GENERAL RE-EVALUATION REPORT
APPENDIX A: ECONOMICS

SAVANNAH HARBOR EXPANSION PROJECT

Chatham County, Georgia and Jasper County, South Carolina

January 2012

ATTACHMENT 5

GEC Savannah Harbor Expansion Project Deep Draft Channel Improvements Economics Analysis: Commodity Projections Parts 1-4

US Army Corps of Engineers
Savannah District
South Atlantic Division

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Final Report

SAVANNAH HARBOR EXPANSION PROJECT DEEP-DRAFT CHANNEL IMPROVEMENTS ECONOMIC ANALYSIS: COMMODITY PROJECTIONS

Part 1: World Waterborne Trade Forecast
Part 2: U.S. Waterborne Trade Forecast

US Army Corps of Engineers
Savannah District
Savannah, Georgia

Final

SAVANNAH HARBOR EXPANSION PROJECT
DEEP-DRAFT CHANNEL IMPROVEMENTS
ECONOMIC ANALYSIS: COMMODITY PROJECTIONS

Part 1: World Waterborne Trade Forecast
Part 2: U.S. Waterborne Trade Forecast

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TABLE OF CONTENTS

Section **Page**

Part 1: WORLD WATERBORNE TRADE FORECAST

I INTRODUCTION 1-1
II OBJECTIVES 1-2
III OVERVIEW 1-3
IV METHODOLOGY 1-6

Introduction 1-6
Stage of Development Approach 1-7
Model Size and Complexity 1-8
Market Demand Forecasting 1-8
Predicting Trade Flows 1-10
Statistical and Econometric Approach 1-10
General Equation Application 1-13
Translation to Maritime Trade 1-14
Long-Term Perspective 1-16
Long-Term Trade Model 1-20
Translation to Trade Volume and Mode 1-22
Maritime Trade Forecasting 1-23

V WORLD TRADE FORECAST 1-29
VI SUMMARY AND CONCLUSIONS 1-40

Part 2: U.S. WATERBORNE TRADE FORECAST

I INTRODUCTION 2-1
II OBJECTIVES 2-2
III OVERVIEW 2-3
IV METHODOLOGY 2-6

Forecasting Regional U.S. Trade 2-6
Translation to Maritime Trade 2-8
Summary 2-9

V U.S. AND WORLD TRADE FORECAST 2-11
VI U.S. TRADE FORECAST 2-18
VII SUMMARY AND CONCLUSIONS 2-30

Appendix A: WORLD COMMODITY FORECAST, 1995-2050
Appendix B: U.S. COMMODITY FORECAST, 1995-2050

LIST OF TABLES

Number **Page**

Part 1: WORLD WATERBORNE TRADE FORECAST

1-1 Factors Driving Market Demand Used in QuERI-International Trade Models 1-11

1-2 Commodity Groupings.....1-15

1-3 Regional Market Demand Shares 1-20

1-4 Trade Flows by Order of Size.....1-21

1-5 China's Primary Exports 1-23

1-6 World Commodity Forecast for all Commodities, Sorted by Origin, by Major Region, 1995-2050, Selected Years (Metric Tonnes).....1-30

1-7 World Commodity Forecast for all Commodities, Sorted by Destination, by Major Region, 1995-2050, Selected Years (Metric Tonnes).....1-31

1-8 Containerized World Commodity Forecast for all Commodities, Sorted by Origin, by Major Region, 1995-2050, Selected Years (Metric Tonnes).....1-32

1-9 Containerized World Commodity Forecast for all Commodities, Sorted by Destination, by Major Region, 1995-2050, Selected Years (Metric Tonnes).....1-33

1-10 Containerized World Commodity Forecast for all Commodities, Sorted by Origin, by Major Region, 1995-2050, Selected Years (TEUs) 1-34

1-11 Containerized World Commodity Forecast for all Commodities, Sorted by Destination, by Major Region, 1995-2050, Selected Years (TEUs).....1-35

1-12 Growth Rate of World Commodity Forecast, by Major Commodity, 1995-2050.....1-37

1-13 Growth Rate in Metric Tonnes of World Containerized Commodity Forecast, by Major Commodity, 1995-2050 1-37

1-14 Growth Rate in TEUs of World Containerized Commodity Forecast, by Major Commodity, 1995-2050 1-38

LIST OF TABLES

Number **Page**

Part 2: U.S. WATERBORNE TRADE FORECAST

2-1 Counties Within Each Aggregated Region 2-7

2-2 U.S. Imports of Miscellaneous Transport Equipment From Taiwan 2-8

2-3 Relationship of U.S. Regions to U.S. Maritime Regions 2-9

2-4 World and U.S. Waterborne Trade Trends, Metric Tonnes, Containerized Tonnes and TEUs, 1995-2050 2-12

2-5a U.S. and World Trade Shares of TEUs by Major Commodity Groups, 1995-2000 2-13

2-5b U.S. and World Trade Shares of TEUs by Major Commodity Groups, 2000-2005 2-14

2-5c U.S. and World Trade Shares of TEUs by Major Commodity Groups, 2005-2020 2-15

2-5d U.S. and World Trade Shares of TEUs by Major Commodity Groups, 2020-2050 2-16

2-6 U.S. and World TEUs Growth Summary Trends, 1995-2050 2-17

2-7 U.S. Commodity Forecast for all Commodities, Sorted by Origin, by Major Region, 1995-2050, Selected Years (Metric Tonnes) 2-19

2-8 U.S. Commodity Forecast for all Commodities, Sorted by Destination, By Major Region, 1995-2050, Selected Years (Metric Tonnes) 2-20

2-9 Containerized U.S. Commodity Forecast for all Commodities, Sorted by Origin, By Major Region, 1995-2050, Selected Years (Metric Tonnes) 2-21

2-10 Containerized U.S. Commodity Forecast for all Commodities, Sorted by Destination, by Major Region, 1995-2050, Selected Year (Metric Tonnes) 2-22

2-11 Containerized U.S. Commodity Forecast for all Commodities, Sorted by Origin, by Major Region, 1995-2050, Selected Years (TEUs) 2-23

2-12 Containerized U.S. Commodity Forecast for all Commodities, Sorted by Destination, by Major Region, 1995-2050, Selected Years (TEUs) 2-24

LIST OF TABLES (cont'd)

Number **Page**

2-13 Growth Rate of Outbound U.S. Commodity Forecast, by Major Commodity, 1995-2050 2-26

2-14 Growth Rate of Inbound U.S. Commodity Forecast, by Major Commodity, 1995-2050 2-26

2-15 Growth Rate in Metric Tonnes of Outbound U.S. Containerized Commodity Forecast, by Major Commodity, 1995-2050 2-27

2-16 Growth Rate in Metric Tonnes of Inbound U.S. Containerized Commodity Forecast, by Major Commodity, 1995-2050 2-27

2-17 Growth Rate in TEUs of Outbound U.S. Containerized Commodity Forecast, by Major Commodity, 1995-2050 2-29

2-18 Growth Rate in TEUs of Inbound U.S. Containerized Commodity Forecast, by Major Commodity, 1995-2050 2-29

LIST OF FIGURES

Number **Page**

Part 1: WORLD WATERBORNE TRADE FORECAST

1-1 Structure of Core Model 1-12

1-2 Derivation of Market Demand Drivers for Detailed Commodities Used in International Trade Model 1-12

1-3 International Trade Model Approach 1-13

1-4 Long-Term Structural Model 1-17

1-5 Gross Domestic Product Growth Rates 1-18

1-6 Annual Growth Rates for Total Ocean Exports in Metric Tonnes 1-25

1-6a Total Ocean Exports in Millions of Metric Tonnes 1-25

1-7 Annual Growth Rates for Total Ocean Imports in Metric Tonnes 1-26

1-7a Total Ocean Imports in Millions of Metric Tonnes 1-26

1-8 Annual Growth Rates for Total Ocean Exports in TEUs 1-27

1-8a Total Ocean Exports in Million TEUs 1-27

1-9 Annual Growth Rates for Total Ocean Imports in TEUs 1-28

1-9a Total Ocean Imports in Million TEUs 1-28

Part 2: U.S. WATERBORNE TRADE FORECAST

2-1 U.S. and World Trade in Containerized Products, 1995-2050 2-3

2-2 U.S. and China Share of World Containerized Trade 2-4

2-2a U.S. and China Share of World Containerized Trade in Total TEUs 2-5

Part 1: WORLD WATERBORNE TRADE FORECAST

I. INTRODUCTION

Commodity projections constitute one of the major inputs to harbor improvement studies, typically having a direct effect on National Economic Development (NED) benefits based on the growth and timing of future benefiting cargo volumes. The nature of commodity forecasts is long term, spanning upwards of 50 years. Although most NED benefits will accrue within the first two decades of the inception of a project, from the standpoint of discount rates and net present value this is still a substantial period of time for forecasting. Traditionally, most forecasts range in duration from three to five years upwards to a decade. The long-term forecasts necessitated by the large span of useful life of a deep-draft harbor improvement and the uncertainty of world trade require that commodity projections be carefully documented with respect to assumptions, data inputs, and interpretation of outputs.

II. OBJECTIVES

Savannah Harbor was last deepened subsequent to the Corps of Engineers 1992 Feasibility Study. In 1998, the Georgia Ports Authority (GPA) published a Feasibility Study, and deepening to no more than 48 feet was authorized by Congress, subject to the requirements in the October 1999 Chief's Report. The 1998 Feasibility Study had a commodity forecast for the period 2000 to 2050 with a base year of 1996.[1] The 1996 commodity projections are outdated and no longer appropriate for use. For example, the 1996 forecast shows Savannah Harbor container trade exceeding one million loaded TEUs by 2010.[2] In fact, this volume had already been achieved by 2003.

The Project Guidance Memorandum (dated 31 October 2002) from the HQUSACE specifies that the trade forecast needs to be revised. In order to revise the trade forecast for Savannah Harbor, a world trade forecast is needed that will enable U.S. trade to be identified as a separate component. Subsequent disaggregation will then be applied to develop a Savannah Harbor commodity forecast in later tasks. The objective of part 1 is to develop a world trade waterborne forecast.

[1] Savannah Harbor Expansion, March 30, 1998 *Economic Appendix*, Historical and Projected Commodities, page 7.
[2] Ibid. page 15, Exhibit 3-11.

III. OVERVIEW

The world economy has two primary engines of growth:

- The United States economy, which was the mainstay of economic expansion throughout the period 1995 – 2003;

- The surging Chinese economy, helped by increased export volumes and a growing base of middle-class consumers in the urban areas.

Tax cuts have helped the U.S. economy make a partial recovery from the recession of 2001 and the growth recession of 2002. However, employment growth has lagged, and unemployment remains a problem. More than three million jobs have been lost since the collapse of the NASDAQ and the technology bubble in late 2000. Most of the losses have been in manufacturing jobs, with trade substituting for domestic production. A new development, the shift of back-office and technology jobs to places like India, Eastern Europe, and China, has also added to the problems faced by the economy. At the same time, corporate profits have never been higher, and the stock market has recovered.

The lack of new job opportunities may be ending as the economy continues to expand, with more than 300,000 jobs created in March. The U.S. economy continues to demand more from the world than the world demands from the U.S. The size of the trade deficit is likely to continue to grow despite the weakness of the U.S. dollar against mainly the euro and the Japanese currency. The strong growth out of China, although helpful to U.S. exports in general, will not solve the problem of the growing trade deficit with that country. The difference between U.S. imports from China and U.S. exports is over 6 to 1 in 1995 U.S. dollars.

Moreover, the products exported by U.S. manufacturers are not in great demand in China. Chinese imports are mainly intermediate inputs used in assembly of exports (most of which go to the U.S. alone) and raw materials, including iron ore, oil, and luxury consumer goods. One risk to the world economy, as well as the U.S., is that this increasingly large deficit in the U.S. current account may be unsustainable. Given the dependency of China on U.S. exports, and Asia on China, the potential for a sudden collapse of confidence cannot be discounted, at least in the short-term.

China's market has grown strongly over the past several years. Real economic growth has averaged over 7 percent for the past several years, with 2003 growth estimated to be 9 percent. However, China needs at least 7 percent growth to allow the gradual integration of workers freed up by progress in agriculture and attracted to higher-paid employment in the urban areas. To meet this need, China has encouraged foreign investment in both domestic production and export.

Average wages for unskilled factory workers in China are estimated to be in the range of between fifty cents and one dollar per hour. The size of the market and the low wages have proven attractive for foreign firms. Partnerships with increasingly sophisticated manufacturers

have led to the migration of employment from higher-cost centers in Western Europe and North America to low- cost manufacturing sites in China. When used in the export of finished products, export-free zones that allow the free entry of intermediates make China more like a factory location than a true market. Where companies have set up facilities to meet the Chinese domestic market demand, they have faced many problems, including special rules for foreign owners, unfair partnerships, forced transfers of technology, and other impediments to free trade.

The most significant problem, however, may be that the Chinese market is highly competitive. Because credit to Chinese companies is readily available, competition for business is fierce, with many companies selling below cost and financing the difference through low-cost loans from government-run banks. As a result, foreign firms, without access to this same source of credit and interested in making a profit, have concentrated on the upper end of the market. For example, GM's Buick automobile sells at about $30,000 compared to the lowest-cost Chinese automobile, which sells for $ 6,000.

The Chinese domestic market may also be less dynamic than currently believed, given the low wages and the likelihood that wages will remain low as surplus rural labor is added to the employment. This limits the potential for the Chinese market to become a major importer of finished consumer products, at least at present. China, like Japan before it, is likely to be a major importer of raw materials, oil, luxury products (differentiated), capital equipment, technology products, and specialized industrial materials.

Asia, including Japan, has become dependent on continued Chinese import demand as a main engine of economic growth. Japanese success has been mainly through exports to China of such things as iron and steel, electronics, and automobile parts. Japan's improved export performance has occurred despite a stronger yen/dollar rate (close to 105). The domestic sector has benefited from this boom as business and consumer confidence has risen.

European growth and development can be divided between countries that have adopted the euro and those that have not. The United Kingdom, outside the monetary union, has done well and continues to grow strongly. However, most of the major countries on the Continent have been constrained by a stronger currency (the euro appreciated almost 40 percent from its low against the U.S. dollar) and constraints on fiscal and monetary policy.

In Latin America, conditions are better than in the period 1999–2001 when Argentina and Brazil were both in recession. Conditions in Argentina should be better beginning in 2003 and continuing through 2004, and Brazil is expected to recover fully and begin to grow at around 3 – 4 percent after 2003. Mexico has started to recover. Tied very closely to the U.S. market, Mexico has benefited from the NAFTA-related investment boom. The rise of China as a major manufacturing location and the lower wages paid to Chinese workers has, however, led to an exodus of American companies from Mexico. Although much of the production leaving Mexico has shifted to China, higher shipping costs into and out of China and other bottlenecks will probably begin to cause a reverse migration; and Mexico is making a concerted effort to improve its skill level to attract higher-value investments. The economic forecast for Mexico is for trade to recover as the U.S. economy recovers and for economic growth that has been close to 1 percent for the last two years to increase to over 3 percent.

The Middle East and Africa should benefit from the surge in prices of raw materials, including oil, copper, bauxite, phosphorous, and gold. How much of the benefit of this boom will pass into the domestic economies of these nations remains to be seen; but the higher revenues will probably stimulate additional imports.

IV. METHODOLOGY

INTRODUCTION

Measuring global trade flows is complex, and the results must reflect the volatility that characterizes trade patterns in general. Although the final result, when aggregated across all products and routes, may appear to be close to a simple time trend, the underlying detail reflects the shifting development paths taken by nations.

In 1985, the DRI/McGraw-Hill World Sea Trade Service was launched. It included a model based on a pooled-cross-sectional-time-series methodology. The data used was a collection of data developed by the OECD and missing the majority of the intra-regional flows between developing countries. Later additions of data added intra-Asian trade to the model. The econometric specification was steadily changed to include more information on consumption and production by industry group, but the model was primitive and difficult to work with. It included estimates of German exports to the U.S. and U.S. imports from Germany that were sometimes different because of the use of German export data and U.S. import data.

The DRI World Trade model relied on data drawn from the DRI world macroeconomic databases and was thus limited to a smaller subset of world trade and output. It was used to drive the World Sea Trade model and, thus, ultimately to the project carried out by DRI for the Port of Savannah.

In 1996, the methodology used for forecasting world trade and the underlying databases was rebuilt. Data was collected from Statistics Canada that had only one direction of any bilateral flow. It was based on Statistics Canada's interpretation of UN trade data and in theory encompassed the entire world. Macroeconomic data was drawn from the World Bank databases and also included all available GDP data. A new industrial and consumption data set was constructed from UN and UNIDO data and a new cross-sectional model was developed.

This new model was used to develop a version of the World Sea Trade Service. A version of the global maritime trade forecast was prepared for Booze-Allen and was used in their work for Savannah. The model was more advanced than the one used to create the original World Sea Trade Service forecast, but it had a very rudimentary extension of trade beyond the base period (2010). How Booze Allen then used this to forecast specific flow into and out of the Port of Savannah was beyond what was delivered to them. Only total U.S. inbound and outbound trade by ocean freight was provided as part of that contract.

The ICF model was transferred to the Columbus Group in 1997 and was used in various projects for the U.S. Army Corps of Engineers, the Panama Canal, and some international port work as well. The model and databases were they sold to the WEFA Group by the Columbus Group. When WEFA merged with DRI, becoming Global Insight, they used as their base this ICF version of the world. The basic underlying data was from Statistics Canada.

The QuERI model is a derivative model based on a new framework and new data developed at Merge Global. The new data was collected from original sources, including a full set of UN trade data, Eurostat data, and US DOC data, as well as country specific data from eight more countries. The industrial data was based on later versions of UNIDO and UN SNA data than that used at ICF.

The new trade is a more advanced version of all of the earlier models. The demand pull-price relationship was improved significantly. Demand is fully based on indirect demand coming from personal consumption, business investment, government, and intra-industry demand. Three different models are developed for each product, one for advanced countries, one for emerging markets, and one for developing economies. A new long-term model framework has been developed that allows for slowing growth in some products and steady growth in others.

The new model also allows for individual port ranges within the U.S. trade flows. Thus, it is port specific and allows for a dynamic shift in port shares over time.

Comparing forecasts across all of these models is difficult. Trade forecasts depend on baseline macroeconomic forecasts. These views change over time as economic conditions change. For example, in the original Savannah baseline developed by DRI, the importance of China was clearly underestimated. By the time the ICF baseline was developed, China had taken on greater importance.

STAGE OF DEVELOPMENT APPROACH

The models that are used in the present analysis are all based on a stage of economic development approach. Countries move through cycles. Some of these are short-term and related to disturbances and mistakes in policy; others are long-term. A poor nation, for example, may begin as a raw materials producer and then develop a small manufacturing sector. Still relatively poor, it can attract investment that may be used to develop local industry and export related manufacturing that uses the raw materials. Moving up, a larger industrial-service sector is created that produces more self-sustaining growth, which is fueled by higher wages and more people employed in the money economy. This, in turn, leads to a stronger economy, more industrial development, and imports. This process of successive levels of development and wealth creation may be continuous. If it follows this route, the poor nation will move along the road already traveled by its wealthier neighbors.[3]

This development pattern leads to a distribution of nations that can be characterized as poor, middle income, and wealthy. To develop a picture of industrial development and the trade of poor, middle income, and wealthy states, models are used that relate development along this continuum. A non-linear model allows the shape of the future to be observed by extrapolating past trends for the entire group of countries included in the model. This is done by using a log-linear model based on a cross-country sample of countries over a defined time period (1990 - 2003).

[3] The international trade life cycle approach was also used in the Savannah Harbor Expansion 1998 study. Refer to Section B, Commodity Forecast Methodologies, pages 4 and 5.

A pooled cross-sectional-time-series model is used for this analysis. An advantage of this model is that it allows for use of less than complete data and, more importantly, can handle the extreme volatility of trade. Unlike a time series that must depend upon a single country's experience, the pooled model depends on a larger sample of country experiences. The result is that the developed coefficients are usually robust and stable.

The pooled-cross-sectional model is also highly efficient. It enables a massive amount of information to be processed, and the resulting model can then be used to forecast future growth. Fitting individual time series models is significantly more time consuming and would likely yield results biased by past patterns of trade or industry development. Stated simply, a time series based model assumes that conditions do not change, whereas a pooled-cross-sectional-time-series model allows countries to move up the ladder and change the mix of products they sell and buy following along the path described statistically and based on the factors derived from the full sample of countries (rich and poor alike).

MODEL SIZE AND COMPLEXITY

The model used in this analysis is capable of managing a system that has potentially well over 250,000 individual forecasts. The pooling of data across time and across countries insures that statistical issues related to volatility can be dealt with. The model is supported by a structured methodology, which insures that when statistical relationships are judged to be too weak, an alternate, less statistically rigorous method of forecasting is applied. These judgments are made by the computer in real time.

Although this may appear mechanical, it is important to remember that transportation is a byproduct of economic growth, and trade is a residual flow related to what can be produced in any country at that point in time compared to what is available from outside the country. There is no “expert opinion” capable of this type of integration.

The qualities of an effective model may thus be summarized as follows:

1. The model must be inclusive of all products and all routes, with no single flow dominating. To develop a realistic forecast, everything that could possibly move internationally has to be modeled.

2. Exports must be related directly to imports. The matrix of in and out should cover nearly 100 percent of total world commercial activity.

3. Forecasts should be statistically based. No researcher can be knowledgeable about all the factors that might influence trade flows.

MARKET DEMAND FORECASTING

International trade is the critical factor in determining the viability of port improvement projects. Global models and databases designed to project trends in growth, industrial development, and

international trade flows are used by different vendors for a wide range of products, from chemicals to computers. Forecasts based on these models have guided government policies.

Prior to the estimation of trade forecasts, a baseline projection of global private consumption, government consumption, business investment, and demand for intermediate inputs is developed. Many models rely mainly on macroeconomic aggregates. However, the models used in this analysis combine macroeconomic factors and forecasts (developed from short-term forecasts managed by Oxford Economic Forecasting using March 2004 as a baseline) with medium- and long-term forecasts (developed using QuERI models).

Industrial and employment models for specific sectors (64 individual industrial and service categories) are linked through adjusted input-output matrices. Personal consumption, government consumption, and business investment are also integrated. Prior-period trade forecasts by commodity are also included. This insures that the system is fully connected and reflects the general trends within a country over time and across a group of countries as they develop.

Like trade models, these forecasts are based on a pooled-cross-sectional-time-series methodology. The methodology insures that changing patterns of industrial development can be identified. It is based on an assumption of ignorance about the future development plans of industry. Growth is a function of past growth and the natural evolution of a nation from mainly a primary producer to an industrial state as defined by data collected from countries ranging from rich to poor.

The model used in this analysis covers 100 percent of world trade. It is route-specific and relates bilateral flows between 85 countries and regions for 80 commodity groups, accounting for 100 percent of all traded products. International exchange is measured in terms of the following metrics:

- Nominal U.S. dollars
- Real 1995 U.S. dollars
- Metric Tonnes
- Air Metric Tonnes
- Ocean Metric Tonnes
- Ocean Containerized Metric Tonnes
- Ocean Containers measured in Twenty-Foot Equivalent Units (TEUs)

The starting point for the global forecast is trade measured in nominal U.S. dollars. The data are collected from a number of different sources:

- United States Department of Commerce (through 2003)
- Eurostat (15 European countries through mid-year 2003)
- United Nations Trade Data (covering 200 countries through 2001/2002)
- National sources (Switzerland, Taiwan, Japan, etc.).

Steps in the process of modeling trade include:

- Developing a consistent bilateral database for historic trade using a hierarchy of datasets (U.S. bilateral trade, Eurostat, Other National Sources, United Nations data) in order to develop a full 85 x 85 bilateral trade data set.

- Deflating nominal U.S. dollar trade into constant 1995 U.S. dollar trade, which allows the data to be used for measuring real volume growth independent of price and exchange rate movements.

- Relating real volume flows to economic activity variables drawn from a detailed model of the global economy. This model relates trade to the following major economic drivers:
    - Market demand for the commodity in the importing country
    - Import prices (commodity price trends and exchange rate movements)
    - Domestic production capacity and growth trends
    - Exporter share of worldwide production.

PREDICTING TRADE FLOWS

Models of international trade depend on sets of economic assumptions. The models used in this analysis rely on a large-scale integrated system of databases and models to relate trade to market demand. Market demand is the overall demand for domestically produced and foreign-produced products for a single traded commodity. Market demand is dependent on the industrial and service mix in the importing economy (measured by intermediate demand) and on final demand (measured through personal consumption, government consumption, and business investment).

The starting point for forecasting in this analysis is the Oxford Economic Forecast global macroeconomic model. This short-term model, updated monthly, provides a high-level view of the economic environment that is driving trade. It is used in the present analysis in conjunction with more industry-specific and consumption-demand-specific models developed by QuERi to refine the underlying model for market demand. The Oxford baseline is a reasonable starting point describing the short-term to medium-term economic environment; however, it extends only to 2013.

International trade flows are related to individual product groups derived from these basic source data. The trade model aggregates, at a detailed commodity group level, market demand derived from personal consumption, government consumption, business investment, and intermediate demand. Table 1-1 shows the general approach for the key variables. Using input-output model distributions, a more detailed estimate of demand is derived and used in the model. Figures 1-1 through 1-3 provide an overview of the general approach.

STATISTICAL AND ECONOMETRIC APPROACH

Each commodity route model is based on a pooled-cross-sectional-time-series model framework. Models are based on importer demand from specific export sources (countries and export regions). Pooled-cross-sectional-time-series models are better able to pick up long-term trends because they reflect both short-term patterns (as measured by cyclical movements for individual

Table 1-1: Factors Driving Market Demand Used in QuERI-International Trade Models

Macroeconomic Concept	QuERI-International Detailed Subgroup	I/O Conversion Methodology	Trade Model Input Variable for Commodity (80)
Personal Consumption	Food	Distribution	Final Demand
Personal Consumption	Non-alcoholic Beverage	Distribution	Final Demand
Personal Consumption	Alcoholic Beverages	Distribution	Final Demand
Personal Consumption	Tobacco	Distribution	Final Demand
Personal Consumption	Clothing and Footwear	Distribution	Final Demand
Personal Consumption	Fuel and Power	Distribution	Final Demand
Personal Consumption	Housing Expenses	Distribution	Final Demand
Personal Consumption	Furniture and Household Equipment	Distribution	Final Demand
Personal Consumption	Medical Care and Health Expenses	Distribution	Final Demand
Personal Consumption	Personal Transport Equipment	Distribution	Final Demand
Personal Consumption	Other Transport and Communications	Distribution	Final Demand
Personal Consumption	Education	Distribution	Final Demand
Personal Consumption	Entertainment and Culture	Distribution	Final Demand
Personal Consumption	Personal Care	Distribution	Final Demand
Personal Consumption	Restaurants, Cafes, and Hotels	Distribution	Final Demand
Personal Consumption	Other Services	Distribution	Final Demand
Government Consumption	General Public Services	Distribution	Final Demand
Government Consumption	Defense	Distribution	Final Demand
Government Consumption	Public Order & Safety	Distribution	Final Demand
Government Consumption	Education	Distribution	Final Demand
Government Consumption	Health	Distribution	Final Demand
Government Consumption	Social Security & Welfare	Distribution	Final Demand
Government Consumption	Housing and Community Amenities	Distribution	Final Demand
Government Consumption	Recreational, Cultural, and Religious	Distribution	Final Demand
Government Consumption	Economic Services	Distribution	Final Demand
Government Consumption	Other Functions	Distribution	Final Demand
Fixed Business Investment	64 ISIC Industry/Service Groups	Distribution	Final Demand
Industrial/Service Production	64 ISIC Industry/Service Groups	I/O A-matrix	Intermediate Demand

Source: QuERI-International.

Figure 1-1. Structure of Core Model

Figure 1-2. Derivation of Market Demand Drivers for Detailed Commodities Used in International Trade Model

Figure 1-3. International Trade Model Approach

countries over the historic time period) and longer-term shifts resulting from improving incomes and industrial bases as measured through the cross-sectional elements in the data set. A pooled-cross-sectional model groups data across countries and over time in a single estimation process. Individual differences are preserved by allowing for separate constant terms, as well as for country/group-specific coefficients in equations.

Given the often-wide gap between rich and poor nations, pools are split into three groups:

- Advanced Nations;
- Emerging Markets;
- Poorer Developing Countries and Regions.

GENERAL EQUATION APPLICATION

The trade model is based on a statistical relationship between imports and market demand and price variables, taking the general form:

$$Mijk = \mathrm{A} + \partial ijkFDik + \phi ijkINTDik + \alpha ijkPijk + \eta ijk\frac{RPik}{MDik} + \varphi ijk\frac{RPjk}{RPwk} + \varepsilon ijk, where$$

$$Pijk = \frac{IRXi \times Pjk}{IRXj}.$$

Where:

M = imports for commodity k into country i and from exporter j; FD = final demand from private consumption, business investment, and government consumption for commodity k; INT = intermediate demand for commodity k; P = import price for commodity k and export region j; RP = production of closest product group (to trade group), MD = market demand for closest production group to commodity k; i = import country designation; j = exporter country designation; k = commodity group; IRX is index of exchange rate (1995 = 1.0 based on Local Currency Units per U.S.); and Pk is the U.S. dollar commodity price.

Where an econometric relationship is not feasible, a trended trade share, MS, is developed relating the exporter's share of each import market to the import demand from the world, which is always based on an econometric relationship.

$$Mijk = MSijk \times Mik, wd$$

$$MSijk = Trend(\frac{Mijk}{Mik, wd}).$$

TRANSLATION TO MARITIME TRADE

The maritime trade baseline is derived from a series of assumptions. For U.S. routes, maritime trade weight is directly available from Department of Commerce data. For non-U.S. routes, assumptions about land diversion are applied to data in metric tonnes. Real-value forecasts are applied to extend historic weight into the forecast period. Table 1-2 contains a listing of the commodity groupings.

The measurement of TEUs is complicated by a number of different factors that can influence the total number of TEUs on a given route. Weight-based trade must be converted to volumetric trade. Changes in mix within product groups can cause complications, and no published factors are available. Thus, information was drawn from a number of different sources to develop the maritime trade baseline. Much of this information has been collected as part of earlier versions of the ocean trade forecast (DRI, ICF, MGI).

The key factors needed to calculate TEUs by product and by route are:

- The shares of trade measured in metric tonnes that can be containerized (i.e., products carried in 20-foot or 40-foot containers
- The mix of 20-foot and 40-foot containers on each trade route
- Ratios of filled containers to weight, which are by product

Complicating the calculation is that there is no "official" measure of any of these factors. The baseline forecast was developed using inputs from liner companies, PIERS, Drewry's reports, and factors developed by QuERI over many years. The reported total TEUs thus contain a mix of elements. The general approach to calculation of TEUs is as follows:

Table 1-2. Commodity Groupings

CODE	DESCRIPTION	AGGREGATE	MAJOR AGGREGATE
C1A	Grain	PRIMARY FOOD/BEVERAGE	AGRICULTURE
C1B	Oil Seeds	PRIMARY FOOD/BEVERAGE	AGRICULTURE
C1C	Veg. and Fruits - req Refrigeration	REFRIGERATED PRODUCTS	AGRICULTURE
C1D	Veg. and Fruits - non-Refrigerated	PRIMARY FOOD/BEVERAGE	AGRICULTURE
C1E	Cork and Wood	OTHER AGRICULTURE	AGRICULTURE
C1F	Natural Rubber	OTHER AGRICULTURE	AGRICULTURE
C1G	Cotton	OTHER AGRICULTURE	AGRICULTURE
C1H	Other Raw Textile Materials	OTHER AGRICULTURE	AGRICULTURE
C1I	Other Agriculture	OTHER AGRICULTURE	AGRICULTURE
C1J	Coffee	PRIMARY FOOD/BEVERAGE	AGRICULTURE
C1K	Cut Flowers and Foliage, etc.	OTHER AGRICULTURE	AGRICULTURE
C2A	Stone, Clay and Other Crude Minerals	BULK ORES	EXTRACTIVE
C2B	Crude Fertilizers	BULK ORES	EXTRACTIVE
C2C	Ores	BULK ORES	EXTRACTIVE
C2D	Coal and Coke	COAL	EXTRACTIVE
C2E	Crude Petroleum	CRUDE PETROLEUM	EXTRACTIVE
C2F	Natural Gas	NATURAL GAS	EXTRACTIVE
C2G	Scrap	BULK ORES	EXTRACTIVE
C311A	Refrigerated Meat/Dairy/Fish	REFRIGERATED PRODUCTS	FOOD
C311B	Other Meat/Dairy/Fish/Fruit/Veg.	NONREFRIGERATED	FOOD
C311C	Sugar	NONREFRIGERATED	FOOD
C311D	Animal Feed	OTHER FOOD	FOOD
C311E	Animal and Vegetable Oils	OILS & FATS	FOOD
C311F	Other Food	PROCESSED	FOOD
C313	Beverages	BEVERAGES	FOOD
C314	Tobacco	TOBACCO	FOOD
C321	Textiles	TEXTILES, APPAREL,	MATERIALS
C322	Wearing Apparel	TEXTILES, APPAREL,	CONSUMER
C323	Leather and Products	TEXTILES, APPAREL,	MATERIALS
C324	Footwear	TEXTILES, APPAREL,	MATERIALS
C331	Wood Products	WOOD & PAPER	MATERIALS
C332	Furniture and Fixtures	CONSUMER	CONSUMER
C341A	Waste Paper	WOOD & PAPER	MATERIALS
C341B	Pulp	WOOD & PAPER	MATERIALS
C341C	Paper and Paperboard and Products	WOOD & PAPER	MATERIALS
C342	Printing and Publishing	CONSUMER	CONSUMER
C3511	Organic Chemicals	INDUS.CHEM.	CHEMICALS
C3511	Inorganic Chemicals	INDUS.CHEM.	CHEMICALS
C3512	Fertilizers and Pesticides	INDUS.CHEM.	CHEMICALS
C3513	Synthetic Resins	INDUS.CHEM.	CHEMICALS
C3521	Paints, Varnishes and Lacquers	CONSUMER CHEMICALS	CHEMICALS
C3522	Drugs and Medicines	HIGH TECH	HIGHTECH
C3523	Soap and Cleaning Preparations	CONSUMER CHEMICALS	CONSUMER
C3529	Chemical Products, nec.	INDUS.CHEM.	CHEMICALS
C353	Petroleum Refineries	FUELS	FUELS
C354	Petroleum and Coal Products	FUELS	FUELS
C355	Rubber Products	INTERM. MATERIALS	INTER.MFG.
C356	Plastic Products, nec.	INTERM. MATERIALS	INTER.MFG.
C361	Pottery, China etc.	INTERM. MATERIALS	INTER.MFG.
C362	Glass and Products	INTERM. MATERIALS	INTER.MFG.
C369	Non-Metallic Products, nec.	INTERM. MATERIALS	INTER.MFG.
C371	Iron and Steel	PRIMARY METALS	INTER.MFG.
C372	Non-Ferrous Metals	PRIMARY METALS	INTER.MFG.
C381	Metal Products	PRIMARY METALS	INTER.MFG.
C3821	Engines and Turbines	CAPITAL	CAPITALEQUIP.
C3822	Agricultural Machinery	CAPITAL	CAPITALEQUIP.
C3823	Metal and Wood Working Machinery	CAPITAL	CAPITALEQUIP.
C3824	Special Industrial Machinery	CAPITAL	CAPITALEQUIP.
C3825	Office and Computing Machinery	HIGH TECH	HIGHTECH
C3829	Machinery and Equipment, nec.	CAPITAL	CAPITALEQUIP.
C3831	Electrical Industrial Machinery	CAPITAL	CAPITALEQUIP.
C3832	Radio and TV	HIGH TECH	HIGHTECH
C3832	Semi-conductors, Electronic Tubes,etc	HIGH TECH	HIGHTECH
C3832	Other Communications Equipment	HIGH TECH	HIGHTECH
C3833	Electrical Appliances and Houseware	CONSUMER	CONSUMER
C3839	Electrical Apparatus, nec.	CAPITAL	CAPITALEQUIP.
C3841	Shipbuilding and Repairing	TRANSPORT	CAPITALEQUIP.
C3842	Railroad Equipment	TRANSPORT	CAPITALEQUIP.
C3843	Motor Vehicles and Parts	MOTOR VEHICLES	CAPITALEQUIP.
C3843	Motor Vehicles	MOTOR VEHICLES	CAPITALEQUIP.
C3843	Parts of Motor Vehicles	MOTOR VEHICLES	CAPITALEQUIP.
C3844	Motorcycles and Bicycles	MOTOR VEHICLES	CAPITALEQUIP.
C3845	Aircraft	TRANSPORT	CAPITALEQUIP.
C3849	Transport Equipment, nec.	TRANSPORT	CAPITALEQUIP.
C3851	Professional Equipment	HIGH TECH	HIGHTECH
C3852	Photographic and Optical Goods	CONSUMER	CONSUMER
C3853	Watches and Clocks	CONSUMER	CONSUMER
C390	Other Manufacturing, nes.	CONSUMER	CONSUMER
C390A	Toys, Games and Sporting Goods	CONSUMER	CONSUMER
C390B	Jewelry	CONSUMER	CONSUMER
C390C	Misc. Manufacturing Goods	CONSUMER	CONSUMER

Source: QuERI-International.

- TEUs = Metric Tonnes x Containerized Tonnes Share/Weighted Average Metric Tonnes per TEU
- Weighted Average Metric Tonnes per TEU = % 20 * MT/TEU + % 40 *(MT/FEU), where:

  MT = Metric Tonnes
  TEU = 20-foot equivalent unit
  FEU = 40-foot equivalent unit.

Total containerized trade measured in TEUs has been compared to data reported by the public media or available from sources such as Drewry's, Containerization International, and the U.S. Maritime Administration.

LONG-TERM PERSPECTIVE

Short-term economic trends are largely influenced by current events such as war, terrorism, sudden disruptions of supplies of essential materials, and policy restrictions. Europe's problems are partly the result of its social policies, ranging from restrictive labor laws to self-imposed limits on deficit spending resulting from the European Union's stability pact. The failure of the new Central Bank to reduce lending rates is also a factor. Elsewhere in the world, waste, fraud, abuse, war, disease, pollution, and a host of other problems can cause a nation to decline or fail to develop.

Technological change is implicit in the underlying shifts observed in the patterns of global production and consumption. Productivity, as measured by output per worker, is a key factor in the long-term production model. No explicit assumptions are made about productivity growth, with changes coming entirely from shifts observed in investment per dollar of output and the resulting capital/labor ratios used to forecast changing production.

Technology has always been a difficult problem for economic models. Most production models assume that technological change is the "unexplained" variable that explains the difference between a static output per unit of capital and the observed output per unit of capital.

Products that are more technologically sophisticated have been of greater importance to world trade than those that are less complex. Given that these high technology products are growing faster, this is an implicit measure of technology in the long-term forecast. Thus, although there are no explicit assumptions about technology in the model in terms of a demand pull and supply push point of view, technology is included in the basic long-term trade forecast. It impacts the industrial patterns observed, and it affects the mix of products that will be traded into the future.

Longer-term economic prospects assume that these disturbances will be eventually overcome. Statistical models tend to return the world to a trend. Traditionally, long-term economic growth is dependent on two factors:

- Population growth;
- Productivity/Technological Progress.

Although population trends can be easily measured, at least through the forecast interval (2050), productivity and technological progress is not so easily forecast. The present analysis takes a different approach to the issue of the very long-term by using a series of models based on a pooled-cross-sectional-time-series approach. The advantage of this approach is that it considers the relative stage of economic development achieved. The cross-sectional model by definition tends to be better suited for projecting long-term patterns of growth.

The models are based on an analysis of economic growth trends across a group of 72 countries, ranging from the very poor countries of the Indian Subcontinent and Africa to the richest nations in the world such as the United States, Western Europe, and Japan. A staged approach is used to develop the long-term market demand factors required by the QuERI trade models.

To extend beyond the Oxford baseline (2013), a structural model (Figure 1-4) has been developed for GDP growth and the share of that growth for each component: personal consumption, business investment, government consumption, imports, and exports. These are the main components of GDP as measured by the demand side. Also included is employment to population. Each of the component shares is driven by the change in population size and per capita income, as well as a general time trend. The entire model is solved simultaneously. The starting point mirrors the Oxford baseline.

Figure 1-4. Long-Term Structural Model

Forecasts for personal consumption expenditure, business investment, and government consumption derived either directly from Oxford Economic Forecasts or extended using the QuERI long-term structural model are then used in conjunction with existing structural models for the more detailed subcategories. The steps used in the short-term model are followed through so that a pattern of industrial production, market demand, consumption, investment, and government consumption are measured for each of the International Statistical Classification Code (ISIC) traded products (about 50).

This market demand is then used in the long-term trade models, resulting in a dynamic, long-term, structurally based forecast for trade by detailed product and covering more than 7,000 trade routes.

The staged approach allows for variations in rates of economic growth among nations. Short-term patterns are developed using the Oxford March 2004 baseline and longer-term growth rates are developed using the long-term model framework. As Figure 1-5 indicates, the model reaches asymptotic growth rates close to the general increase in population growth and long-term productivity. Countries that are working off a large rural population and developing an expanding middle class tend to have higher long-term growth potential than smaller, less populous countries. Countries that are already advanced will slow down or maintain, through technological progress and policy approaches, stable long-term growth. The difference, for example, between Germany and the U.S. is explained by the population growth rate disparity as much as by the productivity differences.

Figure 1-5. Gross Domestic Product Growth Rates

As can be seen from Figure 1-5, the short-term pattern reflects the business cycle and external shocks (including the 2001 terrorist/post-boom recession), and the long-term growth tends to move towards an asymptotic trend. The growth trend, however, is a gradual decline towards stable long-term growth. In advanced nations, this comes close to the long-term population growth plus productivity; but there are periods when economic policies push growth well above the trend and/or well below the trend. Over time, the strong growth in China and India will slow as well. How soon and when that occurs will depend as much on these nations' ability to manage their environment and deal with shortages of resources (food, clean water and air, and raw materials). The simplified long-term model used in this analysis ignores these issues and assumes that supply will always be sufficient (supply is perfectly elastic).

GDP growth trends are top-line estimates. The trade model depends on a structured approach to long-term production and consumption trends. Long-term patterns of development reflect structural changes, as well as trade and industrial development patterns. The starting point for the analysis is a measurement of personal consumption demand and government demand, from which an initial estimate of production is developed. This production, along with personal consumption and government consumption, is translated into two types of market demand:

- Final demand by commodity (one of 80 commodity types) developed from input-output final demand matrices (final demand is the aggregate of personal consumption, government consumption, and business investment);

- Intermediate demand by commodity (one of 80 commodities), based on the input-output models related to industrial and service production (64 sectors).

This initial estimate of market demand is then used along with structural factors (derived from the long-term structural model) to develop a new production forecast, which is used in the input-output framework to develop the final demand and intermediate demand estimates used in the long-term trade model.

The long-term production model uses a non-linear framework based on a pooled-cross-sectional-time series and reflects past patterns and changes in trade shares. When the long-term forecast is analyzed in terms of share of total production, it can be seen that there is a decidedly different mix of products between regions. While population growth slows (growing at about 1 percent for most of the period), demand as measured by per capita consumption increases throughout most of the world.

Market demand is the key driver for the long-term trade model and is derived from a combination of production and consumption trends. Production models reflect the ability of a region to produce a type of product. Market demand measures the requirements to drive the production model and to meet the private consumption needs of workers. Table 1-3 shows market demand shares for the three major world regions over time.[4]

[4] Market demand drives the trade model. In fine-tuning the long-term model, it has been found that the production model tends to show stronger growth than market demand. This suggests that structurally the capitalist model may tend to always overfulfill requirements. This may explain the persistence of excess capacity.

Table 1-3. Regional Market Demand Shares

Year	Region	Food	Capital	Consumer	Technology	Primary	Intermediate	Services	Size of Market	C.A.G.R.	GDP Growth	C.A.G.R.
1990	N.America	5.2%	3.2%	10.9%	2.8%	2.5%	7.0%	68.4%	$ 13,698.58		$7,322	
	Europe	6.0%	3.9%	11.8%	2.5%	2.5%	8.1%	65.2%	$ 19,008.63		$9,344	
	Asia	6.8%	4.8%	12.2%	3.5%	2.0%	9.5%	61.2%	$ 14,988.26		$6,987	
2000	N.America	4.4%	3.3%	11.5%	3.6%	2.1%	6.5%	68.6%	$ 19,390.96	3.5%	$9,970	3.1%
	Europe	5.4%	3.6%	11.8%	2.8%	2.3%	7.3%	66.8%	$ 22,414.71	1.7%	$11,298	1.9%
	Asia	6.6%	4.5%	11.6%	3.7%	2.1%	8.3%	63.3%	$ 19,110.59	2.5%	$9,518	3.1%
2010	N.America	3.8%	3.1%	11.6%	4.2%	1.8%	6.1%	69.3%	$ 26,395.10	3.1%	$13,472	3.1%
	Europe	5.0%	3.5%	12.3%	3.3%	2.0%	7.5%	66.5%	$ 28,011.40	2.3%	$13,944	2.1%
	Asia	5.9%	5.0%	11.5%	4.3%	2.0%	8.6%	62.6%	$ 26,639.07	3.4%	$13,071	3.2%
2030	N.America	2.7%	3.1%	11.2%	5.9%	1.4%	6.3%	69.3%	$ 48,314.15	3.1%	$22,951	2.7%
	Europe	3.9%	3.6%	12.8%	4.3%	1.6%	7.8%	66.0%	$ 44,123.20	2.3%	$20,507	1.9%
	Asia	3.7%	6.4%	12.0%	7.3%	1.5%	11.4%	57.6%	$ 66,436.26	4.7%	$27,948	3.9%
2050	N.America	1.9%	3.1%	10.4%	7.6%	1.1%	6.5%	69.4%	$ 87,339.71	3.0%	$38,445	2.6%
	Europe	3.0%	3.5%	12.9%	5.2%	1.3%	8.0%	65.9%	$ 69,925.07	2.3%	$30,237	2.0%
	Asia	1.7%	7.5%	12.1%	11.2%	1.1%	15.4%	51.0%	$ 230,289.15	6.4%	$70,927	4.8%

Notes: C.A.G.R. = Compound Annual Growth Rate.

Source: QuERI-International.

Although the consumption share of processed foods for Asia declines as a share, the absolute amount increases. On a per capita basis, the actual consumption level will almost double between 1990 and 2050.

LONG-TERM TRADE MODEL

The long-term trade model (beyond 2015) is similar to the short-term model, with the exception that there are no assumptions about changes in exchange rates. Prices are allowed to adjust based on estimated supply-demand balances (from the industrial-market demand model forecast in the earlier stage). The coefficients are the same as estimated using the historic data.

Because the pooled-cross-sectional model framework reflects the best estimate of the long-term future, it is appropriate to use the same set of coefficients to extend the forecast beyond the last normal forecast year (2015). Because the structural model shows the changing mix of demand and the changing ability to manufacture products for exports, the trade forecast is reasonable and consistent with the long-term future depicted by the structural model.

Table 1-4 ranks the largest and most important trade flows in order of size (Table 1-4 does not rank all trade flows). The model performs as expected, with a slowing of the general growth in trade towards the end of the period. No model of this size and scope and covering this number of years can be developed without some degree of control over the outcome. Long-term aggregate market demand is used as a measure of maximum growth potential for traded goods (imports). In the earlier years (defined as 2010 - 2019), import growth is allowed to be as much as 35 percent faster than market demand for the commodity. Over the next 10 years, imports may be 25 percent faster than market demand growth. Over the 2030 - 2040 period, import demand growth can be 15 percent faster than overall market demand. And in the final period (2040 - 2050), import demand may not grow at a rate more than 5 percent over market demand for the

commodity. This slowing down towards the long-term trend reflects the fact that specialization trends will probably be played out over a period of 50 years of steady trade growth.

Table 1-4. Trade Flows by Order of Size

Country	Description	Value 2000 (Billions 1995 US $s)	Historic Growth (1995-2000)	Short Term Growth (2000-05)	Medium Term Growth (2005-20)	Long Term Growth (2020-50)
US West	Office and Computing Machinery	$ 112.10	21.1%	8.2%	5.9%	3.2%
United Kingdom	Office and Computing Machinery	$ 64.37	25.9%	0.3%	6.7%	4.1%
Germany	Office and Computing Machinery	$ 60.26	22.0%	10.5%	3.6%	1.9%
Japan	Office and Computing Machinery	$ 58.22	18.3%	8.6%	3.9%	2.0%
Netherlands	Office and Computing Machinery	$ 53.35	29.3%	10.6%	5.5%	3.4%
Singapore	Semi-conductors, Electronic Tubes,etc	$ 49.48	16.9%	3.4%	11.0%	9.8%
US West	Semi-conductors, Electronic Tubes,etc	$ 48.80	12.5%	-6.4%	7.7%	4.3%
US West	Motor Vehicles	$ 40.91	17.6%	10.7%	6.7%	3.4%
Germany	Motor Vehicles	$ 40.64	10.8%	9.0%	5.1%	1.7%
US East	Motor Vehicles	$ 39.23	12.7%	9.7%	4.0%	1.8%
France	Aircraft	$ 39.01	19.5%	-1.1%	3.3%	1.7%
US South	Crude Petroleum	$ 38.88	9.2%	8.8%	-0.3%	0.4%
United Kingdom	Motor Vehicles	$ 37.02	16.1%	9.5%	6.5%	3.0%
Singapore	Office and Computing Machinery	$ 36.87	14.9%	10.2%	11.2%	10.1%
US North	Motor Vehicles	$ 36.75	8.7%	4.2%	-2.4%	-2.8%
Malaysia	Semi-conductors, Electronic Tubes,etc	$ 35.49	15.3%	8.3%	10.8%	7.5%
Hong Kong	Office and Computing Machinery	$ 35.48	28.5%	13.0%	7.2%	4.8%
Taiwan	Semi-conductors, Electronic Tubes,etc	$ 35.06	16.1%	9.1%	8.3%	6.4%
France	Office and Computing Machinery	$ 33.45	19.8%	7.5%	5.1%	2.7%
Hong Kong	Semi-conductors, Electronic Tubes,etc	$ 32.90	19.5%	6.1%	7.9%	5.8%
US South	Motor Vehicles	$ 31.21	19.5%	7.7%	6.3%	3.1%
China Mainland	Semi-conductors, Electronic Tubes,etc	$ 31.08	46.2%	26.6%	11.0%	9.1%
Italy	Motor Vehicles	$ 30.25	15.1%	11.3%	6.4%	2.6%
France	Motor Vehicles	$ 30.10	8.6%	8.3%	6.2%	2.3%
Korea	Semi-conductors, Electronic Tubes,etc	$ 29.88	22.7%	9.3%	9.2%	8.0%
Japan	Semi-conductors, Electronic Tubes,etc	$ 29.47	13.9%	4.2%	4.8%	2.3%
US West	Wearing Apparel	$ 28.47	8.9%	1.9%	-0.4%	0.2%
US South	Office and Computing Machinery	$ 28.25	45.1%	14.1%	7.5%	5.3%
Canada	Parts of Motor Vehicles	$ 27.77	6.5%	0.2%	7.6%	3.2%
Canada	Office and Computing Machinery	$ 27.35	18.4%	4.9%	5.8%	3.3%
Japan	Crude Petroleum	$ 26.84	-1.9%	-5.2%	-3.3%	-3.9%
US West	Other Communications Equipment	$ 26.71	11.1%	7.4%	7.8%	4.2%
US East	Office and Computing Machinery	$ 24.39	23.1%	5.8%	6.7%	4.6%
Canada	Motor Vehicles	$ 23.62	9.2%	7.0%	5.0%	2.6%
Germany	Wearing Apparel	$ 23.60	-3.7%	0.5%	-0.6%	0.4%
Japan	Refrigerated Meat/Dairy/Fish	$ 23.02	2.8%	-1.3%	1.3%	0.0%
Germany	Semi-conductors, Electronic Tubes,etc	$ 22.74	15.7%	6.0%	5.5%	2.2%
Germany	Machinery and Equipment, nec.	$ 22.68	3.8%	3.2%	3.3%	1.4%
Germany	Parts of Motor Vehicles	$ 22.29	9.3%	5.5%	3.3%	1.6%
Taiwan	Office and Computing Machinery	$ 22.17	31.7%	15.6%	7.9%	5.5%
US East	Non-Ferrous Metals	$ 22.13	23.7%	-9.6%	2.7%	-1.8%
US East	Jewelry	$ 21.37	15.5%	-2.8%	-0.6%	0.6%
Hong Kong	Other Communications Equipment	$ 21.09	11.8%	10.8%	7.4%	5.7%
Japan	Wearing Apparel	$ 20.46	4.7%	6.7%	-3.5%	-2.9%
United Kingdom	Other Communications Equipment	$ 20.17	26.1%	0.3%	7.2%	4.5%
Germany	Non-Ferrous Metals	$ 19.94	12.9%	0.2%	-0.3%	-0.5%
Belgium	Motor Vehicles	$ 19.85	15.3%	11.8%	6.0%	2.2%
Spain	Motor Vehicles	$ 19.70	22.2%	13.6%	7.8%	3.9%
Ireland	Office and Computing Machinery	$ 19.52	28.9%	6.8%	9.7%	7.5%
China Mainland	Office and Computing Machinery	$ 19.26	30.0%	24.6%	10.5%	9.4%
Italy	Office and Computing Machinery	$ 18.57	23.5%	7.8%	4.9%	2.7%
Japan	Non-Ferrous Metals	$ 18.48	13.0%	-4.5%	0.2%	-3.3%
China Mainland	Synthetic Resins	$ 18.31	12.7%	19.5%	7.9%	7.4%
Spain	Parts of Motor Vehicles	$ 18.11	13.7%	11.2%	6.3%	3.8%
US North	Parts of Motor Vehicles	$ 18.05	15.4%	6.6%	2.6%	3.2%
Germany	Iron and Steel	$ 17.49	3.3%	-1.0%	4.0%	1.8%
United Kingdom	Semi-conductors, Electronic Tubes,etc	$ 17.49	12.4%	-4.3%	7.7%	4.6%
France	Machinery and Equipment, nec.	$ 17.31	6.0%	4.1%	4.7%	1.9%
Korea	Office and Computing Machinery	$ 17.26	29.1%	10.3%	8.9%	7.1%

Country	Description	Value 2000 (Billions 1995 US $s)	Historic Growth (1995-2000)	Short Term Growth (2000-05)	Medium Term Growth (2005-20)	Long Term Growth (2020-50)
United Kingdom	Parts of Motor Vehicles	$ 16.75	8.1%	7.1%	5.5%	3.0%
Canada	Semi-conductors, Electronic Tubes,etc	$ 16.68	13.0%	-11.4%	7.2%	4.0%
Mexico	Semi-conductors, Electronic Tubes,etc	$ 16.66	36.7%	11.8%	9.8%	4.5%
US East	Wearing Apparel	$ 16.44	9.8%	3.5%	1.0%	0.6%
US West	Parts of Motor Vehicles	$ 16.32	6.3%	9.7%	5.7%	3.0%
Hong Kong	Wearing Apparel	$ 16.15	0.4%	-1.6%	3.9%	-0.4%
Hong Kong	Textiles	$ 16.04	0.1%	3.1%	1.6%	0.5%
Germany	Aircraft	$ 15.88	23.4%	2.2%	3.3%	1.4%
US East	Organic Chemicals	$ 15.54	25.2%	-0.2%	4.4%	1.9%
Germany	Other Communications Equipment	$ 15.21	12.2%	8.3%	4.5%	2.2%
US South	Wearing Apparel	$ 15.19	12.4%	1.5%	3.1%	2.3%
United Kingdom	Machinery and Equipment, nec.	$ 14.81	6.8%	4.1%	5.3%	2.8%
Japan	Motor Vehicles	$ 14.76	2.0%	2.7%	4.4%	1.7%
US South	Other Communications Equipment	$ 14.58	32.0%	11.5%	9.3%	5.7%
Mexico	Parts of Motor Vehicles	$ 14.58	20.1%	2.6%	5.7%	3.1%
China Mainland	Textiles	$ 14.52	4.0%	13.8%	7.0%	7.8%
US East	Crude Petroleum	$ 14.51	11.8%	11.8%	-2.8%	0.7%
US West	Toys, Games and Sporting Goods	$ 14.50	9.3%	12.5%	5.3%	3.0%
Canada	Machinery and Equipment, nec.	$ 14.44	7.8%	2.6%	4.7%	2.6%
Germany	Synthetic Resins	$ 14.22	4.9%	0.0%	1.7%	0.9%
Philippines	Semi-conductors, Electronic Tubes,etc	$ 14.18	24.5%	12.5%	11.4%	7.7%
United Kingdom	Wearing Apparel	$ 14.16	11.9%	4.7%	0.1%	0.7%
China Mainland	Iron and Steel	$ 14.11	12.5%	18.2%	9.6%	9.6%
France	Iron and Steel	$ 13.95	13.4%	-0.4%	5.4%	2.6%
France	Semi-conductors, Electronic Tubes,etc	$ 13.88	20.4%	-0.2%	7.2%	3.2%
China Mainland	Other Communications Equipment	$ 13.60	20.2%	13.1%	9.9%	10.3%
US East	Other Communications Equipment	$ 13.58	35.7%	-2.9%	9.2%	6.0%
France	Parts of Motor Vehicles	$ 13.57	8.5%	8.5%	5.8%	2.3%
Germany	Organic Chemicals	$ 13.44	8.6%	-2.7%	-1.8%	-1.8%
Italy	Iron and Steel	$ 13.35	8.4%	2.5%	5.9%	2.7%
France	Wearing Apparel	$ 13.25	4.0%	3.8%	-1.4%	0.4%
Japan	Ores	$ 12.94	11.5%	-4.9%	0.9%	0.4%
US West	Machinery and Equipment, nec.	$ 12.84	8.0%	11.8%	5.6%	2.6%
Italy	Non-Ferrous Metals	$ 12.81	16.4%	-1.0%	1.7%	-0.3%
France	Crude Petroleum	$ 12.67	5.8%	3.5%	-0.6%	0.2%
Belgium	Office and Computing Machinery	$ 12.49	29.7%	13.5%	5.0%	2.7%
Belgium	Parts of Motor Vehicles	$ 12.40	7.9%	7.4%	4.8%	2.1%
Germany	Metal Products	$ 12.38	1.3%	1.5%	1.2%	0.2%
Thailand	Semi-conductors, Electronic Tubes,etc	$ 12.25	19.9%	7.9%	10.4%	8.8%

TRANSLATION TO TRADE VOLUME AND MODE

Waterborne (ocean) trade reflects a number of factors. It excludes tonnage moved by air and land. Containerized tonnes in this analysis are based on a study of industry trends and differences across commodities, producing different containerization shares for products and trade routes. In most cases, the differences are quite small. TEUs, or containers, reflect estimates derived from industry sources (including PIERS data). TEUs are calculated as follows:

- TEUs [Commodity, Trade Route] = Total Ocean Metric Tonnes [Commodity, Trade Route] x Containerization Share [Commodity, Trade Route] / Tonnes per Container [Commodity, Trade Route].

Ocean Metric Tonnes, Containerized Tonnes, and TEUs are formulated using the value-driven forecast. [5] For 2002, total worldwide TEUs are estimated at approximately 65 million. Growth in TEUs is expected to slow from the over 6 percent per year achieved in the 1990 – 2004 period to around 5 percent in the medium term, but then to increase to as high as 7 percent in the long-term as Asia continues to develop and draws in intermediate and final products. [6]
The baseline used in this analysis assumes that increasing market demand for traded products can be supplied by more efficient producers in other parts of the world. There is no provision for increased trade protection or more open and balanced trade worldwide. Thus, imbalances that are apparent today are expected to remain, and no specific impediment to trade is imposed.

China's long-term growth rates for imports are forecast to exceed exports, which will shift the balance of trade in the region. China will remain a primary engine of growth for the rest of Asia and ultimately for the world. One problem for a country like the U.S. may be the loss of competitive industries able to supply these needs. The shift of manufacturing to Asia will limit the ability of the U.S. to sell into these faster-growing markets as they develop.

Table 1-5 shows the largest and most important traded commodities exported by China. China's share of the world market will continue to expand, especially in low-value products (measured in 1995 U.S. dollars).

Table 1-5. China's Primary Exports

China's Share of World Market	1990	2000	2050
Textiles	9%	12%	13%
Clothing	20%	27%	58%
Footwear	13%	43%	86%

Source: QuERI-International.

MARITIME TRADE FORECASTING

In developing a maritime trade forecast, it is necessary to balance the likely with the unlikely, which is especially true for the very long-term. Analysts naturally concentrate on past trends when thinking about future growth, assuming that a country once poor is always poor and a country once rich is always rich. Trade is no different. If the United States is specialized in importing manufactures and exporting primary products, then it is assumed to remain specialized. Recovery of industries is not anticipated. Nevertheless, there are many examples of industries that were given up for dead but returned to life through innovation and enlightened trade policy. [7]

[5] Using United Nations trade data, UNCTAD has developed an estimate of total ocean metric tonnes that may be compared to the estimate developed here. The UNCTAD total is larger, probably reflecting the fact that it is based on total tonnes.
[6] The model forecasts a strong growth in textiles starting in 2030 and continuing. This benefits the South Atlantic, but may be unrealistic. Without textiles, long-term growth remains high, but is about 1 percent less per year.
[7] The U.S. automobile industry appeared to be on the verge of extinction as Japanese cars flooded the U.S. in the late 1970s and early 1980s. The U.S. asked the Japanese to impose limits on exports, inducing Japan's leading

The baseline forecast, which reflects the underlying economics alone without human intervention, suggests some surprising trends in global trade. For example, global trade in textiles is expected to grow strongly as more people are fully integrated into the world economy, with the U.S. share actually increasing and growing strongly. This may come to pass or may be an illusion created by the statistical model. The U.S. should have a natural advantage in cotton textiles because it is a cotton producer and in high tech fabrics because it has a strong and dynamic chemical industry, but U.S. textile manufacturers are moving to China. Will this trend be reversed and, more importantly, can an industrial base be reestablished once it has disappeared?

Total metric tonnes of world trade will expand as more countries became wealthier over the long term. Without disruption by protectionism, shifts in production and continued specialization will encourage more international exchange.

Figures 1-6 and 1-7 show worldwide growth rates for total ocean trade exports and imports in metric tonnes. Figures 1-6a and 1-7a have metric tonne data. Figure 1-6 indicates strong U.S. export growth, which is based primarily on an expected surge in demand after 2015 for textiles and organic chemicals, both of which are strong suites for the South Atlantic.

Given the resource balances that would occur, some countries with very large populations would have to import substantial amounts of primary, intermediate, and finished products to meet higher living standards if they developed in keeping with the projected economic baseline.

Figures 1-8 and 1-9 present the same information in terms of TEUs as figures 1-6 and 1-7. Figures 1-8a and 1-9a have TEU data. TEU growth rates are closer to, but not entirely the same as, real trade value growth rates. The containerized product share of world trade is growing because of the increasing use of long-distance supply chains linking the population-rich states of the Asian continent with the wealthy markets of Europe and North America. At the same time, a robust and substantial intra-regional trade has begun to develop in Asia and Latin America. Volume for the world in 2002 is estimated to be 70.6 million TEUs. If the forecast is accurate, a worldwide total of over 700 million TEUs could be reached by 2050, constituting about 4.9 percent growth per year (or about 1 percent less than the average for 1990 - 2000).

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automobile makers and their parts suppliers to shift production from Japan to the U.S. Today, Japanese cars are dominant in the U.S., but are mainly produced in the U.S., thus saving American jobs.

Figure 1-6. Annual Growth Rates for Total Ocean Exports in Metric Tonnes

Figure 1-6a. Total Ocean Exports in Millions of Metric Tonnes

Figure 1-7. Annual Growth Rates for Total Ocean Imports in Metric Tonnes

Figure 1-7a. Total Ocean Imports in Millions of Metric Tonnes

Figure 1-8. Annual Growth Rates for Total Ocean Exports in TEUs

Figure 1-8a. Total Ocean Exports in Million TEUs

Figure 1-9. Annual Growth Rates for Total Ocean Imports in TEUs

Figure 1-9a. Total Ocean Imports in Million TEUs

V. WORLD TRADE FORECAST

The detailed forecast of world maritime trade for 85 countries and 80 commodities was aggregated to seven world regions and 10 commodity groups for the purpose of summarizing the forecast. The full data set is available by 80 commodities and 85 countries. The seven world regions are as follows: (1) Africa; (2) Asia; (3) Europe; (4) Mideast; (5) North America; (6) South America; and (7) the Caribbean. The 10 commodity aggregations are as follows: (1) Agriculture; (2) Capital Equipment; (3) Chemicals; (4) Consumer Goods; (5) Extractive; (6) Food; (7) Fuels; (8) High Tech; (9) Intermediate Manufacturing; and (10) Materials.

Historical world trade has been compiled annually for the period 1995 - 2003 and forecasted annually for the period 2003 - 2050. For purposes of summarizing and reporting, world trade has been compiled by seven regions, 10 commodities, and 11 years, consisting of actual trade in 1995, 2000, and 2003 and forecasted trade in 2004, 2005, 2010, 2015, 2020, 2030, 2040, and 2050. The selection of reporting years was based on a balance of historic data, near-term projections in 2004, 2005, and 2010, and longer-term projections beyond 2015 in terms of what could be fitted into tables in the main body of the report.[8]

World trade has been projected in metric tonnes and TEUs as follows: (1) All Commodities (metric tonnes); (2) Containerized Commodities (metric tonnes); and (3) TEUs. As explained in the methodology section of this report, the containerized commodities are a subset of all commodities, and TEUs are developed from the containerized commodities based on commodity density relationships. For each forecast grouping (all commodities, containerized commodities, and TEUs), there are two sets of projections for exports (origin/destination) and imports (destination/origin) with respect to the seven world regions.[9]

The world waterborne trade forecasts for the 10 commodity categories for all commodities (metric tonnes), containerized commodities (metric tonnes) and TEUs for exports and imports are contained in an Appendix A. The world trade forecasts are summarized for all commodities in six tables for the seven regions. The forecasts reflect origin/destination (exports) and destination/origin (imports) for all commodities (metric tonnes), containerized commodities (metric tonnes), and TEUs as follows:

Table 1-6 – Origin/Destination World Commodity Forecast (metric tonnes)
Table 1-7 – Destination/Origin World Commodity Forecast (metric tonnes)
Table1-8 – Origin/Destination World Containerized Commodity Forecast (metric tonnes)
Table 1-9 – Destination/Origin World Containerized Commodity Forecast (metric tonnes)
Table 1-10 – Origin/Destination World Containerized Commodity Forecast (TEUs)
Table 1-11 – Destination/Origin World Containerized Commodity Forecast (TEUs)

The most striking phenomenon exhibited by the forecasts is the growth in Asia's, and China's imports and exports. For example, in terms of TEUs (see tables 1-10 and 1-11), exports from Asia to Europe essentially doubled between 1995 and 2003, increasing from 3.584 million TEUs

[8] The full forecast is available on a cd-rom.
[9] Intra-regional trade is measured as a single flow. Thus, Africa-to-Africa flows are identical for "Exports" and "Imports."

Table 1-6. World Commodity Forecast for all Commodities, Sorted by Origin, by Major Region, 1995-2050, Selected Years (Metric Tonnes)

Origin	Destination	1995	2000	2003	2004	2005	2010	2015	2020	2030	2040	2050
Africa	Africa	16,119,815	18,570,062	18,705,672	19,173,593	19,548,245	22,329,642	25,201,003	29,686,727	44,641,008	71,327,388	118,358,623
Africa	Asia	49,626,221	76,567,021	79,636,623	83,997,195	90,550,075	109,504,337	124,808,720	144,909,012	205,787,188	310,283,263	485,566,365
Africa	Europe	174,787,782	210,918,747	246,398,810	252,792,731	256,339,051	273,083,816	270,805,279	275,011,643	290,526,369	312,884,425	340,286,312
Africa	Mideast	15,964,486	27,993,726	28,611,237	29,637,624	31,224,288	40,834,093	43,343,251	47,676,548	60,070,612	77,964,999	104,142,452
Africa	North America	22,056,850	28,294,330	32,290,099	37,183,274	40,556,192	52,640,486	55,809,602	57,806,795	62,877,536	69,112,430	76,416,329
Africa	South America	7,352,106	12,404,419	15,762,403	16,509,515	17,281,858	20,366,812	22,121,008	23,531,827	26,696,272	30,350,741	34,593,543
Africa	Caribbean	418,792	625,039	628,356	629,000	628,529	634,016	637,546	647,949	691,945	775,900	924,319
Asia	Africa	6,980,958	16,210,057	16,758,227	17,466,196	18,179,117	23,358,079	28,654,512	36,082,458	60,964,451	111,959,012	221,478,744
Asia	Asia	830,112,869	1,118,373,970	1,194,236,621	1,272,841,839	1,352,561,453	1,657,775,953	1,898,712,592	2,260,262,964	3,447,796,973	5,717,323,287	10,046,217,613
Asia	Europe	98,467,002	141,446,301	166,540,668	173,876,750	181,964,611	203,689,723	214,748,996	229,160,795	268,601,172	328,863,887	424,160,492
Asia	Mideast	24,574,957	40,378,634	41,236,358	43,506,302	45,702,488	55,331,596	63,956,647	75,639,772	108,878,592	165,477,976	269,840,988
Asia	North America	59,268,697	103,309,700	101,597,810	107,681,260	116,459,281	157,519,494	187,477,705	216,878,919	289,826,523	384,710,137	504,636,031
Asia	South America	18,104,142	30,107,624	33,509,443	35,053,719	36,960,995	43,186,230	46,997,256	50,676,408	60,103,623	76,408,315	106,475,481
Asia	Caribbean	1,202,419	4,717,962	4,931,544	5,184,879	5,442,832	6,267,474	7,207,580	8,449,421	12,867,081	22,192,430	40,976,192
Europe	Africa	40,390,256	53,630,793	54,621,647	58,359,651	61,592,738	81,148,734	101,240,266	127,913,219	211,460,989	377,423,214	740,914,107
Europe	Asia	94,357,313	120,763,061	133,702,791	140,501,149	149,492,927	202,909,651	263,436,137	350,962,048	658,362,252	1,326,520,812	2,731,292,100
Europe	Europe	438,571,984	552,209,847	621,310,371	634,647,887	651,516,950	736,910,196	771,183,663	814,607,020	926,963,664	1,081,261,133	1,287,257,309
Europe	Mideast	55,837,663	93,700,659	100,972,535	106,934,682	112,374,690	140,012,009	162,197,865	190,939,726	267,972,895	381,434,152	553,016,850
Europe	North America	59,763,537	98,703,985	111,082,832	120,701,969	128,340,979	158,481,350	179,362,071	198,590,515	247,213,675	311,360,084	392,517,396
Europe	South America	16,239,675	19,819,191	24,347,217	26,043,025	27,681,782	36,136,170	40,854,986	45,229,569	54,983,435	66,943,951	82,152,203
Europe	Caribbean	17,537,114	39,360,656	40,073,516	44,449,646	46,573,321	53,459,040	59,116,537	64,158,825	69,605,705	72,759,131	75,919,833
Mideast	Africa	24,843,427	45,663,523	45,676,956	46,772,370	47,215,961	50,723,615	54,629,261	61,680,805	81,122,794	114,652,414	176,732,786
Mideast	Asia	551,618,152	662,116,141	633,952,983	662,978,048	657,938,526	664,269,853	653,802,950	701,817,129	880,261,725	1,202,217,564	1,751,641,316
Mideast	Europe	169,087,559	199,826,171	244,104,981	249,746,854	254,919,623	286,885,558	289,409,056	298,313,322	323,867,353	358,993,605	404,304,785
Mideast	Mideast	42,295,785	56,535,021	58,412,028	60,299,301	61,396,153	65,761,444	67,657,100	74,502,725	94,400,128	126,253,725	173,204,151
Mideast	North America	5,530,958	11,140,093	13,490,306	15,040,114	16,198,402	19,920,109	22,161,903	24,272,021	29,380,744	35,887,998	43,954,308
Mideast	South America	14,770,972	11,652,107	14,556,779	13,450,090	13,427,695	13,155,081	12,885,760	13,271,997	14,443,072	16,032,074	18,003,658
Mideast	Caribbean	713,247	1,113,130	1,124,840	1,195,249	1,235,473	1,327,840	1,409,629	1,499,104	1,666,235	1,899,862	2,300,824
North America	Africa	7,366,710	6,351,903	6,737,899	7,037,992	7,237,956	8,294,344	9,294,045	10,400,161	13,188,430	17,716,936	26,621,064
North America	Asia	168,064,835	137,693,263	145,913,294	151,004,865	153,073,719	161,775,300	166,311,968	174,932,536	202,616,239	244,581,385	326,050,436
North America	Europe	116,359,650	94,357,459	88,265,861	90,912,101	94,106,663	98,282,364	97,895,952	100,317,496	107,833,688	119,793,550	137,499,173
North America	Mideast	9,784,617	7,141,269	7,315,863	7,559,351	7,887,963	9,524,833	10,414,314	11,433,056	13,806,034	16,575,365	19,764,212
North America	North America	133,578,195	175,414,217	208,938,211	227,360,830	237,075,625	270,595,095	289,423,256	303,132,407	337,121,983	379,242,435	433,893,490
North America	South America	37,002,408	36,518,821	40,054,102	41,745,697	42,957,909	49,042,574	53,411,507	57,701,122	67,989,103	82,022,131	101,103,903
North America	Caribbean	10,683,203	12,374,610	14,790,806	14,871,001	14,933,453	15,494,072	16,559,534	18,140,498	23,692,694	34,238,695	53,267,937
South America	Africa	6,983,325	14,161,923	14,039,247	14,644,126	15,269,125	18,447,577	20,945,965	23,488,798	28,973,814	35,362,891	43,688,978
South America	Asia	89,515,396	111,935,984	123,243,619	136,868,118	149,287,911	180,175,047	204,838,012	239,349,423	345,386,758	533,970,901	880,592,267
South America	Europe	123,881,263	166,791,773	188,140,161	185,375,151	190,181,906	225,399,917	233,294,751	241,392,817	263,969,619	291,597,938	325,164,234
South America	Mideast	12,873,829	23,105,036	23,508,853	24,249,901	25,371,146	31,376,200	34,152,380	38,097,357	48,316,209	61,734,037	78,142,615
South America	North America	144,736,642	188,742,510	201,087,815	220,354,069	235,088,652	277,068,374	303,303,956	323,794,532	374,388,270	439,630,681	522,046,966
South America	South America	46,188,044	63,572,443	72,463,289	74,385,473	77,867,282	92,356,073	100,912,055	109,931,425	131,447,530	159,977,375	200,493,079
South America	Caribbean	23,990,571	53,968,628	53,627,164	56,387,578	59,331,838	80,567,147	119,979,603	199,611,959	572,140,801	1,502,706,269	3,801,402,272
Caribbean	Africa	434,831	546,595	546,714	577,993	609,287	817,871	1,063,973	1,468,168	3,017,578	6,617,716	13,831,087
Caribbean	Asia	1,748,122	1,866,386	2,129,800	2,272,467	2,431,359	3,474,472	4,211,059	5,130,192	7,388,277	10,719,037	15,607,710
Caribbean	Europe	10,319,536	15,106,302	16,875,241	17,682,432	18,444,789	22,394,400	24,329,931	26,053,989	29,763,734	33,851,531	38,337,559
Caribbean	Mideast	261,644	532,693	564,951	589,456	612,345	708,272	771,122	854,853	1,054,180	1,311,639	1,636,337
Caribbean	North America	3,381,194	5,411,351	6,378,759	6,749,349	7,083,814	8,563,701	9,884,111	11,033,392	13,844,113	17,415,689	21,839,882
Caribbean	South America	4,256,565	5,359,606	5,940,751	6,210,064	6,423,929	7,492,678	8,098,262	8,639,149	9,780,636	11,110,065	12,715,732
Caribbean	Caribbean	8,376,600	11,531,370	11,478,597	12,005,891	12,426,382	14,732,134	17,284,982	20,976,955	33,750,358	58,960,972	107,418,436
Total		**3,816,381,917**	**4,928,636,115**	**5,310,314,649**	**5,575,497,817**	**5,801,007,291**	**6,754,204,846**	**7,396,209,616**	**8,350,059,549**	**11,431,504,060**	**17,212,411,148**	**28,368,402,479**
Average Annual Growth Rate			**5.25%**	**2.52%**	**4.99%**	**4.04%**	**3.09%**	**1.83%**	**2.46%**	**3.19%**	**4.18%**	**5.12%**

Table 1-7. World Commodity Forecast for all Commodities, Sorted by Destination, by Major Region, 1995-2050, Selected Years (Metric Tonnes)

Destination	Origin	1995	2000	2003	2004	2005	2010	2015	2020	2030	2040	2050
Africa	Africa	16,119,815	18,570,062	18,705,672	19,173,593	19,548,245	22,329,642	25,201,003	29,686,727	44,641,008	71,327,388	118,358,623
Africa	Asia	6,980,958	16,210,057	16,758,227	17,466,196	18,179,117	23,358,079	28,654,512	36,082,458	60,964,451	111,959,012	221,478,744
Africa	Europe	40,390,256	53,630,793	54,621,647	58,359,651	61,592,738	81,148,734	101,240,266	127,913,219	211,460,989	377,423,214	740,914,107
Africa	Mideast	24,843,427	45,663,523	45,676,956	46,772,370	47,215,961	50,723,615	54,629,261	61,680,805	81,122,794	114,652,414	176,732,786
Africa	North America	7,366,710	6,351,903	6,737,899	7,037,992	7,237,956	8,294,344	9,294,045	10,400,161	13,188,430	17,716,936	26,621,064
Africa	South America	6,983,325	14,161,923	14,039,247	14,644,126	15,269,125	18,447,577	20,945,965	23,488,798	28,973,814	35,362,891	43,688,978
Africa	Caribbean	434,831	546,595	546,714	577,993	609,287	817,871	1,063,973	1,468,168	3,017,578	6,617,716	13,831,087
Asia	Africa	49,626,221	76,567,021	79,636,623	83,997,195	90,550,075	109,504,337	124,808,720	144,909,012	205,787,188	310,283,263	485,566,365
Asia	Asia	830,112,869	1,118,373,970	1,194,236,621	1,272,841,839	1,352,561,453	1,657,775,953	1,898,712,592	2,260,262,964	3,447,796,973	5,717,323,287	10,046,217,613
Asia	Europe	94,357,313	120,763,061	133,702,791	140,501,149	149,492,927	202,909,651	263,436,137	350,962,048	658,362,252	1,326,520,812	2,731,292,100
Asia	Mideast	551,618,152	662,116,141	633,952,983	662,978,048	657,938,526	664,269,853	653,802,950	701,817,129	880,261,725	1,202,217,564	1,751,641,316
Asia	North America	168,064,835	137,693,263	145,913,294	151,004,865	153,073,719	161,775,300	166,311,968	174,932,536	202,616,239	244,581,385	326,050,436
Asia	South America	89,515,396	111,935,984	123,243,619	136,868,118	149,287,911	180,175,047	204,838,012	239,349,423	345,386,758	533,970,901	880,592,267
Asia	Caribbean	1,748,122	1,866,386	2,129,800	2,272,467	2,431,359	3,474,472	4,211,059	5,130,192	7,388,277	10,719,037	15,607,710
Europe	Africa	174,787,782	210,918,747	246,398,810	252,792,731	256,339,051	273,083,816	270,805,279	275,011,643	290,526,369	312,884,425	340,286,312
Europe	Asia	98,467,002	141,446,301	166,540,668	173,876,750	181,964,611	203,689,723	214,748,996	229,160,795	268,601,172	328,863,887	424,160,492
Europe	Europe	438,571,984	552,209,847	621,310,371	634,647,887	651,516,950	736,910,196	771,183,663	814,607,020	926,963,664	1,081,261,133	1,287,257,309
Europe	Mideast	169,087,559	199,826,171	244,104,981	249,746,854	254,919,623	286,885,558	289,409,056	298,313,322	323,867,353	358,993,605	404,304,785
Europe	North America	116,359,650	94,357,459	88,265,861	90,912,101	94,106,663	98,282,364	97,895,952	100,317,496	107,833,688	119,793,550	137,499,173
Europe	South America	123,881,263	166,791,773	188,140,161	185,375,151	190,181,906	225,399,917	233,294,751	241,392,817	263,969,619	291,597,938	325,164,234
Europe	Caribbean	10,319,536	15,106,302	16,875,241	17,682,432	18,444,789	22,394,400	24,329,931	26,053,989	29,763,734	33,851,531	38,337,559
Mideast	Africa	15,964,486	27,993,726	28,611,237	29,637,624	31,224,288	40,834,093	43,343,251	47,676,548	60,070,612	77,964,999	104,142,452
Mideast	Asia	24,574,957	40,378,634	41,236,358	43,506,302	45,702,488	55,331,596	63,956,647	75,639,772	108,878,592	165,477,976	269,840,988
Mideast	Europe	55,837,663	93,700,659	100,972,535	106,934,682	112,374,690	140,012,009	162,197,865	190,939,726	267,972,895	381,434,152	553,016,850
Mideast	Mideast	42,295,785	56,535,021	58,412,028	60,299,301	61,396,153	65,761,444	67,657,100	74,502,725	94,400,128	126,253,725	173,204,151
Mideast	North America	9,784,617	7,141,269	7,315,863	7,559,351	7,887,963	9,524,833	10,414,314	11,433,056	13,806,034	16,575,365	19,764,212
Mideast	South America	12,873,829	23,105,036	23,508,853	24,249,901	25,371,146	31,376,200	34,152,380	38,097,357	48,316,209	61,734,037	78,142,615
Mideast	Caribbean	261,644	532,693	564,951	589,456	612,345	708,272	771,122	854,853	1,054,180	1,311,639	1,636,337
North America	Africa	22,056,850	28,294,330	32,290,099	37,183,274	40,556,192	52,640,486	55,809,602	57,806,795	62,877,536	69,112,430	76,416,329
North America	Asia	59,268,697	103,309,700	101,597,810	107,681,260	116,459,281	157,519,494	187,477,705	216,878,919	289,826,523	384,710,137	504,636,031
North America	Europe	59,763,537	98,703,985	111,082,832	120,701,969	128,340,979	158,481,350	179,362,071	198,590,515	247,213,675	311,360,084	392,517,396
North America	Mideast	5,530,958	11,140,093	13,490,306	15,040,114	16,198,402	19,920,109	22,161,903	24,272,021	29,380,744	35,887,998	43,954,308
North America	North America	133,578,195	175,414,217	208,938,211	227,360,830	237,075,625	270,595,095	289,423,256	303,132,407	337,121,983	379,242,435	433,893,490
North America	South America	144,736,642	188,742,510	201,087,815	220,354,069	235,088,652	277,068,374	303,303,956	323,794,532	374,388,270	439,630,681	522,046,966
North America	Caribbean	3,381,194	5,411,351	6,378,759	6,749,349	7,083,814	8,563,701	9,884,111	11,033,392	13,844,113	17,415,689	21,839,882
South America	Africa	7,352,106	12,404,419	15,762,403	16,509,515	17,281,858	20,366,812	22,121,008	23,531,827	26,696,272	30,350,741	34,593,543
South America	Asia	18,104,142	30,107,624	33,509,443	35,053,719	36,960,995	43,186,230	46,997,256	50,676,408	60,103,623	76,408,315	106,475,481
South America	Europe	16,239,675	19,819,191	24,347,217	26,043,025	27,681,782	36,136,170	40,854,986	45,229,569	54,983,435	66,943,951	82,152,203
South America	Mideast	14,770,972	11,652,107	14,556,779	13,450,090	13,427,695	13,155,081	12,885,760	13,271,997	14,443,072	16,032,074	18,003,658
South America	North America	37,002,408	36,518,821	40,054,102	41,745,697	42,957,909	49,042,574	53,411,507	57,701,122	67,989,103	82,022,131	101,103,903
South America	South America	46,188,044	63,572,443	72,463,289	74,385,473	77,867,282	92,356,073	100,912,055	109,931,425	131,447,530	159,977,375	200,493,079
South America	Caribbean	4,256,565	5,359,606	5,940,751	6,210,064	6,423,929	7,492,678	8,098,262	8,639,149	9,780,636	11,110,065	12,715,732
Caribbean	Africa	418,792	625,039	628,356	629,000	628,529	634,016	637,546	647,949	691,945	775,900	924,319
Caribbean	Asia	1,202,419	4,717,962	4,931,544	5,184,879	5,442,832	6,267,474	7,207,580	8,449,421	12,867,081	22,192,430	40,976,192
Caribbean	Europe	17,537,114	39,360,656	40,073,516	44,449,646	46,573,321	53,459,040	59,116,537	64,158,825	69,605,705	72,759,131	75,919,833
Caribbean	Mideast	713,247	1,113,130	1,124,840	1,195,249	1,235,473	1,327,840	1,409,629	1,499,104	1,666,235	1,899,862	2,300,824
Caribbean	North America	10,683,203	12,374,610	14,790,806	14,871,001	14,933,453	15,494,072	16,559,534	18,140,498	23,692,694	34,238,695	53,267,937
Caribbean	South America	23,990,571	53,968,628	53,627,164	56,387,578	59,331,838	80,567,147	119,979,603	199,611,959	572,140,801	1,502,706,269	3,801,402,272
Caribbean	Caribbean	8,376,600	11,531,370	11,478,597	12,005,891	12,426,382	14,732,134	17,284,982	20,976,955	33,750,358	58,960,972	107,418,436
Total		**3,816,381,917**	**4,928,636,115**	**5,310,314,649**	**5,575,497,817**	**5,801,007,291**	**6,754,204,846**	**7,396,209,616**	**8,350,059,549**	**11,431,504,060**	**17,212,411,148**	**28,368,402,479**
Average Annual Growth Rate			**5.25%**	**2.52%**	**4.99%**	**4.04%**	**3.09%**	**1.83%**	**2.46%**	**3.19%**	**4.18%**	**5.12%**

Table 1-8. Containerized World Commodity Forecast for all Commodities, Sorted by Origin, by Major Region, 1995-2050, Selected Years
(Metric Tonnes)

Origin	Destination	1995	2000	2003	2004	2005	2010	2015	2020	2030	2040	2050
Africa	Africa	2,474,462	3,213,048	3,376,790	3,473,708	3,551,520	4,003,242	4,573,477	5,718,471	10,191,732	20,591,039	45,597,326
Africa	Asia	1,892,668	2,909,890	3,221,246	3,388,523	3,592,101	4,566,118	5,576,150	7,001,502	11,559,063	20,178,055	36,611,711
Africa	Europe	4,336,969	5,940,507	7,161,032	7,348,194	7,535,650	8,311,190	8,879,570	9,417,853	10,754,439	12,470,050	14,690,406
Africa	Mideast	941,810	1,273,536	1,372,173	1,445,902	1,518,432	1,856,049	2,138,382	2,582,583	3,815,741	5,990,279	10,070,544
Africa	North America	327,030	571,612	696,310	751,047	813,100	1,003,799	1,128,656	1,246,182	1,529,706	1,870,638	2,276,751
Africa	South America	347,245	115,660	144,710	153,407	160,664	201,269	225,980	249,518	300,436	362,661	447,084
Africa	Caribbean	21,531	40,963	43,996	46,455	48,210	56,418	62,634	70,711	97,077	147,624	247,001
Asia	Africa	3,088,089	6,034,181	6,432,963	6,654,995	6,931,432	9,292,892	12,322,295	17,215,124	35,775,553	77,453,383	171,545,098
Asia	Asia	115,858,050	175,781,292	203,207,516	215,876,210	229,375,536	301,722,036	376,355,836	484,996,222	852,017,120	1,595,757,293	3,034,438,337
Asia	Europe	26,359,908	45,395,716	56,898,641	58,580,775	59,827,680	69,696,496	77,760,483	87,459,923	114,113,643	156,806,734	230,248,148
Asia	Mideast	8,044,587	12,430,793	12,956,284	13,699,906	14,426,518	18,376,184	22,060,992	27,574,269	45,629,194	81,479,443	155,367,629
Asia	North America	27,587,129	46,304,923	55,925,187	58,193,565	62,539,566	84,608,368	101,234,032	117,906,209	159,647,375	213,800,261	281,603,888
Asia	South America	2,349,835	3,703,420	4,466,996	4,815,618	5,151,650	7,035,463	8,402,615	10,172,933	15,832,816	27,091,622	50,815,569
Asia	Caribbean	639,564	1,161,295	1,192,323	1,253,420	1,316,480	1,735,213	2,395,662	3,387,497	7,158,913	15,388,229	32,358,848
Europe	Africa	10,677,015	12,470,444	13,060,935	13,889,636	14,636,676	19,150,020	22,753,825	26,784,241	36,909,017	51,622,499	74,607,491
Europe	Asia	23,422,247	29,923,994	34,101,556	36,012,424	38,271,954	51,697,400	65,344,098	85,734,716	157,923,404	312,755,877	638,813,047
Europe	Europe	45,605,245	61,098,182	71,307,355	73,477,146	75,897,831	88,598,259	98,093,047	108,367,883	133,914,988	170,661,002	225,216,359
Europe	Mideast	12,441,557	16,889,937	18,837,755	20,360,128	21,948,096	30,153,249	35,704,759	42,716,948	61,256,824	87,837,720	125,894,359
Europe	North America	13,928,875	21,832,926	23,433,737	24,733,752	26,765,317	34,079,515	38,965,596	43,592,963	55,385,249	70,888,393	90,466,708
Europe	South America	4,779,461	5,675,077	7,015,252	7,671,424	8,337,840	11,876,375	13,738,486	15,530,335	19,627,670	24,705,205	31,103,672
Europe	Caribbean	2,190,274	2,207,322	2,288,428	2,443,497	2,580,271	3,162,721	3,362,084	3,553,048	3,938,117	4,442,219	5,212,204
Mideast	Africa	1,167,717	2,167,002	2,251,599	2,391,455	2,535,809	3,604,249	5,133,080	7,717,551	17,749,964	40,988,028	91,457,363
Mideast	Asia	3,535,366	5,484,639	5,996,597	6,304,669	6,560,693	7,975,394	9,760,332	12,327,559	21,356,097	39,377,030	71,627,578
Mideast	Europe	5,280,846	8,511,953	9,905,068	10,426,318	10,945,924	12,936,663	14,675,891	16,461,215	20,903,608	27,355,945	37,715,556
Mideast	Mideast	4,869,459	7,200,602	7,641,882	8,117,473	8,604,497	10,985,883	12,968,542	15,840,547	24,790,791	41,356,535	68,680,044
Mideast	North America	652,531	1,182,653	1,448,274	1,596,208	1,766,142	2,234,000	2,580,478	2,934,090	3,786,505	4,858,809	6,178,339
Mideast	South America	129,506	221,611	277,636	292,832	309,332	392,572	438,882	485,073	596,202	759,637	1,040,772
Mideast	Caribbean	26,764	71,317	74,141	77,923	81,040	91,923	101,437	114,431	161,058	262,183	490,818
North America	Africa	667,933	553,740	644,999	643,981	649,774	769,086	913,669	1,153,605	2,053,009	4,094,471	8,919,236
North America	Asia	39,430,592	36,971,982	44,297,457	45,933,185	46,566,616	50,088,870	53,336,781	58,896,340	75,871,102	106,033,723	161,046,773
North America	Europe	13,260,314	14,307,089	15,566,287	16,028,802	16,354,248	17,264,777	18,301,901	19,723,794	23,367,519	28,550,599	36,228,516
North America	Mideast	1,039,273	1,386,259	1,625,053	1,669,416	1,689,721	2,054,105	2,274,927	2,519,891	3,089,383	3,775,407	4,587,414
North America	North America	915,384	1,481,709	2,319,919	2,451,494	2,564,711	3,224,188	3,678,078	4,115,582	5,103,339	6,265,706	7,610,161
North America	South America	7,657,465	7,973,009	7,904,649	8,284,607	8,499,900	10,031,440	11,188,407	12,464,141	16,000,637	21,498,121	29,428,521
North America	Caribbean	2,104,018	2,780,587	3,216,012	3,381,648	3,542,289	4,421,405	5,576,838	7,080,471	12,291,353	22,584,006	41,737,104
South America	Africa	476,801	658,631	686,646	716,026	731,189	881,104	1,022,005	1,213,838	1,847,195	3,117,232	5,918,715
South America	Asia	4,789,821	5,513,544	6,290,797	6,585,070	6,827,716	8,315,940	9,582,174	11,516,372	17,993,039	31,155,276	58,691,218
South America	Europe	7,526,027	9,977,116	12,575,320	13,078,592	13,481,176	15,939,507	17,098,291	17,564,540	20,425,528	24,477,897	31,115,685
South America	Mideast	985,393	1,642,410	1,732,073	1,835,807	1,952,052	2,483,955	2,876,780	3,422,898	5,081,265	7,789,459	11,767,760
South America	North America	4,766,716	7,634,131	11,467,719	11,949,004	12,558,142	15,572,475	17,643,952	19,620,599	24,368,998	30,271,096	37,673,079
South America	South America	4,587,595	6,806,509	8,291,400	8,810,733	9,370,967	12,436,508	14,382,577	16,604,420	22,465,121	31,405,336	45,704,374
South America	Caribbean	1,175,465	2,130,322	2,175,683	2,315,459	2,446,002	3,198,349	4,119,047	5,529,354	10,841,830	22,559,981	47,443,132
Caribbean	Africa	28,169	49,880	51,663	52,923	53,933	62,643	76,373	103,173	217,118	494,189	1,072,726
Caribbean	Asia	192,712	270,947	309,621	313,430	315,187	372,456	393,191	425,337	530,134	714,546	1,043,444
Caribbean	Europe	1,158,457	1,379,305	1,692,923	1,771,521	1,826,302	1,962,056	2,057,694	2,150,786	2,365,698	2,671,238	3,136,545
Caribbean	Mideast	62,459	122,170	132,200	133,075	135,090	138,478	140,484	152,802	183,907	237,004	316,688
Caribbean	North America	612,129	1,454,979	1,688,819	1,735,700	1,800,413	1,926,314	2,107,976	2,279,042	2,720,501	3,299,595	4,035,481
Caribbean	South America	537,945	854,158	1,006,848	1,058,668	1,101,269	1,316,569	1,420,760	1,528,383	1,753,905	2,030,929	2,405,267
Caribbean	Caribbean	953,394	2,016,072	2,053,868	2,180,321	2,297,677	2,964,826	3,775,541	4,991,092	9,546,754	19,099,246	37,458,686
Total		**415,903,802**	**585,779,045**	**680,466,339**	**714,406,073**	**750,794,332**	**944,828,009**	**1,118,704,744**	**1,350,216,056**	**2,084,839,637**	**3,479,383,450**	**6,112,163,178**
Average Annual Growth Rate			**7.09%**	**5.12%**	**4.99%**	**5.09%**	**4.70%**	**3.44%**	**3.83%**	**4.44%**	**5.26%**	**5.80%**

Table 1-9. Containerized World Commodity Forecast for all Commodities, Sorted by Destination, by Major Region, 1995-2050, Selected Years
(Metric Tonnes)

Destination	Origin	1995	2000	2003	2004	2005	2010	2015	2020	2030	2040	2050
Africa	Africa	2,474,462	3,213,048	3,376,790	3,473,708	3,551,520	4,003,242	4,573,477	5,718,471	10,191,732	20,591,039	45,597,326
Africa	Asia	3,088,089	6,034,181	6,432,963	6,654,995	6,931,432	9,292,892	12,322,295	17,215,124	35,775,553	77,453,383	171,545,098
Africa	Europe	10,677,015	12,470,444	13,060,935	13,889,636	14,636,676	19,150,020	22,753,825	26,784,241	36,909,017	51,622,499	74,607,491
Africa	Mideast	1,167,717	2,167,002	2,251,599	2,391,455	2,535,809	3,604,249	5,133,080	7,717,551	17,749,964	40,988,028	91,457,363
Africa	North America	667,933	553,740	644,999	643,981	649,774	769,086	913,669	1,153,605	2,053,009	4,094,471	8,919,236
Africa	South America	476,801	658,631	686,646	716,026	731,189	881,104	1,022,005	1,213,838	1,847,195	3,117,232	5,918,715
Africa	South America	28,169	49,880	51,663	52,923	53,933	62,643	76,373	103,173	217,118	494,189	1,072,726
Asia	Africa	1,892,668	2,909,890	3,221,246	3,388,523	3,592,101	4,566,118	5,576,150	7,001,502	11,559,063	20,178,055	36,611,711
Asia	Asia	115,858,050	175,781,292	203,207,516	215,876,210	229,375,536	301,722,036	376,355,836	484,996,222	852,017,120	1,595,757,293	3,034,438,337
Asia	Europe	23,422,247	29,923,994	34,101,556	36,012,424	38,271,954	51,697,400	65,344,098	85,734,716	157,923,404	312,755,877	638,813,047
Asia	Mideast	3,535,366	5,484,639	5,996,597	6,304,669	6,560,693	7,975,394	9,760,332	12,327,559	21,356,097	39,377,030	71,627,578
Asia	North America	39,430,592	36,971,982	44,297,457	45,933,185	46,566,616	50,088,870	53,336,781	58,896,340	75,871,102	106,033,723	161,046,773
Asia	South America	4,789,821	5,513,544	6,290,797	6,585,070	6,827,716	8,315,940	9,582,174	11,516,372	17,993,039	31,155,276	58,691,218
Asia	South America	192,712	270,947	309,621	313,430	315,187	372,456	393,191	425,337	530,134	714,546	1,043,444
Europe	Africa	4,336,969	5,940,507	7,161,032	7,348,194	7,535,650	8,311,190	8,879,570	9,417,853	10,754,439	12,470,050	14,690,406
Europe	Asia	26,359,908	45,395,716	56,898,641	58,580,775	59,827,680	69,696,496	77,760,483	87,459,923	114,113,643	156,806,734	230,248,148
Europe	Europe	45,605,245	61,098,182	71,307,355	73,477,146	75,897,831	88,598,259	98,093,047	108,367,883	133,914,988	170,661,002	225,216,359
Europe	Mideast	5,280,846	8,511,953	9,905,068	10,426,318	10,945,924	12,936,663	14,675,891	16,461,215	20,903,608	27,355,945	37,715,556
Europe	North America	13,260,314	14,307,089	15,566,287	16,028,802	16,354,248	17,264,777	18,301,901	19,723,794	23,367,519	28,550,599	36,228,516
Europe	South America	7,526,027	9,977,116	12,575,320	13,078,592	13,481,176	15,939,507	17,098,291	17,564,540	20,425,528	24,477,897	31,115,685
Europe	South America	1,158,457	1,379,305	1,692,923	1,771,521	1,826,302	1,962,056	2,057,694	2,150,786	2,365,698	2,671,238	3,136,545
Mideast	Africa	941,810	1,273,536	1,372,173	1,445,902	1,518,432	1,856,049	2,138,382	2,582,583	3,815,741	5,990,279	10,070,544
Mideast	Asia	8,044,587	12,430,793	12,956,284	13,699,906	14,426,518	18,376,184	22,060,992	27,574,269	45,629,194	81,479,443	155,367,629
Mideast	Europe	12,441,557	16,889,937	18,837,755	20,360,128	21,948,096	30,153,249	35,704,759	42,716,948	61,256,824	87,837,720	125,894,359
Mideast	Mideast	4,869,459	7,200,602	7,641,882	8,117,473	8,604,497	10,985,883	12,968,542	15,840,547	24,790,791	41,356,535	68,680,044
Mideast	North America	1,039,273	1,386,259	1,625,053	1,669,416	1,689,721	2,054,105	2,274,927	2,519,891	3,089,383	3,775,407	4,587,414
Mideast	South America	985,393	1,642,410	1,732,073	1,835,807	1,952,052	2,483,955	2,876,780	3,422,898	5,081,265	7,789,459	11,767,760
Mideast	South America	62,459	122,170	132,200	133,075	135,090	138,478	140,484	152,802	183,907	237,004	316,688
North America	Africa	327,030	571,612	696,310	751,047	813,100	1,003,799	1,128,656	1,246,182	1,529,706	1,870,638	2,276,751
North America	Asia	27,587,129	46,304,923	55,925,187	58,193,565	62,539,566	84,608,368	101,234,032	117,906,209	159,647,375	213,800,261	281,603,888
North America	Europe	13,928,875	21,832,926	23,433,737	24,733,752	26,765,317	34,079,515	38,965,596	43,592,963	55,385,249	70,888,393	90,466,708
North America	Mideast	652,531	1,182,653	1,448,274	1,596,208	1,766,142	2,234,000	2,580,478	2,934,090	3,786,505	4,858,809	6,178,339
North America	North America	915,384	1,481,709	2,319,919	2,451,494	2,564,711	3,224,188	3,678,078	4,115,582	5,103,339	6,265,706	7,610,161
North America	South America	4,766,716	7,634,131	11,467,719	11,949,004	12,558,142	15,572,475	17,643,952	19,620,599	24,368,998	30,271,096	37,673,079
North America	South America	612,129	1,454,979	1,688,819	1,735,700	1,800,413	1,926,314	2,107,976	2,279,042	2,720,501	3,299,595	4,035,481
South America	Africa	347,245	115,660	144,710	153,407	160,664	201,269	225,980	249,518	300,436	362,661	447,084
South America	Asia	2,349,835	3,703,420	4,466,996	4,815,618	5,151,650	7,035,463	8,402,615	10,172,933	15,832,816	27,091,622	50,815,569
South America	Europe	4,779,461	5,675,077	7,015,252	7,671,424	8,337,840	11,876,375	13,738,486	15,530,335	19,627,670	24,705,205	31,103,672
South America	Mideast	129,506	221,611	277,636	292,832	309,332	392,572	438,882	485,073	596,202	759,637	1,040,772
South America	North America	7,657,465	7,973,009	7,904,649	8,284,607	8,499,900	10,031,440	11,188,407	12,464,141	16,000,637	21,498,121	29,428,521
South America	South America	4,587,595	6,806,509	8,291,400	8,810,733	9,370,967	12,436,508	14,382,577	16,604,420	22,465,121	31,405,336	45,704,374
South America	South America	537,945	854,158	1,006,848	1,058,668	1,101,269	1,316,569	1,420,760	1,528,383	1,753,905	2,030,929	2,405,267
South America	Africa	21,531	40,963	43,996	46,455	48,210	56,418	62,634	70,711	97,077	147,624	247,001
South America	Asia	639,564	1,161,295	1,192,323	1,253,420	1,316,480	1,735,213	2,395,662	3,387,497	7,158,913	15,388,229	32,358,848
South America	Europe	2,190,274	2,207,322	2,288,428	2,443,497	2,580,271	3,162,721	3,362,084	3,553,048	3,938,117	4,442,219	5,212,204
South America	Mideast	26,764	71,317	74,141	77,923	81,040	91,923	101,437	114,431	161,058	262,183	490,818
South America	North America	2,104,018	2,780,587	3,216,012	3,381,648	3,542,289	4,421,405	5,576,838	7,080,471	12,291,353	22,584,006	41,737,104
South America	South America	1,175,465	2,130,322	2,175,683	2,315,459	2,446,002	3,198,349	4,119,047	5,529,354	10,841,830	22,559,981	47,443,132
South America	South America	953,394	2,016,072	2,053,868	2,180,321	2,297,677	2,964,826	3,775,541	4,991,092	9,546,754	19,099,246	37,458,686
Total		**415,903,802**	**585,779,045**	**680,466,339**	**714,406,073**	**750,794,332**	**944,828,009**	**1,118,704,744**	**1,350,216,056**	**2,084,839,637**	**3,479,383,450**	**6,112,163,178**
Average Annual Growth Rate			**7.09%**	**5.12%**	**4.99%**	**5.09%**	**4.70%**	**3.44%**	**3.83%**	**4.44%**	**5.26%**	**5.80%**

Table 1-10. Containerized World Commodity Forecast for all Commodities, Sorted by Origin, by Major Region, 1995-2050, Selected Years
(TEUs)

Origin	Destination	1995	2000	2003	2004	2005	2010	2015	2020	2030	2040	2050
Africa	Africa	211,943	273,353	285,859	294,968	302,619	345,690	395,141	493,191	874,579	1,758,140	3,868,028
Africa	Asia	150,665	230,294	255,274	267,992	283,645	361,725	440,843	553,156	916,316	1,613,705	2,961,716
Africa	Europe	409,041	581,103	707,010	725,859	743,229	817,467	875,853	931,963	1,076,249	1,264,689	1,508,433
Africa	Mideast	82,105	111,403	119,845	126,351	132,777	162,545	186,950	225,359	332,255	520,576	872,043
Africa	North America	27,712	49,513	77,010	83,168	90,877	118,308	135,195	148,827	184,022	221,764	267,696
Africa	South America	29,912	10,512	13,177	13,982	14,668	18,542	20,868	23,087	27,903	33,935	42,495
Africa	Caribbean	1,935	3,877	4,155	4,403	4,589	5,453	6,039	6,793	9,259	13,965	23,053
Asia	Africa	309,636	567,351	599,350	618,449	645,061	881,369	1,201,306	1,736,061	3,817,707	8,584,533	19,467,464
Asia	Asia	13,173,210	19,976,221	22,981,778	24,403,160	25,845,049	34,223,230	42,764,231	55,281,685	97,774,721	183,913,722	347,757,385
Asia	Europe	3,584,347	6,273,458	7,830,453	8,039,602	8,213,759	9,710,127	10,941,238	12,427,261	16,626,620	23,505,254	35,647,458
Asia	Mideast	1,034,303	1,548,868	1,605,255	1,697,581	1,791,456	2,307,932	2,802,970	3,553,775	6,084,820	11,230,701	22,045,905
Asia	North America	3,843,635	6,801,526	8,949,767	9,327,872	10,040,316	13,779,467	16,457,973	19,215,082	26,120,288	35,065,417	46,195,584
Asia	South America	333,869	500,527	596,892	643,345	690,617	959,427	1,151,339	1,396,445	2,179,858	3,724,561	6,952,992
Asia	Caribbean	80,892	142,759	144,888	152,750	161,239	218,991	310,581	449,139	977,402	2,132,790	4,533,282
Europe	Africa	968,021	1,155,312	1,202,109	1,281,211	1,355,806	1,806,769	2,161,796	2,552,641	3,538,557	4,976,825	7,221,579
Europe	Asia	2,684,122	3,393,464	3,850,026	4,069,864	4,331,414	5,902,173	7,492,387	9,877,564	18,321,955	36,366,845	74,151,269
Europe	Europe	4,287,373	5,988,423	7,005,258	7,250,437	7,533,863	8,988,787	10,094,705	11,295,620	14,310,935	18,659,025	25,094,197
Europe	Mideast	1,211,442	1,669,081	1,850,615	2,008,076	2,174,982	3,035,648	3,616,417	4,347,245	6,295,095	9,118,254	13,189,503
Europe	North America	1,366,085	2,341,880	2,754,276	2,886,693	3,105,584	3,990,913	4,599,473	5,184,189	6,661,566	8,581,549	10,970,931
Europe	South America	487,886	598,637	737,394	810,605	886,152	1,288,488	1,498,946	1,699,121	2,160,207	2,734,363	3,458,230
Europe	Caribbean	217,987	223,964	230,483	247,352	262,678	328,642	350,338	370,921	413,247	468,542	550,282
Mideast	Africa	102,197	188,910	195,813	207,595	220,033	310,959	441,774	663,578	1,527,660	3,534,332	7,899,605
Mideast	Asia	362,109	572,516	624,404	656,964	684,431	837,379	1,026,021	1,298,471	2,257,470	4,169,143	7,573,623
Mideast	Europe	523,922	852,180	1,000,619	1,057,859	1,114,997	1,346,604	1,544,029	1,749,219	2,268,986	3,034,457	4,269,282
Mideast	Mideast	457,431	684,572	726,392	771,966	819,124	1,048,917	1,240,887	1,516,926	2,376,204	3,966,421	6,622,357
Mideast	North America	76,168	144,809	199,982	218,342	239,432	298,904	347,689	395,980	526,727	699,363	918,809
Mideast	South America	13,167	21,954	27,173	28,734	30,371	38,611	43,164	47,723	58,771	75,172	103,510
Mideast	Caribbean	2,684	6,841	7,105	7,494	7,856	9,049	10,066	11,471	16,609	27,909	53,846
North America	Africa	59,120	51,533	63,431	63,677	64,493	75,085	87,580	107,793	183,324	353,583	754,045
North America	Asia	3,775,267	3,586,181	4,552,811	4,699,748	4,760,613	5,105,829	5,461,351	6,066,559	7,949,128	11,404,531	17,834,683
North America	Europe	1,331,149	1,492,684	1,736,931	1,793,581	1,833,805	1,994,851	2,148,798	2,339,190	2,830,105	3,535,675	4,591,569
North America	Mideast	101,196	133,104	158,883	163,400	167,511	202,562	223,713	247,790	303,724	371,162	452,095
North America	North America	78,191	140,365	431,074	450,829	478,091	607,365	683,572	760,057	929,950	1,127,815	1,356,231
North America	South America	785,929	839,523	819,583	861,599	884,301	1,043,790	1,166,433	1,297,618	1,658,007	2,216,176	3,061,292
North America	Caribbean	232,594	335,278	405,205	428,903	453,200	594,343	792,354	1,054,069	1,985,399	3,870,237	7,448,769
South America	Africa	40,468	55,081	57,535	59,885	61,227	74,093	85,718	101,230	151,165	248,493	458,401
South America	Asia	420,123	480,304	552,834	576,441	596,633	727,037	837,434	1,007,559	1,577,759	2,739,600	5,170,057
South America	Europe	703,214	940,148	1,191,972	1,244,537	1,288,407	1,553,657	1,676,825	1,728,379	2,034,577	2,466,409	3,162,815
South America	Mideast	90,193	148,856	157,412	166,726	177,164	223,234	256,598	302,386	437,203	651,283	961,737
South America	North America	438,219	716,039	1,671,683	1,734,654	1,826,293	2,212,172	2,442,993	2,707,052	3,359,515	4,207,263	5,302,882
South America	South America	445,188	664,436	810,291	861,977	917,740	1,222,941	1,418,486	1,642,654	2,242,279	3,182,414	4,756,856
South America	Caribbean	115,422	209,086	213,135	226,736	239,628	313,229	400,103	532,466	1,029,215	2,116,342	4,386,198
Caribbean	Africa	2,367	4,471	4,647	4,753	4,838	5,589	6,841	9,331	20,014	46,133	101,031
Caribbean	Asia	17,309	23,633	26,888	27,147	27,422	32,574	34,621	37,734	47,880	65,974	98,811
Caribbean	Europe	105,059	124,638	153,969	160,943	165,278	178,607	187,559	196,966	219,161	250,357	296,640
Caribbean	Mideast	5,819	11,867	12,844	12,955	13,179	13,572	13,801	15,026	18,243	23,902	32,844
Caribbean	North America	94,721	212,906	269,826	279,818	294,217	337,673	380,365	422,673	528,325	658,388	814,279
Caribbean	South America	50,693	79,890	94,153	99,072	103,105	124,193	135,347	146,741	171,250	202,574	247,223
Caribbean	Caribbean	94,207	197,477	200,980	213,537	225,420	293,467	377,496	505,281	986,410	2,005,663	3,983,664
Total		**45,020,247**	**65,360,809**	**78,168,449**	**82,033,595**	**86,309,191**	**110,077,980**	**130,976,208**	**158,681,047**	**246,398,624**	**411,739,926**	**719,492,679**
Average Annual Growth Rate			**7.74%**	**6.15%**	**4.94%**	**5.21%**	**4.99%**	**3.54%**	**3.91%**	**4.50%**	**5.27%**	**5.74%**

Table 1-11. Containerized World Commodity Forecast for all Commodities, Sorted by Destination, by Major Region, 1995-2050, Selected Years
(TEUs)

Destination	Origin	1995	2000	2003	2004	2005	2010	2015	2020	2030	2040	2050
Africa	Africa	211,943	273,353	285,859	294,968	302,619	345,690	395,141	493,191	874,579	1,758,140	3,868,028
Africa	Asia	309,636	567,351	599,350	618,449	645,061	881,369	1,201,306	1,736,061	3,817,707	8,584,533	19,467,464
Africa	Europe	968,021	1,155,312	1,202,109	1,281,211	1,355,806	1,806,769	2,161,796	2,552,641	3,538,557	4,976,825	7,221,579
Africa	Mideast	102,197	188,910	195,813	207,595	220,033	310,959	441,774	663,578	1,527,660	3,534,332	7,899,605
Africa	North America	59,120	51,533	63,431	63,677	64,493	75,085	87,580	107,793	183,324	353,583	754,045
Africa	South America	40,468	55,081	57,535	59,885	61,227	74,093	85,718	101,230	151,165	248,493	458,401
Africa	Caribbean	2,367	4,471	4,647	4,753	4,838	5,589	6,841	9,331	20,014	46,133	101,031
Asia	Africa	150,665	230,294	255,274	267,992	283,645	361,725	440,843	553,156	916,316	1,613,705	2,961,716
Asia	Asia	13,173,210	19,976,221	22,981,778	24,403,160	25,845,049	34,223,230	42,764,231	55,281,685	97,774,721	183,913,722	347,757,385
Asia	Europe	2,684,122	3,393,464	3,850,026	4,069,864	4,331,414	5,902,173	7,492,387	9,877,564	18,321,955	36,366,845	74,151,269
Asia	Mideast	362,109	572,516	624,404	656,964	684,431	837,379	1,026,021	1,298,471	2,257,470	4,169,143	7,573,623
Asia	North America	3,775,267	3,586,181	4,552,811	4,699,748	4,760,613	5,105,829	5,461,351	6,066,559	7,949,128	11,404,531	17,834,683
Asia	South America	420,123	480,304	552,834	576,441	596,633	727,037	837,434	1,007,559	1,577,759	2,739,600	5,170,057
Asia	Caribbean	17,309	23,633	26,888	27,147	27,422	32,574	34,621	37,734	47,880	65,974	98,811
Europe	Africa	409,041	581,103	707,010	725,859	743,229	817,467	875,853	931,963	1,076,249	1,264,689	1,508,433
Europe	Asia	3,584,347	6,273,458	7,830,453	8,039,602	8,213,759	9,710,127	10,941,238	12,427,261	16,626,620	23,505,254	35,647,458
Europe	Europe	4,287,373	5,988,423	7,005,258	7,250,437	7,533,863	8,988,787	10,094,705	11,295,620	14,310,935	18,659,025	25,094,197
Europe	Mideast	523,922	852,180	1,000,619	1,057,859	1,114,997	1,346,604	1,544,029	1,749,219	2,268,986	3,034,457	4,269,282
Europe	North America	1,331,149	1,492,684	1,736,931	1,793,581	1,833,805	1,994,851	2,148,798	2,339,190	2,830,105	3,535,675	4,591,569
Europe	South America	703,214	940,148	1,191,972	1,244,537	1,288,407	1,553,657	1,676,825	1,728,379	2,034,577	2,466,409	3,162,815
Europe	Caribbean	105,059	124,638	153,969	160,943	165,278	178,607	187,559	196,966	219,161	250,357	296,640
Mideast	Africa	82,105	111,403	119,845	126,351	132,777	162,545	186,950	225,359	332,255	520,576	872,043
Mideast	Asia	1,034,303	1,548,868	1,605,255	1,697,581	1,791,456	2,307,932	2,802,970	3,553,775	6,084,820	11,230,701	22,045,905
Mideast	Europe	1,211,442	1,669,081	1,850,615	2,008,076	2,174,982	3,035,648	3,616,417	4,347,245	6,295,095	9,118,254	13,189,503
Mideast	Mideast	457,431	684,572	726,392	771,966	819,124	1,048,917	1,240,887	1,516,926	2,376,204	3,966,421	6,622,357
Mideast	North America	101,196	133,104	158,883	163,400	167,511	202,562	223,713	247,790	303,724	371,162	452,095
Mideast	South America	90,193	148,856	157,412	166,726	177,164	223,234	256,598	302,386	437,203	651,283	961,737
Mideast	Caribbean	5,819	11,867	12,844	12,955	13,179	13,572	13,801	15,026	18,243	23,902	32,844
North America	Africa	27,712	49,513	77,010	83,168	90,877	118,308	135,195	148,827	184,022	221,764	267,696
North America	Asia	3,843,635	6,801,526	8,949,767	9,327,872	10,040,316	13,779,467	16,457,973	19,215,082	26,120,288	35,065,417	46,195,584
North America	Europe	1,366,085	2,341,880	2,754,276	2,886,693	3,105,584	3,990,913	4,599,473	5,184,189	6,661,566	8,581,549	10,970,931
North America	Mideast	76,168	144,809	199,982	218,342	239,432	298,904	347,689	395,980	526,727	699,363	918,809
North America	North America	78,191	140,365	431,074	450,829	478,091	607,365	683,572	760,057	929,950	1,127,815	1,356,231
North America	South America	438,219	716,039	1,671,683	1,734,654	1,826,293	2,212,172	2,442,993	2,707,052	3,359,515	4,207,263	5,302,882
North America	Caribbean	94,721	212,906	269,826	279,818	294,217	337,673	380,365	422,673	528,325	658,388	814,279
South America	Africa	29,912	10,512	13,177	13,982	14,668	18,542	20,868	23,087	27,903	33,935	42,495
South America	Asia	333,869	500,527	596,892	643,345	690,617	959,427	1,151,339	1,396,445	2,179,858	3,724,561	6,952,992
South America	Europe	487,886	598,637	737,394	810,605	886,152	1,288,488	1,498,946	1,699,121	2,160,207	2,734,363	3,458,230
South America	Mideast	13,167	21,954	27,173	28,734	30,371	38,611	43,164	47,723	58,771	75,172	103,510
South America	North America	785,929	839,523	819,583	861,599	884,301	1,043,790	1,166,433	1,297,618	1,658,007	2,216,176	3,061,292
South America	South America	445,188	664,436	810,291	861,977	917,740	1,222,941	1,418,486	1,642,654	2,242,279	3,182,414	4,756,856
South America	Caribbean	50,693	79,890	94,153	99,072	103,105	124,193	135,347	146,741	171,250	202,574	247,223
Caribbean	Africa	1,935	3,877	4,155	4,403	4,589	5,453	6,039	6,793	9,259	13,965	23,053
Caribbean	Asia	80,892	142,759	144,888	152,750	161,239	218,991	310,581	449,139	977,402	2,132,790	4,533,282
Caribbean	Europe	217,987	223,964	230,483	247,352	262,678	328,642	350,338	370,921	413,247	468,542	550,282
Caribbean	Mideast	2,684	6,841	7,105	7,494	7,856	9,049	10,066	11,471	16,609	27,909	53,846
Caribbean	North America	232,594	335,278	405,205	428,903	453,200	594,343	792,354	1,054,069	1,985,399	3,870,237	7,448,769
Caribbean	South America	115,422	209,086	213,135	226,736	239,628	313,229	400,103	532,466	1,029,215	2,116,342	4,386,198
Caribbean	Caribbean	94,207	197,477	200,980	213,537	225,420	293,467	377,496	505,281	986,410	2,005,663	3,983,664
Total		**45,020,247**	**65,360,809**	**78,168,449**	**82,033,595**	**86,309,191**	**110,077,980**	**130,976,208**	**158,681,047**	**246,398,624**	**411,739,926**	**719,492,679**
Average Annual Growth Rate			**7.74%**	**6.15%**	**4.94%**	**5.21%**	**4.99%**	**3.54%**	**3.91%**	**4.50%**	**5.27%**	**5.74%**

in 1995 to 7.830 million TEUs in 2003. Similarly for North America (principally the U.S.), Asia's export TEUs increased from 3.843 million in 1995 to 8.949 million in 2003. The projected growth of Asian exports after 2003 is diminished for Europe but continues for North America (see Table 1-10).

The average annual compound growth rates of world trade are depicted for individual commodity groups and all commodities in tables 1-12, 1-13 and 1-14 for the periods 1995-2000, 2000-2003, 2003-2004, 2004-2005, 2005-2010, 2010-2015, 2015-2020, 2020-2030, 2030-2040, and 2040-2050. The growth rates are shown for imports/exports for all commodities, containerized commodities, and TEUs. For all commodities (see Table 1-12), world trade (imports and exports) measured in metric tonnes grew at an average annual rate of 5.25 percent between 1995 and 2000. Between 2000 and 2003, world trade (metric tonnes) grew at an average annual rate of 2.52 percent. World trade (all commodities) is projected to grow 4.99 percent between 2003 and 2004 and decrease to 4.04 percent between 2004 and 2005. Trade growth decreases to 3.09 percent between 2005 and 2010 and then declines further to 1.83 percent between 2010 and 2015 before increasing after 2015.

World trade growth of TEUs is higher than for all commodities (see Table 1-14). World annual TEUs grew 7.74 percent between 1995 and 2000 and 6.15 percent between 2000 and 2003. World annual TEUs are projected to grow 4.94 percent between 2003 and 2004, increase to 5.21 percent between 2004 and 2005, then decrease to 4.99 percent between 2005 and 2010. Average annual world growth of TEUs is 3.53 percent between 2010 and 2015, then increases for the duration of the forecast intervals: 2015-2020 (3.91 percent), 2020-2030 (4.50 percent), 2030-2040 (5.27 percent), and 2040-2050 (5.74 percent).

Asia, principally China, is a major driver of the forecasts, particularly for containerized commodities and TEUs. The largest TEU market in 2003 was intra-Asia trade (see Table 1-11, “Asia to Asia”). In 2003, there were 22.981 million TEUs of intra-Asian trade compared to 7.830 million TEUs of Asia exports to Europe and 8.949 million TEUs of Asia exports to North America. Intra-Asian trade in TEUs in 2003 was nearly 30 percent of total world trade (78.168 million TEUs).

World trade in TEUs is projected to grow approximately 41 percent, from 78.168 million TEUs in 2003 to 110.078 million TEUs by 2010 (see Table 1-11). During this time, intra-Asian trade will grow approximately 49 percent, from 22.981 million TEUs to 34.223 million TEUs. Exports from Asia to Europe will grow 24 percent, from 7.830 million TEUs to 9.710 million TEUs. Exports from Asia to North America will grow 54 percent, from 8.949 million TEUs to 13.779 million TEUs. The three largest markets in Table 1-11 (intra-Asian trade, Asia to Europe, and Asia to North America) increase by approximately 18 million TEUs between 2003 and 2010. Total world trade increases nearly 32 million TEUs in the same period (111.077 – 78.168 = 31.91 million TEUs).

The long-term importance of Asia, primarily China, as the economic engine for world trade is suggested by the latter years of forecasts in Table 1-11. Total world trade in TEUs rises 56 percent from 158.681 million in 2020 to 246.398 million in 2030, then rises 67 percent from 246.398 million in 2030 to 411.739 million in 2040, and then rises 75 percent from 411.739

Table 1-12. Growth Rate of World Commodity Forecast, by Major Commodity, 1995-2050
(Percent Change Per Period)

Major Commodity	1995- 2000	2000-03	2003-04	2004-05	2005-10	2010-15	2015-20	2020-30	2030-40	2040-50
Agriculture	5.86%	1.69%	5.53%	3.97%	3.11%	2.01%	1.60%	1.90%	1.90%	2.39%
Capital Equipment	6.56%	5.05%	8.28%	8.67%	6.93%	4.24%	4.07%	4.41%	4.96%	4.81%
Chemicals	6.44%	4.50%	3.87%	4.13%	3.98%	3.23%	3.52%	4.33%	5.43%	6.25%
Consumer Goods	11.36%	7.24%	4.96%	6.19%	6.05%	3.15%	3.33%	3.57%	3.85%	4.22%
Extractive	4.65%	1.96%	4.90%	3.39%	2.12%	0.54%	1.48%	2.35%	3.55%	4.85%
Food	4.99%	3.13%	5.60%	5.12%	4.63%	2.14%	2.23%	2.32%	2.50%	2.78%
Fuels	5.85%	2.26%	4.01%	3.68%	3.22%	2.87%	2.98%	3.45%	4.11%	4.72%
High-tech Products	11.20%	0.95%	8.67%	9.42%	9.31%	6.28%	5.90%	5.83%	5.98%	5.98%
Intermediate Manufactured Products	6.51%	3.35%	7.41%	7.99%	6.50%	5.16%	4.99%	5.21%	5.73%	6.13%
Materials	6.44%	6.07%	2.16%	1.26%	1.40%	1.68%	3.19%	4.03%	5.15%	6.10%
All Commodities	**5.25%**	**2.52%**	**4.99%**	**4.04%**	**3.09%**	**1.83%**	**2.46%**	**3.19%**	**4.18%**	**5.12%**

Table 1-13. Growth Rate in Metric Tonnes of World Containerized Commodity Forecast, by Major Commodity, 1995-2050
(Percent Change Per Period)

Major Commodity	1995- 2000	2000-03	2003-04	2004-05	2005-10	2010-15	2015-20	2020-30	2030-40	2040-50
Agriculture	5.04%	3.61%	3.79%	2.38%	2.70%	1.72%	1.72%	2.27%	2.82%	3.29%
Capital Equipment	6.23%	4.85%	8.73%	9.30%	8.00%	5.05%	4.91%	5.22%	5.73%	5.20%
Chemicals	8.82%	5.51%	5.68%	5.66%	5.44%	4.34%	4.69%	5.42%	6.30%	6.82%
Consumer Goods	11.24%	5.88%	4.81%	5.76%	5.84%	3.08%	3.30%	3.58%	3.91%	4.33%
Extractive	4.08%	3.28%	3.99%	2.98%	1.72%	0.41%	1.12%	1.78%	2.69%	3.77%
Food	5.09%	3.97%	3.57%	3.75%	2.92%	1.49%	1.82%	2.11%	2.57%	3.08%
Fuels	5.31%	11.43%	3.71%	4.01%	3.42%	3.06%	3.29%	3.93%	4.80%	5.51%
High-tech Products	10.96%	0.18%	8.83%	9.39%	9.28%	6.29%	5.95%	5.90%	6.07%	6.06%
Intermediate Manufactured Products	7.77%	5.94%	6.68%	7.58%	6.02%	4.63%	4.70%	5.08%	5.67%	6.14%
Materials	7.07%	6.48%	2.53%	1.75%	2.49%	2.34%	3.55%	4.45%	5.57%	6.39%
All Commodities	**7.09%**	**5.12%**	**4.99%**	**5.09%**	**4.70%**	**3.44%**	**3.83%**	**4.44%**	**5.26%**	**5.80%**

Table 1-14. Growth Rate in TEUs of World Containerized Commodity Forecast, by Major Commodity, 1995-2050 (Percent Change Per Period)

Major Commodity	1995- 2000	2000-03	2003-04	2004-05	2005-10	2010-15	2015-20	2020-30	2030-40	2040-50
Agriculture	5.06%	4.14%	3.73%	2.35%	2.82%	1.75%	1.73%	2.29%	2.86%	3.29%
Capital Equipment	6.58%	6.12%	8.36%	8.89%	7.71%	4.87%	4.78%	5.13%	5.66%	5.14%
Chemicals	9.05%	5.91%	5.79%	5.82%	5.52%	4.42%	4.76%	5.47%	6.32%	6.82%
Consumer Goods	11.90%	7.51%	4.48%	5.51%	5.74%	2.98%	3.21%	3.51%	3.82%	4.22%
Extractive	5.03%	3.12%	3.39%	2.86%	1.83%	0.34%	1.19%	1.98%	3.12%	4.37%
Food	5.21%	4.75%	3.62%	3.87%	2.96%	1.46%	1.80%	2.10%	2.58%	3.09%
Fuels	4.37%	7.31%	1.74%	3.09%	2.85%	2.74%	3.19%	3.99%	4.99%	5.74%
High-tech Products	10.86%	1.12%	9.09%	9.17%	9.14%	6.19%	5.87%	5.83%	5.99%	6.03%
Intermediate Manufactured Products	8.18%	7.07%	6.52%	7.46%	6.08%	4.68%	4.74%	5.16%	5.77%	6.23%
Materials	7.53%	8.15%	1.98%	1.50%	2.46%	2.29%	3.50%	4.45%	5.59%	6.42%
All Commodities	**7.74%**	**6.15%**	**4.94%**	**5.21%**	**4.99%**	**3.54%**	**3.91%**	**4.50%**	**5.27%**	**5.74%**

million in 2040 to 719.492 million in 2050. During these time frames, intra-Asian trade in TEUs rises 77 percent (from 55.281million in 2020 to 97.774 million in 2030), 88 percent (from 97.774 million in 2030 to 183.913 million in 2040), and 90 percent (from 183.913 million in 2040 to 347.757 million in 2050).

VI. SUMMARY AND CONCLUSIONS

In summation:

- World outlook is improving as the recovery builds up momentum, at least in the U.S., Latin America, and Asia induced by China's demand for raw materials, intermediate inputs, and finished products.

- Growth in containerized products will grow at historic averages of between 5 percent and 6 percent for most of the period.

- The model provides a dynamic long-term forecast that takes into account the larger growth expected in Asia and elsewhere once short-term disturbances are ignored. Although there will be problems (wars, environmental damage, shortages of materials, and political mistakes), experience suggests that the long-term trends will ultimately be achieved.

- Alternative forecast baselines can be developed that would show different trends. One alternative scenario could be to impose a tighter balance in trade, forcing countries with chronic trade deficits to limit imports, thus slowing long-term expansion and impacting industrial development. This would produce a somewhat low rate of expansion. Another, more optimistic, alternative would force countries with chronic surpluses to import more from countries with chronic deficits, which would probably yield a worldwide forecast even greater than the one developed.

- A rising tide of trade protection would produce a more pessimistic assessment of worldwide growth in demand, which would shave about 1 percent from the growth rate projected for world trade. An alternative scenario would be the collapse of China and India as a result of environmental or other disasters. Given the huge share of world trade that China will maintain (both as an exporter and importer) by 2030 and beyond, this would reduce world trade growth substantially, probably by about 2 percent per year after 2030.

- A more optimistic assessment of world trade must assume that the countries with chronic deficits in the early period would move quickly into balance. This could occur only if countries in surplus like Japan shift towards import rather than export growth. The likelihood of this happening is low. Given the huge size of U.S. imports in the early period (more than 15 percent of world TEU trade), there are few markets sufficiently large to enable this to occur. The baseline projection of a gradual rebalancing of world trade by 2050, with China becoming the key engine of world growth, is optimistic because it assumes that the structural changes that are implicit in the relative relationships between the countries today are fulfilled.

- Forecasts reflect assumptions about the global environment that may not transpire. The models are non-linear and statistical, allowing for shifts in consumption patterns at different stages of economic development. Many factors can impede long-term progress.

The most obvious one is that resource balances could become disturbed. The current shortages of iron ore, bauxite, and petroleum products induced by China's rapid growth and the lack of significant new investments to meet the growing demand could cause prices to rise dramatically. Price changes are allowed for in the model and are based on resource demand balances that are endogenous to the model structure. Nevertheless, actual adjustments caused by shifts in supply-demand balances often overshoot, leading to sudden falloffs in demand or higher inflation (inducing a counter response from monetary authorities). For example, higher energy prices may cut demand for power and force technological change and adaptation that cannot be easily forecast by statistical models. New products may be introduced that are entirely unexpected or unanticipated. New production techniques may reduce trade as small- scale, highly efficient production substitutes for specialization. Under this scenario, companies would be able to produce closer to market, with only raw materials shipped internationally.

Part 2: U.S. WATERBORNE TRADE FORECAST

I. INTRODUCTION

Global trade models usually allow for the U.S. to be represented by regions that reflect the principal coastal ranges such as the North Atlantic (Maine through Virginia), South Atlantic, Gulf Coast, Pacific South, and Pacific North. National waterborne coastal trade share forecasts were initiated by DRI/McGraw-Hill (DRI) for the Institute for Water Resources (IWR) as part of a U.S. trade forecast. These data were completed in the mid-1990s for IWR. The capability to disaggregate U.S. trade flows to regional levels remains inherent in the economic forecast done by DRI. A trade flow forecast for the South Atlantic (excluding Norfolk) is the normal output of these regional (U.S.) models of waterborne world trade flows.

II. OBJECTIVES

This part of the report describes the U.S. waterborne trade forecasts and summarizes the forecasts for particular portions of the nation. These forecasts will be used in subsequent efforts to develop a South Atlantic coastal range, including Hampton Roads, which is normally regarded as part of the North Atlantic port coastal range.

III. OVERVIEW

Over the 1990s and into the early 2000s, the U.S. kept the global economy vibrant. Nearly 40 percent of the increase in production of the rest of the world was consumed as additional imports by the U.S. during the period 1995-2002, and U.S. demand for Asian products helped propel the region towards self sustained growth and development.

As can be seen in Figure 2-1, the U.S. share of world trade will decline as other regions progress. Asia's strong growth and increased integration with the world has changed the dynamics. As the U.S. economy reaches saturation and as population growth slows, the dynamic expansion in U.S. trade will slow. At the same time, the trade growth of other regions will probably accelerate.

Figure 2-1. U.S. and World Trade in Containerized Products, 1995-2050

World trade growth decelerates until about 2030, when emerging markets with rising standards of living begin to dominate. At the same time, more advanced nations will have reached a point of stabilization. The U.S. share of imports, which reached a peak in 2009, will begin a gradual decline from over 16 percent to around 7 percent by the end of the period (2050), but the falloff in the U.S. share of world exports will be less precipitous.

Growth in containerized trade worldwide, which reached 10-12 percent in the recovery phase of 2003, will fall back by the mid-2020s to around 4 percent, where it will remain for about 10

years before gradually pushing back towards 5.5 - 6 percent by 2050. U.S. import demand for containerized products during this period of rising growth will remain at about 3 percent, but the increased demand for primary, intermediates, and finished manufactures will push U.S. export growth to around 5 percent by 2050.

As can be seen in figures 2-2 and 2-2a, the Chinese share of world trade will grow strongly over the period, and the U.S. share will decline. This is true for both Chinese exports and imports. However, as with the U.S. before, China's export-led growth will cease to drive the economy when its share of world trade reaches a point of maximum domination. The export share after this point will remain relatively constant because to grow from a larger base, China will have to sell an increasing amount of the world's trade, excluding the Chinese import volume. This will prove to be an impossible task, and China's import growth by about 2010 will begin to slightly exceed its export growth. Over time, the difference will reach around 2 percent.

Figure 2-2. U.S. and China Share of World Containerized Trade

Figure 2-2a. U.S. and China Share of World Containerized Trade in Total TEUs

IV. METHODOLOGY

The QuERI World Trade Model is inclusive of the entire world trade. The model, which is based on nominal U.S. dollars and 1995 U.S. dollar trade flows, covers 92 countries and regions. Within this group, the U.S. is divided into seven regions (U.S. East Coast, U.S. South, U.S. North, U.S. West, U.S. Alaska, U.S. Hawaii, and Puerto Rico). The U.S. South Region covers the South Atlantic Port Range and the Gulf Port Range, and the U.S. West covers the North Pacific Port Range and the South Pacific Port Range.

The Maritime Model (Metric Tonnes, Containerized Metric Tonnes, and TEUs) is based on a relationship between the real value model and the metric tonne or maritime trade models. Table 2-1 details the countries and regions included in the Maritime Model. There are 71 distinct countries or regional groupings, including nine coastal ranges for the U.S. market (six coasts plus three regions outside the Continental U.S.).

The econometrically developed World Trade Model uses the U.S. as a whole rather than the regions separately. Economic factors drive trade and are appropriate for a country rather than a regional area alone.

After developing a baseline forecast for the U.S. as a whole, a second-level model is developed to split this trade between the seven regions based on the expected change in the share of each region in total U.S. trade. Shares will increase or decrease over time, so that the real growth of trade volume into or out of a region will vary, just as it varies historically.

A growth trend is measured for each region's share with a specific partner for a single commodity group. This share is allowed to grow at a maximum rate of 1.25 percent per year or decline at a rate of 1.25 percent per year. Estimated trade by region is based on the U.S. trade multiplied by these forecast shares.

FORECASTING REGIONAL U.S. TRADE

The model takes the general form of:

$$RM[jk,usr] = \frac{M[jk,usr]}{M[jk,us]} or$$

$$RX[jk,usr] = \frac{X[jk,usr]}{X[jk,us]},$$

$$grm[jk,usr] = C.A.G.R[RM(t,t-n),$$

$$grx[jk,usr] = C.A.G.R[RX(t,t-n)$$

$$\max/\min growth = -.0125 or +.0125.$$

$$RM[jk,usr]t+1 = RM[jk,usr]t \times (1+grm)$$

$$RX[jk,usr]t+1 = RX[jk,usr]t \times (1+grx).$$

$$M[jk,usr]t+1 = RM[jk,usr]t+1 \times M[jk,us]t+1$$

$$X[jk,usr]t+1 = RX[jk,usr]t+1 \times X[jk,us]t+1,$$

Table 2-1. Counties Within Each Aggregated Region

Aggregated Region	Country
Africa	East Africa North Africa Other Southern Africa South Africa
Asia	Australia China Hong Kong India Indonesia Japan Korea Malaysia New Zealand Other Indian Subcontinent Pakistan Philippines Singapore Taiwan Thailand Vietnam
Europe	Austria Belgium Bulgaria Czechoslovakia Denmark Finland Former Soviet Union France Germany Greece Hungary Ireland Italy Netherlands Norway Other Western Europe Poland Portugal Romania Spain Sweden Switzerland United Kingdom
Mideast	Israel Mediterranean Persian Gulf Turkey
North America	Canada Mexico United States North Atlantic South Atlantic Gulf Coast South Pacific North Pacific Great Lakes Alaska Haiwaii Puerto Rico
South America	Argentina Bolivia Brazil Chile Colombia Costa Rica Ecuador Panama Peru Venezuela
Caribbean	Caribbean Other Central Latin America Other Eastern Latin America

RM = Ratio Import, measures regional imports relative to U.S. imports
j = export or import region
k = product
usr = U.S. region or port
RX = Ratio Exports
M = Imports
grm = growth rate, compound annual growth rate, for RM, from period t to t-n
grx = growth rate, compound annual growth rate for RX, from period t to t-n
max/min growth = limits growth to range between -1.25 % to + 1.25 % per year
RM[jk,usr]t+1 = Forecast of ratio of imports to total U.S. imports for a port region in period t+1
RX[jk,usr]t+1 = Forecast of ratio of exports to total U.S. exports for a port region in period t+1

Total U.S. trade is the sum of the separate subregional trade flows. Growth rates for regions can thus be different from the average for the U.S. as a single entity. Table 2-2 shows how this approach allows for a different growth rate for individual U.S. regions. The maximum and minimum growth rates for ratios limit the impact and the differentiation between regions. The key assumption is that although there may have been changes in market shares in the past, the adjustment process will be quite slow. Allowing for a rapid change would lead to situations in the long-term where the regions' imports were close to or equal to zero. Because this rarely happens, limiting the net change in the ratio is appropriate.

Table 2-2. U.S. Imports of Miscellaneous Transport Equipment From Taiwan (1995 U.S. $ Value)

Regions	1995-2002	2003-05	2005-10	2010-50	Growth Rate Ratio (2002-1995)
U.S.	25.7%	15.0%	10.4%	2.8%	N/A
U.S. Hawaii	4.7%	11.8%	7.7%	0.3%	-16.7%
U.S. Alaska	23.9%	15.2%	10.6%	2.9%	-1.4%
U.S. South	18.8%	12.3%	7.8%	0.3%	-5.4%
U.S. North	9.5%	12.4%	7.8%	0.3%	-12.8%
U.S. West	26.1%	15.2%	10.6%	2.9%	0.3%
U.S. East	30.2%	15.2%	10.6%	2.9%	3.6%
Puerto Rico	12.0%	12.4%	7.8%	0.3%	-10.9%

Source: QuERI-International.

Translation to Maritime Trade

The U.S. Maritime model operates in terms of nine regions as identified in Table 2-3. The U.S. South is divided into the U.S. Gulf and the U.S. South Atlantic, and the U.S. West is divided into the U.S. North Pacific and U.S. South Pacific. The U.S. East equates to the U.S. North Atlantic,

and the U.S. North to the U.S. Great Lakes. The other regions are the same geographic areas as in the value model.

Table 2-3. Relationship of U.S. Regions to U.S. Maritime Regions

U.S. Maritime Region	U.S. Value Region
U.S. North Atlantic	U.S. East
U.S. South Atlantic	U.S. South
U.S. Gulf Coast	U.S. South
U.S. South Pacific	U.S. West
U.S. North Pacific	U.S. West
U.S. Great Lakes	U.S. North
U.S. Alaska	U.S. Alaska
U.S. Hawaii	U.S. Hawaii
U.S. Puerto Rico	U.S. Puerto Rico

The growth rate for each of the maritime regions is based on the growth rate for the comparable U.S. value-based region. [10] The equation for imports or exports is as follows:

$$M[jk,usmr]t+1 = M[jk,usmr]t \times \left(\frac{M[jk,usr]t+1}{M[jk,usr]t}\right), where$$

M is imports from the jth region/country for the kth product group, and for U.S. maritime region i in time period t+1 is a function of the imports in period t times the growth rate calculated for the value based imports from a corresponding region (usr).

The maritime trade forecast for the U.S. is the aggregate of the regional trade forecast:

$$MUS[jk] = \sum_{usmr=1to9} M[jk,usmr].$$

SUMMARY

The U.S. trade forecast for maritime is thus built up using data collected and adjusted based on changes in shares by region. These adjustments in the flow are assumed to be passed along from the value-based estimates to the volume-based maritime trade estimates. The Port Choice Model is more detailed and allows for a choice of port destinations within the South Atlantic region. However, the aggregate for the South Atlantic will remain fixed based on the historical pattern of adjustment within the U.S. proper. The Port Choice Model allocates flows over time between competing ports within a single region, rather than changing the overall distribution of trade

[10] It is assumed that the value-based model already picks up the general trend of gain or loss by the region. The growth rate of the value-based region is applied to the last historical period of the maritime region (2003), and the series is extended through 2050.

between U.S. coasts. This assumption insures that the forecast is “conservative” and reflects historic demand or supply share and the relative growth trend based on the last six years (1995-2002).

V. U.S. AND WORLD TRADE FORECAST

Table 2-4 identifies the recent performance (1995-2000) and projected growth of World and U.S. trade for all commodities (metric tonnes), containerized commodities (metric tonnes) and TEUs. The data shows U.S. trade generally growing faster than world trade up to 2010. For example, U.S. imports grew faster than world trade between 1995-2000, and this trend is projected in the period 2000-2010. However, after 2010 world waterborne trade is projected to grow faster than U.S. waterborne trade.

Tables 2-5a – 2-5d contains TEUs for U.S. imports, exports, and world trade for the period 2000 (actual) and projected for 2005, 2020, and 2050. The data indicate that U.S. trade will generally grow faster than world trade for the period 2000-2005, then slowing after 2005. The growth trends are summarized in Table 2-6. During the period 1995-2005, U.S. share of world trade in TEUs increases from 19 percent to 24 percent. However, after 2005 slower growth of U.S. trade results in decreasing share of world trade in TEUs, with the share declining to 20 percent by 2020 and 11 percent by 2050.

Table 2-4. World and U.S. Waterborne Trade Trends, Metric Tonnes, Containerized Tonnes and TEUs, 1995-2050

Metric Tons	**1995**	**2000**	**2010**	**2020**	**2030**	**2040**	**2050**
World	3,842,217,735	4,973,822,121	6,810,175,138	8,434,774,517	11,572,418,007	17,460,920,028	28,816,278,574
U.S. Exports	250,448,128	204,626,102	231,025,023	258,566,858	302,642,068	366,042,928	480,363,412
U.S. Imports	355,584,866	500,189,784	763,614,633	909,100,086	1,077,113,618	1,298,288,445	1,580,636,737
Containerized Tons	**1995**	**2000**	**2010**	**2020**	**2030**	**2040**	**2050**
World	421,091,550	593,980,608	957,404,738	1,370,036,084	2,121,199,816	3,549,683,527	6,250,783,648
U.S. Exports	51,395,815	50,837,744	67,064,525	81,003,004	105,958,355	149,946,572	228,342,233
U.S. Imports	42,711,628	68,636,674	118,650,133	155,850,130	203,010,524	264,546,655	341,810,660
TEUs	**1995**	**2000**	**2010**	**2020**	**2030**	**2040**	**2050**
World Exports*	45,482,238	66,106,291	111,219,776	160,540,460	249,932,294	418,782,065	733,684,677
U.S. Exports	5,115,684	5,211,079	7,549,835	9,362,200	12,620,040	18,513,987	29,212,603
U.S. Imports*	5,213,310	9,036,701	18,329,483	24,326,290	32,064,710	42,122,885	54,652,315
Metric Tons		**1995-2000**	**2000-2010**	**2010-20**	**2020-30**	**2030-40**	**2040-50**
World		5%	3%	2%	3%	4%	5%
U.S. Exports		-4%	1%	1%	2%	2%	3%
U.S. Imports		7%	4%	2%	2%	2%	2%
Containerized Tons		**1995-2000**	**2000-2010**	**2010-20**	**2020-30**	**2030-40**	**2040-50**
World		7%	5%	4%	4%	5%	6%
U.S. Exports		0%	3%	2%	3%	4%	4%
U.S. Imports		10%	6%	3%	3%	3%	3%
TEUs		**1995-2000**	**2000-2010**	**2010-20**	**2020-30**	**2030-40**	**2040-50**
World Exports		8%	5%	4%	5%	5%	6%
U.S. Exports		0%	4%	2%	3%	4%	5%
U.S. Imports		12%	7%	3%	3%	3%	3%

*Totals are slightly higher than totals in yearly summaries due to exclusion (in yearly summaries) of crude fertilizer TEUs.

Source: QuERI-International World Trade and Industry Model, March 2004.

Table 2-5a. U.S. and World Trade Shares of TEUs by Major Commodity Groups, 1995-2000

Description	Imports 2000 TEUs	Growth 1995 2000	Exports 2000 TEUs	Growth 1995 2000	World Market TEUs	Growth 1995 2000	US Share of World 1995	US Share of World 2000
Grain	8,850	10.5%	17,516	4.5%	187,669	12.3%	6.6%	14.0%
Oil Seeds	8,661	30.7%	7,418	-0.7%	52,224	10.8%	11.9%	30.8%
Vegetables and Fruits, requiring refrigeration	64,358	21.1%	61,301	-2.4%	1,235,024	7.6%	4.5%	10.2%
Vegetables and Fruits, not requiring refrigeration	34,938	8.4%	98,690	4.4%	872,967	7.2%	6.9%	15.3%
Cork and Wood	109,306	22.4%	148,623	-4.7%	620,504	1.8%	19.3%	41.6%
Cotton	2,040	34.3%	120,695	-9.2%	400,247	-2.1%	23.2%	30.7%
Other Raw Textile Materials	5,248	-7.8%	1,045	-12.4%	196,184	0.5%	2.6%	3.2%
Other Agrioculture	20,471	5.8%	30,413	5.5%	516,028	5.1%	4.2%	9.9%
Coffee	89,486	4.2%	5,825	-12.1%	355,607	5.0%	13.2%	26.8%
Cut Flowers and Foiliage, etc.	9,091	4.3%	4,393	-5.3%	147,723	13.3%	5.8%	9.1%
Stone, Clay and Other Crude Minerals	51,720	15.7%	150,469	3.8%	989,614	4.3%	8.3%	20.4%
Ores	4,255	5.5%	2,381	-8.0%	147,090	2.8%	2.5%	4.5%
Coal and Coke	163	8.0%	351	3.4%	13,173	9.8%	1.9%	3.9%
Crude Petroleum	8	24.9%	0	0.0%	8,046	4.9%	0.0%	0.1%
Natural Gas	640	83.1%	5,190	61.3%	83,381	11.0%	0.4%	7.0%
Scrap metal	5,491	9.6%	39,768	-3.7%	252,119	6.4%	11.8%	18.0%
Mea/Dair/Fish Requiring Refrigeration	166,237	8.2%	285,987	4.3%	2,187,289	6.9%	9.2%	20.7%
Other Meat/Dairy, Fish, Fruit and Vegetables	170,406	6.3%	119,180	0.6%	2,420,095	6.3%	5.8%	12.0%
Sugar	8,308	21.3%	14,127	13.9%	306,545	7.9%	2.0%	7.3%
Animal Feed	7,676	0.8%	330,004	6.9%	872,828	3.8%	15.3%	38.7%
Animal and Vegetable Oils	20,298	13.1%	3,409	-4.5%	430,475	7.1%	2.1%	5.5%
Other Food	168,941	6.5%	120,786	0.5%	2,624,857	4.3%	5.1%	11.0%
Beverages	286,596	14.6%	50,923	-15.8%	1,145,870	3.4%	12.6%	29.5%
Tobacco	29,544	6.6%	62,303	-4.0%	312,613	3.6%	17.0%	29.4%
Textiles	264,365	12.2%	112,444	2.3%	3,152,338	7.2%	4.6%	12.0%
Wearing Apparel	612,993	12.2%	81,550	17.8%	2,145,438	11.2%	11.2%	32.4%
Leather and Leather Products	147,656	13.3%	82,761	6.5%	670,642	8.3%	12.4%	34.4%
Footwear	321,281	8.8%	4,848	-7.0%	916,797	6.2%	13.6%	35.6%
Wood Products	137,082	26.3%	34,597	-12.0%	1,523,704	8.8%	4.3%	11.3%
Furniture and Fixtures	906,773	22.4%	35,276	-1.6%	2,341,752	18.1%	11.0%	40.2%
Waste Paper	713	-6.6%	409,270	-1.0%	723,654	6.1%	34.2%	56.7%
Pulp	7,063	16.0%	146,600	1.2%	515,300	5.6%	15.6%	29.8%
Paper and Paperboard Products	207,782	12.6%	431,830	0.2%	3,285,161	8.3%	9.9%	19.5%
Printing and Publishing	27,581	10.3%	10,720	-2.7%	161,005	8.0%	10.8%	23.8%
Organic Chemicals	68,226	3.1%	102,297	-3.6%	982,633	6.8%	10.7%	17.4%
Inorganic Chemicals	88,640	11.7%	89,149	1.9%	658,681	7.7%	11.9%	27.0%
Fertilizers and Pesticides	8,585	3.6%	20,935	42.3%	193,472	4.5%	3.1%	15.3%
Synthetic Resins	194,392	9.5%	518,367	2.0%	5,568,577	10.0%	6.6%	12.8%
Paints, Varnishes and Lacquers	23,453	15.1%	21,460	3.4%	530,842	9.5%	3.4%	8.5%
Drugs & Medicines	12,659	13.2%	15,510	3.3%	145,943	8.9%	8.3%	19.3%
Soap and Cleaning Preparations	29,679	17.7%	48,412	3.2%	655,733	10.5%	5.2%	11.9%
Chemical Products, nec	135,374	8.2%	126,016	4.9%	1,536,842	8.5%	7.5%	17.0%
Petroleum Refineries	2,863	-20.1%	41,411	5.1%	253,276	4.5%	9.0%	17.5%
Rubber Products	275,928	11.2%	44,660	-3.2%	1,165,377	7.8%	10.9%	27.5%
Plastic Products, nec	251,071	16.6%	77,470	8.2%	1,518,009	12.7%	7.2%	21.6%
Pottery, China, etc.	87,475	9.3%	2,905	-12.0%	410,036	10.5%	9.4%	22.0%
Glass Products	122,976	11.2%	43,166	0.0%	1,099,613	8.1%	6.3%	15.1%
Non-metallic Products, n.e.c.	178,095	16.5%	20,954	-13.0%	2,092,089	7.7%	3.5%	9.5%
Iron and Steel	152,379	13.1%	23,762	-7.0%	1,697,071	5.4%	3.9%	10.4%
Non-ferrous Metals	63,090	8.6%	97,134	-1.1%	1,524,279	7.0%	5.5%	10.5%
Metal Products	454,284	13.7%	84,759	-7.1%	1,999,085	8.7%	10.9%	27.0%
Engines and Turbines	27,071	11.8%	9,814	-8.8%	285,530	6.9%	6.3%	12.9%
Agricultureal Machinery	32,524	10.6%	36,332	-2.0%	137,513	3.5%	23.6%	50.1%
Metal and Wood Working Machinery	38,733	7.3%	4,708	-10.5%	253,051	4.2%	7.7%	17.2%
Special Industrial Machinery	133,167	8.0%	68,827	-0.7%	715,622	3.1%	12.2%	28.2%
Office and Computing Machinery	381,643	13.0%	36,378	7.4%	1,251,547	17.2%	12.8%	33.4%
Machinery and Equipment, nec	214,284	9.4%	139,490	0.2%	1,816,997	6.5%	8.7%	19.5%
Radio and TV Appliances	129,562	6.6%	11,718	-7.3%	435,991	3.0%	13.7%	32.4%
Semi-conductors, Electronic tubes, parts	15,542	7.2%	7,102	-2.5%	348,542	10.3%	3.4%	6.5%
Other Communications Equipment	103,446	4.7%	15,586	-3.7%	589,131	7.3%	10.1%	20.2%
Electrical Appliances and Housewares	131,187	12.1%	19,620	-6.7%	481,673	8.4%	12.7%	31.3%
Electrical Apparatus, nec	277,605	10.1%	55,468	5.0%	1,060,935	10.7%	12.7%	31.4%
Shipbuilding and Repairing	5,455	12.6%	8,254	-0.1%	71,544	9.1%	9.6%	19.2%
Railroad Equipment	931	8.2%	1,313	-6.7%	24,815	13.4%	6.5%	9.0%
Motor Vehicles	95,316	9.4%	120,066	0.3%	316,089	5.7%	32.2%	68.1%
Parts for Motor Vehicles	437,316	3.1%	168,283	4.2%	1,641,789	6.5%	18.0%	36.9%
Aircraft	9,821	19.6%	3,846	-2.0%	30,863	12.3%	17.2%	44.3%
Transport Equipment, nec	15,909	4.6%	354	-1.6%	53,006	10.3%	15.3%	30.7%
Professional Equipment	38,493	15.9%	36,446	5.4%	227,709	12.8%	13.1%	32.9%
Photographic and Optical Goods	11,774	4.9%	13,236	10.5%	71,283	7.8%	14.4%	35.1%

Table 2-5b. U.S. and World Trade Shares of TEUs by Major Commodity Groups, 2000-2005

Description	Imports 2005 TEUs	Growth 2000 2005	Exports 2005 TEUs	Growth 2000 05	World Market TEUs	Growth 2000 05	US Share of World 2000	US Share of World 2005
Grain	32,534	29.7%	18,275	0.9%	228,244	4.0%	6.3%	22.3%
Oil Seeds	11,373	5.6%	15,135	15.3%	73,369	7.0%	12.8%	36.1%
Vegetables and Fruits, requiring refrigeration	93,438	7.7%	90,259	8.0%	1,557,179	4.7%	4.5%	11.8%
Vegetables and Fruits, not requiring refrigeration	61,869	12.1%	97,848	-0.2%	1,026,652	3.3%	7.0%	15.6%
Cork and Wood	191,264	11.8%	137,639	-1.5%	742,851	3.7%	18.9%	44.3%
Cotton	1,314	-8.4%	224,988	13.3%	533,805	5.9%	13.1%	42.4%
Other Raw Textile Materials	4,271	-4.0%	2,632	20.3%	209,418	1.3%	1.6%	3.3%
Other Agrioculture	25,773	4.7%	39,503	5.4%	547,318	1.2%	4.8%	11.9%
Coffee	81,313	-1.9%	22,814	31.4%	405,862	2.7%	12.5%	25.7%
Cut Flowers and Foiliage, etc.	13,712	8.6%	5,454	4.4%	172,645	3.2%	4.2%	11.1%
Stone, Clay and Other Crude Minerals	36,504	-6.7%	154,440	0.5%	1,083,120	1.8%	9.8%	17.6%
Ores	3,460	-4.1%	7,049	24.2%	176,752	3.7%	2.0%	5.9%
Coal and Coke	32	-27.8%	591	11.0%	14,650	2.1%	1.8%	4.2%
Crude Petroleum	5	-8.8%	0	-32.2%	9,606	3.6%	0.0%	0.1%
Natural Gas	143	-25.9%	2,710	-12.2%	99,875	3.7%	3.2%	2.9%
Scrap metal	3,694	-7.6%	88,065	17.2%	325,408	5.2%	7.8%	28.2%
Mea/Dair/Fish Requiring Refrigeration	272,417	10.4%	278,896	-0.5%	2,488,122	2.6%	9.7%	22.2%
Other Meat/Dairy, Fish, Fruit and Vegetables	216,791	4.9%	145,684	4.1%	2,921,754	3.8%	5.4%	12.4%
Sugar	14,892	12.4%	19,179	6.3%	409,028	5.9%	3.1%	8.3%
Animal Feed	8,591	2.3%	424,396	5.2%	1,097,818	4.7%	17.1%	39.4%
Animal and Vegetable Oils	28,020	6.7%	8,119	19.0%	556,552	5.3%	2.4%	6.5%
Other Food	273,120	10.1%	326,828	22.0%	3,409,437	5.4%	4.8%	17.6%
Beverages	441,063	9.0%	53,498	1.0%	1,501,035	5.5%	12.8%	32.9%
Tobacco	36,420	4.3%	49,571	-4.5%	340,856	1.7%	14.1%	25.2%
Textiles	446,657	11.1%	205,222	12.8%	3,894,819	4.3%	5.3%	16.7%
Wearing Apparel	834,863	6.4%	61,342	-5.5%	2,511,709	3.2%	14.9%	35.7%
Leather and Leather Products	200,377	6.3%	81,938	-0.2%	816,734	4.0%	15.5%	34.6%
Footwear	317,220	-0.3%	6,860	7.2%	952,749	0.8%	17.4%	34.0%
Wood Products	328,239	19.1%	27,760	-4.3%	2,086,059	6.5%	4.8%	17.1%
Furniture and Fixtures	1,745,512	14.0%	36,688	0.8%	3,682,246	9.5%	15.6%	48.4%
Waste Paper	1,128	9.6%	853,656	15.8%	1,233,000	11.2%	21.0%	69.3%
Pulp	4,216	-9.8%	150,705	0.6%	605,887	3.3%	13.7%	25.6%
Paper and Paperboard Products	587,303	23.1%	417,024	-0.7%	4,517,561	6.6%	8.2%	22.2%
Printing and Publishing	45,000	10.3%	10,135	-1.1%	212,787	5.7%	10.2%	25.9%
Organic Chemicals	81,779	3.7%	126,089	4.3%	1,263,777	5.2%	7.6%	16.4%
Inorganic Chemicals	95,842	1.6%	96,809	1.7%	820,958	4.5%	12.0%	23.5%
Fertilizers and Pesticides	17,471	15.3%	16,846	-4.3%	246,598	5.0%	6.7%	13.9%
Synthetic Resins	271,038	6.9%	654,610	4.8%	7,431,859	5.9%	5.5%	12.5%
Paints, Varnishes and Lacquers	35,031	8.4%	30,894	7.6%	729,870	6.6%	3.6%	9.0%
Drugs & Medicines	31,026	19.6%	23,660	8.8%	229,805	9.5%	7.5%	23.8%
Soap and Cleaning Preparations	68,487	18.2%	62,118	5.1%	907,099	6.7%	5.0%	14.4%
Chemical Products, nec	210,196	9.2%	141,429	2.3%	2,096,884	6.4%	7.2%	16.8%
Petroleum Refineries	6,197	16.7%	77,248	13.3%	327,563	5.3%	7.6%	25.5%
Rubber Products	314,881	2.7%	40,938	-1.7%	1,510,370	5.3%	12.0%	23.6%
Plastic Products, nec	422,145	11.0%	86,492	2.2%	2,154,696	7.3%	8.9%	23.6%
Pottery, China, etc.	123,019	7.1%	4,107	7.2%	548,745	6.0%	9.4%	23.2%
Glass Products	203,868	10.6%	51,427	3.6%	1,579,116	7.5%	6.2%	16.2%
Non-metallic Products, n.e.c.	555,313	25.5%	27,449	5.5%	3,205,213	8.9%	3.8%	18.2%
Iron and Steel	121,895	-4.4%	92,023	31.1%	2,352,371	6.7%	4.3%	9.1%
Non-ferrous Metals	51,922	-3.8%	130,880	6.1%	1,888,879	4.4%	4.7%	9.7%
Metal Products	728,567	9.9%	106,007	4.6%	2,909,323	7.8%	11.0%	28.7%
Engines and Turbines	54,182	14.9%	11,456	3.1%	442,125	9.1%	5.1%	14.8%
Agriculturea Machinery	44,967	6.7%	50,364	6.7%	173,161	4.7%	22.2%	55.1%
Metal and Wood Working Machinery	40,685	1.0%	8,468	12.5%	330,013	5.5%	7.5%	14.9%
Special Industrial Machinery	185,020	6.8%	84,618	4.2%	928,574	5.3%	12.3%	29.0%
Office and Computing Machinery	418,652	1.9%	39,144	1.5%	1,454,201	3.0%	15.4%	31.5%
Machinery and Equipment, nec	399,831	13.3%	150,110	1.5%	2,456,411	6.2%	8.3%	22.4%
Radio and TV Appliances	221,520	11.3%	8,242	-6.8%	637,714	7.9%	13.2%	36.0%
Semi-conductors, Electronic tubes, parts	33,515	16.6%	3,872	-11.4%	421,405	3.9%	2.9%	8.9%
Other Communications Equipment	108,624	1.0%	22,005	7.1%	663,455	2.4%	9.5%	19.7%
Electrical Appliances and Housewares	246,936	13.5%	22,409	2.7%	751,285	9.3%	12.2%	35.9%
Electrical Apparatus, nec	389,429	7.0%	52,964	-0.9%	1,405,218	5.8%	13.5%	31.5%
Shipbuilding and Repairing	13,784	20.4%	17,483	16.2%	109,531	8.9%	7.6%	28.5%
Railroad Equipment	1,414	8.7%	2,857	16.8%	41,763	11.0%	3.4%	10.2%
Motor Vehicles	233,323	19.6%	190,861	9.7%	585,954	13.1%	23.9%	72.4%
Parts for Motor Vehicles	600,432	6.5%	199,506	3.5%	2,407,014	8.0%	15.0%	33.2%
Aircraft	11,856	3.8%	5,184	6.1%	43,108	6.9%	18.5%	39.5%
Transport Equipment, nec	21,058	5.8%	284	-4.3%	86,820	10.4%	11.6%	24.6%
Professional Equipment	66,937	11.7%	41,399	2.6%	284,339	4.5%	14.6%	38.1%
Photographic and Optical Goods	12,084	0.5%	18,043	6.4%	94,661	5.8%	15.1%	31.8%
Watches and Clocks	12,629	6.7%	383	2.9%	54,508	1.4%	9.0%	23.9%
Toys, Games and Sporting Goods	935,970	6.9%	36,228	-0.2%	2,166,374	6.5%	18.9%	44.9%
Jewelry	10,609	30.5%	186	-5.2%	38,369	9.8%	4.9%	28.1%
Misc. Manufacturing Goods	193,967	-0.5%	10,091	4.6%	866,703	3.6%	13.0%	23.5%
Total Trade in TEUs	13,958,624	10.2%	6,810,085	6.9%	87,090,741	5.8%	18.6%	23.8%

Table 2-5c. U.S. and World Trade Shares of TEUs by Major Commodity Groups, 2005-2020

Description	Imports 2020 TEUs	Growth 2005 2020	Exports 2020 TEUs	Growth 2005 20	World Market 2020 TEUs	Growth 2005 20	US Share of World 2005	US Share of World 2020
Grain	47,498	2.6%	22,394	1.4%	319,488	2.3%	9.3%	21.9%
Oil Seeds	3,345	-7.8%	27,286	4.0%	106,396	2.5%	14.7%	28.8%
Vegetables and Fruits, requiring refrigeration	99,884	0.4%	163,590	4.0%	2,534,249	3.3%	4.5%	10.4%
Vegetables and Fruits, not requiring refrigeration	95,120	2.9%	139,825	2.4%	1,699,562	3.4%	5.9%	13.8%
Cork and Wood	251,947	1.9%	151,292	0.6%	972,381	1.8%	19.2%	41.5%
Cotton	545	-5.7%	268,001	1.2%	613,557	0.9%	19.7%	43.8%
Other Raw Textile Materials	1,045	-9.0%	2,103	-1.5%	231,742	0.7%	1.6%	1.4%
Other Agrioculture	31,102	1.3%	26,883	-2.5%	509,771	-0.5%	6.2%	11.4%
Coffee	40,027	-4.6%	12,506	-3.9%	290,696	-2.2%	14.9%	18.1%
Cut Flowers and Foiliage, etc.	20,257	2.6%	6,561	1.2%	246,857	2.4%	4.6%	10.9%
Stone, Clay and Other Crude Minerals	26,217	-2.2%	166,259	0.5%	1,176,470	0.6%	8.5%	16.4%
Ores	4,505	1.8%	11,089	3.1%	234,311	1.9%	2.6%	6.7%
Coal and Coke	26	-1.4%	586	-0.1%	14,119	-0.2%	2.2%	4.3%
Crude Petroleum	7	2.1%	0	0.0%	13,790	2.4%	0.0%	0.1%
Natural Gas	166	1.0%	2,962	0.6%	112,937	0.8%	1.3%	2.8%
Scrap metal	3,352	-0.6%	90,453	0.2%	377,064	1.0%	13.1%	24.9%
Mea/Dair/Fish Requiring Refrigeration	360,026	1.9%	338,170	1.3%	2,711,474	0.6%	10.6%	25.7%
Other Meat/Dairy, Fish, Fruit and Vegetables	263,809	1.3%	136,399	-0.4%	3,471,773	1.2%	5.7%	11.5%
Sugar	20,505	2.2%	33,258	3.7%	791,277	4.5%	2.8%	6.8%
Animal Feed	11,570	2.0%	649,195	2.9%	1,765,014	3.2%	15.1%	37.4%
Animal and Vegetable Oils	46,614	3.5%	10,317	1.6%	896,438	3.2%	2.5%	6.4%
Other Food	411,341	2.8%	582,793	3.9%	5,111,413	2.7%	7.0%	19.4%
Beverages	484,329	0.6%	77,776	2.5%	2,228,742	2.7%	13.3%	25.2%
Tobacco	51,634	2.4%	10,550	-9.8%	278,250	-1.3%	13.9%	22.3%
Textiles	708,772	3.1%	647,861	8.0%	7,270,509	4.2%	5.8%	18.7%
Wearing Apparel	935,601	0.8%	61,734	0.0%	2,947,425	1.1%	16.4%	33.8%
Leather and Leather Products	236,907	1.1%	97,879	1.2%	1,037,670	1.6%	15.2%	32.3%
Footwear	95,504	-7.7%	7,696	0.8%	905,373	-0.3%	17.4%	11.4%
Wood Products	593,781	4.0%	22,617	-1.4%	3,219,939	2.9%	6.7%	19.1%
Furniture and Fixtures	3,999,951	5.7%	66,703	4.1%	7,850,529	5.2%	15.5%	51.8%
Waste Paper	468	-5.7%	487,729	-3.7%	789,252	-2.9%	42.3%	61.9%
Pulp	953	-9.4%	89,045	-3.4%	365,266	-3.3%	16.0%	24.6%
Paper and Paperboard Products	474,551	-1.4%	475,232	0.9%	7,716,314	3.6%	8.2%	12.3%
Printing and Publishing	82,169	4.1%	11,844	1.0%	365,901	3.7%	9.5%	25.7%
Organic Chemicals	99,277	1.3%	157,610	1.5%	1,877,781	2.7%	6.6%	13.7%
Inorganic Chemicals	146,031	2.8%	140,845	2.5%	1,556,155	4.4%	8.1%	18.4%
Fertilizers and Pesticides	7,438	-5.5%	19,361	0.9%	380,564	2.9%	5.5%	7.0%
Synthetic Resins	270,657	0.0%	956,643	2.6%	15,412,184	5.0%	4.1%	8.0%
Paints, Varnishes and Lacquers	72,715	5.0%	76,115	6.2%	1,841,931	6.4%	2.6%	8.1%
Drugs & Medicines	65,766	5.1%	42,913	4.0%	471,486	4.9%	7.8%	23.1%
Soap and Cleaning Preparations	117,702	3.7%	130,233	5.1%	1,980,292	5.3%	4.5%	12.5%
Chemical Products, nec	431,750	4.9%	276,354	4.6%	4,772,307	5.6%	5.1%	14.8%
Petroleum Refineries	9,139	2.6%	64,547	-1.2%	505,528	2.9%	10.0%	14.6%
Rubber Products	681,570	5.3%	79,929	4.6%	3,674,581	6.1%	6.9%	20.7%
Plastic Products, nec	605,159	2.4%	170,442	4.6%	4,380,114	4.8%	7.8%	17.7%
Pottery, China, etc.	166,851	2.1%	4,457	0.5%	996,377	4.1%	8.2%	17.2%
Glass Products	403,569	4.7%	73,695	2.4%	3,869,602	6.2%	4.7%	12.3%
Non-metallic Products, n.e.c.	828,054	2.7%	33,099	1.3%	5,403,024	3.5%	6.8%	15.9%
Iron and Steel	333,757	6.9%	169,924	4.2%	6,053,389	6.5%	2.5%	8.3%
Non-ferrous Metals	83,129	3.2%	267,230	4.9%	3,645,964	4.5%	3.3%	9.6%
Metal Products	1,673,361	5.7%	160,774	2.8%	6,488,095	5.5%	8.9%	28.3%
Engines and Turbines	133,344	6.2%	22,415	4.6%	1,159,707	6.6%	4.1%	13.4%
Agricultureal Machinery	44,977	0.0%	67,101	1.9%	222,464	1.7%	24.1%	50.4%
Metal and Wood Working Machinery	90,135	5.4%	12,268	2.5%	843,347	6.5%	4.2%	12.1%
Special Industrial Machinery	292,080	3.1%	113,843	2.0%	1,797,630	4.5%	9.9%	22.6%
Office and Computing Machinery	1,029,002	6.2%	123,906	8.0%	3,728,235	6.5%	8.8%	30.9%
Machinery and Equipment, nec	943,307	5.9%	252,917	3.5%	5,993,247	6.1%	6.5%	20.0%
Radio and TV Appliances	535,671	6.1%	21,864	6.7%	1,717,950	6.8%	9.8%	32.5%
Semi-conductors, Electronic tubes, parts	119,346	8.8%	11,599	7.6%	1,691,962	9.7%	1.8%	7.7%
Other Communications Equipment	346,558	8.0%	36,320	3.4%	2,047,881	7.8%	4.8%	18.7%
Electrical Appliances and Housewares	562,839	5.6%	30,924	2.2%	1,735,515	5.7%	10.8%	34.2%
Electrical Apparatus, nec	574,857	2.6%	92,612	3.8%	2,808,012	4.7%	10.5%	23.8%
Shipbuilding and Repairing	9,126	-2.7%	14,799	-1.1%	113,033	0.2%	14.0%	21.2%
Railroad Equipment	3,385	6.0%	6,889	6.0%	113,071	6.9%	2.8%	9.1%
Motor Vehicles	555,099	5.9%	274,503	2.5%	1,246,821	5.2%	23.1%	66.5%
Parts for Motor Vehicles	1,322,620	5.4%	370,673	4.2%	6,401,439	6.7%	9.1%	26.5%
Aircraft	26,253	5.4%	10,352	4.7%	91,028	5.1%	12.7%	40.2%
Transport Equipment, nec	47,000	5.5%	563	4.7%	166,372	4.4%	8.4%	28.6%
Professional Equipment	139,609	5.0%	65,805	3.1%	612,977	5.3%	12.1%	33.5%
Photographic and Optical Goods	21,610	4.0%	42,691	5.9%	200,614	5.1%	10.2%	32.1%
Watches and Clocks	32,679	6.5%	411	0.5%	86,156	3.1%	9.3%	38.4%
Toys, Games and Sporting Goods	1,987,515	5.1%	53,262	2.6%	4,082,284	4.3%	15.6%	50.0%
Jewelry	15,742	2.7%	362	4.5%	67,441	3.8%	10.2%	23.9%
Misc. Manufacturing Goods	40,969	-9.8%	13,362	1.9%	970,934	0.8%	11.1%	5.6%
Total Trade in TEUs	24,273,176	4.3%	9,362,200	2.7%	160,383,447	4.5%	18.6%	21.0%

Table 2-5d. U.S. and World Trade Shares of TEUs by Major Commodity Groups, 2020-2050

Description	Imports 2050 TEUs	Growth 2020 2050	Exports 2050 TEUs	Growth 2020 50	World Market TEUs	Growth 2020 50	US Share of World 2020	US Share of World 2050
Grain	74,609	1.5%	28,469	0.8%	510,517	1.6%	10.9%	20.2%
Oil Seeds	242	-8.4%	35,442	0.9%	161,688	1.4%	14.4%	22.1%
Vegetables and Fruits, requiring refrigeration	80,157	-0.7%	378,120	2.8%	6,309,816	3.1%	5.2%	7.3%
Vegetables and Fruits, not requiring refrigeration	136,231	1.2%	275,969	2.3%	4,561,685	3.3%	6.9%	9.0%
Cork and Wood	371,211	1.3%	173,528	0.5%	1,871,072	2.2%	20.7%	29.1%
Cotton	156	-4.1%	390,506	1.3%	1,040,559	1.8%	21.9%	37.5%
Other Raw Textile Materials	225	-5.0%	4,437	2.5%	680,185	3.7%	0.7%	0.7%
Other Agrioculture	58,089	2.1%	17,616	-1.4%	1,002,910	2.3%	5.7%	7.5%
Coffee	16,685	-2.9%	5,231	-2.9%	694,364	2.9%	9.0%	3.2%
Cut Flowers and Foiliage, etc.	33,039	1.6%	9,807	1.3%	522,484	2.5%	5.4%	8.2%
Stone, Clay and Other Crude Minerals	17,200	-1.4%	240,736	1.2%	2,341,737	2.3%	8.2%	11.0%
Ores	5,323	0.6%	32,601	3.7%	550,422	2.9%	3.3%	6.9%
Coal and Coke	21	-0.8%	697	0.6%	16,143	0.4%	2.2%	4.4%
Crude Petroleum	10	1.1%	0	0.0%	82,198	6.1%	0.0%	0.0%
Natural Gas	213	0.8%	5,205	1.9%	257,193	2.8%	1.4%	2.1%
Scrap metal	2,713	-0.7%	91,735	0.0%	545,442	1.2%	12.4%	17.3%
Mea/Dair/Fish Requiring Refrigeration	431,188	0.6%	380,648	0.4%	3,823,056	1.2%	12.9%	21.2%
Other Meat/Dairy, Fish, Fruit and Vegetables	346,867	0.9%	167,436	0.7%	7,293,932	2.5%	5.8%	7.1%
Sugar	21,849	0.2%	56,954	1.8%	1,707,490	2.6%	3.4%	4.6%
Animal Feed	15,817	1.0%	1,087,500	1.7%	4,049,104	2.8%	18.7%	27.2%
Animal and Vegetable Oils	66,681	1.2%	15,718	1.4%	1,930,909	2.6%	3.2%	4.3%
Other Food	605,552	1.3%	993,188	1.8%	13,191,040	3.2%	9.7%	12.1%
Beverages	587,039	0.6%	104,852	1.0%	5,046,903	2.8%	12.6%	13.7%
Tobacco	62,280	0.6%	1,948	-5.5%	339,043	0.7%	11.2%	18.9%
Textiles	1,394,597	2.3%	5,897,311	7.6%	43,197,411	6.1%	9.3%	16.9%
Wearing Apparel	1,207,911	0.9%	57,225	-0.3%	9,376,604	3.9%	16.9%	13.5%
Leather and Leather Products	256,101	0.3%	173,722	1.9%	2,321,290	2.7%	16.1%	18.5%
Footwear	29,929	-3.8%	11,167	1.2%	6,439,194	6.8%	5.7%	0.6%
Wood Products	963,729	1.6%	18,170	-0.7%	8,405,662	3.3%	9.6%	11.7%
Furniture and Fixtures	9,921,610	3.1%	331,060	5.5%	22,502,382	3.6%	25.9%	45.6%
Waste Paper	176	-3.2%	219,404	-2.6%	902,959	0.4%	30.9%	24.3%
Pulp	39	-10.1%	61,007	-1.3%	246,195	-1.3%	12.3%	24.8%
Paper and Paperboard Products	554,138	0.5%	905,276	2.2%	46,122,566	6.1%	6.2%	3.2%
Printing and Publishing	245,272	3.7%	28,281	2.9%	1,569,471	5.0%	12.8%	17.4%
Organic Chemicals	85,357	-0.5%	461,087	3.6%	7,028,800	4.5%	6.8%	7.8%
Inorganic Chemicals	216,470	1.3%	272,188	2.2%	9,922,711	6.4%	9.2%	4.9%
Fertilizers and Pesticides	2,458	-3.6%	23,198	0.6%	2,331,985	6.2%	3.5%	1.1%
Synthetic Resins	343,081	0.8%	2,889,659	3.8%	98,221,923	6.4%	4.0%	3.3%
Paints, Varnishes and Lacquers	203,556	3.5%	769,994	8.0%	13,701,567	6.9%	4.0%	7.1%
Drugs & Medicines	136,998	2.5%	171,693	4.7%	1,620,509	4.2%	11.5%	19.0%
Soap and Cleaning Preparations	258,873	2.7%	777,790	6.1%	7,129,611	4.4%	6.3%	14.5%
Chemical Products, nec	1,109,417	3.2%	1,618,863	6.1%	26,209,215	5.8%	7.4%	10.4%
Petroleum Refineries	18,326	2.3%	65,065	0.0%	2,115,772	4.9%	7.3%	3.9%
Rubber Products	1,750,788	3.2%	398,251	5.5%	21,370,766	6.0%	10.4%	10.1%
Plastic Products, nec	1,103,687	2.0%	1,240,534	6.8%	26,126,205	6.1%	8.9%	9.0%
Pottery, China, etc.	320,261	2.2%	4,665	0.2%	5,492,330	5.9%	8.6%	5.9%
Glass Products	1,171,758	3.6%	155,652	2.5%	26,551,980	6.6%	6.2%	5.0%
Non-metallic Products, n.e.c.	1,257,357	1.4%	68,020	2.4%	17,097,778	3.9%	8.0%	7.8%
Iron and Steel	1,280,296	4.6%	382,816	2.7%	35,023,025	6.0%	4.2%	4.7%
Non-ferrous Metals	82,298	0.0%	941,660	4.3%	21,325,536	6.1%	4.8%	4.8%
Metal Products	5,380,433	4.0%	500,730	3.9%	32,080,713	5.5%	14.1%	18.3%
Engines and Turbines	352,303	3.3%	53,843	3.0%	6,689,944	6.0%	6.7%	6.1%
Agriculturea Machinery	35,582	-0.8%	86,113	0.8%	288,784	0.9%	25.2%	42.1%
Metal and Wood Working Machinery	225,972	3.1%	21,576	1.9%	4,484,072	5.7%	6.1%	5.5%
Special Industrial Machinery	488,244	1.7%	254,186	2.7%	7,788,517	5.0%	11.3%	9.5%
Office and Computing Machinery	2,822,874	3.4%	1,416,689	8.5%	18,417,868	5.5%	15.5%	23.0%
Machinery and Equipment, nec	2,383,320	3.1%	715,698	3.5%	31,176,824	5.7%	10.0%	9.9%
Radio and TV Appliances	1,455,657	3.4%	113,548	5.6%	7,371,584	5.0%	16.2%	21.3%
Semi-conductors, Electronic tubes, parts	593,129	5.5%	107,019	7.7%	16,216,377	7.8%	3.9%	4.3%
Other Communications Equipment	1,257,090	4.4%	117,628	4.0%	12,450,494	6.2%	9.3%	11.0%
Electrical Appliances and Housewares	1,430,414	3.2%	114,678	4.5%	6,166,074	4.3%	17.1%	25.1%
Electrical Apparatus, nec	1,342,011	2.9%	610,149	6.5%	15,751,187	5.9%	11.9%	12.4%
Shipbuilding and Repairing	16,496	2.0%	17,167	0.5%	238,738	2.5%	10.6%	14.1%
Railroad Equipment	7,927	2.9%	16,904	3.0%	644,519	6.0%	4.5%	3.9%
Motor Vehicles	1,332,239	3.0%	485,469	1.9%	3,279,422	3.3%	33.3%	55.4%
Parts for Motor Vehicles	3,134,998	2.9%	1,188,201	4.0%	28,706,221	5.1%	13.2%	15.1%
Aircraft	66,637	3.2%	27,281	3.3%	245,454	3.4%	20.1%	38.3%
Transport Equipment, nec	105,044	2.7%	1,580	3.5%	365,885	2.7%	14.3%	29.1%
Professional Equipment	316,091	2.8%	254,926	4.6%	2,281,817	4.5%	16.8%	25.0%
Photographic and Optical Goods	48,062	2.7%	345,811	7.2%	1,083,523	5.8%	16.0%	36.4%
Watches and Clocks	127,822	4.7%	746	2.0%	252,843	3.7%	19.2%	50.8%
Toys, Games and Sporting Goods	4,783,283	3.0%	273,274	5.6%	12,222,922	3.7%	25.0%	41.4%
Jewelry	30,174	2.2%	1,185	4.0%	199,716	3.7%	11.9%	15.7%
Misc. Manufacturing Goods	1,430	-10.6%	46,099	4.2%	3,210,260	4.1%	2.8%	1.5%
Total Trade in TEUs	54,585,110	2.9%	29,212,603	4.8%	732,497,096	5.5%	21.0%	11.4%

Table 2-6. U.S. and World TEUs Growth Summary Trends, 1995-2050

	U.S. Import TEUs	U.S. Export TEUs	World TEUs	U.S. TEU Share of World
1995-2000	12%	0%	8%	19% (2000)
2000-2005	10%	6%	6%	24% (2005)
2005-2020	4%	3%	4%	21% (2020)
2020-2050	3%	5%	5%	11% (2050)

VI. U.S. TRADE FORECAST

Historic U.S. waterborne trade for the period 1995 - 2003 is presented along with a forecast for 2004 - 2050. U.S. waterborne trade is forecasted for nine domestic regions: (1) Alaska; (2) Gulf Coast; (3) Great Lakes; (4) Hawaii; (5) North Atlantic; (6) North Pacific; (7) Puerto Rico; (8) South Atlantic; and (9) South Pacific. The 85 countries that comprise the world trade have been aggregated into seven regions: (1) Africa; (2) Asia; (3) Europe; (4) Mideast; (5) North America (Canada, U.S., and Mexico); (6) South America; and (7) the Caribbean. For summary reporting of the U.S. waterborne trade results, the six continental U.S. regions were used, excluding Alaska, Hawaii, and Puerto Rico.[11]

Detailed U.S. world maritime trade was aggregated to 10 commodity groups: (1) Agriculture; (2) Capital Equipment; (3) Chemicals; (4) Consumer Goods; (5) Extractive; (6) Food; (7) Fuels; (8) High Tech; (9) Intermediate Manufacturing; and (10) Materials. For summary reporting, U.S. world waterborne trade has been compiled by six continental regions, 10 commodities, and 11 years, consisting of actual trade in 1995, 2000, and 2003 and forecasted trade in 2004, 2005, 2010, 2015, 2020, 2030, 2040 and 2050. The selection of reporting years was based on a balance of historic data, near-term projections in 2004, 2005, and 2010, and longer-term projections beyond 2015 in terms of what could be fitted into tables in the main body of the report.

U.S. waterborne world trade has been projected in metric tonnes and TEUs as follows: (1) All Commodities (metric tonnes); (2) Containerized Commodities (metric tonnes); and (3) TEUs. The containerized commodities are a subset of all commodities. TEUs are developed from the containerized commodities based on commodity density relationships. For each forecast grouping (all commodities, containerized commodities, and TEUs), there are two sets of projections for exports (origin/destination) and imports (destination/origin) with respect to the U.S. and the seven world regions.

The U.S. waterborne trade forecasts for the 10 commodity categories for all commodities (metric tonnes), containerized commodities (metric tonnes), and TEUs for exports and imports are contained in an Appendix B. The U.S. waterborne world trade forecasts are summarized for all commodities in six tables for the seven regions. The forecasts reflect U.S. origin/destination (exports) and U.S. destination/origin (imports) for all commodities (metric tonnes), containerized commodities, (metric tonnes), and TEUs as follows:

Table 2-7 – Origin/Destination U.S. Commodity Forecast (metric tonnes)
Table 2-8 – Destination/Origin U.S. Commodity Forecast (metric tonnes)
Table 2-9 – Origin/Destination U.S. Containerized Commodity Forecast (metric tonnes)
Table 2-10 – Destination/Origin U.S. Containerized Commodity Forecast (metric tonnes)
Table 2-11 – Origin/Destination U.S. Containerized Commodity Forecast (TEUs)
Table 2-12 – Destination/Origin U.S. Containerized Commodity Forecast (TEUs)

[11] The full forecast is available on a cd-rom.

Table 2-7. U.S. Commodity Forecast for All Commodities, Sorted by Origin, by Major Region, 1995-2050, Selected Years (Metric Tonnes)

Origin	Destination	1995	2000	2003	2004	2005	2010	2015	2020	2030	2040	2050
North Atlantic	Africa	916,871	548,084	221,442	220,103	218,992	231,185	238,810	250,300	280,898	329,257	415,351
North Atlantic	Asia	13,960,750	6,961,449	8,837,144	9,250,606	9,270,680	9,482,315	9,785,641	10,535,969	12,835,386	16,881,243	24,537,916
North Atlantic	Europe	33,959,934	18,675,604	13,643,554	13,900,644	13,980,998	12,838,292	12,490,208	12,524,759	13,081,176	14,779,128	18,442,629
North Atlantic	Mideast	3,597,865	1,095,576	1,432,449	1,429,521	1,493,730	1,579,931	1,662,666	1,780,991	2,073,737	2,427,349	2,857,108
North Atlantic	North America	869,534	2,078,706	1,623,821	1,641,668	1,651,805	1,806,570	1,892,641	1,984,001	2,219,464	2,388,733	2,706,130
North Atlantic	South America	6,148,312	4,626,630	3,139,320	3,202,490	3,302,950	3,653,081	3,863,212	4,062,578	4,562,833	5,183,353	5,936,026
North Atlantic	Caribbean	100,528	80,703	142,365	145,643	151,307	186,891	241,927	315,981	578,891	1,106,083	2,109,882
South Atlantic	Africa	197,153	144,011	142,940	143,401	144,078	154,159	163,624	183,492	256,057	415,959	790,866
South Atlantic	Asia	6,318,402	6,073,964	6,737,734	7,026,350	7,151,692	7,498,514	7,900,876	8,554,073	10,484,268	13,638,385	18,705,511
South Atlantic	Europe	5,910,111	5,885,058	5,430,558	5,630,642	5,662,891	5,411,108	5,408,690	5,665,013	6,478,314	7,819,933	9,883,605
South Atlantic	Mideast	454,779	345,066	544,798	546,675	549,330	634,646	677,705	735,986	872,838	1,035,794	1,223,534
South Atlantic	North America	391,338	537,203	476,446	471,935	490,000	583,525	634,611	678,184	786,567	904,965	1,031,263
South Atlantic	South America	3,390,596	3,060,587	2,677,723	2,759,693	2,794,110	3,099,502	3,396,914	3,769,843	4,926,495	6,901,953	9,967,905
South Atlantic	Caribbean	558,100	784,677	869,413	927,918	990,685	1,372,204	1,957,095	2,740,407	5,569,284	11,360,967	22,472,124
Gulf Coast	Africa	1,754,896	1,033,634	1,265,369	1,260,911	1,253,069	1,310,434	1,378,398	1,488,698	1,887,804	2,745,000	4,595,166
Gulf Coast	Asia	22,534,794	19,555,035	20,083,467	20,982,229	21,276,557	22,347,376	23,156,422	24,458,167	28,131,025	31,114,050	39,182,352
Gulf Coast	Europe	29,528,045	19,168,784	14,360,905	15,104,291	15,328,787	15,057,383	15,367,352	16,046,989	17,794,666	20,667,667	25,169,483
Gulf Coast	Mideast	2,613,897	3,491,026	2,823,074	2,976,822	3,121,045	4,164,248	4,683,426	5,236,308	6,475,586	7,867,993	9,391,467
Gulf Coast	North America	4,914,212	14,555,052	12,414,616	12,871,348	13,126,503	14,074,818	14,680,405	15,678,132	17,967,023	20,637,355	23,525,324
Gulf Coast	South America	15,729,282	14,333,617	16,908,499	17,527,707	17,898,394	20,064,945	21,878,441	23,595,774	27,825,928	34,274,512	43,885,569
Gulf Coast	Caribbean	2,838,530	4,423,930	5,808,261	6,065,273	6,270,681	6,949,632	7,496,419	8,090,060	9,714,935	12,385,447	16,886,469
South Pacific	Africa	34,159	11,778	14,069	13,371	12,934	15,857	17,342	18,851	22,244	26,130	30,969
South Pacific	Asia	28,486,063	24,641,560	23,410,196	24,316,177	24,515,495	26,160,441	27,600,996	30,178,203	38,077,504	52,442,033	79,466,983
South Pacific	Europe	1,355,579	1,029,245	730,629	739,029	727,466	779,181	810,539	849,964	954,200	1,107,602	1,342,382
South Pacific	Mideast	30,287	58,241	102,867	103,941	104,853	124,921	136,319	148,596	176,665	209,584	246,758
South Pacific	North America	1,253,197	2,096,695	495,389	499,319	502,128	481,006	460,719	465,932	477,638	491,282	504,373
South Pacific	South America	1,010,733	974,363	1,045,873	1,123,265	1,136,925	1,255,800	1,350,098	1,432,853	1,598,452	1,782,813	1,995,689
South Pacific	Caribbean	149,995	93,784	422,386	435,032	443,040	482,718	527,387	582,412	768,363	1,146,266	1,846,025
North Pacific	Africa	24,192	3,939	16,695	16,302	16,059	17,458	18,384	19,345	21,388	24,940	32,687
North Pacific	Asia	27,833,968	18,647,696	21,016,436	22,295,615	22,824,938	25,979,234	27,679,340	29,222,349	33,461,595	36,251,553	44,819,538
North Pacific	Europe	658,528	637,029	810,330	839,423	859,109	923,086	980,647	1,049,175	1,219,540	1,435,293	1,709,073
North Pacific	Mideast	10,089	10,544	13,570	13,589	13,840	15,479	16,845	18,180	20,951	24,052	27,505
North Pacific	North America	2,237,545	1,057,309	1,660,956	1,753,418	1,672,103	1,972,776	2,048,062	2,145,782	2,393,602	2,781,005	3,317,107
North Pacific	South America	962,465	463,915	885,460	940,325	957,092	1,077,819	1,183,594	1,277,244	1,454,246	1,639,254	1,845,812
North Pacific	Caribbean	41,041	39,866	439,859	444,300	446,717	461,472	472,252	479,263	488,261	495,267	502,160
Great Lakes	Africa	171,081	25,009	4,635	4,479	4,420	4,229	4,099	4,103	4,212	4,477	4,884
Great Lakes	Asia	331,452	81,003	368,856	378,181	382,078	420,862	458,372	491,377	590,543	761,288	1,072,652
Great Lakes	Europe	1,348,580	1,661,411	1,633,213	1,721,543	1,803,064	2,063,743	2,354,898	2,625,535	3,218,035	3,949,404	4,871,924
Great Lakes	Mideast	29,136	71,912	6,358	6,688	7,039	9,445	10,887	12,349	15,629	19,426	23,805
Great Lakes	North America	16,842,153	14,752,127	24,293,911	23,868,126	24,478,372	26,210,660	27,396,484	28,369,693	30,642,002	32,126,843	35,002,936
Great Lakes	South America	25,281	20,067	3,636	3,862	3,917	4,503	4,972	5,378	6,281	7,331	8,551
Great Lakes	Caribbean	39	1,069	1,173	1,223	1,277	1,533	1,947	2,522	4,559	8,711	16,707
Total		**239,523,492**	**193,836,959**	**196,960,396**	**203,603,079**	**207,041,145**	**220,962,980**	**232,489,665**	**247,774,814**	**290,419,084**	**351,599,680**	**462,404,197**
Average Annual Growth Rate			**-4.14%**	**0.53%**	**3.37%**	**1.69%**	**1.31%**	**1.02%**	**1.28%**	**1.60%**	**1.93%**	**2.78%**

Table 2-8. U.S. Commodity Forecast for all Commodities, Sorted by Destination, by Major Region, 1995-2050, Selected Years (Metric Tonnes)

Destination	Origin	1995	2000	2003	2004	2005	2010	2015	2020	2030	2040	2050
North Atlantic	Africa	9,710,130	9,604,922	12,260,142	14,287,698	15,725,261	20,855,774	22,813,749	24,115,787	27,172,984	30,713,394	34,708,691
North Atlantic	Asia	8,578,743	9,896,597	12,987,501	13,468,830	14,519,365	18,577,584	21,119,369	23,566,628	29,827,339	37,934,816	47,990,628
North Atlantic	Europe	15,164,582	27,873,047	33,037,656	36,018,092	38,240,094	45,854,928	51,912,651	57,981,634	74,016,111	95,259,228	122,033,214
North Atlantic	Mideast	593,395	1,142,043	1,501,171	1,675,248	1,849,642	2,267,838	2,570,539	2,861,117	3,553,976	4,440,180	5,579,757
North Atlantic	North America	17,735,161	24,616,678	30,977,371	34,650,309	36,294,560	42,330,964	46,677,265	50,235,302	58,691,693	69,450,554	83,430,744
North Atlantic	South America	28,099,053	34,702,337	34,956,757	37,512,311	39,562,170	45,829,627	50,282,806	54,083,094	63,896,391	77,466,655	96,385,331
North Atlantic	Caribbean	142,715	336,549	292,969	293,707	302,434	360,097	395,034	427,815	496,945	570,148	647,978
South Atlantic	Africa	245,751	484,120	406,065	432,665	471,899	562,162	614,214	659,569	778,302	921,403	1,083,681
South Atlantic	Asia	3,022,497	6,464,596	7,043,515	7,465,238	8,129,331	11,524,486	14,296,967	17,364,640	25,926,009	38,905,434	57,922,317
South Atlantic	Europe	6,488,200	11,169,284	12,931,340	13,557,925	14,406,539	18,142,957	20,255,114	22,169,927	27,353,293	34,546,540	44,001,769
South Atlantic	Mideast	388,985	745,107	1,159,064	1,309,197	1,479,834	1,846,819	2,078,875	2,289,092	2,768,434	3,334,361	3,978,774
South Atlantic	North America	5,937,732	6,554,488	8,154,597	8,374,182	8,008,402	8,233,821	8,317,913	8,352,880	8,566,179	9,048,233	9,966,034
South Atlantic	South America	9,649,545	13,168,052	17,872,386	19,311,076	20,789,950	24,980,210	28,212,218	31,194,100	38,172,370	46,688,585	56,960,970
South Atlantic	Caribbean	334,728	729,691	780,118	788,568	815,837	920,119	1,006,159	1,094,158	1,312,853	1,576,094	1,887,404
Gulf Coast	Africa	7,686,232	8,369,253	8,106,259	9,189,378	9,874,187	11,300,051	11,051,626	10,488,459	9,671,516	9,144,260	8,892,144
Gulf Coast	Asia	8,727,364	16,270,911	11,019,025	11,793,172	12,869,158	16,910,519	19,445,429	21,954,977	28,526,131	37,783,039	50,549,949
Gulf Coast	Europe	13,858,305	23,983,099	27,313,865	29,593,935	31,123,283	36,148,929	39,511,285	41,972,608	48,649,355	57,975,912	70,184,283
Gulf Coast	Mideast	685,753	1,786,257	1,263,634	1,435,341	1,604,515	2,062,241	2,586,079	3,094,306	4,325,372	5,874,048	7,722,591
Gulf Coast	North America	57,429,421	75,243,298	90,041,237	101,566,871	107,912,685	125,687,622	133,776,510	137,969,709	148,984,815	163,143,420	180,735,244
Gulf Coast	South America	81,982,708	93,400,891	91,933,028	101,443,064	108,610,657	125,287,594	133,344,841	137,612,732	148,448,592	162,013,909	178,193,194
Gulf Coast	Caribbean	894,555	1,547,631	1,806,722	1,979,773	2,096,243	2,439,989	2,611,129	2,723,417	3,020,295	3,406,825	3,890,607
South Pacific	Africa	66,999	78,865	1,063,302	1,243,221	1,370,928	1,832,693	2,013,769	2,136,454	2,423,453	2,751,751	3,118,165
South Pacific	Asia	20,284,006	41,972,608	43,338,892	45,812,779	49,616,445	67,408,232	79,639,406	91,759,661	121,583,822	158,975,052	203,690,275
South Pacific	Europe	1,919,621	3,773,182	3,370,019	3,651,839	3,998,636	5,165,532	5,993,703	6,870,090	9,187,204	12,331,936	16,406,167
South Pacific	Mideast	26,612	181,565	321,986	367,986	422,521	594,615	765,613	964,036	1,524,444	2,393,258	3,694,806
South Pacific	North America	3,987,710	6,724,763	9,313,202	10,130,847	10,441,570	12,028,701	13,352,411	14,459,899	17,318,672	21,201,549	26,459,338
South Pacific	South America	6,572,908	10,049,249	10,837,875	12,208,388	13,117,002	15,910,423	17,700,974	19,025,792	22,143,026	25,868,273	30,239,189
South Pacific	Caribbean	166,227	288,194	685,254	717,008	748,616	787,447	847,022	885,522	963,124	1,056,137	1,170,664
North Pacific	Africa	1,198	7,893	8,074	8,726	9,226	9,620	10,329	11,126	13,249	14,466	14,600
North Pacific	Asia	8,525,799	10,838,233	9,669,812	10,279,840	11,167,292	15,347,721	18,350,658	21,297,244	28,559,308	37,721,834	48,799,133
North Pacific	Europe	164,465	313,934	341,281	352,413	377,134	462,325	543,493	619,702	800,861	1,000,683	1,262,394
North Pacific	Mideast	157,543	629,472	486,021	561,879	601,281	752,980	919,580	1,096,490	1,560,168	2,257,451	3,381,810
North Pacific	North America	5,535,978	6,374,301	6,705,291	7,257,390	7,530,717	8,933,842	10,312,148	11,695,412	14,989,817	19,129,645	24,259,894
North Pacific	South America	1,028,620	1,672,264	2,206,078	2,489,944	2,671,813	3,200,504	3,519,826	3,741,438	4,270,979	4,903,269	5,637,009
North Pacific	Caribbean	31,536	32,441	22,289	22,930	23,882	24,091	24,794	25,213	26,152	27,534	29,384
Great Lakes	Africa	138,323	125,679	130,775	130,869	131,027	131,317	131,513	131,692	132,041	132,385	132,723
Great Lakes	Asia	360,791	727,343	200,051	214,426	236,231	336,868	410,563	490,729	712,621	1,046,378	1,536,310
Great Lakes	Europe	2,116,412	2,422,363	1,328,080	1,449,425	1,596,065	2,116,398	2,691,363	3,222,097	4,539,162	6,266,163	8,446,878
Great Lakes	Mideast	206	17,898	8,882	10,053	11,571	17,191	25,868	36,098	67,566	121,007	207,118
Great Lakes	North America	12,604,672	14,729,609	16,754,846	17,727,701	18,097,746	19,967,680	20,443,999	20,580,016	21,009,377	21,626,634	22,418,339
Great Lakes	South America	1,233,949	838,821	870,486	864,000	975,465	1,252,247	1,397,386	1,505,890	1,766,871	2,078,884	2,431,474
Great Lakes	Caribbean	21	40	3	3	3	3	3	3	3	3	3
Total		**342,279,150**	**469,887,568**	**513,506,921**	**561,648,246**	**597,831,216**	**718,404,761**	**791,974,192**	**852,766,555**	**1,007,750,872**	**1,211,101,330**	**1,470,080,976**
Average Annual Growth Rate			**6.54%**	**3.00%**	**9.38%**	**6.44%**	**3.74%**	**1.97%**	**1.49%**	**1.68%**	**1.86%**	**1.96%**

Table 2-9. Containerized U.S. Commodity Forecast for all Commodities, Sorted by Origin, by Major Region, 1995-2050, Selected Years (Metric Tonnes)

Origin	Destination	1995	2000	2003	2004	2005	2010	2015	2020	2030	2040	2050
North Atlantic	Africa	155,673	116,687	145,972	142,372	141,002	157,838	171,520	184,613	215,401	258,341	327,416
North Atlantic	Asia	3,257,433	3,197,706	5,291,108	5,447,710	5,421,796	5,488,907	5,727,530	6,284,658	8,105,690	11,613,353	18,530,460
North Atlantic	Europe	3,467,878	3,174,448	3,044,402	3,106,671	3,148,029	3,423,110	3,768,017	4,178,586	5,276,538	7,002,312	9,912,869
North Atlantic	Mideast	314,488	370,792	300,239	307,715	314,243	363,922	397,917	436,004	523,612	628,225	751,472
North Atlantic	North America	24,263	15,661	29,329	29,206	29,430	29,306	29,953	32,099	36,775	42,217	48,271
North Atlantic	South America	1,190,937	1,108,259	992,857	1,036,398	1,044,398	1,161,705	1,263,689	1,371,771	1,637,112	1,988,224	2,436,367
North Atlantic	Caribbean	42,584	71,121	117,154	122,002	127,724	163,672	221,460	299,949	579,864	1,143,113	2,216,724
South Atlantic	Africa	64,889	82,641	57,843	57,313	57,867	69,520	82,572	102,778	174,979	334,360	710,805
South Atlantic	Asia	3,022,237	3,490,230	4,550,815	4,749,467	4,816,949	5,034,474	5,310,283	5,813,036	7,263,757	9,593,971	13,152,591
South Atlantic	Europe	2,207,659	2,491,972	2,621,351	2,712,309	2,731,237	2,653,835	2,714,374	2,888,243	3,397,050	4,224,472	5,499,863
South Atlantic	Mideast	219,435	313,436	430,999	432,305	430,103	505,921	544,622	593,771	710,820	852,232	1,016,274
South Atlantic	North America	47,137	105,832	109,640	114,242	117,501	135,782	151,304	163,403	189,291	217,052	246,690
South Atlantic	South America	2,225,247	2,125,267	1,823,287	1,893,402	1,919,515	2,155,403	2,399,493	2,699,039	3,674,255	5,389,813	8,050,297
South Atlantic	Caribbean	479,622	731,854	823,680	877,815	936,833	1,311,855	1,919,069	2,739,060	5,720,748	11,856,586	23,656,422
Gulf Coast	Africa	73,790	133,990	181,305	177,604	177,106	215,838	246,313	287,028	418,920	652,805	1,041,517
Gulf Coast	Asia	1,224,516	838,582	1,256,107	1,314,990	1,330,746	1,424,858	1,574,522	1,810,645	2,591,302	4,130,959	7,139,491
Gulf Coast	Europe	2,268,672	2,850,724	3,071,223	3,101,186	3,087,737	3,368,724	3,642,043	3,941,597	4,718,709	5,863,767	7,618,868
Gulf Coast	Mideast	222,998	399,751	523,515	534,251	540,111	653,083	727,685	807,194	991,057	1,209,878	1,461,134
Gulf Coast	North America	60,984	245,189	1,034,500	1,109,981	1,175,194	1,565,690	1,794,353	2,014,895	2,483,217	2,988,347	3,514,786
Gulf Coast	South America	2,371,941	2,321,560	2,263,894	2,373,924	2,405,583	2,741,573	3,065,370	3,445,239	4,625,130	6,697,741	9,872,953
Gulf Coast	Caribbean	694,456	975,730	1,225,270	1,277,055	1,326,114	1,573,046	1,890,889	2,293,140	3,613,954	6,069,706	10,492,443
South Pacific	Africa	8,658	7,723	10,552	10,055	9,780	11,593	12,739	13,882	16,595	19,903	24,271
South Pacific	Asia	15,966,463	15,420,181	17,864,484	18,433,056	18,585,761	19,974,852	21,334,942	23,664,986	30,876,508	44,471,145	70,644,464
South Pacific	Europe	650,993	621,031	576,980	579,615	563,639	611,551	636,091	666,099	747,960	869,678	1,058,717
South Pacific	Mideast	26,728	52,711	82,590	83,671	84,267	102,125	112,695	123,505	148,193	177,137	209,712
South Pacific	North America	7,606	35,473	27,002	29,414	30,732	36,510	40,461	43,581	49,944	56,919	64,677
South Pacific	South America	304,246	317,106	274,763	280,364	281,506	299,142	311,991	329,586	380,540	455,213	555,279
South Pacific	Caribbean	30,654	62,201	94,413	99,913	105,283	134,485	172,533	224,740	416,068	817,619	1,568,093
North Pacific	Africa	3,877	3,325	13,571	13,208	12,934	14,130	14,858	15,420	16,202	16,867	17,546
North Pacific	Asia	10,086,754	8,441,668	8,773,273	9,156,602	9,391,896	10,519,551	11,224,340	12,199,507	14,765,190	18,369,976	24,205,502
North Pacific	Europe	227,832	218,964	225,283	237,713	242,197	256,523	253,276	263,225	309,585	386,010	503,040
North Pacific	Mideast	1,852	3,467	6,748	6,692	6,773	7,663	8,397	9,120	10,615	12,304	14,194
North Pacific	North America	8,408	16,065	26,787	26,944	27,728	31,147	34,371	37,862	45,239	53,427	62,374
North Pacific	South America	112,825	98,961	94,949	99,296	101,235	113,193	121,795	130,705	148,999	170,904	198,548
North Pacific	Caribbean	852	16,452	21,736	22,377	22,936	25,515	27,085	28,547	31,837	36,435	43,361
Great Lakes	Africa	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	Asia	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	Europe	42	0	3,679	3,878	4,218	6,488	7,907	8,359	9,423	10,585	11,738
Great Lakes	Mideast	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	North America	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	South America	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	Caribbean	0	0	0	0	0	0	0	0	0	0	0
Total		**51,074,627**	**50,476,759**	**57,991,298**	**60,000,717**	**60,750,104**	**66,342,530**	**71,956,461**	**80,145,876**	**104,921,079**	**148,681,598**	**226,879,229**
Average Annual Growth Rate			**-0.24%**	**4.73%**	**3.47%**	**1.25%**	**1.78%**	**1.64%**	**2.18%**	**2.73%**	**3.55%**	**4.32%**

Table 2-10. Containerized U.S. Commodity Forecast for all Commodities, Sorted by Destination, by Major Region, 1995-2050, Selected Years
(Metric Tonnes)

Destination	Origin	1995	2000	2003	2004	2005	2010	2015	2020	2030	2040	2050
North Atlantic	Africa	143,285	276,149	329,362	353,172	381,118	458,640	504,997	548,736	657,590	787,554	945,623
North Atlantic	Asia	3,081,907	5,018,788	7,164,437	7,328,864	7,888,540	10,293,457	11,835,198	13,337,385	17,254,664	22,312,655	28,549,081
North Atlantic	Europe	6,276,153	8,945,162	9,218,066	9,684,897	10,439,853	12,515,349	13,591,315	14,575,485	17,281,329	20,731,239	24,839,644
North Atlantic	Mideast	383,754	587,441	678,147	746,208	821,997	993,739	1,114,331	1,233,692	1,511,043	1,834,988	2,200,044
North Atlantic	North America	67,359	68,812	59,644	64,924	67,169	80,904	89,757	98,682	123,132	157,179	201,901
North Atlantic	South America	1,770,658	2,659,346	4,112,297	4,308,605	4,491,022	5,474,624	6,182,330	6,863,643	8,534,506	10,566,204	13,101,782
North Atlantic	Caribbean	24,359	69,688	95,654	94,937	95,027	88,613	85,267	80,634	72,308	65,936	62,291
South Atlantic	Africa	45,152	66,421	108,051	116,425	128,107	169,203	196,852	225,306	292,652	372,303	463,822
South Atlantic	Asia	1,689,840	2,844,511	4,023,957	4,242,260	4,607,202	6,515,967	8,165,272	10,079,383	15,568,902	24,097,522	36,816,628
South Atlantic	Europe	1,977,002	3,559,871	4,107,672	4,315,734	4,663,397	5,847,028	6,560,176	7,250,188	9,133,839	11,765,249	15,248,731
South Atlantic	Mideast	116,021	213,985	309,220	340,958	379,531	481,940	545,558	609,896	768,492	972,221	1,225,101
South Atlantic	North America	45,906	163,224	104,839	110,313	117,301	138,870	154,112	166,689	195,880	232,138	277,337
South Atlantic	South America	1,363,254	1,882,160	2,805,120	2,902,979	3,070,109	3,791,727	4,190,319	4,552,992	5,360,804	6,279,284	7,362,521
South Atlantic	Caribbean	319,886	716,291	699,288	711,879	739,580	833,062	924,539	1,020,501	1,260,428	1,549,317	1,889,429
Gulf Coast	Africa	48,389	97,960	106,487	115,442	123,482	130,561	134,189	137,768	154,088	176,631	202,274
Gulf Coast	Asia	352,837	489,093	622,750	649,782	702,374	935,304	1,106,344	1,284,275	1,772,510	2,499,200	3,553,818
Gulf Coast	Europe	1,841,371	2,642,074	2,696,920	2,882,089	3,153,437	4,025,351	4,563,526	5,035,592	6,354,562	8,296,071	10,945,030
Gulf Coast	Mideast	64,187	133,040	106,306	116,816	129,333	161,762	188,004	213,627	274,521	350,176	441,489
Gulf Coast	North America	256,074	306,356	389,152	388,952	398,487	447,136	486,191	522,637	612,447	723,383	855,913
Gulf Coast	South America	783,122	1,515,404	2,311,903	2,389,742	2,512,857	2,956,428	3,207,970	3,422,452	3,946,394	4,612,484	5,457,685
Gulf Coast	Caribbean	154,641	313,402	345,961	352,427	367,150	415,206	468,525	525,153	675,185	870,476	1,114,953
South Pacific	Africa	10,741	13,669	17,338	18,793	20,737	27,595	32,413	36,810	48,227	61,802	77,493
South Pacific	Asia	15,315,374	27,093,798	31,215,619	32,515,110	34,977,173	46,836,695	55,324,253	63,847,834	84,925,159	111,307,606	142,645,251
South Pacific	Europe	1,243,720	2,025,636	1,981,764	2,161,224	2,397,330	3,026,492	3,434,484	3,858,326	4,938,855	6,362,411	8,181,989
South Pacific	Mideast	22,133	92,113	170,802	195,046	223,252	315,135	384,098	464,042	672,035	963,542	1,359,220
South Pacific	North America	104,482	239,240	234,284	251,404	255,216	301,117	333,476	361,935	429,201	512,413	613,557
South Pacific	South America	269,198	420,230	731,074	759,625	792,231	942,782	1,058,612	1,162,431	1,428,954	1,779,468	2,239,143
South Pacific	Caribbean	45,953	209,051	362,454	386,610	401,299	351,643	353,244	337,543	303,262	279,507	273,621
North Pacific	Africa	366	1,563	1,655	1,802	1,963	2,478	2,827	3,195	4,049	5,014	6,057
North Pacific	Asia	4,363,037	5,514,287	6,166,552	6,443,568	6,930,495	9,303,147	11,032,575	12,729,657	16,909,878	22,100,847	28,242,788
North Pacific	Europe	55,627	98,056	108,903	117,040	129,256	168,367	196,775	225,871	297,157	385,615	500,272
North Pacific	Mideast	84	1,237	11,239	12,253	13,441	18,922	23,966	29,374	42,737	61,483	88,950
North Pacific	North America	223,192	131,574	96,943	104,278	107,138	123,460	137,801	152,026	184,313	222,211	266,113
North Pacific	South America	109,816	64,103	84,926	85,133	86,477	99,487	109,852	119,600	143,997	174,832	212,971
North Pacific	Caribbean	6,371	14,005	17,830	17,635	17,622	15,935	15,257	14,255	12,358	10,990	10,238
Great Lakes	Africa	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	Asia	1	0	113	126	140	148	146	143	133	120	107
Great Lakes	Europe	11,866	569	29,284	28,730	30,351	35,760	41,188	46,558	58,447	71,994	87,549
Great Lakes	Mideast	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	North America	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	South America	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	Caribbean	0	0	0	0	0	0	0	0	0	0	0
Total		**42,587,118**	**68,488,306**	**81,626,014**	**85,315,782**	**91,661,192**	**118,324,034**	**136,775,739**	**155,174,314**	**202,204,039**	**263,552,065**	**340,560,419**
Average Annual Growth Rate			**9.97%**	**6.02%**	**4.52%**	**7.44%**	**5.24%**	**2.94%**	**2.56%**	**2.68%**	**2.69%**	**2.60%**

Table 2-11. Containerized U.S. Commodity Forecast for all Commodities, Sorted by Origin, by Major Region, 1995-2050, Selected Years (TEUs)

Origin	Destination	1995	2000	2003	2004	2005	2010	2015	2020	2030	2040	2050
North Atlantic	Africa	17,714	15,201	24,691	24,530	24,633	27,559	29,548	31,229	35,108	40,155	47,995
North Atlantic	Asia	310,054	319,145	558,179	570,496	566,122	556,525	574,208	633,137	833,846	1,237,439	2,040,377
North Atlantic	Europe	393,819	405,608	439,053	451,167	458,574	516,885	569,824	632,804	805,392	1,080,815	1,548,565
North Atlantic	Mideast	32,235	40,396	40,944	42,447	44,335	49,358	53,501	58,232	69,014	81,665	96,539
North Atlantic	North America	2,196	1,973	1,703	1,729	1,777	1,987	2,142	2,356	2,798	3,276	3,784
North Atlantic	South America	139,930	134,698	124,654	130,986	132,473	150,080	164,053	177,505	209,005	247,137	292,045
North Atlantic	Caribbean	6,080	11,823	19,089	20,350	21,646	28,779	37,402	49,004	90,536	175,411	337,142
South Atlantic	Africa	6,928	8,401	6,455	6,383	6,439	7,400	8,065	8,805	10,702	13,381	17,816
South Atlantic	Asia	281,296	332,102	464,106	483,674	491,975	523,576	564,710	631,311	832,835	1,186,089	1,805,039
South Atlantic	Europe	230,004	275,207	329,724	341,682	344,962	356,716	377,072	405,753	482,644	597,086	762,937
South Atlantic	Mideast	22,439	32,412	39,473	39,410	39,498	47,698	51,478	56,456	68,354	82,741	99,427
South Atlantic	North America	5,091	10,427	14,625	15,454	16,111	19,669	22,922	25,737	32,090	39,707	48,805
South Atlantic	South America	270,767	257,994	214,724	225,095	228,939	260,479	292,084	328,407	444,435	652,027	1,015,889
South Atlantic	Caribbean	72,902	115,722	127,923	137,013	147,072	210,712	312,874	451,900	961,834	2,020,247	4,065,810
Gulf Coast	Africa	5,776	10,187	11,741	11,620	11,628	13,448	15,266	17,894	26,953	43,270	68,949
Gulf Coast	Asia	95,974	69,056	109,465	113,331	115,021	128,545	148,131	176,022	268,491	449,707	797,829
Gulf Coast	Europe	213,093	258,827	295,708	300,263	300,211	326,356	349,762	375,911	448,293	559,316	732,018
Gulf Coast	Mideast	19,639	31,953	44,049	44,804	45,718	56,262	62,652	69,706	85,933	105,136	127,154
Gulf Coast	North America	7,123	27,192	220,425	236,959	251,967	344,664	395,166	444,464	546,896	655,735	769,447
Gulf Coast	South America	189,223	201,876	194,628	204,612	206,964	233,107	258,732	288,242	378,377	534,669	772,870
Gulf Coast	Caribbean	70,459	99,379	135,059	140,617	146,153	177,090	221,753	279,860	480,613	873,409	1,603,338
South Pacific	Africa	861	754	1,156	1,111	1,094	1,309	1,449	1,566	1,804	1,998	2,170
South Pacific	Asia	1,636,745	1,586,577	1,991,897	2,047,080	2,064,261	2,217,863	2,381,638	2,652,889	3,496,334	5,098,038	8,191,244
South Pacific	Europe	70,917	74,394	91,528	93,108	94,447	111,297	125,808	139,777	171,636	212,992	270,620
South Pacific	Mideast	2,940	5,291	8,127	8,482	8,764	10,827	12,144	13,470	16,349	19,443	22,686
South Pacific	North America	710	7,406	7,472	7,998	8,368	9,986	11,360	12,276	13,863	15,367	16,982
South Pacific	South America	38,624	40,237	40,102	40,432	40,546	42,622	45,077	48,790	61,620	83,315	116,636
South Pacific	Caribbean	3,720	10,357	23,149	25,515	28,177	45,666	73,934	111,269	246,259	522,132	1,054,595
North Pacific	Africa	272	327	776	759	736	848	875	930	1,021	1,111	1,201
North Pacific	Asia	906,658	762,800	822,420	854,304	874,974	974,426	1,039,333	1,131,816	1,374,465	1,729,282	2,297,663
North Pacific	Europe	20,917	19,449	24,462	25,532	25,957	27,827	28,471	30,270	36,726	47,347	63,824
North Pacific	Mideast	149	425	653	647	659	762	849	944	1,146	1,381	1,653
North Pacific	North America	1,673	2,471	1,730	1,720	1,764	2,164	2,470	2,738	3,267	3,802	4,345
North Pacific	South America	6,967	8,174	7,085	7,365	7,529	8,537	9,235	9,963	11,516	13,468	16,031
North Pacific	Caribbean	98	788	1,780	1,830	1,875	2,119	2,347	2,607	3,416	4,946	7,816
Great Lakes	Africa	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	Asia	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	Europe	6	0	0	0	0	0	0	0	0	0	0
Great Lakes	Mideast	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	North America	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	South America	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	Caribbean	0	0	0	0	0	0	0	0	0	0	0
Total		**5,083,997**	**5,179,030**	**6,438,753**	**6,658,504**	**6,761,368**	**7,493,146**	**8,246,337**	**9,304,038**	**12,553,568**	**18,433,039**	**29,121,240**
Average Annual Growth Rate			**0.37%**	**7.53%**	**3.41%**	**1.54%**	**2.08%**	**1.93%**	**2.44%**	**3.04%**	**3.92%**	**4.68%**

Table 2-12. Containerized U.S. Commodity Forecast for all Commodities, Sorted by Destination, by Major Region, 1995-2050, Selected Years
(TEUs)

Destination	Origin	1995	2000	2003	2004	2005	2010	2015	2020	2030	2040	2050
North Atlantic	Africa	11,506	23,405	41,942	45,459	49,887	63,108	70,335	75,165	90,274	104,231	122,395
North Atlantic	Asia	352,430	593,947	978,938	1,013,910	1,093,435	1,467,014	1,703,541	1,941,361	2,543,300	3,313,334	4,249,978
North Atlantic	Europe	624,978	1,015,725	1,180,015	1,229,544	1,314,223	1,594,454	1,753,693	1,901,094	2,289,891	2,777,845	3,346,466
North Atlantic	Mideast	45,055	76,321	105,340	115,384	126,393	150,387	169,911	186,581	235,065	294,107	361,627
North Atlantic	North America	4,723	5,534	6,937	7,333	8,023	9,208	10,123	10,602	11,659	12,994	14,763
North Atlantic	South America	164,292	240,453	400,315	422,818	444,580	550,078	623,138	698,506	888,000	1,131,526	1,443,885
North Atlantic	Caribbean	1,021	9,949	12,525	12,410	12,504	12,035	11,828	11,475	10,956	10,488	10,240
South Atlantic	Africa	5,797	9,243	15,213	16,386	18,012	24,951	29,277	33,381	42,871	54,012	66,818
South Atlantic	Asia	220,133	430,055	710,878	755,975	829,105	1,221,612	1,542,346	1,915,202	2,966,816	4,570,277	6,917,139
South Atlantic	Europe	205,044	407,832	524,347	542,852	581,355	763,578	879,344	992,016	1,288,131	1,688,606	2,206,690
South Atlantic	Mideast	15,925	32,770	50,510	55,122	60,747	78,162	91,504	106,527	146,940	204,201	281,078
South Atlantic	North America	7,265	16,545	18,583	19,732	21,291	27,651	32,341	36,714	47,134	60,339	76,600
South Atlantic	South America	132,332	200,084	569,805	556,169	560,250	581,596	587,770	626,195	716,089	824,392	962,235
South Atlantic	Caribbean	59,934	121,929	123,687	127,146	133,191	154,926	175,691	197,435	251,235	315,676	391,137
Gulf Coast	Africa	2,447	5,811	6,450	6,723	7,110	8,383	9,146	9,714	11,228	12,934	14,730
Gulf Coast	Asia	25,334	39,966	62,190	64,956	70,919	98,873	119,449	141,266	200,782	288,968	416,172
Gulf Coast	Europe	145,607	229,732	265,590	281,892	306,531	388,929	444,375	498,260	644,944	851,369	1,123,321
Gulf Coast	Mideast	5,268	11,698	12,347	13,247	14,493	18,661	21,950	25,410	34,338	46,383	61,823
Gulf Coast	North America	22,689	32,759	74,179	72,515	73,434	79,001	83,913	91,095	108,420	129,995	156,400
Gulf Coast	South America	65,112	126,092	280,180	293,364	313,620	404,758	462,070	519,113	655,793	825,635	1,031,793
Gulf Coast	Caribbean	23,721	50,512	76,817	81,079	86,964	106,406	122,476	138,405	178,256	227,218	285,282
South Pacific	Africa	985	1,031	1,735	1,919	2,140	2,894	3,468	4,029	5,429	7,138	9,144
South Pacific	Asia	2,255,308	4,192,316	5,320,205	5,536,300	5,951,187	8,040,545	9,466,661	10,930,426	14,536,355	19,020,344	24,289,703
South Pacific	Europe	124,866	198,292	215,344	231,866	254,751	309,726	347,005	385,419	486,003	619,920	789,830
South Pacific	Mideast	3,315	8,455	13,234	14,778	16,601	23,563	29,518	36,165	54,183	80,484	117,929
South Pacific	North America	8,776	19,028	61,193	61,377	67,018	74,446	75,840	77,834	86,216	101,300	124,325
South Pacific	South America	24,477	39,291	166,133	182,725	200,870	255,808	282,265	309,398	387,313	505,827	678,924
South Pacific	Caribbean	4,334	17,218	39,952	41,995	43,700	42,912	45,621	47,170	51,368	57,379	65,595
North Pacific	Africa	29	69	155	175	196	270	319	368	479	606	747
North Pacific	Asia	613,173	844,940	1,005,197	1,049,753	1,129,448	1,523,159	1,795,250	2,071,793	2,755,112	3,603,644	4,600,024
North Pacific	Europe	3,892	8,138	10,709	11,483	12,642	16,439	19,276	22,172	29,057	37,479	48,043
North Pacific	Mideast	11	134	1,379	1,469	1,574	2,216	2,912	3,634	5,268	7,522	11,131
North Pacific	North America	12,036	3,973	7,060	7,680	8,568	10,774	11,778	12,798	14,962	17,340	19,973
North Pacific	South America	7,863	5,876	118,027	133,621	150,178	191,281	196,415	198,323	201,721	205,155	208,413
North Pacific	Caribbean	480	1,300	1,560	1,538	1,533	1,386	1,326	1,242	1,090	989	951
Great Lakes	Africa	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	Asia	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	Europe	1,040	70	167	186	212	304	365	419	549	714	916
Great Lakes	Mideast	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	North America	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	South America	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	Caribbean	0	0	0	0	0	0	0	0	0	0	0
Total		**5,201,196**	**9,020,491**	**12,478,837**	**13,010,881**	**13,966,686**	**18,299,496**	**21,222,241**	**24,256,710**	**31,977,228**	**42,010,373**	**54,506,215**
Average Annual Growth Rate			**11.64%**	**11.42%**	**4.26%**	**7.35%**	**5.55%**	**3.01%**	**2.71%**	**2.80%**	**2.77%**	**2.64%**

U.S. containerized exports and imports measured in TEUs grew at sharply different rates between 1995 and 2003 (see tables 2-11 and 2-12). U.S. exports of TEUs increased approximately 25 percent, from 5.083 million in 1995 to 6.438 million in 2003. During the same time, U.S. imports of TEUs increased 140 percent, from 5.201 million to 12.478 million. U.S. imports of TEUs in 2003 (12.478 million) consisted of five large markets, which in descending order of volume (TEUs) were as follows: (1) imports from Asia to South Pacific – 5.320 million TEUs; (2) imports from Europe to North Atlantic – 1.180 million TEUs; (3) Imports from Asia to North Pacific – 1.005 million TEUs; (4) imports from Asia to North Atlantic – 0.978 million TEUs; and (5) imports from Asia to South Atlantic – 0.710 million TEUs. These five markets comprise a total of 9.193 million TEUs, or nearly three-quarters of total U.S. imports of TEUs.

U.S. imports of TEUs have grown rapidly, with an average annual compound rate of 11.64 percent between 1995 and 2000 and 11.42 percent between 2000 and 2003. However, the projections indicate that growth will be slower (see Table 2-12). Growth in total U.S. imported TEUs will be 4.26 percent in 2004, 7.35 percent in 2005, and 5.55 percent annually between 2005 and 2010. After 2010, TEU imports are projected to slow. The average growth will be 3.01 percent between 2010 and 2015, 2.71 percent between 2015 and 2020, 2.80 percent between 2020 and 2030, 2.77 percent between 2030 and 2040, and 2.64 percent between 2040 and 2050.

Asia will remain a dominant source of U.S. TEU imports, with Europe having a lower growth rate. For example, imports from Asia to the North Atlantic are projected to increase 50 percent, from 0.978 million TEUs in 2003 to 1.467 million in 2010. Asia imports through the South Atlantic are projected to increase nearly 72 percent, from 0.710 million TEUs in 2003 to 1.221 million in 2010. Imports of TEUs from Asia through the South Pacific will increase nearly 50 percent, from 5.320 million in 2003 to 8.040 million in 2010. Asia TEU imports through the North Pacific will increase from 1.005 million in 2003 to 1.523 million in 2010.

U.S. TEU exports (see Table 2-11) are projected to have slow growth for most of the forecast, at average annual rates about two percent or less for the period 2005 through 2015. Thereafter, U.S. TEU exports are projected to have an average annual increase of 2.44 percent between 2015 and 2020, exceeding 3.0 percent between 2020 and 2030, nearly 4.0 percent between 2030 and 2040, and nearly 5.0 percent between 2040 and 2050.

Asia will remain the dominant market for U.S. TEU exports. In 2003, the U.S. exported 6.438 million TEUs. The largest markets were 1.991 million TEUs from South Pacific to Asia, 0.822 million TEUs from North Pacific to Asia, 0.558 million TEUs from North Atlantic to Asia, and 0.464 million TEUs from South Atlantic to Asia. Collectively, the Asia export trade from these major markets constituted 3.835 million TEUs, or 60 percent of total domestic U.S. export TEUs.

The average annual growth rates of U.S. waterborne trade for exports and imports for the 10 aggregated commodity groups are contained in tables 2-13 through 2-18 for all commodities (metric tonnes), containerized commodities (metric tonnes), and TEUs, respectively. Tables 2-13 and 2-14 pertain to all commodities (metric tonnes) for exports and imports, respectively. Tables 2-15 and 2-16 pertain to containerized commodities (metric tonnes) for

Table 2-13. Growth Rate of Outbound U.S. Commodity Forecast, by Major Commodity, 1995-2050 (Percent Change Per Period)

Major Commodity	1995- 2000	2000-03	2003-04	2004-05	2005-10	2010-15	2015-20	2020-30	2030-40	2040-50
Agriculture	-2.46%	1.29%	5.24%	2.51%	2.52%	1.34%	0.91%	0.94%	-0.22%	0.98%
Capital Equipment	-3.88%	0.52%	5.54%	3.85%	4.17%	3.20%	2.89%	3.16%	3.59%	4.00%
Chemicals	2.25%	2.30%	4.78%	1.10%	1.95%	2.07%	2.33%	2.89%	3.72%	4.50%
Consumer Goods	4.38%	-3.33%	4.93%	4.09%	3.57%	3.49%	3.95%	4.76%	5.68%	6.28%
Extractive	-10.12%	-0.08%	1.11%	2.04%	0.45%	0.28%	0.44%	0.59%	0.74%	0.88%
Food	-0.81%	-4.11%	6.25%	4.38%	3.15%	1.46%	1.75%	1.72%	1.69%	1.43%
Fuels	2.14%	-0.80%	1.46%	-0.56%	-0.52%	-0.54%	0.12%	0.14%	0.28%	0.46%
High-tech Products	2.00%	-1.26%	6.16%	5.97%	6.18%	5.70%	6.24%	6.81%	7.38%	7.72%
Intermediate Manufactured Products	-12.91%	11.36%	4.38%	4.30%	4.20%	4.07%	3.30%	3.49%	3.97%	4.42%
Materials	-1.77%	3.88%	1.73%	-2.27%	-2.55%	-0.96%	1.11%	2.11%	3.46%	4.52%
All Commodities	**-4.14%**	**0.53%**	**3.37%**	**1.69%**	**1.31%**	**1.02%**	**1.28%**	**1.60%**	**1.93%**	**2.78%**

Table 2-14. Growth Rate of Inbound U.S. Commodity Forecast, by Major Commodity, 1995-2050 (Percent Change Per Period)

Major Commodity	1995- 2000	2000-03	2003-04	2004-05	2005-10	2010-15	2015-20	2020-30	2030-40	2040-50
Agriculture	5.52%	6.82%	4.99%	5.54%	2.32%	1.79%	0.95%	1.53%	1.53%	1.45%
Capital Equipment	6.99%	5.27%	10.84%	10.93%	8.45%	4.13%	3.43%	3.24%	2.99%	2.71%
Chemicals	3.28%	-0.25%	-1.86%	3.82%	2.16%	0.85%	-0.04%	0.37%	0.95%	1.31%
Consumer Goods	13.18%	11.37%	5.40%	8.99%	7.20%	3.30%	3.12%	3.05%	2.89%	2.68%
Extractive	4.07%	4.48%	10.15%	5.61%	2.85%	0.95%	0.39%	0.53%	0.65%	0.73%
Food	5.03%	7.32%	3.24%	7.08%	3.07%	1.11%	1.09%	1.03%	0.92%	0.82%
Fuels	10.89%	4.61%	13.39%	4.91%	2.98%	2.49%	2.05%	2.10%	2.18%	2.29%
High-tech Products	11.16%	2.51%	5.50%	9.09%	9.35%	5.79%	4.84%	4.27%	3.69%	3.19%
Intermediate Manufactured Products	13.26%	-7.51%	10.26%	11.91%	6.75%	4.38%	3.54%	3.46%	3.36%	3.22%
Materials	8.24%	8.75%	0.67%	3.09%	2.57%	1.17%	1.04%	1.36%	1.55%	1.53%
All Commodities	**6.54%**	**3.00%**	**9.38%**	**6.44%**	**3.74%**	**1.97%**	**1.49%**	**1.68%**	**1.86%**	**1.96%**

Table 2-15. Growth Rate in Metric Tonnes of Outbound U.S. Containerized Commodity Forecast, by Major Commodity, 1995-2050 (Percent Change Per Period)

Major Commodity	1995- 2000	2000-03	2003-04	2004-05	2005-10	2010-15	2015-20	2020-30	2030-40	2040-50
Agriculture	-3.98%	5.96%	7.07%	1.93%	2.66%	1.62%	1.45%	1.55%	1.57%	1.87%
Capital Equipment	-1.65%	-1.28%	6.09%	4.04%	4.11%	3.53%	3.19%	3.45%	3.89%	4.35%
Chemicals	2.02%	3.59%	1.94%	1.27%	2.86%	2.84%	3.16%	3.84%	4.79%	5.54%
Consumer Goods	4.73%	-4.38%	4.95%	4.03%	3.47%	3.43%	3.88%	4.69%	5.61%	6.22%
Extractive	1.59%	7.29%	6.08%	1.60%	1.44%	0.67%	0.83%	1.03%	1.01%	1.07%
Food	2.14%	1.39%	3.84%	3.75%	3.49%	1.41%	1.58%	1.53%	1.49%	1.08%
Fuels	8.83%	26.63%	-0.25%	-0.43%	-1.31%	-0.78%	-0.04%	0.70%	1.81%	2.75%
High-tech Products	1.79%	-3.56%	6.26%	5.82%	6.08%	5.52%	5.96%	6.52%	7.12%	7.51%
Intermediate Manufactured Products	-6.46%	8.13%	4.58%	3.87%	3.92%	3.87%	3.31%	3.73%	4.46%	5.00%
Materials	-1.53%	8.26%	1.69%	-2.05%	-1.91%	-0.46%	1.46%	2.47%	3.78%	4.74%
All Commodities	**-0.24%**	**4.73%**	**3.47%**	**1.25%**	**1.78%**	**1.64%**	**2.18%**	**2.73%**	**3.55%**	**4.32%**

Table 2-16. Growth Rate in Metric Tonnes of Inbound U.S. Containerized Commodity Forecast, by Major Commodity, 1995-2050 (Percent Change Per Period)

Major Commodity	1995- 2000	2000-03	2003-04	2004-05	2005-10	2010-15	2015-20	2020-30	2030-40	2040-50
Agriculture	11.98%	7.57%	0.82%	2.78%	0.85%	0.62%	-0.62%	0.68%	0.83%	0.90%
Capital Equipment	4.76%	5.04%	9.38%	9.04%	7.47%	3.92%	3.29%	3.14%	2.92%	2.65%
Chemicals	8.32%	5.15%	1.44%	5.55%	3.99%	1.65%	0.77%	1.34%	1.92%	2.15%
Consumer Goods	12.90%	7.22%	5.30%	8.56%	6.93%	3.20%	3.02%	2.97%	2.81%	2.60%
Extractive	3.74%	-0.78%	0.69%	0.45%	1.77%	0.10%	-0.05%	0.29%	0.63%	0.83%
Food	7.22%	6.87%	3.09%	8.00%	2.88%	1.02%	1.03%	0.99%	0.90%	0.80%
Fuels	11.61%	172.77%	14.38%	5.63%	3.26%	2.62%	2.13%	2.09%	2.15%	2.32%
High-tech Products	10.45%	-0.31%	5.39%	8.77%	9.14%	5.67%	4.77%	4.22%	3.64%	3.15%
Intermediate Manufactured Products	11.68%	4.02%	6.94%	9.97%	6.02%	4.07%	3.38%	3.35%	3.29%	3.22%
Materials	13.52%	9.24%	-0.68%	2.21%	2.35%	1.07%	1.03%	1.44%	1.65%	1.63%
All Commodities	**9.97%**	**6.02%**	**4.52%**	**7.44%**	**5.24%**	**2.94%**	**2.56%**	**2.68%**	**2.69%**	**2.60%**

exports and imports, respectively. Tables 2-17 and 2-18 pertain to TEUs for exports and imports, respectively.

Several of the export commodity groups had negative trade growth, reflecting decreased volume between 1995-2000 and 2000-2003. Overall, export U.S. trade is projected to have very low annual rates of growth after 2004, ranging from 1.69 percent in 2004-2005 to 2.78 percent in 2040-2050 (refer to Table 2-13). The U.S. growth of exports of containerized cargo (metric tonnes) and TEUs is not substantially larger than for all commodities until after 2010 (refer to tables 2-15 and 2-17). For example, the increases in TEUs exported is 1.54 percent in 2004-2005, 2.08 percent annually between 2005-2010, and thereafter nearly double the growth of all commodities in the ensuing time periods (refer to Table 2-17).

For imports, U.S. trade growth for all commodities (refer to Table 2-14) is expect to peak between 2003-2004 and decline thereafter to an average of 6.44 percent between 2004-2005 and 3.74 percent between 2005 and 2010. After 2010, U.S. import growth for all commodities is expected to be less than 2.0 percent on an annual average. U.S. import growth expressed in TEUs (refer to Table 2-18) is expected to decline after 2003, growing 4.94 percent between 2003-2004, 5.21 percent between 2004-2005, and 4.99 percent between 2005 and 2010. Average annual expected growth of TEU imports will decline after 2010 to 3.54 percent between 2010-2015, then increase over the duration of the forecast to 3.91 percent between 2015-2020, 4.50 percent between 2020-2030, 5.27 percent between 2030-2040, and 5.74 percent between 2040-2050.

Table 2-17. Growth Rate in TEUs of Outbound U.S. Containerized Commodity Forecast, By Major Commodity, 1995-2050 (Percent Change Per Period)

Major Commodity	1995- 2000	2000-03	2003-04	2004-05	2005-10	2010-15	2015-20	2020-30	2030-40	2040-50
Agriculture	-3.67%	7.10%	6.36%	1.04%	2.15%	1.33%	1.32%	1.44%	1.58%	1.79%
Capital Equipment	1.01%	4.89%	5.37%	3.25%	3.99%	2.90%	2.67%	2.97%	3.46%	4.08%
Chemicals	2.04%	5.59%	1.37%	1.76%	2.83%	2.70%	3.04%	3.65%	4.52%	5.23%
Consumer Goods	2.61%	-2.19%	4.84%	3.38%	2.90%	2.98%	3.64%	4.43%	5.46%	6.23%
Extractive	2.29%	6.54%	4.12%	1.25%	0.55%	0.27%	0.58%	0.82%	1.01%	1.32%
Food	1.69%	6.65%	4.21%	3.95%	3.79%	1.48%	1.63%	1.54%	1.48%	1.21%
Fuels	5.11%	23.50%	-0.24%	-0.74%	-1.56%	-1.24%	-0.77%	-0.48%	-0.02%	0.59%
High-tech Products	2.10%	0.40%	5.54%	5.51%	5.40%	5.09%	5.57%	6.24%	6.89%	7.30%
Intermediate Manufactured Products	-2.78%	7.93%	4.29%	4.19%	4.09%	4.12%	3.54%	3.97%	4.68%	5.14%
Materials	-0.14%	12.73%	1.74%	-1.95%	-1.52%	0.30%	2.23%	3.52%	4.94%	5.71%
All Commodities	**0.37%**	**7.53%**	**3.41%**	**1.54%**	**2.08%**	**1.93%**	**2.44%**	**3.04%**	**3.92%**	**4.68%**

Table 2-18. Growth Rate in TEUs of Inbound U.S. Containerized Commodity Forecast, by Major Commodity, 1995-2050 (Percent Change Per Period)

Major Commodity	1995- 2000	2000-03	2003-04	2004-05	2005-10	2010-15	2015-20	2020-30	2030-40	2040-50
Agriculture	5.06%	4.14%	3.73%	2.35%	2.82%	1.75%	1.73%	2.29%	2.86%	3.29%
Capital Equipment	6.58%	6.12%	8.36%	8.89%	7.71%	4.87%	4.78%	5.13%	5.66%	5.14%
Chemicals	9.05%	5.91%	5.79%	5.82%	5.52%	4.42%	4.76%	5.47%	6.32%	6.82%
Consumer Goods	11.90%	7.51%	4.48%	5.51%	5.74%	2.98%	3.21%	3.51%	3.82%	4.22%
Extractive	5.03%	3.12%	3.39%	2.86%	1.83%	0.34%	1.19%	1.98%	3.12%	4.37%
Food	5.21%	4.75%	3.62%	3.87%	2.96%	1.46%	1.80%	2.10%	2.58%	3.09%
Fuels	4.37%	7.31%	1.74%	3.09%	2.85%	2.74%	3.19%	3.99%	4.99%	5.74%
High-tech Products	10.86%	1.12%	9.09%	9.17%	9.14%	6.19%	5.87%	5.83%	5.99%	6.03%
Intermediate Manufactured Products	8.18%	7.07%	6.52%	7.46%	6.08%	4.68%	4.74%	5.16%	5.77%	6.23%
Materials	7.53%	8.15%	1.98%	1.50%	2.46%	2.29%	3.50%	4.45%	5.59%	6.42%
All Commodities	**7.74%**	**6.15%**	**4.94%**	**5.21%**	**4.99%**	**3.54%**	**3.91%**	**4.50%**	**5.27%**	**5.74%**

VII. SUMMARY AND CONCLUSIONS

In summation:

- U.S. import demand will decline rapidly from the 12 percent attained in 1995-2000 to a more modest 7 percent for the period 2000-2010, then fall back to around 3 percent after 2010 in line with U.S. output growth. The U.S. market will likely reach saturation at this point, with most of the substitution of traded products for domestically produced products having already taken place.

- U.S. export growth will accelerate slightly, reaching 5 percent by 2040-2050, with much of the growth induced by the continued strength of Chinese demand (growing at around 7 percent during that period).

- The problem for the U.S., at least in the short-term, is that many of the products produced in the U.S. are not the type in greatest demand as the nations of Asia develop. This is especially true in terms of TEU volumes. As more industrial activity is shifted from U.S. to Asian sources (for U.S. imports), the ability to produce for export is degraded, which leads to a growing imbalance in trade. For example, exports of waste paper (a very low-value product shipped primarily to fill containers going back empty) in 1995 totaled over 400,000 TEUs, which is about one-tenth of total U.S. exports of containerized products. The U.S. share of this trade in 1995 was 80 percent. By 2005, the waste paper share will fall to 70 percent, but by 2050 it will be only 11 percent, while total trade in wastepaper is forecast to grow from 2 million TEUs (1995) to over 200 million TEUs. This is a direct result of the demand for paper and printed products throughout the emerging world. The U.S. share of this trade will probably be significantly less.

- A collapse of China and India as a result of environmental or other disasters would reduce world trade growth substantially, probably by about 2 percent per year after 2030. As a result, the expected stronger growth in U.S. exports would fall back to around 3 percent per year from the 5 percent expected for the last decade.

Appendix A

WORLD COMMODITY FORECAST 1995-2050

World Commodity by Origin (Metric Tonnes)

WORLD Commodity Forecast For AGRICULTURE COMMODITIES
Sorted by ORIGIN, by Major Region, 1995-2050, Selected Years
(METRIC TONNES)

Origin	Destination	1995	2000	2003	2004	2005	2010	2015	2020	2030	2040	2050
Africa	Africa	1,151,809	1,462,550	1,569,733	1,588,828	1,606,592	1,709,890	1,774,694	1,932,164	2,438,244	3,418,773	5,503,300
Africa	Asia	2,207,259	2,756,579	2,917,645	2,946,439	2,970,572	3,238,494	3,473,631	3,771,337	4,714,518	6,488,816	9,517,490
Africa	Europe	2,282,754	2,967,974	3,319,931	3,410,322	3,505,238	4,097,279	4,384,592	4,592,803	5,063,816	5,626,733	6,344,288
Africa	Mideast	974,161	1,213,225	1,313,256	1,383,856	1,445,843	1,746,948	1,957,310	2,255,148	2,940,339	3,887,751	5,153,758
Africa	North America	78,632	101,091	111,908	108,861	108,283	110,835	114,002	116,113	118,899	120,793	122,837
Africa	South America	120,435	14,445	16,568	16,756	17,175	19,422	20,841	22,640	25,283	27,758	30,153
Africa	Caribbean	6,670	24,066	25,388	27,872	29,820	39,143	45,836	53,105	75,487	117,144	194,943
Asia	Africa	1,524,693	4,499,293	4,325,264	4,518,007	4,683,008	5,437,195	6,045,089	6,710,195	8,379,873	10,775,009	14,937,941
Asia	Asia	41,384,355	56,203,139	56,813,511	60,359,947	62,484,841	71,104,073	79,586,432	86,020,968	109,584,371	137,578,994	175,283,426
Asia	Europe	3,485,467	5,479,429	5,889,771	6,107,888	6,212,505	6,278,324	6,398,420	6,632,165	7,139,831	7,795,516	8,578,974
Asia	Mideast	5,533,158	10,586,734	10,150,998	10,799,449	11,409,861	13,185,681	14,872,121	16,715,949	20,545,273	24,760,794	29,513,588
Asia	North America	1,178,317	2,004,287	1,903,843	1,903,717	1,981,244	2,189,492	2,317,954	2,257,658	2,571,994	2,948,424	3,337,902
Asia	South America	216,056	185,074	217,889	230,109	236,757	276,345	296,965	320,909	364,473	413,553	487,659
Asia	Caribbean	110,007	302,334	336,859	357,369	375,390	436,001	472,677	500,799	556,734	634,786	759,996
Europe	Africa	7,858,568	12,471,114	12,237,684	13,126,691	13,843,393	17,271,287	20,127,368	23,572,753	33,036,152	49,693,167	84,664,450
Europe	Asia	6,409,503	11,816,919	12,756,088	14,147,683	15,288,994	18,921,453	22,172,322	25,750,745	34,499,252	46,299,663	61,019,504
Europe	Europe	24,610,415	36,356,724	39,742,838	41,388,604	43,296,900	53,547,727	58,570,582	62,552,427	70,255,044	78,814,101	89,046,083
Europe	Mideast	5,146,410	13,733,169	13,940,912	14,659,882	15,342,457	17,321,812	18,932,240	20,580,870	24,241,675	28,353,538	32,691,801
Europe	North America	444,220	1,225,107	2,117,593	2,167,001	2,208,680	2,574,373	2,790,007	2,872,706	3,197,771	3,587,386	3,940,734
Europe	South America	262,046	547,947	638,522	666,230	694,248	832,641	921,867	1,010,315	1,169,484	1,345,475	1,507,642
Europe	Caribbean	836,621	919,252	875,472	927,451	973,337	1,138,447	1,225,070	1,282,334	1,371,641	1,446,993	1,517,262
Mideast	Africa	490,768	808,679	849,000	891,746	929,901	1,103,520	1,227,234	1,359,821	1,632,360	1,920,183	2,247,645
Mideast	Asia	608,985	1,278,604	1,353,494	1,417,926	1,464,582	1,723,381	1,893,068	2,083,271	2,565,757	3,172,619	3,949,463
Mideast	Europe	1,334,526	1,682,930	1,771,516	1,863,015	1,911,193	2,131,690	2,268,225	2,379,155	2,619,520	2,916,366	3,278,385
Mideast	Mideast	1,975,686	2,590,989	2,785,460	2,945,040	3,113,615	3,932,291	4,440,179	5,022,094	6,281,233	7,771,553	9,532,706
Mideast	North America	35,210	36,099	40,020	42,423	44,653	51,577	56,109	56,479	62,735	70,154	78,827
Mideast	South America	15,398	25,110	31,491	32,117	33,154	38,634	40,405	42,072	45,160	48,313	53,207
Mideast	Caribbean	5,661	5,235	5,579	5,742	5,853	6,248	6,330	6,386	6,506	6,618	6,732
North America	Africa	3,567,324	4,033,635	4,665,911	4,900,037	5,073,142	5,865,264	6,591,052	7,245,532	8,528,984	9,775,340	10,970,400
North America	Asia	35,448,094	29,288,969	30,395,454	32,334,756	33,086,661	37,414,663	39,757,617	41,454,531	45,783,294	45,458,125	51,369,262
North America	Europe	11,295,725	8,531,282	7,549,229	8,103,860	8,379,737	9,179,333	9,873,190	10,389,896	11,409,196	12,502,565	13,704,859
North America	Mideast	2,864,364	1,783,847	1,867,557	2,008,032	2,114,141	2,751,781	3,065,786	3,361,797	3,999,807	4,704,523	5,462,697
North America	North America	3,947,599	4,940,566	4,674,367	5,140,777	5,569,657	6,877,790	7,975,955	8,956,637	11,082,495	12,064,107	14,437,684
North America	South America	7,615,993	8,694,861	10,716,338	11,043,036	11,408,129	13,124,034	14,452,080	15,525,050	17,512,772	19,395,582	21,240,003
North America	Caribbean	1,598,696	2,766,504	3,223,683	3,375,249	3,512,982	3,900,576	4,149,576	4,342,519	4,667,010	4,941,790	5,174,677
South America	Africa	1,544,464	4,161,438	4,113,744	4,273,301	4,401,147	5,063,313	5,707,473	6,297,962	7,571,863	9,097,979	11,360,761
South America	Asia	7,392,665	8,872,123	10,144,121	10,230,053	10,327,852	11,017,426	11,597,108	12,124,412	13,522,928	13,395,191	15,113,957
South America	Europe	9,645,469	13,380,712	14,899,786	15,941,535	16,490,230	19,683,860	21,232,998	20,923,352	23,276,711	25,873,292	28,611,495
South America	Mideast	1,837,564	3,058,401	3,076,152	3,331,417	3,582,529	4,332,475	4,973,176	5,760,045	7,810,105	10,698,724	14,363,639
South America	North America	2,081,837	2,582,732	3,283,465	3,284,086	3,372,195	3,652,924	3,837,440	3,955,761	4,374,404	4,849,344	5,359,271
South America	South America	2,252,982	3,507,227	4,051,561	4,202,954	4,424,384	5,597,113	6,441,216	7,256,134	8,972,118	10,912,357	13,260,374
South America	Caribbean	591,109	820,045	807,111	868,390	917,838	1,154,034	1,318,640	1,494,359	1,999,922	2,946,676	4,913,420
Caribbean	Africa	69,876	103,116	103,491	114,129	126,106	215,176	374,327	682,660	1,988,730	5,228,771	11,863,614
Caribbean	Asia	271,412	336,525	340,995	369,767	377,252	426,896	445,607	469,399	533,970	620,689	732,291
Caribbean	Europe	1,740,948	1,974,593	2,155,267	2,301,758	2,367,381	2,542,931	2,700,045	2,844,818	3,151,268	3,521,596	3,987,236
Caribbean	Mideast	96,511	244,142	253,883	263,244	270,876	306,113	330,742	357,246	405,592	457,818	514,190
Caribbean	North America	276,957	541,198	636,208	652,745	661,657	575,131	555,848	513,709	425,430	349,837	292,739
Caribbean	South America	171,603	261,340	278,862	284,844	291,345	327,376	360,580	386,562	431,773	478,468	527,868
Caribbean	Caribbean	458,565	1,408,126	1,385,655	1,474,813	1,566,393	2,055,167	2,626,692	3,419,941	6,176,226	11,650,883	22,836,979
Total		**205,057,543**	**272,589,480**	**286,681,071**	**302,539,755**	**314,539,721**	**366,527,577**	**404,798,720**	**438,235,702**	**529,128,023**	**638,964,630**	**809,398,111**
Average Annual Growth Rate			**5.86%**	**1.69%**	**5.53%**	**3.97%**	**3.11%**	**2.01%**	**1.60%**	**1.90%**	**1.90%**	**2.39%**

WORLD Commodity Forecast For CAPITAL EQUIPMENT
Sorted by ORIGIN, by Major Region, 1995-2050, Selected Years
(METRIC TONNES)

Origin	Destination	1995	2000	2003	2004	2005	2010	2015	2020	2030	2040	2050
Africa	Africa	161,996	171,143	143,765	156,658	172,368	249,514	278,246	311,052	397,457	532,759	761,526
Africa	Asia	20,529	59,321	57,483	64,114	72,490	127,501	196,591	313,427	765,066	1,813,227	4,233,979
Africa	Europe	117,988	312,646	469,310	524,821	586,062	921,620	1,115,422	1,287,664	1,658,346	2,077,814	2,548,999
Africa	Mideast	17,188	28,405	27,684	30,068	32,742	43,606	49,624	57,718	80,480	116,167	171,503
Africa	North America	31,127	72,528	123,398	139,942	160,079	262,656	330,602	398,165	560,293	762,361	1,004,273
Africa	South America	5,731	5,572	6,080	6,912	7,730	11,934	14,347	16,599	22,066	28,956	37,381
Africa	Caribbean	740	7,159	7,239	7,827	8,503	10,126	10,523	10,794	11,475	12,318	13,298
Asia	Africa	529,590	806,498	819,925	859,376	914,778	1,322,308	1,824,917	2,580,522	5,406,283	11,661,906	25,509,852
Asia	Asia	11,312,619	14,840,723	17,446,774	18,653,133	20,008,661	27,360,500	35,589,097	47,544,888	89,750,206	177,550,154	301,744,360
Asia	Europe	3,287,065	7,407,714	9,988,884	10,578,984	11,240,297	15,253,875	17,840,828	20,693,008	28,209,222	38,900,382	53,935,350
Asia	Mideast	1,410,389	3,042,963	3,306,815	3,506,936	3,773,399	4,757,588	5,640,423	6,913,476	10,815,419	17,727,465	30,714,676
Asia	North America	7,656,896	10,745,400	12,601,766	13,951,419	15,466,920	23,365,483	28,939,554	34,420,704	47,630,016	64,274,717	84,347,223
Asia	South America	9,109,923	9,575,849	10,510,249	11,043,467	11,578,490	12,737,562	13,783,373	14,276,595	15,374,184	18,143,550	23,391,406
Asia	Caribbean	431,524	1,690,484	1,820,142	1,937,581	2,071,711	2,187,317	2,268,953	2,393,901	2,964,923	4,231,244	6,532,748
Europe	Africa	1,375,019	1,940,417	1,829,042	2,028,674	2,289,360	3,866,000	5,016,396	6,116,708	8,923,166	12,852,288	18,289,874
Europe	Asia	3,982,642	3,751,586	3,957,194	4,387,790	4,929,544	8,012,178	11,171,965	16,084,446	33,926,381	72,930,359	152,722,056
Europe	Europe	4,654,445	7,637,673	9,304,964	10,190,266	11,282,407	16,427,533	20,288,003	24,236,843	33,552,681	45,394,876	60,539,750
Europe	Mideast	1,855,531	2,981,854	3,139,500	3,533,723	3,996,492	6,219,977	7,710,455	9,501,456	14,539,120	22,224,039	33,450,688
Europe	North America	2,817,452	4,527,557	5,073,960	5,650,024	6,374,237	10,018,305	12,685,234	15,381,472	21,834,537	29,951,325	39,788,040
Europe	South America	1,254,877	1,413,769	1,639,884	1,866,937	2,111,611	3,412,808	4,097,672	4,691,339	6,127,117	7,987,116	10,357,237
Europe	Caribbean	574,028	685,488	682,982	745,105	815,531	993,018	1,029,821	1,058,976	1,136,848	1,242,716	1,364,812
Mideast	Africa	63,713	113,123	102,782	112,197	123,147	192,236	277,794	407,069	892,344	1,968,030	4,431,710
Mideast	Asia	81,414	148,155	136,890	148,603	162,142	227,836	291,629	372,993	621,803	1,063,654	1,823,090
Mideast	Europe	222,492	630,883	794,675	853,900	905,399	1,241,697	1,448,713	1,662,972	2,190,866	2,879,467	3,759,989
Mideast	Mideast	151,635	457,136	505,284	558,382	618,020	839,372	1,038,214	1,313,365	2,197,004	3,878,482	7,345,064
Mideast	North America	31,343	55,570	70,845	73,798	80,751	125,231	155,958	184,917	255,793	347,302	461,199
Mideast	South America	8,219	16,417	17,085	18,335	19,629	24,637	26,701	28,737	34,554	43,265	55,380
Mideast	Caribbean	16,765	47,920	48,319	51,066	56,390	52,893	52,873	52,595	67,488	116,968	244,464
North America	Africa	89,866	67,043	114,137	119,060	127,147	155,502	181,771	218,474	354,891	602,972	958,054
North America	Asia	2,049,633	1,463,362	1,551,670	1,666,238	1,755,066	2,225,315	2,771,244	3,431,358	5,404,238	8,987,508	15,690,654
North America	Europe	1,220,028	1,461,157	1,839,942	1,940,285	2,062,194	2,764,727	3,231,560	3,654,847	4,657,488	6,006,763	7,752,956
North America	Mideast	113,052	89,648	73,586	76,944	81,651	100,829	113,692	125,375	150,305	178,341	211,528
North America	North America	167,445	318,723	344,194	387,226	431,542	630,983	750,351	862,079	1,118,610	1,422,455	1,772,628
North America	South America	1,227,644	949,648	756,215	814,995	841,934	1,040,594	1,176,910	1,284,285	1,537,291	1,844,669	2,204,509
North America	Caribbean	143,276	139,433	147,358	153,034	160,124	190,018	193,993	198,133	213,346	236,754	265,289
South America	Africa	33,099	38,860	41,792	44,166	48,560	78,159	99,664	121,216	177,029	259,310	389,761
South America	Asia	578,947	357,106	444,359	456,708	475,342	549,121	631,300	752,639	1,162,169	2,020,864	3,734,004
South America	Europe	214,907	398,055	593,775	640,845	681,866	900,722	1,072,078	1,235,821	1,615,533	2,079,632	2,637,883
South America	Mideast	43,132	38,064	40,409	43,258	46,503	62,764	78,231	98,417	160,995	268,863	452,998
South America	North America	608,476	907,405	1,259,091	1,412,305	1,509,690	2,192,683	2,787,311	3,361,939	4,750,567	6,502,421	8,648,907
South America	South America	457,967	464,161	636,028	717,913	802,057	1,325,803	1,619,283	1,877,524	2,499,113	3,294,734	4,287,674
South America	Caribbean	49,668	76,467	73,714	81,924	91,210	138,773	162,001	191,812	290,782	495,000	949,677
Caribbean	Africa	928	3,955	4,111	4,464	4,921	7,198	8,192	9,183	11,824	15,418	19,992
Caribbean	Asia	78,989	13,473	16,625	16,865	17,332	19,424	21,408	23,939	31,816	47,074	77,732
Caribbean	Europe	145,780	250,038	414,372	426,340	416,970	346,798	266,378	225,252	201,806	232,418	285,805
Caribbean	Mideast	950	30,841	33,674	36,052	38,742	39,186	38,793	39,726	45,887	57,841	76,927
Caribbean	North America	810	2,764	3,367	3,862	4,400	6,952	8,883	10,798	15,574	21,923	30,113
Caribbean	South America	14,812	26,146	32,734	36,221	40,722	64,130	76,111	85,207	105,096	128,136	154,941
Caribbean	Caribbean	18,221	33,827	32,983	36,217	39,766	53,775	58,597	62,738	71,419	81,174	91,938
Total		**58,440,512**	**80,304,127**	**93,087,056**	**100,794,958**	**109,536,628**	**153,158,768**	**188,521,681**	**230,183,164**	**354,520,919**	**575,497,177**	**920,273,895**
Average Annual Growth Rate			**6.56%**	**5.05%**	**8.28%**	**8.67%**	**6.93%**	**4.24%**	**4.07%**	**4.41%**	**4.96%**	**4.81%**

WORLD Commodity Forecast For CHEMICALS
Sorted by ORIGIN, by Major Region, 1995-2050, Selected Years
(METRIC TONNES)

Origin	Destination	1995	2000	2003	2004	2005	2010	2015	2020	2030	2040	2050
Africa	Africa	1,072,620	1,778,171	1,829,433	1,907,928	1,976,994	2,358,499	2,729,662	3,285,737	5,137,234	9,108,467	18,507,277
Africa	Asia	3,379,405	5,546,666	5,767,401	6,177,074	6,627,957	9,039,653	11,481,412	13,982,876	20,593,091	30,868,862	47,953,513
Africa	Europe	4,759,273	5,760,443	6,374,231	6,372,285	6,391,234	6,600,724	6,793,971	6,879,392	7,004,939	7,169,495	7,443,691
Africa	Mideast	938,105	1,672,674	1,716,322	1,779,178	1,823,515	2,184,994	2,483,904	2,834,999	3,785,033	5,311,212	8,040,143
Africa	North America	87,839	281,144	281,004	287,170	309,761	369,354	429,057	467,589	552,442	649,080	761,215
Africa	South America	483,887	578,970	738,602	782,860	817,190	993,394	1,092,264	1,175,370	1,352,318	1,540,170	1,743,504
Africa	Caribbean	130,006	119,649	121,651	125,295	128,524	143,099	152,079	158,481	165,099	165,587	163,125
Asia	Africa	548,803	1,124,637	1,203,225	1,253,299	1,314,817	1,878,496	2,737,804	4,233,722	10,100,122	24,031,613	57,497,293
Asia	Asia	46,625,519	79,143,090	96,292,037	102,478,170	109,614,281	145,011,803	185,383,819	243,967,815	452,370,999	898,622,109	1,839,475,577
Asia	Europe	3,712,133	6,507,224	8,482,707	8,614,081	8,637,803	10,144,161	11,358,089	12,533,718	15,981,002	22,191,277	34,183,617
Asia	Mideast	977,191	1,957,231	2,085,017	2,257,309	2,391,329	3,138,150	3,866,724	5,062,294	9,178,539	17,877,834	37,834,681
Asia	North America	5,804,352	7,988,644	7,008,046	7,006,004	7,323,822	8,696,722	9,685,664	10,369,247	12,134,994	14,679,101	18,076,791
Asia	South America	516,530	1,019,903	1,322,829	1,445,845	1,534,213	1,971,761	2,281,424	2,707,018	4,015,749	6,550,949	12,080,701
Asia	Caribbean	65,045	211,205	223,844	243,536	262,049	377,051	548,649	790,385	1,688,152	3,599,808	7,405,235
Europe	Africa	3,702,308	5,135,538	5,336,546	5,637,931	5,920,387	7,881,042	9,365,144	10,907,322	14,267,116	18,366,348	23,935,271
Europe	Asia	21,796,027	20,876,086	22,681,138	23,361,950	24,641,969	32,844,355	40,088,395	49,072,923	76,403,799	128,756,902	234,525,167
Europe	Europe	38,165,184	47,680,059	55,099,033	55,658,950	56,127,097	59,447,127	61,622,245	63,203,243	67,632,848	74,567,418	84,692,715
Europe	Mideast	4,390,014	6,360,200	7,165,463	7,739,832	8,277,944	11,309,032	13,268,520	15,717,187	21,891,337	29,829,075	39,854,667
Europe	North America	8,101,059	9,528,897	11,612,514	11,357,022	11,638,296	13,129,500	13,603,082	13,537,352	14,171,663	15,912,194	18,459,275
Europe	South America	5,342,108	8,098,419	10,467,803	11,076,467	11,736,116	15,186,085	16,791,391	18,120,942	20,758,950	23,502,411	26,299,849
Europe	Caribbean	910,792	1,387,539	1,447,851	1,530,564	1,605,353	1,961,318	2,138,460	2,315,675	2,742,584	3,471,016	5,005,320
Mideast	Africa	697,033	1,435,969	1,463,978	1,570,622	1,677,546	2,452,509	3,601,988	5,674,195	14,182,568	34,697,027	79,976,235
Mideast	Asia	11,073,648	16,766,176	17,869,998	18,664,374	19,410,762	22,836,460	26,892,342	31,375,675	44,624,125	67,373,555	105,734,587
Mideast	Europe	4,019,210	5,859,571	6,487,137	6,606,348	6,687,618	7,410,357	8,157,431	8,737,041	10,136,860	12,338,314	16,474,481
Mideast	Mideast	1,198,040	2,142,852	2,221,814	2,334,698	2,436,260	3,201,274	3,986,077	5,212,319	9,683,345	18,962,832	33,918,658
Mideast	North America	276,370	629,543	707,779	707,416	716,700	777,984	828,563	856,939	940,053	1,068,486	1,240,597
Mideast	South America	551,989	1,270,016	1,718,086	1,779,868	1,859,992	2,314,026	2,541,520	2,707,834	3,030,719	3,370,089	3,781,650
Mideast	Caribbean	11,955	60,411	61,783	63,618	65,414	75,285	85,545	97,366	133,765	198,297	308,507
North America	Africa	442,587	347,405	286,282	284,792	286,402	333,093	388,605	471,573	763,728	1,406,409	2,931,098
North America	Asia	19,096,719	17,495,081	20,263,469	21,130,585	21,567,642	22,630,318	24,255,789	26,682,646	34,952,374	51,210,133	83,418,648
North America	Europe	5,246,390	6,834,574	7,069,542	7,027,373	6,932,728	7,680,435	8,432,491	9,134,022	10,991,447	13,870,828	18,782,756
North America	Mideast	464,872	483,189	526,916	538,664	545,703	596,138	649,036	718,869	892,770	1,119,595	1,411,911
North America	North America	6,792,527	6,603,564	5,899,728	6,116,716	6,282,099	6,909,134	7,517,092	8,052,387	9,412,191	11,178,963	13,222,603
North America	South America	6,753,547	8,306,295	8,995,084	9,618,048	9,750,978	10,826,183	11,954,620	13,276,279	17,379,206	24,662,661	36,048,736
North America	Caribbean	868,945	858,257	930,649	971,381	1,009,271	1,187,516	1,356,692	1,508,605	1,845,096	2,224,985	2,629,197
South America	Africa	125,001	218,134	232,811	239,607	248,279	322,120	383,145	425,669	533,909	645,040	782,038
South America	Asia	848,279	1,192,211	1,279,976	1,357,433	1,470,951	2,110,346	2,513,553	3,002,142	4,501,020	7,316,562	12,798,232
South America	Europe	1,423,274	3,478,959	4,073,383	4,118,368	4,167,337	4,846,323	5,428,140	5,879,311	6,839,944	7,922,344	9,148,091
South America	Mideast	79,483	194,699	202,402	211,491	220,032	269,991	305,178	363,163	472,713	616,619	803,211
South America	North America	1,811,000	4,350,613	4,726,917	4,715,492	4,972,213	5,501,349	5,916,765	6,002,907	6,223,095	6,524,579	6,912,418
South America	South America	3,358,231	4,861,989	5,798,566	6,193,545	6,555,995	8,300,720	9,405,339	10,554,753	13,267,358	16,607,925	20,593,660
South America	Caribbean	246,229	473,469	460,948	489,532	517,063	670,377	830,472	1,025,857	1,662,751	2,861,339	5,074,259
Caribbean	Africa	32,770	105,526	101,273	102,807	104,516	116,530	126,500	136,426	158,263	183,497	214,866
Caribbean	Asia	11,801	70,059	87,799	95,931	102,944	147,827	205,254	280,880	527,083	1,013,754	2,005,808
Caribbean	Europe	3,174,256	3,834,014	4,502,817	4,481,459	4,545,960	5,049,464	5,371,035	5,532,249	5,868,101	6,246,364	6,686,683
Caribbean	Mideast	6,725	22,224	25,269	25,887	26,790	30,958	33,593	36,444	43,835	53,932	67,293
Caribbean	North America	524,792	731,174	794,977	819,610	844,722	1,005,408	1,186,689	1,304,771	1,567,948	1,861,555	2,179,104
Caribbean	South America	372,793	438,153	509,500	527,512	553,432	655,806	732,333	790,896	921,144	1,073,053	1,256,070
Caribbean	Caribbean	309,416	497,544	466,731	479,947	494,359	607,637	792,883	1,102,700	2,290,800	4,769,350	9,907,911
Total		**221,326,082**	**302,318,060**	**345,022,315**	**358,365,875**	**373,154,357**	**453,531,887**	**531,780,428**	**632,267,207**	**965,774,220**	**1,638,149,014**	**3,002,247,934**
Average Annual Growth Rate			**6.44%**	**4.50%**	**3.87%**	**4.13%**	**3.98%**	**3.23%**	**3.52%**	**4.33%**	**5.43%**	**6.25%**

WORLD Commodity Forecast For CONSUMER GOODS
Sorted by ORIGIN, by Major Region, 1995-2050, Selected Years
(METRIC TONNES)

Origin	Destination	1995	2000	2003	2004	2005	2010	2015	2020	2030	2040	2050
Africa	Africa	128,699	144,713	151,317	160,666	168,817	203,346	219,413	241,862	303,276	399,540	548,568
Africa	Asia	5,984	9,277	10,042	10,882	11,883	18,423	24,071	31,194	51,747	85,605	142,808
Africa	Europe	313,985	510,147	639,599	640,662	632,861	574,776	573,184	578,017	648,508	774,796	943,941
Africa	Mideast	25,293	41,423	43,278	47,663	52,361	73,142	88,101	108,186	163,143	245,626	369,204
Africa	North America	19,992	43,711	106,743	113,082	121,382	161,101	189,674	217,255	279,892	352,281	433,604
Africa	South America	402	1,054	1,333	1,472	1,624	2,493	2,971	3,427	4,602	6,239	8,657
Africa	Caribbean	829	1,407	1,498	1,662	1,845	2,727	3,009	3,365	4,543	6,836	11,067
Asia	Africa	168,391	312,505	328,522	339,861	361,568	518,899	714,258	1,047,959	2,333,644	5,318,886	12,479,496
Asia	Asia	5,000,127	8,181,832	9,653,752	10,158,775	10,538,680	14,283,920	16,920,975	20,563,753	31,237,614	48,654,419	78,096,814
Asia	Europe	3,195,004	5,859,006	7,305,006	7,408,548	7,537,142	8,568,448	9,225,271	10,217,190	13,237,072	18,457,396	28,062,743
Asia	Mideast	540,319	779,385	808,310	844,344	894,650	1,179,691	1,458,823	1,900,764	3,426,064	6,461,855	12,810,303
Asia	North America	5,922,533	10,742,114	15,045,575	15,785,876	17,252,062	24,968,510	29,435,559	34,403,118	46,657,353	62,203,753	81,161,958
Asia	South America	337,791	437,356	524,940	566,703	612,596	869,771	1,010,807	1,168,787	1,630,834	2,408,688	3,786,856
Asia	Caribbean	52,317	82,767	84,577	92,172	99,926	147,227	214,126	313,479	683,333	1,487,321	3,219,614
Europe	Africa	302,300	450,360	462,473	498,129	543,064	814,853	993,576	1,197,714	1,749,548	2,633,228	4,217,638
Europe	Asia	606,321	899,541	1,019,341	1,088,335	1,170,411	1,715,195	2,180,460	2,778,645	4,648,433	7,982,285	14,019,248
Europe	Europe	1,689,538	2,988,532	3,453,364	3,646,459	3,861,988	4,928,250	5,611,011	6,424,253	8,612,027	11,782,624	16,453,499
Europe	Mideast	536,360	846,590	925,011	1,030,007	1,155,425	1,756,161	2,152,882	2,660,885	4,062,131	6,229,585	9,753,258
Europe	North America	647,774	1,185,413	1,372,292	1,480,470	1,605,594	2,034,343	2,373,100	2,693,515	3,502,525	4,616,824	6,053,092
Europe	South America	167,808	287,798	350,575	388,833	428,483	644,525	768,711	892,257	1,193,540	1,599,540	2,177,609
Europe	Caribbean	103,903	94,068	94,335	104,350	114,258	161,119	176,327	191,951	231,895	293,369	395,677
Mideast	Africa	42,928	99,595	104,467	112,099	120,256	165,058	201,502	246,824	378,682	597,997	971,776
Mideast	Asia	19,048	39,582	43,131	47,504	52,464	80,790	104,908	134,975	219,918	356,508	578,719
Mideast	Europe	220,923	413,106	497,410	543,696	594,536	789,420	907,138	1,026,579	1,320,874	1,706,326	2,195,278
Mideast	Mideast	139,475	223,915	237,443	247,268	256,980	300,358	339,197	387,087	498,524	646,360	851,783
Mideast	North America	73,799	117,759	164,588	186,689	210,178	248,614	282,863	328,482	440,887	578,392	731,820
Mideast	South America	1,894	4,724	5,711	6,192	6,646	8,831	10,101	11,330	14,245	18,229	24,265
Mideast	Caribbean	739	1,072	1,112	1,187	1,263	1,650	1,986	2,399	3,705	6,139	10,624
North America	Africa	11,560	13,862	13,182	12,584	13,188	16,131	18,825	21,901	31,547	50,252	84,037
North America	Asia	531,457	526,548	554,493	594,271	629,983	798,235	1,013,003	1,313,338	2,352,924	4,441,032	8,569,591
North America	Europe	269,000	336,902	383,250	393,298	406,631	470,488	526,168	608,394	883,318	1,426,684	2,528,720
North America	Mideast	17,631	24,035	21,986	23,240	25,050	33,541	41,026	49,504	73,081	111,047	173,814
North America	North America	12,586	120,413	156,251	165,030	171,937	224,990	262,959	304,727	401,479	522,731	673,933
North America	South America	281,572	366,057	315,383	336,052	354,906	450,897	514,909	574,169	716,570	898,227	1,124,269
North America	Caribbean	158,776	402,408	285,149	298,872	311,534	362,506	392,547	421,728	481,700	547,791	617,398
South America	Africa	2,442	5,101	5,549	5,639	6,074	9,075	10,595	12,138	15,795	20,552	26,798
South America	Asia	23,028	29,773	34,019	36,570	38,695	53,930	67,375	85,029	137,628	227,531	386,480
South America	Europe	100,768	171,215	223,464	237,653	252,581	342,748	363,090	413,717	543,206	707,368	911,651
South America	Mideast	2,109	3,189	3,584	3,965	4,419	6,795	8,411	10,424	16,074	24,989	39,464
South America	North America	179,807	282,241	387,544	418,257	428,049	595,239	678,943	791,772	1,072,606	1,431,160	1,872,342
South America	South America	148,980	231,899	275,645	301,529	327,778	478,789	566,760	663,243	900,313	1,222,157	1,685,069
South America	Caribbean	48,591	119,769	122,824	132,164	140,917	184,872	222,849	274,535	451,388	788,926	1,377,356
Caribbean	Africa	248	468	499	507	523	627	701	781	969	1,202	1,472
Caribbean	Asia	1,092	1,531	1,569	1,602	1,683	2,256	2,669	3,091	4,395	6,674	10,411
Caribbean	Europe	8,570	17,190	19,999	20,450	21,138	25,397	28,238	31,217	38,191	46,453	56,166
Caribbean	Mideast	341	1,541	1,624	1,707	1,797	2,276	2,617	2,991	4,254	7,208	14,254
Caribbean	North America	162,434	538,460	666,780	684,472	716,422	847,807	975,545	1,108,860	1,435,721	1,816,190	2,242,829
Caribbean	South America	38,971	78,946	90,374	95,103	100,385	127,621	139,732	147,986	164,077	186,320	223,046
Caribbean	Caribbean	114,852	258,228	268,438	294,747	318,281	423,391	494,191	568,625	746,151	978,831	1,264,491
Total		**22,379,295**	**38,328,528**	**47,267,351**	**49,611,298**	**52,680,916**	**70,679,252**	**82,515,158**	**97,183,423**	**138,009,949**	**201,373,971**	**304,393,505**
Average Annual Growth Rate			**11.36%**	**7.24%**	**4.96%**	**6.19%**	**6.05%**	**3.15%**	**3.33%**	**3.57%**	**3.85%**	**4.22%**

WORLD Commodity Forecast For EXTRACTIVE COMMODITIES
Sorted by ORIGIN, by Major Region, 1995-2050, Selected Years
(METRIC TONNES)

Origin	Destination	1995	2000	2003	2004	2005	2010	2015	2020	2030	2040	2050
Africa	Africa	4,909,245	6,983,257	6,862,747	7,095,687	7,285,815	8,898,467	10,630,368	13,203,275	21,810,133	35,543,917	53,612,613
Africa	Asia	37,424,595	60,228,805	62,261,319	65,583,257	70,820,080	84,820,029	94,698,476	108,413,461	151,686,145	228,174,384	357,051,692
Africa	Europe	143,811,247	174,452,355	203,423,647	209,109,944	211,116,343	222,109,318	215,875,031	216,787,792	225,143,934	239,201,426	256,747,568
Africa	Mideast	11,714,745	22,145,617	22,364,591	23,070,900	24,399,731	32,651,156	34,020,283	36,809,873	44,957,263	55,782,280	68,972,763
Africa	North America	19,839,704	24,649,473	29,120,472	33,672,751	36,830,305	48,623,734	51,529,834	53,306,458	57,711,265	63,029,053	69,113,106
Africa	South America	3,454,551	4,631,931	5,559,347	5,581,885	6,029,701	7,184,785	7,322,997	7,568,455	8,291,192	9,137,582	10,045,334
Africa	Caribbean	150,435	334,986	329,556	318,064	308,373	273,409	248,994	231,344	206,306	188,818	174,442
Asia	Africa	891,567	1,275,994	1,335,789	1,375,861	1,427,477	1,807,036	2,001,903	2,198,975	2,594,952	3,067,372	3,771,045
Asia	Asia	484,638,741	664,044,367	682,313,427	729,062,027	773,554,874	900,915,482	949,404,371	1,045,909,382	1,342,162,698	1,847,113,263	2,731,835,883
Asia	Europe	59,159,508	76,292,062	84,790,105	88,578,736	94,377,896	99,399,718	97,458,724	97,598,011	99,913,536	104,330,228	110,177,895
Asia	Mideast	6,844,444	7,322,152	7,389,304	7,468,303	7,633,890	8,585,274	9,075,312	9,782,754	11,621,005	13,996,173	17,044,413
Asia	North America	12,251,584	15,905,056	13,945,227	14,602,571	15,383,462	17,137,925	17,430,669	17,421,071	17,756,030	18,366,353	19,240,694
Asia	South America	6,187,704	11,419,772	12,948,799	13,357,813	14,242,268	16,701,967	17,400,358	18,287,364	20,544,683	23,077,432	25,734,552
Asia	Caribbean	4,255	18,315	19,543	20,070	20,481	22,894	25,672	28,740	35,290	47,443	73,331
Europe	Africa	6,188,804	8,564,961	8,417,685	8,927,649	9,474,332	13,301,155	19,510,667	30,707,750	75,606,446	185,236,284	459,304,209
Europe	Asia	14,626,860	25,327,754	27,033,503	28,920,676	30,175,482	36,598,729	41,431,885	48,073,309	66,747,542	95,038,471	139,679,511
Europe	Europe	217,260,567	280,496,179	311,077,099	319,394,366	326,652,203	357,839,404	349,060,130	348,489,620	358,571,252	382,872,899	419,750,948
Europe	Mideast	12,020,075	25,440,152	26,510,475	27,715,324	28,602,846	32,205,981	35,149,372	40,473,714	57,176,453	87,042,863	144,913,623
Europe	North America	15,345,837	20,785,512	30,213,936	33,403,398	35,448,172	42,696,279	44,229,442	45,176,690	47,789,428	51,306,032	55,459,246
Europe	South America	1,556,175	2,106,661	2,346,274	2,406,557	2,443,700	2,552,689	2,554,088	2,580,297	2,659,501	2,741,734	2,828,825
Europe	Caribbean	9,598,908	28,747,648	29,281,886	33,162,181	34,834,326	39,736,074	44,325,729	48,473,232	52,371,055	53,745,433	54,217,470
Mideast	Africa	18,903,450	31,506,216	31,088,292	31,626,005	31,624,703	32,023,244	32,618,271	35,143,812	40,129,108	45,049,338	49,813,880
Mideast	Asia	471,282,271	524,849,168	491,701,415	515,109,379	505,745,327	492,725,097	458,469,948	476,215,595	568,964,624	752,211,534	1,073,753,746
Mideast	Europe	150,621,908	166,540,398	204,290,432	208,684,527	211,932,155	234,136,018	229,023,935	230,489,651	238,846,797	251,966,748	267,807,830
Mideast	Mideast	27,314,129	35,204,497	35,937,491	36,459,415	36,307,700	34,767,326	32,135,342	32,792,894	35,419,669	39,602,717	44,884,189
Mideast	North America	3,830,013	5,898,144	7,552,235	8,419,048	8,902,778	10,581,662	10,996,385	11,348,545	12,198,622	13,225,095	14,370,696
Mideast	South America	12,980,883	8,937,016	11,015,656	9,713,466	9,543,587	8,422,850	7,594,605	7,549,877	7,817,107	8,358,036	9,008,189
Mideast	Caribbean	549,043	499,976	502,145	543,327	559,183	594,000	631,961	679,659	731,435	761,284	782,576
North America	Africa	2,681,264	1,304,538	1,000,212	1,057,073	1,075,113	1,195,332	1,278,714	1,370,975	1,484,596	1,564,006	1,675,833
North America	Asia	66,673,837	51,001,041	50,562,057	51,728,444	52,332,436	54,196,318	53,335,819	53,703,571	56,271,870	60,664,093	67,727,232
North America	Europe	70,111,997	53,168,382	48,964,789	49,759,595	52,138,191	55,995,595	53,817,498	53,316,767	53,430,524	54,887,280	57,172,456
North America	Mideast	4,303,233	2,678,385	2,815,711	2,819,989	2,969,148	3,275,181	3,468,838	3,742,515	4,453,256	5,329,104	6,407,329
North America	North America	102,744,451	131,222,309	161,101,587	175,085,729	182,331,600	207,814,146	219,826,894	227,032,576	245,710,387	269,334,933	297,676,690
North America	South America	10,237,979	9,007,655	8,377,838	8,650,651	9,048,727	10,163,451	10,562,004	11,007,297	12,130,333	13,371,787	14,682,342
North America	Caribbean	2,647,174	4,066,475	4,316,085	3,940,656	3,608,055	2,508,979	1,986,056	1,749,777	1,624,955	1,637,540	1,675,121
South America	Africa	2,039,908	3,959,757	3,728,463	3,790,951	4,007,365	4,583,976	5,125,521	5,696,993	6,733,090	7,727,670	8,756,043
South America	Asia	64,941,079	81,748,226	88,949,913	101,366,958	112,495,893	135,036,288	152,749,585	178,079,901	256,365,649	396,929,805	648,615,251
South America	Europe	85,760,009	111,093,066	122,027,038	115,318,229	116,432,762	130,514,934	128,722,375	129,436,586	133,367,513	139,886,022	148,080,950
South America	Mideast	6,957,790	13,281,046	13,512,189	13,295,637	13,397,283	14,497,124	14,415,464	14,962,013	16,960,289	19,941,398	23,684,874
South America	North America	104,903,867	129,836,931	142,396,162	155,739,959	165,646,564	189,472,747	198,969,032	203,499,359	215,435,971	230,721,715	248,900,818
South America	South America	24,875,446	34,174,772	38,066,645	37,918,360	39,597,730	43,788,185	45,220,501	47,074,042	51,551,765	57,471,568	66,405,209
South America	Caribbean	14,580,901	44,127,752	43,602,724	45,924,970	48,530,022	67,968,397	105,898,634	183,521,389	549,129,574	1,465,075,961	3,733,257,897
Caribbean	Africa	798	26,254	27,398	28,932	30,039	34,311	37,097	40,260	45,997	51,513	57,136
Caribbean	Asia	42,289	75,115	80,319	82,954	85,118	87,955	90,790	95,510	108,272	127,136	156,759
Caribbean	Europe	990,962	1,602,963	1,755,658	1,836,490	1,842,185	1,979,101	1,916,715	1,937,421	2,051,454	2,199,478	2,363,559
Caribbean	Mideast	2,254	6,714	7,416	8,102	8,260	7,973	7,577	8,256	9,823	11,559	13,298
Caribbean	North America	937,701	1,467,806	1,672,686	1,842,641	1,963,194	2,319,096	2,456,917	2,533,291	2,730,914	2,972,991	3,252,939
Caribbean	South America	985,974	1,920,445	2,014,707	2,055,844	2,092,151	2,171,900	2,152,241	2,121,738	2,050,169	1,982,492	1,915,366
Caribbean	Caribbean	669,458	1,456,060	1,373,496	1,469,729	1,516,978	1,744,314	2,103,193	2,708,311	4,731,265	8,036,615	12,913,002
Total		**2,320,449,617**	**2,911,834,115**	**3,085,985,491**	**3,237,105,078**	**3,346,826,000**	**3,716,667,005**	**3,818,996,215**	**4,109,380,151**	**5,185,841,137**	**7,350,138,855**	**11,805,560,374**
Average Annual Growth Rate			**4.65%**	**1.96%**	**4.90%**	**3.39%**	**2.12%**	**0.54%**	**1.48%**	**2.35%**	**3.55%**	**4.85%**

WORLD Commodity Forecast For FOOD
Sorted by ORIGIN, by Major Region, 1995-2050, Selected Years
(METRIC TONNES)

Origin	Destination	1995	2000	2003	2004	2005	2010	2015	2020	2030	2040	2050
Africa	Africa	1,444,036	1,836,018	1,982,030	2,007,389	2,022,574	2,141,178	2,314,657	2,748,399	4,613,991	9,075,971	19,998,910
Africa	Asia	898,671	1,339,900	1,450,546	1,505,910	1,623,476	2,156,322	2,389,876	2,665,409	3,298,302	4,009,918	4,797,362
Africa	Europe	2,884,846	3,425,522	4,074,153	4,294,747	4,523,489	5,450,533	5,763,695	6,074,264	6,697,973	7,326,211	7,951,664
Africa	Mideast	174,715	542,469	585,505	642,856	701,337	1,018,372	1,189,098	1,394,032	1,874,368	2,441,124	3,078,051
Africa	North America	197,700	305,520	240,230	264,366	296,146	407,354	450,227	490,096	570,414	651,602	732,600
Africa	South America	320,916	33,360	40,009	41,482	42,921	53,871	58,989	63,551	75,263	88,626	102,306
Africa	Caribbean	17,751	45,900	48,563	51,065	52,550	60,060	68,492	80,020	115,254	167,880	244,592
Asia	Africa	1,543,538	2,447,131	2,716,092	2,656,375	2,590,698	2,516,462	2,497,027	2,593,948	3,059,980	4,026,364	6,058,246
Asia	Asia	30,673,403	40,307,863	41,979,414	43,736,818	45,516,986	56,360,087	64,975,793	75,635,374	102,984,222	141,406,907	195,443,037
Asia	Europe	13,373,965	17,271,356	20,646,594	21,992,413	22,136,161	23,078,650	23,585,303	24,325,400	26,116,724	28,946,399	33,121,894
Asia	Mideast	2,948,575	3,514,177	3,826,342	4,088,794	4,315,842	5,420,512	6,195,510	7,132,396	9,328,944	11,965,618	15,029,301
Asia	North America	4,864,343	5,553,752	7,057,964	6,969,835	7,309,396	8,625,236	9,111,152	9,634,443	10,727,176	11,910,770	13,164,794
Asia	South America	338,775	312,813	373,838	396,391	408,678	475,815	519,839	561,940	649,541	744,264	845,187
Asia	Caribbean	194,365	160,664	177,181	172,129	166,556	141,102	129,170	129,731	156,762	235,481	404,229
Europe	Africa	5,746,707	6,386,845	6,810,647	7,222,858	7,446,957	8,547,378	9,222,804	9,990,319	11,760,190	13,870,166	16,550,736
Europe	Asia	5,536,222	7,521,131	8,486,191	8,727,038	9,095,935	11,424,718	12,624,879	13,985,874	17,447,603	21,552,191	25,835,478
Europe	Europe	16,752,435	18,647,378	21,412,442	22,442,022	23,350,102	26,516,108	27,908,621	29,645,369	33,685,287	39,216,839	48,191,059
Europe	Mideast	4,796,276	5,940,596	6,569,771	7,144,917	7,687,723	10,721,470	12,485,586	14,616,508	19,686,500	25,818,504	33,046,991
Europe	North America	3,828,494	5,689,273	6,379,173	6,784,854	7,445,444	8,508,636	9,008,872	9,502,114	10,519,733	11,490,812	12,367,037
Europe	South America	1,642,305	1,299,837	1,545,056	1,645,863	1,754,350	2,327,465	2,592,109	2,841,862	3,365,807	3,915,001	4,479,727
Europe	Caribbean	1,126,723	1,028,889	1,099,372	1,153,398	1,194,435	1,333,546	1,355,515	1,383,982	1,424,714	1,460,902	1,500,368
Mideast	Africa	399,882	380,674	420,604	398,252	376,121	309,576	287,869	288,172	329,549	441,580	699,068
Mideast	Asia	355,383	1,024,772	1,139,807	1,184,993	1,245,764	1,504,534	1,690,659	1,920,087	2,487,180	3,244,272	4,067,602
Mideast	Europe	1,449,553	1,786,788	1,969,335	2,016,454	2,106,277	2,202,961	2,275,766	2,362,684	2,601,471	2,952,899	3,467,608
Mideast	Mideast	1,360,396	2,272,742	2,524,443	2,696,173	2,875,811	3,677,677	4,219,033	4,898,776	6,559,258	8,714,283	11,654,835
Mideast	North America	226,677	181,462	234,894	259,405	290,895	349,862	382,828	412,558	475,491	539,932	604,872
Mideast	South America	34,113	31,848	40,490	43,014	45,360	57,582	64,104	70,699	85,901	105,650	135,763
Mideast	Caribbean	5,292	13,089	14,441	14,260	13,999	13,000	13,334	15,315	25,406	50,139	109,000
North America	Africa	239,111	375,957	409,554	410,741	405,605	415,080	410,605	423,002	456,300	497,732	545,731
North America	Asia	13,300,182	14,812,064	14,343,572	15,107,257	15,767,628	19,354,825	21,368,978	23,745,656	29,049,996	35,297,325	41,209,420
North America	Europe	14,221,808	11,527,616	9,520,142	10,219,637	10,610,487	10,445,393	10,435,552	10,858,295	11,942,907	13,361,570	14,997,421
North America	Mideast	544,327	1,067,321	913,454	1,000,293	1,047,602	1,650,787	1,947,318	2,254,647	2,933,632	3,676,733	4,448,610
North America	North America	596,635	963,215	1,636,660	1,746,165	1,873,346	2,693,261	3,075,848	3,438,608	4,192,942	4,975,276	5,762,421
North America	South America	2,492,814	2,247,877	2,119,773	2,216,066	2,347,464	3,296,664	3,728,976	4,154,314	5,056,100	6,020,955	7,027,796
North America	Caribbean	732,711	1,115,094	1,196,481	1,299,194	1,375,936	1,614,504	1,711,154	1,825,579	2,144,662	2,654,941	3,435,972
South America	Africa	2,936,909	5,409,153	5,536,743	5,894,718	6,149,976	7,902,162	9,018,071	10,184,969	12,760,108	15,673,985	19,026,319
South America	Asia	7,229,314	10,738,577	12,148,429	13,185,727	14,185,597	20,516,583	25,401,373	31,493,792	48,275,577	74,994,342	122,260,826
South America	Europe	19,698,571	26,986,669	31,794,411	33,901,597	36,473,999	51,817,298	56,856,550	61,370,633	70,643,390	80,998,210	93,570,948
South America	Mideast	3,192,628	5,992,643	6,090,056	6,759,530	7,497,670	11,523,140	13,616,303	16,028,217	21,635,248	28,218,335	35,520,810
South America	North America	2,482,465	3,396,466	4,442,779	4,668,151	4,910,115	6,233,442	6,804,829	7,329,640	8,381,568	9,430,792	10,479,904
South America	South America	3,075,318	4,817,891	5,913,424	6,198,116	6,630,800	9,310,873	10,616,099	11,988,111	15,123,502	18,873,766	23,304,238
South America	Caribbean	951,544	1,687,170	1,702,611	1,819,892	1,903,880	2,286,111	2,611,833	3,050,083	4,604,069	7,808,383	13,976,990
Caribbean	Africa	328,300	286,985	288,282	304,272	319,124	410,432	474,180	544,722	727,576	1,005,673	1,457,861
Caribbean	Asia	870,483	1,105,490	1,298,051	1,367,537	1,502,605	2,275,176	2,754,196	3,274,521	4,442,190	5,751,242	7,197,680
Caribbean	Europe	2,460,054	5,600,733	6,099,307	6,709,837	7,270,761	10,149,709	11,527,197	12,794,354	15,404,495	18,152,406	21,041,270
Caribbean	Mideast	144,074	188,673	201,568	211,152	221,418	272,266	303,419	349,022	464,528	614,282	799,271
Caribbean	North America	899,026	1,111,757	1,439,386	1,462,709	1,519,459	1,867,508	2,033,415	2,174,612	2,445,062	2,711,253	2,979,360
Caribbean	South America	892,033	800,711	971,028	997,661	1,012,219	1,299,351	1,447,200	1,601,149	1,927,800	2,277,295	2,644,525
Caribbean	Caribbean	591,760	1,393,764	1,372,320	1,440,020	1,499,835	1,863,238	2,395,144	3,315,166	7,087,870	15,356,236	31,369,933
Total		**181,016,126**	**230,927,592**	**253,283,162**	**267,474,346**	**281,161,511**	**352,597,868**	**391,919,049**	**437,662,416**	**550,422,525**	**704,721,041**	**926,739,626**
Average Annual Growth Rate			**4.99%**	**3.13%**	**5.60%**	**5.12%**	**4.63%**	**2.14%**	**2.23%**	**2.32%**	**2.50%**	**2.78%**

WORLD Commodity Forecast For FUELS
Sorted by ORIGIN, by Major Region, 1995-2050, Selected Years
(METRIC TONNES)

Origin	Destination	1995	2000	2003	2004	2005	2010	2015	2020	2030	2040	2050
Africa	Africa	3,573,989	2,947,811	2,896,253	2,922,071	2,935,004	3,063,408	3,167,121	3,318,005	3,655,412	4,027,605	4,470,176
Africa	Asia	2,397,150	1,912,151	1,972,745	2,033,405	2,124,364	2,362,301	2,637,055	3,000,669	4,038,457	5,649,101	8,189,437
Africa	Europe	17,507,453	18,020,472	20,993,644	20,656,309	21,519,161	24,686,690	26,748,245	28,377,518	31,754,362	35,358,260	39,315,773
Africa	Mideast	1,233,319	1,332,923	1,515,252	1,520,820	1,524,355	1,578,341	1,631,413	1,707,638	1,903,497	2,149,781	2,439,402
Africa	North America	727,671	1,017,227	794,591	899,341	936,080	1,056,389	1,159,662	1,246,558	1,444,428	1,709,447	2,108,707
Africa	South America	2,753,171	6,982,913	9,213,670	9,868,321	10,144,837	11,833,420	13,299,581	14,337,439	16,517,195	19,045,408	22,060,810
Africa	Caribbean	81,967	49,922	51,626	51,986	52,349	55,051	56,678	58,103	60,044	61,791	63,729
Asia	Africa	72,370	182,477	181,954	189,037	195,569	234,651	273,475	312,982	395,472	486,441	590,741
Asia	Asia	96,951,754	107,255,638	115,200,129	121,272,031	128,682,943	169,074,773	215,436,126	277,261,830	485,225,486	890,633,015	1,668,084,422
Asia	Europe	2,097,625	622,531	646,510	680,661	712,449	890,736	1,045,896	1,198,815	1,574,200	2,059,205	2,693,723
Asia	Mideast	161,026	3,046,994	3,116,714	3,217,530	3,300,899	3,765,059	4,246,770	4,807,597	6,130,169	7,790,396	9,834,910
Asia	North America	4,658,939	6,909,147	4,010,709	4,601,848	4,886,463	6,026,064	7,069,614	8,099,874	10,526,632	13,535,114	17,293,567
Asia	South America	165,305	4,796,452	4,820,182	5,011,237	5,145,057	5,819,170	6,466,028	6,960,779	7,514,324	7,963,580	8,393,980
Asia	Caribbean	42,346	1,282,975	1,260,786	1,290,395	1,319,459	1,502,395	1,633,271	1,733,888	1,859,142	1,941,836	2,008,845
Europe	Africa	4,354,374	5,927,317	5,988,298	6,199,523	6,414,914	7,806,374	9,335,727	10,996,667	14,658,982	19,095,524	24,576,824
Europe	Asia	5,100,055	6,037,679	6,461,234	7,077,906	7,782,855	11,731,034	16,787,384	24,064,664	51,009,731	110,443,641	235,778,961
Europe	Europe	82,178,059	88,520,990	96,296,653	94,011,463	96,104,014	105,627,806	113,237,656	121,064,350	140,120,093	163,273,752	190,987,257
Europe	Mideast	12,089,356	20,431,377	22,242,266	23,001,270	23,681,578	28,274,149	32,416,948	37,173,255	48,849,644	63,869,671	82,692,649
Europe	North America	7,476,076	24,916,235	30,870,439	34,570,232	35,889,777	40,998,062	46,198,241	51,264,261	64,311,627	81,468,822	103,158,674
Europe	South America	3,238,831	2,097,338	2,375,727	2,561,331	2,668,561	3,292,837	3,821,734	4,280,392	5,238,563	6,351,145	7,691,971
Europe	Caribbean	2,826,860	4,769,558	4,775,290	4,873,054	4,983,276	5,683,114	6,178,228	6,564,868	7,057,140	7,393,512	7,678,378
Mideast	Africa	3,004,476	8,551,513	8,848,872	8,990,372	9,074,384	9,843,950	10,544,095	11,330,147	13,079,488	15,026,838	17,324,190
Mideast	Asia	64,284,627	114,182,208	117,578,849	122,000,581	125,185,480	138,976,494	156,075,282	177,989,307	237,285,251	326,906,553	465,790,811
Mideast	Europe	7,642,822	11,994,841	14,139,596	13,774,548	14,275,692	17,189,735	19,267,880	21,335,222	26,108,070	31,903,009	38,877,480
Mideast	Mideast	2,519,716	4,053,358	4,458,160	4,577,108	4,666,671	5,212,681	5,707,007	6,324,021	7,829,980	9,720,659	12,006,314
Mideast	North America	50,227	1,111,875	1,244,038	1,407,187	1,495,443	1,917,605	2,310,755	2,699,003	3,599,555	4,711,819	6,076,630
Mideast	South America	1,122,612	1,234,257	1,584,290	1,699,398	1,750,007	2,058,512	2,319,458	2,510,531	2,919,072	3,392,335	3,963,429
Mideast	Caribbean	31,084	175,348	181,994	187,448	194,235	227,464	251,569	278,676	337,742	405,080	481,024
North America	Africa	25,469	19,949	35,930	35,732	36,529	33,197	30,777	30,715	30,836	30,772	30,197
North America	Asia	8,652,955	4,018,585	4,854,713	4,752,919	4,691,923	3,993,911	3,417,948	3,053,069	2,500,595	2,172,065	2,140,929
North America	Europe	2,589,410	2,145,830	1,020,616	1,042,772	1,056,912	1,066,826	1,080,196	1,103,455	1,198,023	1,326,429	1,513,953
North America	Mideast	618,853	380,296	453,669	438,454	447,306	431,987	418,616	424,770	435,635	439,915	433,913
North America	North America	13,675,044	25,146,496	28,636,954	31,517,529	32,481,870	35,418,325	37,884,540	40,329,984	45,971,299	53,669,138	65,233,856
North America	South America	3,836,935	2,874,727	4,920,176	5,103,023	5,187,089	5,688,171	6,181,018	6,582,022	7,207,604	7,764,063	8,318,874
North America	Caribbean	1,638,169	1,195,861	2,545,762	2,558,789	2,562,713	2,605,313	2,634,112	2,649,138	2,653,968	2,642,711	2,618,155
South America	Africa	44,212	3,244	3,186	3,266	3,357	3,966	4,636	5,345	6,889	8,732	11,000
South America	Asia	84,541	371,764	477,986	509,154	540,592	663,931	815,061	1,037,465	1,757,838	3,026,656	5,381,239
South America	Europe	1,928,105	1,805,349	1,879,580	1,824,200	1,925,681	2,244,377	2,401,009	2,539,800	2,961,461	3,375,107	3,996,286
South America	Mideast	150,603	105,396	115,761	116,473	116,887	120,933	124,976	130,521	145,585	163,101	181,447
South America	North America	21,545,438	28,439,298	24,347,035	27,927,803	29,639,988	35,812,667	41,650,078	47,234,094	60,182,417	76,449,104	97,330,203
South America	South America	7,054,072	10,237,068	11,385,030	12,221,408	12,622,116	15,067,173	17,184,711	18,997,486	22,958,510	27,636,897	33,264,829
South America	Caribbean	5,560,868	2,826,136	2,775,771	2,773,600	2,789,804	2,928,461	3,019,898	3,095,002	3,194,737	3,269,731	3,334,604
Caribbean	Africa	122	567	575	583	591	658	717	779	940	1,102	1,319
Caribbean	Asia	412,252	210,476	244,192	275,754	280,277	434,244	591,668	856,291	1,528,382	2,790,067	4,817,862
Caribbean	Europe	1,671,061	1,620,681	1,657,255	1,625,328	1,694,990	1,969,416	2,134,120	2,253,334	2,503,932	2,775,709	3,076,662
Caribbean	Mideast	3,877	27,361	28,896	29,796	30,126	32,261	33,765	36,305	43,407	53,068	65,636
Caribbean	North America	149,457	332,158	341,576	371,687	384,016	454,103	516,870	569,981	689,974	841,939	1,044,496
Caribbean	South America	1,334,441	1,270,855	1,367,732	1,493,931	1,573,733	1,882,584	2,085,392	2,252,937	2,591,168	2,962,924	3,392,062
Caribbean	Caribbean	5,192,323	4,217,843	4,156,053	4,235,048	4,318,571	4,820,929	5,207,924	5,560,969	6,172,559	6,760,861	7,368,235
Total		**404,511,464**	**537,613,463**	**574,968,918**	**598,003,663**	**620,030,948**	**726,461,698**	**836,740,934**	**969,040,522**	**1,359,739,518**	**2,034,533,432**	**3,228,188,574**
Average Annual Growth Rate			**5.85%**	**2.26%**	**4.01%**	**3.68%**	**3.22%**	**2.87%**	**2.98%**	**3.45%**	**4.11%**	**4.72%**

WORLD Commodity Forecast For HI-TECH PRODUCTS
Sorted by ORIGIN, by Major Region, 1995-2050, Selected Years
(METRIC TONNES)

Origin	Destination	1995	2000	2003	2004	2005	2010	2015	2020	2030	2040	2050
Africa	Africa	8,316	14,356	12,431	13,748	15,215	22,464	23,934	26,027	31,530	40,905	56,450
Africa	Asia	324	1,815	1,547	1,736	1,972	3,371	5,008	7,516	16,967	38,714	87,099
Africa	Europe	7,737	17,852	21,401	23,203	25,562	39,522	49,709	60,131	84,935	116,547	156,762
Africa	Mideast	2,590	4,365	4,012	4,508	5,096	7,567	9,134	11,193	16,940	25,897	40,566
Africa	North America	313	376	723	827	947	1,547	2,030	2,565	3,900	5,706	8,110
Africa	South America	44	87	72	81	91	148	186	227	337	502	769
Africa	Caribbean	10	22	20	23	25	40	45	48	56	64	73
Asia	Africa	56,726	92,939	84,294	88,018	94,502	142,861	200,626	279,302	535,241	1,034,572	2,035,025
Asia	Asia	2,400,133	3,974,068	3,727,706	4,179,157	4,633,015	7,499,252	10,614,126	15,153,023	31,465,563	66,435,516	134,755,419
Asia	Europe	1,259,731	2,291,207	2,455,820	2,632,068	2,774,212	3,962,186	5,133,175	6,433,628	9,702,202	14,198,567	20,428,550
Asia	Mideast	155,745	209,720	188,065	202,639	221,952	332,234	453,585	618,560	1,132,855	2,060,976	3,767,117
Asia	North America	2,145,623	3,740,660	3,998,227	4,228,725	4,615,947	7,276,775	9,766,428	12,478,574	19,188,395	27,858,663	38,573,566
Asia	South America	185,996	234,026	235,265	260,499	287,989	451,671	591,513	742,512	1,158,785	1,827,625	2,998,629
Asia	Caribbean	18,494	14,364	12,885	13,766	14,841	22,057	29,914	41,355	82,614	169,525	340,824
Europe	Africa	110,991	147,818	136,072	154,025	175,141	300,812	401,721	523,588	884,647	1,552,030	2,888,577
Europe	Asia	189,449	258,100	280,094	314,724	355,187	577,945	809,413	1,195,707	2,590,154	5,625,308	12,322,028
Europe	Europe	436,575	990,779	1,139,179	1,238,270	1,380,946	2,187,851	2,948,169	3,845,024	6,299,934	10,068,541	15,805,010
Europe	Mideast	91,508	206,345	211,840	243,080	279,510	480,271	669,952	916,680	1,667,817	2,944,753	5,019,365
Europe	North America	106,623	123,684	151,010	161,559	180,275	282,629	363,220	449,224	661,854	946,505	1,323,006
Europe	South America	37,159	62,838	70,641	80,424	91,737	152,629	187,494	221,682	303,646	410,191	549,693
Europe	Caribbean	18,827	17,521	16,022	17,962	20,079	32,011	39,363	49,210	83,370	153,476	273,751
Mideast	Africa	4,697	11,396	10,460	11,287	12,338	19,407	27,956	38,190	65,980	114,352	202,398
Mideast	Asia	3,981	9,243	8,643	9,597	10,602	17,044	24,413	34,732	68,741	135,569	268,254
Mideast	Europe	23,536	106,892	135,586	144,382	157,420	251,953	341,944	442,855	699,086	1,057,944	1,560,991
Mideast	Mideast	11,848	25,128	23,546	26,560	30,091	47,889	63,733	83,922	143,397	243,964	422,109
Mideast	North America	1,948	5,385	4,549	5,064	5,646	8,666	10,741	12,871	17,863	24,071	31,749
Mideast	South America	849	1,679	1,470	1,651	1,796	2,706	3,390	4,052	5,598	7,523	9,945
Mideast	Caribbean	139	456	430	459	521	780	921	1,021	1,304	1,622	1,949
North America	Africa	3,705	4,108	3,609	3,750	3,887	5,183	6,531	8,234	13,715	24,706	49,364
North America	Asia	228,517	221,769	240,582	261,521	282,951	404,959	557,254	787,517	1,621,894	3,433,461	7,361,014
North America	Europe	102,112	151,256	166,986	172,702	182,307	241,432	288,225	344,425	500,693	750,009	1,168,325
North America	Mideast	5,103	8,958	8,762	9,082	9,625	13,010	16,032	19,248	27,082	37,153	49,851
North America	North America	1,769	5,953	6,769	7,588	8,335	12,406	16,366	20,626	31,678	47,010	68,018
North America	South America	127,093	175,875	129,924	141,790	152,018	216,025	281,458	358,192	594,702	1,036,997	1,936,368
North America	Caribbean	12,742	21,312	23,408	25,651	28,139	44,056	65,256	100,683	239,189	562,723	1,265,117
South America	Africa	156	1,473	1,360	1,571	1,806	3,234	4,389	5,611	8,670	12,799	18,242
South America	Asia	1,307	8,253	8,494	9,726	11,130	19,431	29,362	47,495	116,658	275,285	638,202
South America	Europe	6,141	15,687	17,629	19,225	21,370	35,839	50,857	68,906	116,413	185,426	281,758
South America	Mideast	228	250	257	288	325	530	720	943	1,513	2,311	3,417
South America	North America	6,658	26,365	36,689	41,464	47,548	79,094	113,442	152,202	254,432	402,990	613,162
South America	South America	18,155	47,959	57,409	63,791	71,019	108,972	131,068	153,181	205,448	273,124	362,828
South America	Caribbean	7,360	16,077	15,272	16,468	17,871	25,626	29,559	33,806	44,001	58,049	79,579
Caribbean	Africa	72	210	227	237	255	390	464	541	719	950	1,222
Caribbean	Asia	501	317	327	370	418	692	989	1,432	2,908	5,821	11,506
Caribbean	Europe	2,037	1,373	1,488	1,592	1,741	2,679	3,333	4,041	5,825	8,315	11,817
Caribbean	Mideast	88	87	83	94	107	187	284	457	1,129	2,700	6,504
Caribbean	North America	112	490	880	974	1,093	1,666	2,050	2,460	3,370	4,465	5,794
Caribbean	South America	2,820	4,638	5,478	5,865	6,296	8,557	10,146	11,797	15,647	20,473	26,398
Caribbean	Caribbean	7,218	7,571	7,707	7,691	7,704	8,046	8,635	9,851	14,801	25,178	46,985
Total		**7,813,807**	**13,283,103**	**13,665,356**	**14,849,482**	**16,248,602**	**25,356,299**	**34,388,259**	**45,805,064**	**80,734,199**	**144,269,573**	**257,933,258**
Average Annual Growth Rate			**11.20%**	**0.95%**	**8.67%**	**9.42%**	**9.31%**	**6.28%**	**5.90%**	**5.83%**	**5.98%**	**5.98%**

WORLD Commodity Forecast For INTERMEDIATE MANUFACTURED PRODUCTS
Sorted by ORIGIN, by Major Region, 1995-2050, Selected Years
(METRIC TONNES)

Origin	Destination	1995	2000	2003	2004	2005	2010	2015	2020	2030	2040	2050
Africa	Africa	3,352,582	2,794,890	2,797,420	2,859,820	2,903,207	3,216,737	3,572,904	4,071,553	5,463,519	7,812,323	12,157,590
Africa	Asia	2,747,322	3,965,656	4,348,732	4,809,164	5,410,781	6,751,948	8,790,036	11,391,182	18,575,007	29,568,632	46,487,705
Africa	Europe	2,505,337	4,547,877	5,943,542	6,582,207	6,858,754	7,600,502	8,560,636	9,415,695	11,455,349	14,134,184	17,603,561
Africa	Mideast	806,663	858,832	880,007	989,885	1,063,231	1,343,244	1,714,283	2,274,493	4,063,374	7,623,805	15,342,810
Africa	North America	977,037	1,776,944	1,448,615	1,638,647	1,736,483	1,588,173	1,542,131	1,495,950	1,559,861	1,742,388	2,025,298
Africa	South America	148,528	102,674	120,875	141,979	151,442	187,544	221,399	249,684	300,614	351,281	410,268
Africa	Caribbean	27,779	32,016	32,145	33,986	35,018	37,846	38,563	38,700	38,523	38,806	40,085
Asia	Africa	1,012,108	4,451,323	4,676,441	5,085,660	5,469,232	8,087,873	10,521,714	13,515,882	22,476,233	38,752,786	69,460,555
Asia	Asia	87,633,368	107,245,037	127,481,705	137,733,143	150,437,679	207,291,341	269,987,966	357,076,859	644,360,188	1,215,790,672	2,357,680,932
Asia	Europe	5,318,220	14,045,304	18,983,777	19,894,449	20,900,593	27,769,082	33,555,845	39,221,589	52,588,795	70,376,836	95,595,888
Asia	Mideast	4,076,320	7,113,299	7,332,657	7,922,753	8,452,273	10,987,863	13,442,237	16,838,204	26,621,414	43,285,935	71,575,762
Asia	North America	11,505,675	33,806,879	28,471,211	31,027,617	34,401,205	50,235,615	63,996,375	77,460,492	110,585,312	154,665,075	212,674,718
Asia	South America	710,289	1,540,389	1,845,732	1,994,125	2,130,339	2,854,360	3,502,958	4,342,705	6,943,824	11,950,732	22,000,821
Asia	Caribbean	141,569	662,089	708,282	764,475	810,040	1,043,485	1,329,717	1,720,771	3,145,145	6,258,243	12,780,293
Europe	Africa	9,114,319	10,407,734	11,076,861	12,171,364	13,035,244	18,457,390	23,967,795	30,205,566	45,978,571	68,348,077	99,171,390
Europe	Asia	30,871,207	34,534,728	39,203,233	40,370,708	43,614,583	66,793,020	99,377,157	148,987,505	335,318,204	768,606,859	1,709,136,221
Europe	Europe	35,740,945	45,820,023	56,489,521	59,600,756	63,100,134	86,370,862	109,322,438	131,614,415	182,622,839	247,943,882	332,469,633
Europe	Mideast	12,615,998	14,478,144	16,432,920	17,833,952	19,104,280	26,423,915	33,278,185	42,123,911	66,051,109	101,701,146	153,044,072
Europe	North America	18,629,485	27,050,467	18,550,882	20,409,897	22,729,665	33,083,188	42,730,942	52,040,606	74,698,249	104,437,276	143,003,204
Europe	South America	2,015,264	2,841,369	3,482,186	3,845,182	4,173,508	5,752,434	6,848,937	8,040,771	11,011,816	15,200,952	21,462,192
Europe	Caribbean	1,370,040	1,510,418	1,594,023	1,721,647	1,813,611	2,185,529	2,396,501	2,569,262	2,882,856	3,207,334	3,567,157
Mideast	Africa	1,145,989	2,557,362	2,585,420	2,852,928	3,067,910	4,379,955	5,583,952	6,906,326	10,063,786	14,298,264	20,143,015
Mideast	Asia	3,712,506	3,383,145	3,688,764	3,958,779	4,220,398	5,676,200	7,752,157	10,874,014	21,760,970	44,030,974	86,917,877
Mideast	Europe	3,181,511	10,112,694	13,181,200	14,370,982	15,412,891	20,536,804	24,649,365	28,720,107	37,941,290	49,472,545	64,393,886
Mideast	Mideast	7,278,053	9,026,771	9,162,141	9,874,768	10,491,086	13,125,870	15,000,612	17,650,856	24,733,997	35,296,500	50,639,360
Mideast	North America	961,003	2,959,298	3,280,116	3,735,141	4,233,485	5,597,724	6,856,180	8,066,043	11,019,159	14,866,880	19,793,727
Mideast	South America	45,460	122,462	131,951	144,728	155,626	210,801	267,495	327,728	469,137	659,057	918,634
Mideast	Caribbean	91,226	306,100	305,449	324,507	334,948	352,858	361,352	361,845	354,864	349,266	350,387
North America	Africa	73,110	48,465	55,120	53,999	52,743	60,484	67,170	73,502	87,189	102,895	121,362
North America	Asia	5,654,334	2,557,837	3,351,442	3,540,535	3,685,937	4,499,866	5,614,804	6,970,136	11,373,616	19,656,238	34,756,908
North America	Europe	2,793,029	2,187,288	3,219,098	3,360,316	3,520,304	4,272,109	5,208,469	6,068,942	8,013,888	10,516,814	13,920,484
North America	Mideast	209,779	118,106	124,506	129,136	129,107	159,307	184,755	209,931	271,769	355,604	468,684
North America	North America	4,307,976	4,783,540	5,190,590	5,803,712	6,465,984	8,354,750	10,319,972	12,233,368	17,033,586	23,515,529	32,101,488
North America	South America	1,608,725	1,332,442	1,247,641	1,341,095	1,400,864	1,740,705	2,027,858	2,303,881	2,939,674	3,741,159	4,764,834
North America	Caribbean	2,293,464	1,114,606	1,076,786	1,138,591	1,181,936	1,399,431	1,552,466	1,709,356	2,191,064	3,157,412	4,766,734
South America	Africa	149,525	254,830	269,214	290,199	306,184	397,919	511,064	649,798	1,042,371	1,714,439	2,933,475
South America	Asia	6,755,492	6,025,884	6,024,444	5,981,717	6,020,660	6,658,631	7,642,803	9,139,524	15,498,590	30,912,906	64,654,571
South America	Europe	2,797,733	6,147,438	7,704,657	8,224,646	8,549,475	10,443,098	13,009,997	15,328,931	20,232,799	25,831,409	32,538,219
South America	Mideast	407,663	273,480	294,684	312,028	326,255	380,157	442,397	543,259	877,781	1,513,383	2,737,639
South America	North America	9,607,850	16,692,612	16,949,232	18,887,834	21,215,379	29,436,805	38,210,709	46,913,084	68,633,435	97,556,941	135,316,281
South America	South America	4,093,776	3,906,782	4,647,686	4,896,053	5,115,070	6,375,808	7,425,453	8,610,896	11,711,040	16,450,138	24,137,278
South America	Caribbean	1,760,574	3,416,075	3,693,129	3,892,580	4,020,453	4,733,742	5,287,691	6,157,246	9,397,154	16,856,977	33,710,292
Caribbean	Africa	1,080	17,126	18,560	19,771	20,911	30,164	39,404	50,418	80,118	127,045	210,898
Caribbean	Asia	43,726	30,431	30,028	32,554	34,685	43,925	58,081	78,448	144,992	266,364	469,196
Caribbean	Europe	97,315	153,859	198,541	207,597	211,029	250,655	301,900	346,230	441,337	552,428	684,194
Caribbean	Mideast	5,859	9,422	10,520	11,355	12,120	14,729	17,758	21,543	32,104	48,657	73,399
Caribbean	North America	369,835	615,468	722,826	815,042	893,070	1,381,722	2,035,216	2,694,742	4,394,570	6,682,058	9,636,907
Caribbean	South America	340,807	436,591	528,003	572,627	614,708	816,173	953,324	1,093,349	1,415,243	1,831,201	2,392,806
Caribbean	Caribbean	894,976	2,041,998	2,213,539	2,360,516	2,452,108	2,909,278	3,296,035	3,835,977	5,701,112	9,832,051	19,078,170
Total		**292,002,432**	**400,218,205**	**441,806,056**	**474,565,154**	**512,476,629**	**702,301,619**	**903,377,158**	**1,152,635,278**	**1,914,597,437**	**3,341,992,359**	**6,060,320,860**
Average Annual Growth Rate			**6.51%**	**3.35%**	**7.41%**	**7.99%**	**6.50%**	**5.16%**	**4.99%**	**5.21%**	**5.73%**	**6.13%**

WORLD Commodity Forecast For MATERIALS
Sorted by ORIGIN, by Major Region, 1995-2050, Selected Years
(METRIC TONNES)

Origin	Destination	1995	2000	2003	2004	2005	2010	2015	2020	2030	2040	2050
Africa	Africa	316,523	437,153	460,543	460,797	461,661	466,139	490,006	548,653	790,211	1,367,128	2,742,213
Africa	Asia	544,982	746,851	849,162	865,214	886,503	986,296	1,112,566	1,331,941	2,047,888	3,586,004	7,105,279
Africa	Europe	597,163	903,459	1,139,351	1,178,230	1,180,347	1,002,852	940,794	958,366	1,014,207	1,098,961	1,230,065
Africa	Mideast	77,706	153,793	161,329	167,890	176,076	186,723	200,101	223,268	286,175	381,355	534,251
Africa	North America	96,835	46,317	62,413	58,287	56,727	59,344	62,382	66,047	76,143	89,719	106,581
Africa	South America	64,443	53,414	65,848	67,769	69,147	79,801	87,433	94,434	107,401	124,218	154,360
Africa	Caribbean	2,604	9,911	10,669	11,220	11,523	12,513	13,327	13,988	15,157	16,656	18,965
Asia	Africa	633,172	1,017,261	1,086,720	1,100,702	1,127,469	1,412,298	1,837,697	2,608,972	5,682,651	12,804,064	29,138,549
Asia	Asia	23,492,851	37,178,215	43,328,164	45,208,638	47,089,493	58,874,721	70,813,885	91,129,072	158,655,626	293,538,238	563,817,743
Asia	Europe	3,578,283	5,670,470	7,351,493	7,388,923	7,435,553	8,344,543	9,147,444	10,307,271	14,138,586	21,608,082	37,381,857
Asia	Mideast	1,927,791	2,805,979	3,032,137	3,198,246	3,308,395	3,979,545	4,705,142	5,867,778	10,078,910	19,550,930	41,716,238
Asia	North America	3,280,434	5,913,761	7,555,241	7,603,646	7,838,762	8,997,671	9,724,736	10,333,738	12,048,621	14,268,166	16,764,818
Asia	South America	335,773	585,991	709,720	747,529	784,607	1,027,808	1,143,993	1,307,799	1,907,226	3,327,940	6,755,690
Asia	Caribbean	142,497	292,765	287,446	293,386	302,380	387,944	555,431	796,373	1,694,987	3,586,742	7,451,077
Europe	Africa	1,636,867	2,198,689	2,326,337	2,392,808	2,449,946	2,902,444	3,299,068	3,694,832	4,596,172	5,776,101	7,315,136
Europe	Asia	5,239,026	9,739,538	11,824,774	12,104,337	12,437,969	14,291,023	16,792,278	20,968,229	35,771,153	69,285,133	146,253,925
Europe	Europe	17,083,821	23,071,511	27,295,278	27,076,729	26,361,159	24,017,527	22,614,808	23,531,474	25,611,659	27,326,203	29,321,355
Europe	Mideast	2,296,135	3,282,231	3,834,378	4,032,696	4,246,434	5,299,242	6,133,726	7,175,260	9,807,110	13,420,976	18,549,737
Europe	North America	2,366,517	3,671,841	4,741,032	4,717,512	4,820,840	5,156,037	5,379,931	5,672,574	6,526,288	7,642,908	8,965,088
Europe	South America	723,103	1,063,215	1,430,550	1,505,202	1,579,469	1,982,056	2,270,982	2,549,712	3,155,012	3,890,386	4,797,458
Europe	Caribbean	170,413	200,277	206,283	213,932	219,114	234,865	251,522	269,336	303,601	344,379	399,638
Mideast	Africa	90,491	198,995	203,079	206,862	209,655	234,159	258,601	286,249	368,929	538,805	922,868
Mideast	Asia	196,289	435,089	431,991	436,311	441,006	502,017	608,543	816,481	1,663,356	3,722,327	8,757,166
Mideast	Europe	371,078	698,069	838,092	889,002	936,442	994,924	1,068,659	1,157,056	1,402,519	1,799,987	2,488,859
Mideast	Mideast	346,806	537,633	556,245	579,888	599,919	656,706	727,706	817,390	1,053,720	1,416,375	1,949,133
Mideast	North America	44,369	144,958	191,243	203,943	217,873	261,185	281,522	306,184	370,587	455,868	564,190
Mideast	South America	9,555	8,578	10,547	11,321	11,899	16,503	17,980	19,136	21,578	29,577	53,195
Mideast	Caribbean	1,343	3,523	3,588	3,635	3,666	3,662	3,757	3,843	4,021	4,448	5,562
North America	Africa	232,714	136,940	153,960	160,223	164,200	215,078	319,995	536,253	1,436,645	3,661,852	9,254,988
North America	Asia	16,429,106	16,308,008	19,795,843	19,888,338	19,273,490	16,256,891	14,219,513	13,790,712	13,305,438	13,261,405	13,806,778
North America	Europe	8,510,150	8,013,173	8,532,267	8,892,263	8,817,173	6,166,026	5,002,603	4,838,454	4,806,202	5,144,609	5,957,244
North America	Mideast	643,403	507,484	509,714	515,520	518,629	512,273	509,215	526,400	568,697	623,351	695,875
North America	North America	1,332,161	1,309,437	1,291,110	1,390,357	1,459,255	1,659,309	1,793,278	1,901,415	2,167,317	2,512,293	2,944,168
North America	South America	2,820,106	2,563,384	2,475,730	2,480,941	2,465,801	2,495,850	2,531,674	2,635,632	2,914,850	3,286,032	3,756,173
North America	Caribbean	589,248	694,661	1,045,446	1,109,584	1,182,761	1,681,174	2,517,681	3,634,980	7,631,705	15,632,048	30,820,278
South America	Africa	107,609	109,933	106,385	100,708	96,375	83,652	81,405	89,098	124,089	202,383	384,541
South America	Asia	1,660,746	2,592,068	3,731,878	3,734,073	3,721,199	3,549,361	3,390,493	3,587,025	4,048,700	4,871,761	7,009,508
South America	Europe	2,306,286	3,314,622	4,926,438	5,148,852	5,186,606	4,570,718	4,157,658	4,195,760	4,372,649	4,739,129	5,386,952
South America	Mideast	202,630	157,869	173,358	175,814	179,242	182,293	187,523	200,355	235,907	286,314	355,116
South America	North America	1,509,243	2,227,848	3,258,901	3,258,718	3,346,910	4,091,425	4,335,406	4,553,774	5,079,774	5,761,636	6,613,660
South America	South America	853,117	1,322,695	1,631,296	1,671,804	1,720,333	2,002,638	2,301,624	2,756,056	4,258,363	7,234,710	13,191,919
South America	Caribbean	193,727	405,669	373,060	388,057	402,780	476,755	598,027	767,870	1,366,422	2,545,227	4,728,198
Caribbean	Africa	636	2,388	2,298	2,291	2,300	2,386	2,390	2,398	2,443	2,544	2,707
Caribbean	Asia	15,577	22,968	29,895	29,135	29,045	36,076	40,396	46,682	64,268	90,217	128,465
Caribbean	Europe	28,553	50,857	70,537	71,582	72,635	78,251	80,971	85,073	97,324	116,363	144,168
Caribbean	Mideast	964	1,687	2,017	2,067	2,109	2,322	2,573	2,863	3,621	4,572	5,565
Caribbean	North America	60,068	70,076	100,072	95,607	95,781	104,309	112,678	120,168	135,550	153,479	175,601
Caribbean	South America	102,312	121,781	142,334	140,457	138,937	139,180	141,203	147,526	158,517	169,703	182,650
Caribbean	Caribbean	119,811	216,409	201,676	207,163	212,386	246,359	301,689	392,677	758,156	1,469,794	2,540,793
Total		**103,385,039**	**141,219,441**	**168,547,871**	**172,188,208**	**174,351,979**	**186,922,873**	**203,172,014**	**237,666,623**	**352,736,133**	**582,771,096**	**1,053,346,341**
Average Annual Growth Rate			**6.44%**	**6.07%**	**2.16%**	**1.26%**	**1.40%**	**1.68%**	**3.19%**	**4.03%**	**5.15%**	**6.10%**

WORLD Commodity Forecast For ALL COMMODITIES
Sorted by ORIGIN, by Major Region, 1995-2050, Selected Years
(METRIC TONNES)

Origin	Destination	1995	2000	2003	2004	2005	2010	2015	2020	2030	2040	2050
Africa	Africa	16,119,815	18,570,062	18,705,672	19,173,593	19,548,245	22,329,642	25,201,003	29,686,727	44,641,008	71,327,388	118,358,623
Africa	Asia	49,626,221	76,567,021	79,636,623	83,997,195	90,550,075	109,504,337	124,808,720	144,909,012	205,787,188	310,283,263	485,566,365
Africa	Europe	174,787,782	210,918,747	246,398,810	252,792,731	256,339,051	273,083,816	270,805,279	275,011,643	290,526,369	312,884,425	340,286,312
Africa	Mideast	15,964,486	27,993,726	28,611,237	29,637,624	31,224,288	40,834,093	43,343,251	47,676,548	60,070,612	77,964,999	104,142,452
Africa	North America	22,056,850	28,294,330	32,290,099	37,183,274	40,556,192	52,640,486	55,809,602	57,806,795	62,877,536	69,112,430	76,416,329
Africa	South America	7,352,106	12,404,419	15,762,403	16,509,515	17,281,858	20,366,812	22,121,008	23,531,827	26,696,272	30,350,741	34,593,543
Africa	Caribbean	418,792	625,039	628,356	629,000	628,529	634,016	637,546	647,949	691,945	775,900	924,319
Asia	Africa	6,980,958	16,210,057	16,758,227	17,466,196	18,179,117	23,358,079	28,654,512	36,082,458	60,964,451	111,959,012	221,478,744
Asia	Asia	830,112,869	1,118,373,970	1,194,236,621	1,272,841,839	1,352,561,453	1,657,775,953	1,898,712,592	2,260,262,964	3,447,796,973	5,717,323,287	10,046,217,613
Asia	Europe	98,467,002	141,446,301	166,540,668	173,876,750	181,964,611	203,689,723	214,748,996	229,160,795	268,601,172	328,863,887	424,160,492
Asia	Mideast	24,574,957	40,378,634	41,236,358	43,506,302	45,702,488	55,331,596	63,956,647	75,639,772	108,878,592	165,477,976	269,840,988
Asia	North America	59,268,697	103,309,700	101,597,810	107,681,260	116,459,281	157,519,494	187,477,705	216,878,919	289,826,523	384,710,137	504,636,031
Asia	South America	18,104,142	30,107,624	33,509,443	35,053,719	36,960,995	43,186,230	46,997,256	50,676,408	60,103,623	76,408,315	106,475,481
Asia	Caribbean	1,202,419	4,717,962	4,931,544	5,184,879	5,442,832	6,267,474	7,207,580	8,449,421	12,867,081	22,192,430	40,976,192
Europe	Africa	40,390,256	53,630,793	54,621,647	58,359,651	61,592,738	81,148,734	101,240,266	127,913,219	211,460,989	377,423,214	740,914,107
Europe	Asia	94,357,313	120,763,061	133,702,791	140,501,149	149,492,927	202,909,651	263,436,137	350,962,048	658,362,252	1,326,520,812	2,731,292,100
Europe	Europe	438,571,984	552,209,847	621,310,371	634,647,887	651,516,950	736,910,196	771,183,663	814,607,020	926,963,664	1,081,261,133	1,287,257,309
Europe	Mideast	55,837,663	93,700,659	100,972,535	106,934,682	112,374,690	140,012,009	162,197,865	190,939,726	267,972,895	381,434,152	553,016,850
Europe	North America	59,763,537	98,703,985	111,082,832	120,701,969	128,340,979	158,481,350	179,362,071	198,590,515	247,213,675	311,360,084	392,517,396
Europe	South America	16,239,675	19,819,191	24,347,217	26,043,025	27,681,782	36,136,170	40,854,986	45,229,569	54,983,435	66,943,951	82,152,203
Europe	Caribbean	17,537,114	39,360,656	40,073,516	44,449,646	46,573,321	53,459,040	59,116,537	64,158,825	69,605,705	72,759,131	75,919,833
Mideast	Africa	24,843,427	45,663,523	45,676,956	46,772,370	47,215,961	50,723,615	54,629,261	61,680,805	81,122,794	114,652,414	176,732,786
Mideast	Asia	551,618,152	662,116,141	633,952,983	662,978,048	657,938,526	664,269,853	653,802,950	701,817,129	880,261,725	1,202,217,564	1,751,641,316
Mideast	Europe	169,087,559	199,826,171	244,104,981	249,746,854	254,919,623	286,885,558	289,409,056	298,313,322	323,867,353	358,993,605	404,304,785
Mideast	Mideast	42,295,785	56,535,021	58,412,028	60,299,301	61,396,153	65,761,444	67,657,100	74,502,725	94,400,128	126,253,725	173,204,151
Mideast	North America	5,530,958	11,140,093	13,490,306	15,040,114	16,198,402	19,920,109	22,161,903	24,272,021	29,380,744	35,887,998	43,954,308
Mideast	South America	14,770,972	11,652,107	14,556,779	13,450,090	13,427,695	13,155,081	12,885,760	13,271,997	14,443,072	16,032,074	18,003,658
Mideast	Caribbean	713,247	1,113,130	1,124,840	1,195,249	1,235,473	1,327,840	1,409,629	1,499,104	1,666,235	1,899,862	2,300,824
North America	Africa	7,366,710	6,351,903	6,737,899	7,037,992	7,237,956	8,294,344	9,294,045	10,400,161	13,188,430	17,716,936	26,621,064
North America	Asia	168,064,835	137,693,263	145,913,294	151,004,865	153,073,719	161,775,300	166,311,968	174,932,536	202,616,239	244,581,385	326,050,436
North America	Europe	116,359,650	94,357,459	88,265,861	90,912,101	94,106,663	98,282,364	97,895,952	100,317,496	107,833,688	119,793,550	137,499,173
North America	Mideast	9,784,617	7,141,269	7,315,863	7,559,351	7,887,963	9,524,833	10,414,314	11,433,056	13,806,034	16,575,365	19,764,212
North America	North America	133,578,195	175,414,217	208,938,211	227,360,830	237,075,625	270,595,095	289,423,256	303,132,407	337,121,983	379,242,435	433,893,490
North America	South America	37,002,408	36,518,821	40,054,102	41,745,697	42,957,909	49,042,574	53,411,507	57,701,122	67,989,103	82,022,131	101,103,903
North America	Caribbean	10,683,203	12,374,610	14,790,806	14,871,001	14,933,453	15,494,072	16,559,534	18,140,498	23,692,694	34,238,695	53,267,937
South America	Africa	6,983,325	14,161,923	14,039,247	14,644,126	15,269,125	18,447,577	20,945,965	23,488,798	28,973,814	35,362,891	43,688,978
South America	Asia	89,515,396	111,935,984	123,243,619	136,868,118	149,287,911	180,175,047	204,838,012	239,349,423	345,386,758	533,970,901	880,592,267
South America	Europe	123,881,263	166,791,773	188,140,161	185,375,151	190,181,906	225,399,917	233,294,751	241,392,817	263,969,619	291,597,938	325,164,234
South America	Mideast	12,873,829	23,105,036	23,508,853	24,249,901	25,371,146	31,376,200	34,152,380	38,097,357	48,316,209	61,734,037	78,142,615
South America	North America	144,736,642	188,742,510	201,087,815	220,354,069	235,088,652	277,068,374	303,303,956	323,794,532	374,388,270	439,630,681	522,046,966
South America	South America	46,188,044	63,572,443	72,463,289	74,385,473	77,867,282	92,356,073	100,912,055	109,931,425	131,447,530	159,977,375	200,493,079
South America	Caribbean	23,990,571	53,968,628	53,627,164	56,387,578	59,331,838	80,567,147	119,979,603	199,611,959	572,140,801	1,502,706,269	3,801,402,272
Caribbean	Africa	434,831	546,595	546,714	577,993	609,287	817,871	1,063,973	1,468,168	3,017,578	6,617,716	13,831,087
Caribbean	Asia	1,748,122	1,866,386	2,129,800	2,272,467	2,431,359	3,474,472	4,211,059	5,130,192	7,388,277	10,719,037	15,607,710
Caribbean	Europe	10,319,536	15,106,302	16,875,241	17,682,432	18,444,789	22,394,400	24,329,931	26,053,989	29,763,734	33,851,531	38,337,559
Caribbean	Mideast	261,644	532,693	564,951	589,456	612,345	708,272	771,122	854,853	1,054,180	1,311,639	1,636,337
Caribbean	North America	3,381,194	5,411,351	6,378,759	6,749,349	7,083,814	8,563,701	9,884,111	11,033,392	13,844,113	17,415,689	21,839,882
Caribbean	South America	4,256,565	5,359,606	5,940,751	6,210,064	6,423,929	7,492,678	8,098,262	8,639,149	9,780,636	11,110,065	12,715,732
Caribbean	Caribbean	8,376,600	11,531,370	11,478,597	12,005,891	12,426,382	14,732,134	17,284,982	20,976,955	33,750,358	58,960,972	107,418,436
Total		**3,816,381,917**	**4,928,636,115**	**5,310,314,649**	**5,575,497,817**	**5,801,007,291**	**6,754,204,846**	**7,396,209,616**	**8,350,059,549**	**11,431,504,060**	**17,212,411,148**	**28,368,402,479**
Average Annual Growth Rate			**5.25%**	**2.52%**	**4.99%**	**4.04%**	**3.09%**	**1.83%**	**2.46%**	**3.19%**	**4.18%**	**5.12%**

World Commodity by Destination (Metric Tonnes)

WORLD Commodity Forecast For AGRICULTURE COMMODITIES
Sorted by DESTINATION, by Major Region, 1995-2050, Selected Years
(METRIC TONNES)

Destination	Origin	1995	2000	2003	2004	2005	2010	2015	2020	2030	2040	2050
Africa	Africa	1,151,809	1,462,550	1,569,733	1,588,828	1,606,592	1,709,890	1,774,694	1,932,164	2,438,244	3,418,773	5,503,300
Africa	Asia	1,524,693	4,499,293	4,325,264	4,518,007	4,683,008	5,437,195	6,045,089	6,710,195	8,379,873	10,775,009	14,937,941
Africa	Europe	7,858,568	12,471,114	12,237,684	13,126,691	13,843,393	17,271,287	20,127,368	23,572,753	33,036,152	49,693,167	84,664,450
Africa	Mideast	490,768	808,679	849,000	891,746	929,901	1,103,520	1,227,234	1,359,821	1,632,360	1,920,183	2,247,645
Africa	North America	3,567,324	4,033,635	4,665,911	4,900,037	5,073,142	5,865,264	6,591,052	7,245,532	8,528,984	9,775,340	10,970,400
Africa	South America	1,544,464	4,161,438	4,113,744	4,273,301	4,401,147	5,063,313	5,707,473	6,297,962	7,571,863	9,097,979	11,360,761
Africa	Caribbean	69,876	103,116	103,491	114,129	126,106	215,176	374,327	682,660	1,988,730	5,228,771	11,863,614
Asia	Africa	2,207,259	2,756,579	2,917,645	2,946,439	2,970,572	3,238,494	3,473,631	3,771,337	4,714,518	6,488,816	9,517,490
Asia	Asia	41,384,355	56,203,139	56,813,511	60,359,947	62,484,841	71,104,073	79,586,432	86,020,968	109,584,371	137,578,994	175,283,426
Asia	Europe	6,409,503	11,816,919	12,756,088	14,147,683	15,288,994	18,921,453	22,172,322	25,750,745	34,499,252	46,299,663	61,019,504
Asia	Mideast	608,985	1,278,604	1,353,494	1,417,926	1,464,582	1,723,381	1,893,068	2,083,271	2,565,757	3,172,619	3,949,463
Asia	North America	35,448,094	29,288,969	30,395,454	32,334,756	33,086,661	37,414,663	39,757,617	41,454,531	45,783,294	45,458,125	51,369,262
Asia	South America	7,392,665	8,872,123	10,144,121	10,230,053	10,327,852	11,017,426	11,597,108	12,124,412	13,522,928	13,395,191	15,113,957
Asia	Caribbean	271,412	336,525	340,995	369,767	377,252	426,896	445,607	469,399	533,970	620,689	732,291
Europe	Africa	2,282,754	2,967,974	3,319,931	3,410,322	3,505,238	4,097,279	4,384,592	4,592,803	5,063,816	5,626,733	6,344,288
Europe	Asia	3,485,467	5,479,429	5,889,771	6,107,888	6,212,505	6,278,324	6,398,420	6,632,165	7,139,831	7,795,516	8,578,974
Europe	Europe	24,610,415	36,356,724	39,742,838	41,388,604	43,296,900	53,547,727	58,570,582	62,552,427	70,255,044	78,814,101	89,046,083
Europe	Mideast	1,334,526	1,682,930	1,771,516	1,863,015	1,911,193	2,131,690	2,268,225	2,379,155	2,619,520	2,916,366	3,278,385
Europe	North America	11,295,725	8,531,282	7,549,229	8,103,860	8,379,737	9,179,333	9,873,190	10,389,896	11,409,196	12,502,565	13,704,859
Europe	South America	9,645,469	13,380,712	14,899,786	15,941,535	16,490,230	19,683,860	21,232,998	20,923,352	23,276,711	25,873,292	28,611,495
Europe	Caribbean	1,740,948	1,974,593	2,155,267	2,301,758	2,367,381	2,542,931	2,700,045	2,844,818	3,151,268	3,521,596	3,987,236
Mideast	Africa	974,161	1,213,225	1,313,256	1,383,856	1,445,843	1,746,948	1,957,310	2,255,148	2,940,339	3,887,751	5,153,758
Mideast	Asia	5,533,158	10,586,734	10,150,998	10,799,449	11,409,861	13,185,681	14,872,121	16,715,949	20,545,273	24,760,794	29,513,588
Mideast	Europe	5,146,410	13,733,169	13,940,912	14,659,882	15,342,457	17,321,812	18,932,240	20,580,870	24,241,675	28,353,538	32,691,801
Mideast	Mideast	1,975,686	2,590,989	2,785,460	2,945,040	3,113,615	3,932,291	4,440,179	5,022,094	6,281,233	7,771,553	9,532,706
Mideast	North America	2,864,364	1,783,847	1,867,557	2,008,032	2,114,141	2,751,781	3,065,786	3,361,797	3,999,807	4,704,523	5,462,697
Mideast	South America	1,837,564	3,058,401	3,076,152	3,331,417	3,582,529	4,332,475	4,973,176	5,760,045	7,810,105	10,698,724	14,363,639
Mideast	Caribbean	96,511	244,142	253,883	263,244	270,876	306,113	330,742	357,246	405,592	457,818	514,190
North America	Africa	78,632	101,091	111,908	108,861	108,283	110,835	114,002	116,113	118,899	120,793	122,837
North America	Asia	1,178,317	2,004,287	1,903,843	1,903,717	1,981,244	2,189,492	2,317,954	2,257,658	2,571,994	2,948,424	3,337,902
North America	Europe	444,220	1,225,107	2,117,593	2,167,001	2,208,680	2,574,373	2,790,007	2,872,706	3,197,771	3,587,386	3,940,734
North America	Mideast	35,210	36,099	40,020	42,423	44,653	51,577	56,109	56,479	62,735	70,154	78,827
North America	North America	3,947,599	4,940,566	4,674,367	5,140,777	5,569,657	6,877,790	7,975,955	8,956,637	11,082,495	12,064,107	14,437,684
North America	South America	2,081,837	2,582,732	3,283,465	3,284,086	3,372,195	3,652,924	3,837,440	3,955,761	4,374,404	4,849,344	5,359,271
North America	Caribbean	276,957	541,198	636,208	652,745	661,657	575,131	555,848	513,709	425,430	349,837	292,739
South America	Africa	120,435	14,445	16,568	16,756	17,175	19,422	20,841	22,640	25,283	27,758	30,153
South America	Asia	216,056	185,074	217,889	230,109	236,757	276,345	296,965	320,909	364,473	413,553	487,659
South America	Europe	262,046	547,947	638,522	666,230	694,248	832,641	921,867	1,010,315	1,169,484	1,345,475	1,507,642
South America	Mideast	15,398	25,110	31,491	32,117	33,154	38,634	40,405	42,072	45,160	48,313	53,207
South America	North America	7,615,993	8,694,861	10,716,338	11,043,036	11,408,129	13,124,034	14,452,080	15,525,050	17,512,772	19,395,582	21,240,003
South America	South America	2,252,982	3,507,227	4,051,561	4,202,954	4,424,384	5,597,113	6,441,216	7,256,134	8,972,118	10,912,357	13,260,374
South America	Caribbean	171,603	261,340	278,862	284,844	291,345	327,376	360,580	386,562	431,773	478,468	527,868
Caribbean	Africa	6,670	24,066	25,388	27,872	29,820	39,143	45,836	53,105	75,487	117,144	194,943
Caribbean	Asia	110,007	302,334	336,859	357,369	375,390	436,001	472,677	500,799	556,734	634,786	759,996
Caribbean	Europe	836,621	919,252	875,472	927,451	973,337	1,138,447	1,225,070	1,282,334	1,371,641	1,446,993	1,517,262
Caribbean	Mideast	5,661	5,235	5,579	5,742	5,853	6,248	6,330	6,386	6,506	6,618	6,732
Caribbean	North America	1,598,696	2,766,504	3,223,683	3,375,249	3,512,982	3,900,576	4,149,576	4,342,519	4,667,010	4,941,790	5,174,677
Caribbean	South America	591,109	820,045	807,111	868,390	917,838	1,154,034	1,318,640	1,494,359	1,999,922	2,946,676	4,913,420
Caribbean	Caribbean	458,565	1,408,126	1,385,655	1,474,813	1,566,393	2,055,167	2,626,692	3,419,941	6,176,226	11,650,883	22,836,979
Total		**205,057,543**	**272,589,480**	**286,681,071**	**302,539,755**	**314,539,721**	**366,527,577**	**404,798,720**	**438,235,702**	**529,128,023**	**638,964,630**	**809,398,111**
Average Annual Growth Rate			**5.86%**	**1.69%**	**5.53%**	**3.97%**	**3.11%**	**2.01%**	**1.60%**	**1.90%**	**1.90%**	**2.39%**

WORLD Commodity Forecast For CAPITAL EQUIPMENT
Sorted by DESTINATION, by Major Region, 1995-2050, Selected Years
(METRIC TONNES)

Destination	Origin	1995	2000	2003	2004	2005	2010	2015	2020	2030	2040	2050
Africa	Africa	161,996	171,143	143,765	156,658	172,368	249,514	278,246	311,052	397,457	532,759	761,526
Africa	Asia	529,590	806,498	819,925	859,376	914,778	1,322,308	1,824,917	2,580,522	5,406,283	11,661,906	25,509,852
Africa	Europe	1,375,019	1,940,417	1,829,042	2,028,674	2,289,360	3,866,000	5,016,396	6,116,708	8,923,166	12,852,288	18,289,874
Africa	Mideast	63,713	113,123	102,782	112,197	123,147	192,236	277,794	407,069	892,344	1,968,030	4,431,710
Africa	North America	89,866	67,043	114,137	119,060	127,147	155,502	181,771	218,474	354,891	602,972	958,054
Africa	South America	33,099	38,860	41,792	44,166	48,560	78,159	99,664	121,216	177,029	259,310	389,761
Africa	Caribbean	928	3,955	4,111	4,464	4,921	7,198	8,192	9,183	11,824	15,418	19,992
Asia	Africa	20,529	59,321	57,483	64,114	72,490	127,501	196,591	313,427	765,066	1,813,227	4,233,979
Asia	Asia	11,312,619	14,840,723	17,446,774	18,653,133	20,008,661	27,360,500	35,589,097	47,544,888	89,750,206	177,550,154	301,744,360
Asia	Europe	3,982,642	3,751,586	3,957,194	4,387,790	4,929,544	8,012,178	11,171,965	16,084,446	33,926,381	72,930,359	152,722,056
Asia	Mideast	81,414	148,155	136,890	148,603	162,142	227,836	291,629	372,993	621,803	1,063,654	1,823,090
Asia	North America	2,049,633	1,463,362	1,551,670	1,666,238	1,755,066	2,225,315	2,771,244	3,431,358	5,404,238	8,987,508	15,690,654
Asia	South America	578,947	357,106	444,359	456,708	475,342	549,121	631,300	752,639	1,162,169	2,020,864	3,734,004
Asia	Caribbean	78,989	13,473	16,625	16,865	17,332	19,424	21,408	23,939	31,816	47,074	77,732
Europe	Africa	117,988	312,646	469,310	524,821	586,062	921,620	1,115,422	1,287,664	1,658,346	2,077,814	2,548,999
Europe	Asia	3,287,065	7,407,714	9,988,884	10,578,984	11,240,297	15,253,875	17,840,828	20,693,008	28,209,222	38,900,382	53,935,350
Europe	Europe	4,654,445	7,637,673	9,304,964	10,190,266	11,282,407	16,427,533	20,288,003	24,236,843	33,552,681	45,394,876	60,539,750
Europe	Mideast	222,492	630,883	794,675	853,900	905,399	1,241,697	1,448,713	1,662,972	2,190,866	2,879,467	3,759,989
Europe	North America	1,220,028	1,461,157	1,839,942	1,940,285	2,062,194	2,764,727	3,231,560	3,654,847	4,657,488	6,006,763	7,752,956
Europe	South America	214,907	398,055	593,775	640,845	681,866	900,722	1,072,078	1,235,821	1,615,533	2,079,632	2,637,883
Europe	Caribbean	145,780	250,038	414,372	426,340	416,970	346,798	266,378	225,252	201,806	232,418	285,805
Mideast	Africa	17,188	28,405	27,684	30,068	32,742	43,606	49,624	57,718	80,480	116,167	171,503
Mideast	Asia	1,410,389	3,042,963	3,306,815	3,506,936	3,773,399	4,757,588	5,640,423	6,913,476	10,815,419	17,727,465	30,714,676
Mideast	Europe	1,855,531	2,981,854	3,139,500	3,533,723	3,996,492	6,219,977	7,710,455	9,501,456	14,539,120	22,224,039	33,450,688
Mideast	Mideast	151,635	457,136	505,284	558,382	618,020	839,372	1,038,214	1,313,365	2,197,004	3,878,482	7,345,064
Mideast	North America	113,052	89,648	73,586	76,944	81,651	100,829	113,692	125,375	150,305	178,341	211,528
Mideast	South America	43,132	38,064	40,409	43,258	46,503	62,764	78,231	98,417	160,995	268,863	452,998
Mideast	Caribbean	950	30,841	33,674	36,052	38,742	39,186	38,793	39,726	45,887	57,841	76,927
North America	Africa	31,127	72,528	123,398	139,942	160,079	262,656	330,602	398,165	560,293	762,361	1,004,273
North America	Asia	7,656,896	10,745,400	12,601,766	13,951,419	15,466,920	23,365,483	28,939,554	34,420,704	47,630,016	64,274,717	84,347,223
North America	Europe	2,817,452	4,527,557	5,073,960	5,650,024	6,374,237	10,018,305	12,685,234	15,381,472	21,834,537	29,951,325	39,788,040
North America	Mideast	31,343	55,570	70,845	73,798	80,751	125,231	155,958	184,917	255,793	347,302	461,199
North America	North America	167,445	318,723	344,194	387,226	431,542	630,983	750,351	862,079	1,118,610	1,422,455	1,772,628
North America	South America	608,476	907,405	1,259,091	1,412,305	1,509,690	2,192,683	2,787,311	3,361,939	4,750,567	6,502,421	8,648,907
North America	Caribbean	810	2,764	3,367	3,862	4,400	6,952	8,883	10,798	15,574	21,923	30,113
South America	Africa	5,731	5,572	6,080	6,912	7,730	11,934	14,347	16,599	22,066	28,956	37,381
South America	Asia	9,109,923	9,575,849	10,510,249	11,043,467	11,578,490	12,737,562	13,783,373	14,276,595	15,374,184	18,143,550	23,391,406
South America	Europe	1,254,877	1,413,769	1,639,884	1,866,937	2,111,611	3,412,808	4,097,672	4,691,339	6,127,117	7,987,116	10,357,237
South America	Mideast	8,219	16,417	17,085	18,335	19,629	24,637	26,701	28,737	34,554	43,265	55,380
South America	North America	1,227,644	949,648	756,215	814,995	841,934	1,040,594	1,176,910	1,284,285	1,537,291	1,844,669	2,204,509
South America	South America	457,967	464,161	636,028	717,913	802,057	1,325,803	1,619,283	1,877,524	2,499,113	3,294,734	4,287,674
South America	Caribbean	14,812	26,146	32,734	36,221	40,722	64,130	76,111	85,207	105,096	128,136	154,941
Caribbean	Africa	740	7,159	7,239	7,827	8,503	10,126	10,523	10,794	11,475	12,318	13,298
Caribbean	Asia	431,524	1,690,484	1,820,142	1,937,581	2,071,711	2,187,317	2,268,953	2,393,901	2,964,923	4,231,244	6,532,748
Caribbean	Europe	574,028	685,488	682,982	745,105	815,531	993,018	1,029,821	1,058,976	1,136,848	1,242,716	1,364,812
Caribbean	Mideast	16,765	47,920	48,319	51,066	56,390	52,893	52,873	52,595	67,488	116,968	244,464
Caribbean	North America	143,276	139,433	147,358	153,034	160,124	190,018	193,993	198,133	213,346	236,754	265,289
Caribbean	South America	49,668	76,467	73,714	81,924	91,210	138,773	162,001	191,812	290,782	495,000	949,677
Caribbean	Caribbean	18,221	33,827	32,983	36,217	39,766	53,775	58,597	62,738	71,419	81,174	91,938
Total		**58,440,512**	**80,304,127**	**93,087,056**	**100,794,958**	**109,536,628**	**153,158,768**	**188,521,681**	**230,183,164**	**354,520,919**	**575,497,177**	**920,273,895**
Average Annual Growth Rate			**6.56%**	**5.05%**	**8.28%**	**8.67%**	**6.93%**	**4.24%**	**4.07%**	**4.41%**	**4.96%**	**4.81%**

WORLD Commodity Forecast For CHEMICALS
Sorted by DESTINATION, by Major Region, 1995-2050, Selected Years
(METRIC TONNES)

Destination	Origin	1995	2000	2003	2004	2005	2010	2015	2020	2030	2040	2050
Africa	Africa	1,072,620	1,778,171	1,829,433	1,907,928	1,976,994	2,358,499	2,729,662	3,285,737	5,137,234	9,108,467	18,507,277
Africa	Asia	548,803	1,124,637	1,203,225	1,253,299	1,314,817	1,878,496	2,737,804	4,233,722	10,100,122	24,031,613	57,497,293
Africa	Europe	3,702,308	5,135,538	5,336,546	5,637,931	5,920,387	7,881,042	9,365,144	10,907,322	14,267,116	18,366,348	23,935,271
Africa	Mideast	697,033	1,435,969	1,463,978	1,570,622	1,677,546	2,452,509	3,601,988	5,674,195	14,182,568	34,697,027	79,976,235
Africa	North America	442,587	347,405	286,282	284,792	286,402	333,093	388,605	471,573	763,728	1,406,409	2,931,098
Africa	South America	125,001	218,134	232,811	239,607	248,279	322,120	383,145	425,669	533,909	645,040	782,038
Africa	Caribbean	32,770	105,526	101,273	102,807	104,516	116,530	126,500	136,426	158,263	183,497	214,866
Asia	Africa	3,379,405	5,546,666	5,767,401	6,177,074	6,627,957	9,039,653	11,481,412	13,982,876	20,593,091	30,868,862	47,953,513
Asia	Asia	46,625,519	79,143,090	96,292,037	102,478,170	109,614,281	145,011,803	185,383,819	243,967,815	452,370,999	898,622,109	1,839,475,577
Asia	Europe	21,796,027	20,876,086	22,681,138	23,361,950	24,641,969	32,844,355	40,088,395	49,072,923	76,403,799	128,756,902	234,525,167
Asia	Mideast	11,073,648	16,766,176	17,869,998	18,664,374	19,410,762	22,836,460	26,892,342	31,375,675	44,624,125	67,373,555	105,734,587
Asia	North America	19,096,719	17,495,081	20,263,469	21,130,585	21,567,642	22,630,318	24,255,789	26,682,646	34,952,374	51,210,133	83,418,648
Asia	South America	848,279	1,192,211	1,279,976	1,357,433	1,470,951	2,110,346	2,513,553	3,002,142	4,501,020	7,316,562	12,798,232
Asia	Caribbean	11,801	70,059	87,799	95,931	102,944	147,827	205,254	280,880	527,083	1,013,754	2,005,808
Europe	Africa	4,759,273	5,760,443	6,374,231	6,372,285	6,391,234	6,600,724	6,793,971	6,879,392	7,004,939	7,169,495	7,443,691
Europe	Asia	3,712,133	6,507,224	8,482,707	8,614,081	8,637,803	10,144,161	11,358,089	12,533,718	15,981,002	22,191,277	34,183,617
Europe	Europe	38,165,184	47,680,059	55,099,033	55,658,950	56,127,097	59,447,127	61,622,245	63,203,243	67,632,848	74,567,418	84,692,715
Europe	Mideast	4,019,210	5,859,571	6,487,137	6,606,348	6,687,618	7,410,357	8,157,431	8,737,041	10,136,860	12,338,314	16,474,481
Europe	North America	5,246,390	6,834,574	7,069,542	7,027,373	6,932,728	7,680,435	8,432,491	9,134,022	10,991,447	13,870,828	18,782,756
Europe	South America	1,423,274	3,478,959	4,073,383	4,118,368	4,167,337	4,846,323	5,428,140	5,879,311	6,839,944	7,922,344	9,148,091
Europe	Caribbean	3,174,256	3,834,014	4,502,817	4,481,459	4,545,960	5,049,464	5,371,035	5,532,249	5,868,101	6,246,364	6,686,683
Mideast	Africa	938,105	1,672,674	1,716,322	1,779,178	1,823,515	2,184,994	2,483,904	2,834,999	3,785,033	5,311,212	8,040,143
Mideast	Asia	977,191	1,957,231	2,085,017	2,257,309	2,391,329	3,138,150	3,866,724	5,062,294	9,178,539	17,877,834	37,834,681
Mideast	Europe	4,390,014	6,360,200	7,165,463	7,739,832	8,277,944	11,309,032	13,268,520	15,717,187	21,891,337	29,829,075	39,854,667
Mideast	Mideast	1,198,040	2,142,852	2,221,814	2,334,698	2,436,260	3,201,274	3,986,077	5,212,319	9,683,345	18,962,832	33,918,658
Mideast	North America	464,872	483,189	526,916	538,664	545,703	596,138	649,036	718,869	892,770	1,119,595	1,411,911
Mideast	South America	79,483	194,699	202,402	211,491	220,032	269,991	305,178	363,163	472,713	616,619	803,211
Mideast	Caribbean	6,725	22,224	25,269	25,887	26,790	30,958	33,593	36,444	43,835	53,932	67,293
North America	Africa	87,839	281,144	281,004	287,170	309,761	369,354	429,057	467,589	552,442	649,080	761,215
North America	Asia	5,804,352	7,988,644	7,008,046	7,006,004	7,323,822	8,696,722	9,685,664	10,369,247	12,134,994	14,679,101	18,076,791
North America	Europe	8,101,059	9,528,897	11,612,514	11,357,022	11,638,296	13,129,500	13,603,082	13,537,352	14,171,663	15,912,194	18,459,275
North America	Mideast	276,370	629,543	707,779	707,416	716,700	777,984	828,563	856,939	940,053	1,068,486	1,240,597
North America	North America	6,792,527	6,603,564	5,899,728	6,116,716	6,282,099	6,909,134	7,517,092	8,052,387	9,412,191	11,178,963	13,222,603
North America	South America	1,811,000	4,350,613	4,726,917	4,715,492	4,972,213	5,501,349	5,916,765	6,002,907	6,223,095	6,524,579	6,912,418
North America	Caribbean	524,792	731,174	794,977	819,610	844,722	1,005,408	1,186,689	1,304,771	1,567,948	1,861,555	2,179,104
South America	Africa	483,887	578,970	738,602	782,860	817,190	993,394	1,092,264	1,175,370	1,352,318	1,540,170	1,743,504
South America	Asia	516,530	1,019,903	1,322,829	1,445,845	1,534,213	1,971,761	2,281,424	2,707,018	4,015,749	6,550,949	12,080,701
South America	Europe	5,342,108	8,098,419	10,467,803	11,076,467	11,736,116	15,186,085	16,791,391	18,120,942	20,758,950	23,502,411	26,299,849
South America	Mideast	551,989	1,270,016	1,718,086	1,779,868	1,859,992	2,314,026	2,541,520	2,707,834	3,030,719	3,370,089	3,781,650
South America	North America	6,753,547	8,306,295	8,995,084	9,618,048	9,750,978	10,826,183	11,954,620	13,276,279	17,379,206	24,662,661	36,048,736
South America	South America	3,358,231	4,861,989	5,798,566	6,193,545	6,555,995	8,300,720	9,405,339	10,554,753	13,267,358	16,607,925	20,593,660
South America	Caribbean	372,793	438,153	509,500	527,512	553,432	655,806	732,333	790,896	921,144	1,073,053	1,256,070
Caribbean	Africa	130,006	119,649	121,651	125,295	128,524	143,099	152,079	158,481	165,099	165,587	163,125
Caribbean	Asia	65,045	211,205	223,844	243,536	262,049	377,051	548,649	790,385	1,688,152	3,599,808	7,405,235
Caribbean	Europe	910,792	1,387,539	1,447,851	1,530,564	1,605,353	1,961,318	2,138,460	2,315,675	2,742,584	3,471,016	5,005,320
Caribbean	Mideast	11,955	60,411	61,783	63,618	65,414	75,285	85,545	97,366	133,765	198,297	308,507
Caribbean	North America	868,945	858,257	930,649	971,381	1,009,271	1,187,516	1,356,692	1,508,605	1,845,096	2,224,985	2,629,197
Caribbean	South America	246,229	473,469	460,948	489,532	517,063	670,377	830,472	1,025,857	1,662,751	2,861,339	5,074,259
Caribbean	Caribbean	309,416	497,544	466,731	479,947	494,359	607,637	792,883	1,102,700	2,290,800	4,769,350	9,907,911
Total		**221,326,082**	**302,318,060**	**345,022,315**	**358,365,875**	**373,154,357**	**453,531,887**	**531,780,428**	**632,267,207**	**965,774,220**	**1,638,149,014**	**3,002,247,934**
Average Annual Growth Rate			**6.44%**	**4.50%**	**3.87%**	**4.13%**	**3.98%**	**3.23%**	**3.52%**	**4.33%**	**5.43%**	**6.25%**

WORLD Commodity Forecast For CONSUMER GOODS
Sorted by DESTINATION, by Major Region, 1995-2050, Selected Years
(METRIC TONNES)

Destination	Origin	1995	2000	2003	2004	2005	2010	2015	2020	2030	2040	2050
Africa	Africa	128,699	144,713	151,317	160,666	168,817	203,346	219,413	241,862	303,276	399,540	548,568
Africa	Asia	168,391	312,505	328,522	339,861	361,568	518,899	714,258	1,047,959	2,333,644	5,318,886	12,479,496
Africa	Europe	302,300	450,360	462,473	498,129	543,064	814,853	993,576	1,197,714	1,749,548	2,633,228	4,217,638
Africa	Mideast	42,928	99,595	104,467	112,099	120,256	165,058	201,502	246,824	378,682	597,997	971,776
Africa	North America	11,560	13,862	13,182	12,584	13,188	16,131	18,825	21,901	31,547	50,252	84,037
Africa	South America	2,442	5,101	5,549	5,639	6,074	9,075	10,595	12,138	15,795	20,552	26,798
Africa	Caribbean	248	468	499	507	523	627	701	781	969	1,202	1,472
Asia	Africa	5,984	9,277	10,042	10,882	11,883	18,423	24,071	31,194	51,747	85,605	142,808
Asia	Asia	5,000,127	8,181,832	9,653,752	10,158,775	10,538,680	14,283,920	16,920,975	20,563,753	31,237,614	48,654,419	78,096,814
Asia	Europe	606,321	899,541	1,019,341	1,088,335	1,170,411	1,715,195	2,180,460	2,778,645	4,648,433	7,982,285	14,019,248
Asia	Mideast	19,048	39,582	43,131	47,504	52,464	80,790	104,908	134,975	219,918	356,508	578,719
Asia	North America	531,457	526,548	554,493	594,271	629,983	798,235	1,013,003	1,313,338	2,352,924	4,441,032	8,569,591
Asia	South America	23,028	29,773	34,019	36,570	38,695	53,930	67,375	85,029	137,628	227,531	386,480
Asia	Caribbean	1,092	1,531	1,569	1,602	1,683	2,256	2,669	3,091	4,395	6,674	10,411
Europe	Africa	313,985	510,147	639,599	640,662	632,861	574,776	573,184	578,017	648,508	774,796	943,941
Europe	Asia	3,195,004	5,859,006	7,305,006	7,408,548	7,537,142	8,568,448	9,225,271	10,217,190	13,237,072	18,457,396	28,062,743
Europe	Europe	1,689,538	2,988,532	3,453,364	3,646,459	3,861,988	4,928,250	5,611,011	6,424,253	8,612,027	11,782,624	16,453,499
Europe	Mideast	220,923	413,106	497,410	543,696	594,536	789,420	907,138	1,026,579	1,320,874	1,706,326	2,195,278
Europe	North America	269,000	336,902	383,250	393,298	406,631	470,488	526,168	608,394	883,318	1,426,684	2,528,720
Europe	South America	100,768	171,215	223,464	237,653	252,581	342,748	363,090	413,717	543,206	707,368	911,651
Europe	Caribbean	8,570	17,190	19,999	20,450	21,138	25,397	28,238	31,217	38,191	46,453	56,166
Mideast	Africa	25,293	41,423	43,278	47,663	52,361	73,142	88,101	108,186	163,143	245,626	369,204
Mideast	Asia	540,319	779,385	808,310	844,344	894,650	1,179,691	1,458,823	1,900,764	3,426,064	6,461,855	12,810,303
Mideast	Europe	536,360	846,590	925,011	1,030,007	1,155,425	1,756,161	2,152,882	2,660,885	4,062,131	6,229,585	9,753,258
Mideast	Mideast	139,475	223,915	237,443	247,268	256,980	300,358	339,197	387,087	498,524	646,360	851,783
Mideast	North America	17,631	24,035	21,986	23,240	25,050	33,541	41,026	49,504	73,081	111,047	173,814
Mideast	South America	2,109	3,189	3,584	3,965	4,419	6,795	8,411	10,424	16,074	24,989	39,464
Mideast	Caribbean	341	1,541	1,624	1,707	1,797	2,276	2,617	2,991	4,254	7,208	14,254
North America	Africa	19,992	43,711	106,743	113,082	121,382	161,101	189,674	217,255	279,892	352,281	433,604
North America	Asia	5,922,533	10,742,114	15,045,575	15,785,876	17,252,062	24,968,510	29,435,559	34,403,118	46,657,353	62,203,753	81,161,958
North America	Europe	647,774	1,185,413	1,372,292	1,480,470	1,605,594	2,034,343	2,373,100	2,693,515	3,502,525	4,616,824	6,053,092
North America	Mideast	73,799	117,759	164,588	186,689	210,178	248,614	282,863	328,482	440,887	578,392	731,820
North America	North America	12,586	120,413	156,251	165,030	171,937	224,990	262,959	304,727	401,479	522,731	673,933
North America	South America	179,807	282,241	387,544	418,257	428,049	595,239	678,943	791,772	1,072,606	1,431,160	1,872,342
North America	Caribbean	162,434	538,460	666,780	684,472	716,422	847,807	975,545	1,108,860	1,435,721	1,816,190	2,242,829
South America	Africa	402	1,054	1,333	1,472	1,624	2,493	2,971	3,427	4,602	6,239	8,657
South America	Asia	337,791	437,356	524,940	566,703	612,596	869,771	1,010,807	1,168,787	1,630,834	2,408,688	3,786,856
South America	Europe	167,808	287,798	350,575	388,833	428,483	644,525	768,711	892,257	1,193,540	1,599,540	2,177,609
South America	Mideast	1,894	4,724	5,711	6,192	6,646	8,831	10,101	11,330	14,245	18,229	24,265
South America	North America	281,572	366,057	315,383	336,052	354,906	450,897	514,909	574,169	716,570	898,227	1,124,269
South America	South America	148,980	231,899	275,645	301,529	327,778	478,789	566,760	663,243	900,313	1,222,157	1,685,069
South America	Caribbean	38,971	78,946	90,374	95,103	100,385	127,621	139,732	147,986	164,077	186,320	223,046
Caribbean	Africa	829	1,407	1,498	1,662	1,845	2,727	3,009	3,365	4,543	6,836	11,067
Caribbean	Asia	52,317	82,767	84,577	92,172	99,926	147,227	214,126	313,479	683,333	1,487,321	3,219,614
Caribbean	Europe	103,903	94,068	94,335	104,350	114,258	161,119	176,327	191,951	231,895	293,369	395,677
Caribbean	Mideast	739	1,072	1,112	1,187	1,263	1,650	1,986	2,399	3,705	6,139	10,624
Caribbean	North America	158,776	402,408	285,149	298,872	311,534	362,506	392,547	421,728	481,700	547,791	617,398
Caribbean	South America	48,591	119,769	122,824	132,164	140,917	184,872	222,849	274,535	451,388	788,926	1,377,356
Caribbean	Caribbean	114,852	258,228	268,438	294,747	318,281	423,391	494,191	568,625	746,151	978,831	1,264,491
Total		**22,379,295**	**38,328,528**	**47,267,351**	**49,611,298**	**52,680,916**	**70,679,252**	**82,515,158**	**97,183,423**	**138,009,949**	**201,373,971**	**304,393,505**
Average Annual Growth Rate			**11.36%**	**7.24%**	**4.96%**	**6.19%**	**6.05%**	**3.15%**	**3.33%**	**3.57%**	**3.85%**	**4.22%**

WORLD Commodity Forecast For EXTRACTIVE COMMODITIES
Sorted by DESTINATION, by Major Region, 1995-2050, Selected Years
(METRIC TONNES)

Destination	Origin	1995	2000	2003	2004	2005	2010	2015	2020	2030	2040	2050
Africa	Africa	4,909,245	6,983,257	6,862,747	7,095,687	7,285,815	8,898,467	10,630,368	13,203,275	21,810,133	35,543,917	53,612,613
Africa	Asia	891,567	1,275,994	1,335,789	1,375,861	1,427,477	1,807,036	2,001,903	2,198,975	2,594,952	3,067,372	3,771,045
Africa	Europe	6,188,804	8,564,961	8,417,685	8,927,649	9,474,332	13,301,155	19,510,667	30,707,750	75,606,446	185,236,284	459,304,209
Africa	Mideast	18,903,450	31,506,216	31,088,292	31,626,005	31,624,703	32,023,244	32,618,271	35,143,812	40,129,108	45,049,338	49,813,880
Africa	North America	2,681,264	1,304,538	1,000,212	1,057,073	1,075,113	1,195,332	1,278,714	1,370,975	1,484,596	1,564,006	1,675,833
Africa	South America	2,039,908	3,959,757	3,728,463	3,790,951	4,007,365	4,583,976	5,125,521	5,696,993	6,733,090	7,727,670	8,756,043
Africa	Caribbean	798	26,254	27,398	28,932	30,039	34,311	37,097	40,260	45,997	51,513	57,136
Asia	Africa	37,424,595	60,228,805	62,261,319	65,583,257	70,820,080	84,820,029	94,698,476	108,413,461	151,686,145	228,174,384	357,051,692
Asia	Asia	484,638,741	664,044,367	682,313,427	729,062,027	773,554,874	900,915,482	949,404,371	1,045,909,382	1,342,162,698	1,847,113,263	2,731,835,883
Asia	Europe	14,626,860	25,327,754	27,033,503	28,920,676	30,175,482	36,598,729	41,431,885	48,073,309	66,747,542	95,038,471	139,679,511
Asia	Mideast	471,282,271	524,849,168	491,701,415	515,109,379	505,745,327	492,725,097	458,469,948	476,215,595	568,964,624	752,211,534	1,073,753,746
Asia	North America	66,673,837	51,001,041	50,562,057	51,728,444	52,332,436	54,196,318	53,335,819	53,703,571	56,271,870	60,664,093	67,727,232
Asia	South America	64,941,079	81,748,226	88,949,913	101,366,958	112,495,893	135,036,288	152,749,585	178,079,901	256,365,649	396,929,805	648,615,251
Asia	Caribbean	42,289	75,115	80,319	82,954	85,118	87,955	90,790	95,510	108,272	127,136	156,759
Europe	Africa	143,811,247	174,452,355	203,423,647	209,109,944	211,116,343	222,109,318	215,875,031	216,787,792	225,143,934	239,201,426	256,747,568
Europe	Asia	59,159,508	76,292,062	84,790,105	88,578,736	94,377,896	99,399,718	97,458,724	97,598,011	99,913,536	104,330,228	110,177,895
Europe	Europe	217,260,567	280,496,179	311,077,099	319,394,366	326,652,203	357,839,404	349,060,130	348,489,620	358,571,252	382,872,899	419,750,948
Europe	Mideast	150,621,908	166,540,398	204,290,432	208,684,527	211,932,155	234,136,018	229,023,935	230,489,651	238,846,797	251,966,748	267,807,830
Europe	North America	70,111,997	53,168,382	48,964,789	49,759,595	52,138,191	55,995,595	53,817,498	53,316,767	53,430,524	54,887,280	57,172,456
Europe	South America	85,760,009	111,093,066	122,027,038	115,318,229	116,432,762	130,514,934	128,722,375	129,436,586	133,367,513	139,886,022	148,080,950
Europe	Caribbean	990,962	1,602,963	1,755,658	1,836,490	1,842,185	1,979,101	1,916,715	1,937,421	2,051,454	2,199,478	2,363,559
Mideast	Africa	11,714,745	22,145,617	22,364,591	23,070,900	24,399,731	32,651,156	34,020,283	36,809,873	44,957,263	55,782,280	68,972,763
Mideast	Asia	6,844,444	7,322,152	7,389,304	7,468,303	7,633,890	8,585,274	9,075,312	9,782,754	11,621,005	13,996,173	17,044,413
Mideast	Europe	12,020,075	25,440,152	26,510,475	27,715,324	28,602,846	32,205,981	35,149,372	40,473,714	57,176,453	87,042,863	144,913,623
Mideast	Mideast	27,314,129	35,204,497	35,937,491	36,459,415	36,307,700	34,767,326	32,135,342	32,792,894	35,419,669	39,602,717	44,884,189
Mideast	North America	4,303,233	2,678,385	2,815,711	2,819,989	2,969,148	3,275,181	3,468,838	3,742,515	4,453,256	5,329,104	6,407,329
Mideast	South America	6,957,790	13,281,046	13,512,189	13,295,637	13,397,283	14,497,124	14,415,464	14,962,013	16,960,289	19,941,398	23,684,874
Mideast	Caribbean	2,254	6,714	7,416	8,102	8,260	7,973	7,577	8,256	9,823	11,559	13,298
North America	Africa	19,839,704	24,649,473	29,120,472	33,672,751	36,830,305	48,623,734	51,529,834	53,306,458	57,711,265	63,029,053	69,113,106
North America	Asia	12,251,584	15,905,056	13,945,227	14,602,571	15,383,462	17,137,925	17,430,669	17,421,071	17,756,030	18,366,353	19,240,694
North America	Europe	15,345,837	20,785,512	30,213,936	33,403,398	35,448,172	42,696,279	44,229,442	45,176,690	47,789,428	51,306,032	55,459,246
North America	Mideast	3,830,013	5,898,144	7,552,235	8,419,048	8,902,778	10,581,662	10,996,385	11,348,545	12,198,622	13,225,095	14,370,696
North America	North America	102,744,451	131,222,309	161,101,587	175,085,729	182,331,600	207,814,146	219,826,894	227,032,576	245,710,387	269,334,933	297,676,690
North America	South America	104,903,867	129,836,931	142,396,162	155,739,959	165,646,564	189,472,747	198,969,032	203,499,359	215,435,971	230,721,715	248,900,818
North America	Caribbean	937,701	1,467,806	1,672,686	1,842,641	1,963,194	2,319,096	2,456,917	2,533,291	2,730,914	2,972,991	3,252,939
South America	Africa	3,454,551	4,631,931	5,559,347	5,581,885	6,029,701	7,184,785	7,322,997	7,568,455	8,291,192	9,137,582	10,045,334
South America	Asia	6,187,704	11,419,772	12,948,799	13,357,813	14,242,268	16,701,967	17,400,358	18,287,364	20,544,683	23,077,432	25,734,552
South America	Europe	1,556,175	2,106,661	2,346,274	2,406,557	2,443,700	2,552,689	2,554,088	2,580,297	2,659,501	2,741,734	2,828,825
South America	Mideast	12,980,883	8,937,016	11,015,656	9,713,466	9,543,587	8,422,850	7,594,605	7,549,877	7,817,107	8,358,036	9,008,189
South America	North America	10,237,979	9,007,655	8,377,838	8,650,651	9,048,727	10,163,451	10,562,004	11,007,297	12,130,333	13,371,787	14,682,342
South America	South America	24,875,446	34,174,772	38,066,645	37,918,360	39,597,730	43,788,185	45,220,501	47,074,042	51,551,765	57,471,568	66,405,209
South America	Caribbean	985,974	1,920,445	2,014,707	2,055,844	2,092,151	2,171,900	2,152,241	2,121,738	2,050,169	1,982,492	1,915,366
Caribbean	Africa	150,435	334,986	329,556	318,064	308,373	273,409	248,994	231,344	206,306	188,818	174,442
Caribbean	Asia	4,255	18,315	19,543	20,070	20,481	22,894	25,672	28,740	35,290	47,443	73,331
Caribbean	Europe	9,598,908	28,747,648	29,281,886	33,162,181	34,834,326	39,736,074	44,325,729	48,473,232	52,371,055	53,745,433	54,217,470
Caribbean	Mideast	549,043	499,976	502,145	543,327	559,183	594,000	631,961	679,659	731,435	761,284	782,576
Caribbean	North America	2,647,174	4,066,475	4,316,085	3,940,656	3,608,055	2,508,979	1,986,056	1,749,777	1,624,955	1,637,540	1,675,121
Caribbean	South America	14,580,901	44,127,752	43,602,724	45,924,970	48,530,022	67,968,397	105,898,634	183,521,389	549,129,574	1,465,075,961	3,733,257,897
Caribbean	Caribbean	669,458	1,456,060	1,373,496	1,469,729	1,516,978	1,744,314	2,103,193	2,708,311	4,731,265	8,036,615	12,913,002
Total		**2,320,449,617**	**2,911,834,115**	**3,085,985,491**	**3,237,105,078**	**3,346,826,000**	**3,716,667,005**	**3,818,996,215**	**4,109,380,151**	**5,185,841,137**	**7,350,138,855**	**11,805,560,374**
Average Annual Growth Rate			**4.65%**	**1.96%**	**4.90%**	**3.39%**	**2.12%**	**0.54%**	**1.48%**	**2.35%**	**3.55%**	**4.85%**

WORLD Commodity Forecast For FOOD
Sorted by DESTINATION, by Major Region, 1995-2050, Selected Years
(METRIC TONNES)

Destination	Origin	1995	2000	2003	2004	2005	2010	2015	2020	2030	2040	2050
Africa	Africa	1,444,036	1,836,018	1,982,030	2,007,389	2,022,574	2,141,178	2,314,657	2,748,399	4,613,991	9,075,971	19,998,910
Africa	Asia	1,543,538	2,447,131	2,716,092	2,656,375	2,590,698	2,516,462	2,497,027	2,593,948	3,059,980	4,026,364	6,058,246
Africa	Europe	5,746,707	6,386,845	6,810,647	7,222,858	7,446,957	8,547,378	9,222,804	9,990,319	11,760,190	13,870,166	16,550,736
Africa	Mideast	399,882	380,674	420,604	398,252	376,121	309,576	287,869	288,172	329,549	441,580	699,068
Africa	North America	239,111	375,957	409,554	410,741	405,605	415,080	410,605	423,002	456,300	497,732	545,731
Africa	South America	2,936,909	5,409,153	5,536,743	5,894,718	6,149,976	7,902,162	9,018,071	10,184,969	12,760,108	15,673,985	19,026,319
Africa	Caribbean	328,300	286,985	288,282	304,272	319,124	410,432	474,180	544,722	727,576	1,005,673	1,457,861
Asia	Africa	898,671	1,339,900	1,450,546	1,505,910	1,623,476	2,156,322	2,389,876	2,665,409	3,298,302	4,009,918	4,797,362
Asia	Asia	30,673,403	40,307,863	41,979,414	43,736,818	45,516,986	56,360,087	64,975,793	75,635,374	102,984,222	141,406,907	195,443,037
Asia	Europe	5,536,222	7,521,131	8,486,191	8,727,038	9,095,935	11,424,718	12,624,879	13,985,874	17,447,603	21,552,191	25,835,478
Asia	Mideast	355,383	1,024,772	1,139,807	1,184,993	1,245,764	1,504,534	1,690,659	1,920,087	2,487,180	3,244,272	4,067,602
Asia	North America	13,300,182	14,812,064	14,343,572	15,107,257	15,767,628	19,354,825	21,368,978	23,745,656	29,049,996	35,297,325	41,209,420
Asia	South America	7,229,314	10,738,577	12,148,429	13,185,727	14,185,597	20,516,583	25,401,373	31,493,792	48,275,577	74,994,342	122,260,826
Asia	Caribbean	870,483	1,105,490	1,298,051	1,367,537	1,502,605	2,275,176	2,754,196	3,274,521	4,442,190	5,751,242	7,197,680
Europe	Africa	2,884,846	3,425,522	4,074,153	4,294,747	4,523,489	5,450,533	5,763,695	6,074,264	6,697,973	7,326,211	7,951,664
Europe	Asia	13,373,965	17,271,356	20,646,594	21,992,413	22,136,161	23,078,650	23,585,303	24,325,400	26,116,724	28,946,399	33,121,894
Europe	Europe	16,752,435	18,647,378	21,412,442	22,442,022	23,350,102	26,516,108	27,908,621	29,645,369	33,685,287	39,216,839	48,191,059
Europe	Mideast	1,449,553	1,786,788	1,969,335	2,016,454	2,106,277	2,202,961	2,275,766	2,362,684	2,601,471	2,952,899	3,467,608
Europe	North America	14,221,808	11,527,616	9,520,142	10,219,637	10,610,487	10,445,393	10,435,552	10,858,295	11,942,907	13,361,570	14,997,421
Europe	South America	19,698,571	26,986,669	31,794,411	33,901,597	36,473,999	51,817,298	56,856,550	61,370,633	70,643,390	80,998,210	93,570,948
Europe	Caribbean	2,460,054	5,600,733	6,099,307	6,709,837	7,270,761	10,149,709	11,527,197	12,794,354	15,404,495	18,152,406	21,041,270
Mideast	Africa	174,715	542,469	585,505	642,856	701,337	1,018,372	1,189,098	1,394,032	1,874,368	2,441,124	3,078,051
Mideast	Asia	2,948,575	3,514,177	3,826,342	4,088,794	4,315,842	5,420,512	6,195,510	7,132,396	9,328,944	11,965,618	15,029,301
Mideast	Europe	4,796,276	5,940,596	6,569,771	7,144,917	7,687,723	10,721,470	12,485,586	14,616,508	19,686,500	25,818,504	33,046,991
Mideast	Mideast	1,360,396	2,272,742	2,524,443	2,696,173	2,875,811	3,677,677	4,219,033	4,898,776	6,559,258	8,714,283	11,654,835
Mideast	North America	544,327	1,067,321	913,454	1,000,293	1,047,602	1,650,787	1,947,318	2,254,647	2,933,632	3,676,733	4,448,610
Mideast	South America	3,192,628	5,992,643	6,090,056	6,759,530	7,497,670	11,523,140	13,616,303	16,028,217	21,635,248	28,218,335	35,520,810
Mideast	Caribbean	144,074	188,673	201,568	211,152	221,418	272,266	303,419	349,022	464,528	614,282	799,271
North America	Africa	197,700	305,520	240,230	264,366	296,146	407,354	450,227	490,096	570,414	651,602	732,600
North America	Asia	4,864,343	5,553,752	7,057,964	6,969,835	7,309,396	8,625,236	9,111,152	9,634,443	10,727,176	11,910,770	13,164,794
North America	Europe	3,828,494	5,689,273	6,379,173	6,784,854	7,445,444	8,508,636	9,008,872	9,502,114	10,519,733	11,490,812	12,367,037
North America	Mideast	226,677	181,462	234,894	259,405	290,895	349,862	382,828	412,558	475,491	539,932	604,872
North America	North America	596,635	963,215	1,636,660	1,746,165	1,873,346	2,693,261	3,075,848	3,438,608	4,192,942	4,975,276	5,762,421
North America	South America	2,482,465	3,396,466	4,442,779	4,668,151	4,910,115	6,233,442	6,804,829	7,329,640	8,381,568	9,430,792	10,479,904
North America	Caribbean	899,026	1,111,757	1,439,386	1,462,709	1,519,459	1,867,508	2,033,415	2,174,612	2,445,062	2,711,253	2,979,360
South America	Africa	320,916	33,360	40,009	41,482	42,921	53,871	58,989	63,551	75,263	88,626	102,306
South America	Asia	338,775	312,813	373,838	396,391	408,678	475,815	519,839	561,940	649,541	744,264	845,187
South America	Europe	1,642,305	1,299,837	1,545,056	1,645,863	1,754,350	2,327,465	2,592,109	2,841,862	3,365,807	3,915,001	4,479,727
South America	Mideast	34,113	31,848	40,490	43,014	45,360	57,582	64,104	70,699	85,901	105,650	135,763
South America	North America	2,492,814	2,247,877	2,119,773	2,216,066	2,347,464	3,296,664	3,728,976	4,154,314	5,056,100	6,020,955	7,027,796
South America	South America	3,075,318	4,817,891	5,913,424	6,198,116	6,630,800	9,310,873	10,616,099	11,988,111	15,123,502	18,873,766	23,304,238
South America	Caribbean	892,033	800,711	971,028	997,661	1,012,219	1,299,351	1,447,200	1,601,149	1,927,800	2,277,295	2,644,525
Caribbean	Africa	17,751	45,900	48,563	51,065	52,550	60,060	68,492	80,020	115,254	167,880	244,592
Caribbean	Asia	194,365	160,664	177,181	172,129	166,556	141,102	129,170	129,731	156,762	235,481	404,229
Caribbean	Europe	1,126,723	1,028,889	1,099,372	1,153,398	1,194,435	1,333,546	1,355,515	1,383,982	1,424,714	1,460,902	1,500,368
Caribbean	Mideast	5,292	13,089	14,441	14,260	13,999	13,000	13,334	15,315	25,406	50,139	109,000
Caribbean	North America	732,711	1,115,094	1,196,481	1,299,194	1,375,936	1,614,504	1,711,154	1,825,579	2,144,662	2,654,941	3,435,972
Caribbean	South America	951,544	1,687,170	1,702,611	1,819,892	1,903,880	2,286,111	2,611,833	3,050,083	4,604,069	7,808,383	13,976,990
Caribbean	Caribbean	591,760	1,393,764	1,372,320	1,440,020	1,499,835	1,863,238	2,395,144	3,315,166	7,087,870	15,356,236	31,369,933
Total		**181,016,126**	**230,927,592**	**253,283,162**	**267,474,346**	**281,161,511**	**352,597,868**	**391,919,049**	**437,662,416**	**550,422,525**	**704,721,041**	**926,739,626**
Average Annual Growth Rate			**4.99%**	**3.13%**	**5.60%**	**5.12%**	**4.63%**	**2.14%**	**2.23%**	**2.32%**	**2.50%**	**2.78%**

WORLD Commodity Forecast For FUELS
Sorted by DESTINATION, by Major Region, 1995-2050, Selected Years
(METRIC TONNES)

Destination	Origin	1995	2000	2003	2004	2005	2010	2015	2020	2030	2040	2050
Africa	Africa	3,573,989	2,947,811	2,896,253	2,922,071	2,935,004	3,063,408	3,167,121	3,318,005	3,655,412	4,027,605	4,470,176
Africa	Asia	72,370	182,477	181,954	189,037	195,569	234,651	273,475	312,982	395,472	486,441	590,741
Africa	Europe	4,354,374	5,927,317	5,988,298	6,199,523	6,414,914	7,806,374	9,335,727	10,996,667	14,658,982	19,095,524	24,576,824
Africa	Mideast	3,004,476	8,551,513	8,848,872	8,990,372	9,074,384	9,843,950	10,544,095	11,330,147	13,079,488	15,026,838	17,324,190
Africa	North America	25,469	19,949	35,930	35,732	36,529	33,197	30,777	30,715	30,836	30,772	30,197
Africa	South America	44,212	3,244	3,186	3,266	3,357	3,966	4,636	5,345	6,889	8,732	11,000
Africa	Caribbean	122	567	575	583	591	658	717	779	940	1,102	1,319
Asia	Africa	2,397,150	1,912,151	1,972,745	2,033,405	2,124,364	2,362,301	2,637,055	3,000,669	4,038,457	5,649,101	8,189,437
Asia	Asia	96,951,754	107,255,638	115,200,129	121,272,031	128,682,943	169,074,773	215,436,126	277,261,830	485,225,486	890,633,015	1,668,084,422
Asia	Europe	5,100,055	6,037,679	6,461,234	7,077,906	7,782,855	11,731,034	16,787,384	24,064,664	51,009,731	110,443,641	235,778,961
Asia	Mideast	64,284,627	114,182,208	117,578,849	122,000,581	125,185,480	138,976,494	156,075,282	177,989,307	237,285,251	326,906,553	465,790,811
Asia	North America	8,652,955	4,018,585	4,854,713	4,752,919	4,691,923	3,993,911	3,417,948	3,053,069	2,500,595	2,172,065	2,140,929
Asia	South America	84,541	371,764	477,986	509,154	540,592	663,931	815,061	1,037,465	1,757,838	3,026,656	5,381,239
Asia	Caribbean	412,252	210,476	244,192	275,754	280,277	434,244	591,668	856,291	1,528,382	2,790,067	4,817,862
Europe	Africa	17,507,453	18,020,472	20,993,644	20,656,309	21,519,161	24,686,690	26,748,245	28,377,518	31,754,362	35,358,260	39,315,773
Europe	Asia	2,097,625	622,531	646,510	680,661	712,449	890,736	1,045,896	1,198,815	1,574,200	2,059,205	2,693,723
Europe	Europe	82,178,059	88,520,990	96,296,653	94,011,463	96,104,014	105,627,806	113,237,656	121,064,350	140,120,093	163,273,752	190,987,257
Europe	Mideast	7,642,822	11,994,841	14,139,596	13,774,548	14,275,692	17,189,735	19,267,880	21,335,222	26,108,070	31,903,009	38,877,480
Europe	North America	2,589,410	2,145,830	1,020,616	1,042,772	1,056,912	1,066,826	1,080,196	1,103,455	1,198,023	1,326,429	1,513,953
Europe	South America	1,928,105	1,805,349	1,879,580	1,824,200	1,925,681	2,244,377	2,401,009	2,539,800	2,961,461	3,375,107	3,996,286
Europe	Caribbean	1,671,061	1,620,681	1,657,255	1,625,328	1,694,990	1,969,416	2,134,120	2,253,334	2,503,932	2,775,709	3,076,662
Mideast	Africa	1,233,319	1,332,923	1,515,252	1,520,820	1,524,355	1,578,341	1,631,413	1,707,638	1,903,497	2,149,781	2,439,402
Mideast	Asia	161,026	3,046,994	3,116,714	3,217,530	3,300,899	3,765,059	4,246,770	4,807,597	6,130,169	7,790,396	9,834,910
Mideast	Europe	12,089,356	20,431,377	22,242,266	23,001,270	23,681,578	28,274,149	32,416,948	37,173,255	48,849,644	63,869,671	82,692,649
Mideast	Mideast	2,519,716	4,053,358	4,458,160	4,577,108	4,666,671	5,212,681	5,707,007	6,324,021	7,829,980	9,720,659	12,006,314
Mideast	North America	618,853	380,296	453,669	438,454	447,306	431,987	418,616	424,770	435,635	439,915	433,913
Mideast	South America	150,603	105,396	115,761	116,473	116,887	120,933	124,976	130,521	145,585	163,101	181,447
Mideast	Caribbean	3,877	27,361	28,896	29,796	30,126	32,261	33,765	36,305	43,407	53,068	65,636
North America	Africa	727,671	1,017,227	794,591	899,341	936,080	1,056,389	1,159,662	1,246,558	1,444,428	1,709,447	2,108,707
North America	Asia	4,658,939	6,909,147	4,010,709	4,601,848	4,886,463	6,026,064	7,069,614	8,099,874	10,526,632	13,535,114	17,293,567
North America	Europe	7,476,076	24,916,235	30,870,439	34,570,232	35,889,777	40,998,062	46,198,241	51,264,261	64,311,627	81,468,822	103,158,674
North America	Mideast	50,227	1,111,875	1,244,038	1,407,187	1,495,443	1,917,605	2,310,755	2,699,003	3,599,555	4,711,819	6,076,630
North America	North America	13,675,044	25,146,496	28,636,954	31,517,529	32,481,870	35,418,325	37,884,540	40,329,984	45,971,299	53,669,138	65,233,856
North America	South America	21,545,438	28,439,298	24,347,035	27,927,803	29,639,988	35,812,667	41,650,078	47,234,094	60,182,417	76,449,104	97,330,203
North America	Caribbean	149,457	332,158	341,576	371,687	384,016	454,103	516,870	569,981	689,974	841,939	1,044,496
South America	Africa	2,753,171	6,982,913	9,213,670	9,868,321	10,144,837	11,833,420	13,299,581	14,337,439	16,517,195	19,045,408	22,060,810
South America	Asia	165,305	4,796,452	4,820,182	5,011,237	5,145,057	5,819,170	6,466,028	6,960,779	7,514,324	7,963,580	8,393,980
South America	Europe	3,238,831	2,097,338	2,375,727	2,561,331	2,668,561	3,292,837	3,821,734	4,280,392	5,238,563	6,351,145	7,691,971
South America	Mideast	1,122,612	1,234,257	1,584,290	1,699,398	1,750,007	2,058,512	2,319,458	2,510,531	2,919,072	3,392,335	3,963,429
South America	North America	3,836,935	2,874,727	4,920,176	5,103,023	5,187,089	5,688,171	6,181,018	6,582,022	7,207,604	7,764,063	8,318,874
South America	South America	7,054,072	10,237,068	11,385,030	12,221,408	12,622,116	15,067,173	17,184,711	18,997,486	22,958,510	27,636,897	33,264,829
South America	Caribbean	1,334,441	1,270,855	1,367,732	1,493,931	1,573,733	1,882,584	2,085,392	2,252,937	2,591,168	2,962,924	3,392,062
Caribbean	Africa	81,967	49,922	51,626	51,986	52,349	55,051	56,678	58,103	60,044	61,791	63,729
Caribbean	Asia	42,346	1,282,975	1,260,786	1,290,395	1,319,459	1,502,395	1,633,271	1,733,888	1,859,142	1,941,836	2,008,845
Caribbean	Europe	2,826,860	4,769,558	4,775,290	4,873,054	4,983,276	5,683,114	6,178,228	6,564,868	7,057,140	7,393,512	7,678,378
Caribbean	Mideast	31,084	175,348	181,994	187,448	194,235	227,464	251,569	278,676	337,742	405,080	481,024
Caribbean	North America	1,638,169	1,195,861	2,545,762	2,558,789	2,562,713	2,605,313	2,634,112	2,649,138	2,653,968	2,642,711	2,618,155
Caribbean	South America	5,560,868	2,826,136	2,775,771	2,773,600	2,789,804	2,928,461	3,019,898	3,095,002	3,194,737	3,269,731	3,334,604
Caribbean	Caribbean	5,192,323	4,217,843	4,156,053	4,235,048	4,318,571	4,820,929	5,207,924	5,560,969	6,172,559	6,760,861	7,368,235
Total		**404,511,464**	**537,613,463**	**574,968,918**	**598,003,663**	**620,030,948**	**726,461,698**	**836,740,934**	**969,040,522**	**1,359,739,518**	**2,034,533,432**	**3,228,188,574**
Average Annual Growth Rate			**5.85%**	**2.26%**	**4.01%**	**3.68%**	**3.22%**	**2.87%**	**2.98%**	**3.45%**	**4.11%**	**4.72%**

WORLD Commodity Forecast For HI-TECH PRODUCTS
Sorted by DESTINATION, by Major Region, 1995-2050, Selected Years
(METRIC TONNES)

Destination	Origin	1995	2000	2003	2004	2005	2010	2015	2020	2030	2040	2050
Africa	Africa	8,316	14,356	12,431	13,748	15,215	22,464	23,934	26,027	31,530	40,905	56,450
Africa	Asia	56,726	92,939	84,294	88,018	94,502	142,861	200,626	279,302	535,241	1,034,572	2,035,025
Africa	Europe	110,991	147,818	136,072	154,025	175,141	300,812	401,721	523,588	884,647	1,552,030	2,888,577
Africa	Mideast	4,697	11,396	10,460	11,287	12,338	19,407	27,956	38,190	65,980	114,352	202,398
Africa	North America	3,705	4,108	3,609	3,750	3,887	5,183	6,531	8,234	13,715	24,706	49,364
Africa	South America	156	1,473	1,360	1,571	1,806	3,234	4,389	5,611	8,670	12,799	18,242
Africa	Caribbean	72	210	227	237	255	390	464	541	719	950	1,222
Asia	Africa	324	1,815	1,547	1,736	1,972	3,371	5,008	7,516	16,967	38,714	87,099
Asia	Asia	2,400,133	3,974,068	3,727,706	4,179,157	4,633,015	7,499,252	10,614,126	15,153,023	31,465,563	66,435,516	134,755,419
Asia	Europe	189,449	258,100	280,094	314,724	355,187	577,945	809,413	1,195,707	2,590,154	5,625,308	12,322,028
Asia	Mideast	3,981	9,243	8,643	9,597	10,602	17,044	24,413	34,732	68,741	135,569	268,254
Asia	North America	228,517	221,769	240,582	261,521	282,951	404,959	557,254	787,517	1,621,894	3,433,461	7,361,014
Asia	South America	1,307	8,253	8,494	9,726	11,130	19,431	29,362	47,495	116,658	275,285	638,202
Asia	Caribbean	501	317	327	370	418	692	989	1,432	2,908	5,821	11,506
Europe	Africa	7,737	17,852	21,401	23,203	25,562	39,522	49,709	60,131	84,935	116,547	156,762
Europe	Asia	1,259,731	2,291,207	2,455,820	2,632,068	2,774,212	3,962,186	5,133,175	6,433,628	9,702,202	14,198,567	20,428,550
Europe	Europe	436,575	990,779	1,139,179	1,238,270	1,380,946	2,187,851	2,948,169	3,845,024	6,299,934	10,068,541	15,805,010
Europe	Mideast	23,536	106,892	135,586	144,382	157,420	251,953	341,944	442,855	699,086	1,057,944	1,560,991
Europe	North America	102,112	151,256	166,986	172,702	182,307	241,432	288,225	344,425	500,693	750,009	1,168,325
Europe	South America	6,141	15,687	17,629	19,225	21,370	35,839	50,857	68,906	116,413	185,426	281,758
Europe	Caribbean	2,037	1,373	1,488	1,592	1,741	2,679	3,333	4,041	5,825	8,315	11,817
Mideast	Africa	2,590	4,365	4,012	4,508	5,096	7,567	9,134	11,193	16,940	25,897	40,566
Mideast	Asia	155,745	209,720	188,065	202,639	221,952	332,234	453,585	618,560	1,132,855	2,060,976	3,767,117
Mideast	Europe	91,508	206,345	211,840	243,080	279,510	480,271	669,952	916,680	1,667,817	2,944,753	5,019,365
Mideast	Mideast	11,848	25,128	23,546	26,560	30,091	47,889	63,733	83,922	143,397	243,964	422,109
Mideast	North America	5,103	8,958	8,762	9,082	9,625	13,010	16,032	19,248	27,082	37,153	49,851
Mideast	South America	228	250	257	288	325	530	720	943	1,513	2,311	3,417
Mideast	Caribbean	88	87	83	94	107	187	284	457	1,129	2,700	6,504
North America	Africa	313	376	723	827	947	1,547	2,030	2,565	3,900	5,706	8,110
North America	Asia	2,145,623	3,740,660	3,998,227	4,228,725	4,615,947	7,276,775	9,766,428	12,478,574	19,188,395	27,858,663	38,573,566
North America	Europe	106,623	123,684	151,010	161,559	180,275	282,629	363,220	449,224	661,854	946,505	1,323,006
North America	Mideast	1,948	5,385	4,549	5,064	5,646	8,666	10,741	12,871	17,863	24,071	31,749
North America	North America	1,769	5,953	6,769	7,588	8,335	12,406	16,366	20,626	31,678	47,010	68,018
North America	South America	6,658	26,365	36,689	41,464	47,548	79,094	113,442	152,202	254,432	402,990	613,162
North America	Caribbean	112	490	880	974	1,093	1,666	2,050	2,460	3,370	4,465	5,794
South America	Africa	44	87	72	81	91	148	186	227	337	502	769
South America	Asia	185,996	234,026	235,265	260,499	287,989	451,671	591,513	742,512	1,158,785	1,827,625	2,998,629
South America	Europe	37,159	62,838	70,641	80,424	91,737	152,629	187,494	221,682	303,646	410,191	549,693
South America	Mideast	849	1,679	1,470	1,651	1,796	2,706	3,390	4,052	5,598	7,523	9,945
South America	North America	127,093	175,875	129,924	141,790	152,018	216,025	281,458	358,192	594,702	1,036,997	1,936,368
South America	South America	18,155	47,959	57,409	63,791	71,019	108,972	131,068	153,181	205,448	273,124	362,828
South America	Caribbean	2,820	4,638	5,478	5,865	6,296	8,557	10,146	11,797	15,647	20,473	26,398
Caribbean	Africa	10	22	20	23	25	40	45	48	56	64	73
Caribbean	Asia	18,494	14,364	12,885	13,766	14,841	22,057	29,914	41,355	82,614	169,525	340,824
Caribbean	Europe	18,827	17,521	16,022	17,962	20,079	32,011	39,363	49,210	83,370	153,476	273,751
Caribbean	Mideast	139	456	430	459	521	780	921	1,021	1,304	1,622	1,949
Caribbean	North America	12,742	21,312	23,408	25,651	28,139	44,056	65,256	100,683	239,189	562,723	1,265,117
Caribbean	South America	7,360	16,077	15,272	16,468	17,871	25,626	29,559	33,806	44,001	58,049	79,579
Caribbean	Caribbean	7,218	7,571	7,707	7,691	7,704	8,046	8,635	9,851	14,801	25,178	46,985
Total		**7,813,807**	**13,283,103**	**13,665,356**	**14,849,482**	**16,248,602**	**25,356,299**	**34,388,259**	**45,805,064**	**80,734,199**	**144,269,573**	**257,933,258**
Average Annual Growth Rate			**11.20%**	**0.95%**	**8.67%**	**9.42%**	**9.31%**	**6.28%**	**5.90%**	**5.83%**	**5.98%**	**5.98%**

WORLD Commodity Forecast For INTERMEDIATE MANUFACTURED PRODUCTS
Sorted by DESTINATION, by Major Region, 1995-2050, Selected Years
(METRIC TONNES)

Destination	Origin	1995	2000	2003	2004	2005	2010	2015	2020	2030	2040	2050
Africa	Africa	3,352,582	2,794,890	2,797,420	2,859,820	2,903,207	3,216,737	3,572,904	4,071,553	5,463,519	7,812,323	12,157,590
Africa	Asia	1,012,108	4,451,323	4,676,441	5,085,660	5,469,232	8,087,873	10,521,714	13,515,882	22,476,233	38,752,786	69,460,555
Africa	Europe	9,114,319	10,407,734	11,076,861	12,171,364	13,035,244	18,457,390	23,967,795	30,205,566	45,978,571	68,348,077	99,171,390
Africa	Mideast	1,145,989	2,557,362	2,585,420	2,852,928	3,067,910	4,379,955	5,583,952	6,906,326	10,063,786	14,298,264	20,143,015
Africa	North America	73,110	48,465	55,120	53,999	52,743	60,484	67,170	73,502	87,189	102,895	121,362
Africa	South America	149,525	254,830	269,214	290,199	306,184	397,919	511,064	649,798	1,042,371	1,714,439	2,933,475
Africa	Caribbean	1,080	17,126	18,560	19,771	20,911	30,164	39,404	50,418	80,118	127,045	210,898
Asia	Africa	2,747,322	3,965,656	4,348,732	4,809,164	5,410,781	6,751,948	8,790,036	11,391,182	18,575,007	29,568,632	46,487,705
Asia	Asia	87,633,368	107,245,037	127,481,705	137,733,143	150,437,679	207,291,341	269,987,966	357,076,859	644,360,188	1,215,790,672	2,357,680,932
Asia	Europe	30,871,207	34,534,728	39,203,233	40,370,708	43,614,583	66,793,020	99,377,157	148,987,505	335,318,204	768,606,859	1,709,136,221
Asia	Mideast	3,712,506	3,383,145	3,688,764	3,958,779	4,220,398	5,676,200	7,752,157	10,874,014	21,760,970	44,030,974	86,917,877
Asia	North America	5,654,334	2,557,837	3,351,442	3,540,535	3,685,937	4,499,866	5,614,804	6,970,136	11,373,616	19,656,238	34,756,908
Asia	South America	6,755,492	6,025,884	6,024,444	5,981,717	6,020,660	6,658,631	7,642,803	9,139,524	15,498,590	30,912,906	64,654,571
Asia	Caribbean	43,726	30,431	30,028	32,554	34,685	43,925	58,081	78,448	144,992	266,364	469,196
Europe	Africa	2,505,337	4,547,877	5,943,542	6,582,207	6,858,754	7,600,502	8,560,636	9,415,695	11,455,349	14,134,184	17,603,561
Europe	Asia	5,318,220	14,045,304	18,983,777	19,894,449	20,900,593	27,769,082	33,555,845	39,221,589	52,588,795	70,376,836	95,595,888
Europe	Europe	35,740,945	45,820,023	56,489,521	59,600,756	63,100,134	86,370,862	109,322,438	131,614,415	182,622,839	247,943,882	332,469,633
Europe	Mideast	3,181,511	10,112,694	13,181,200	14,370,982	15,412,891	20,536,804	24,649,365	28,720,107	37,941,290	49,472,545	64,393,886
Europe	North America	2,793,029	2,187,288	3,219,098	3,360,316	3,520,304	4,272,109	5,208,469	6,068,942	8,013,888	10,516,814	13,920,484
Europe	South America	2,797,733	6,147,438	7,704,657	8,224,646	8,549,475	10,443,098	13,009,997	15,328,931	20,232,799	25,831,409	32,538,219
Europe	Caribbean	97,315	153,859	198,541	207,597	211,029	250,655	301,900	346,230	441,337	552,428	684,194
Mideast	Africa	806,663	858,832	880,007	989,885	1,063,231	1,343,244	1,714,283	2,274,493	4,063,374	7,623,805	15,342,810
Mideast	Asia	4,076,320	7,113,299	7,332,657	7,922,753	8,452,273	10,987,863	13,442,237	16,838,204	26,621,414	43,285,935	71,575,762
Mideast	Europe	12,615,998	14,478,144	16,432,920	17,833,952	19,104,280	26,423,915	33,278,185	42,123,911	66,051,109	101,701,146	153,044,072
Mideast	Mideast	7,278,053	9,026,771	9,162,141	9,874,768	10,491,086	13,125,870	15,000,612	17,650,856	24,733,997	35,296,500	50,639,360
Mideast	North America	209,779	118,106	124,506	129,136	129,107	159,307	184,755	209,931	271,769	355,604	468,684
Mideast	South America	407,663	273,480	294,684	312,028	326,255	380,157	442,397	543,259	877,781	1,513,383	2,737,639
Mideast	Caribbean	5,859	9,422	10,520	11,355	12,120	14,729	17,758	21,543	32,104	48,657	73,399
North America	Africa	977,037	1,776,944	1,448,615	1,638,647	1,736,483	1,588,173	1,542,131	1,495,950	1,559,861	1,742,388	2,025,298
North America	Asia	11,505,675	33,806,879	28,471,211	31,027,617	34,401,205	50,235,615	63,996,375	77,460,492	110,585,312	154,665,075	212,674,718
North America	Europe	18,629,485	27,050,467	18,550,882	20,409,897	22,729,665	33,083,188	42,730,942	52,040,606	74,698,249	104,437,276	143,003,204
North America	Mideast	961,003	2,959,298	3,280,116	3,735,141	4,233,485	5,597,724	6,856,180	8,066,043	11,019,159	14,866,880	19,793,727
North America	North America	4,307,976	4,783,540	5,190,590	5,803,712	6,465,984	8,354,750	10,319,972	12,233,368	17,033,586	23,515,529	32,101,488
North America	South America	9,607,850	16,692,612	16,949,232	18,887,834	21,215,379	29,436,805	38,210,709	46,913,084	68,633,435	97,556,941	135,316,281
North America	Caribbean	369,835	615,468	722,826	815,042	893,070	1,381,722	2,035,216	2,694,742	4,394,570	6,682,058	9,636,907
South America	Africa	148,528	102,674	120,875	141,979	151,442	187,544	221,399	249,684	300,614	351,281	410,268
South America	Asia	710,289	1,540,389	1,845,732	1,994,125	2,130,339	2,854,360	3,502,958	4,342,705	6,943,824	11,950,732	22,000,821
South America	Europe	2,015,264	2,841,369	3,482,186	3,845,182	4,173,508	5,752,434	6,848,937	8,040,771	11,011,816	15,200,952	21,462,192
South America	Mideast	45,460	122,462	131,951	144,728	155,626	210,801	267,495	327,728	469,137	659,057	918,634
South America	North America	1,608,725	1,332,442	1,247,641	1,341,095	1,400,864	1,740,705	2,027,858	2,303,881	2,939,674	3,741,159	4,764,834
South America	South America	4,093,776	3,906,782	4,647,686	4,896,053	5,115,070	6,375,808	7,425,453	8,610,896	11,711,040	16,450,138	24,137,278
South America	Caribbean	340,807	436,591	528,003	572,627	614,708	816,173	953,324	1,093,349	1,415,243	1,831,201	2,392,806
Caribbean	Africa	27,779	32,016	32,145	33,986	35,018	37,846	38,563	38,700	38,523	38,806	40,085
Caribbean	Asia	141,569	662,089	708,282	764,475	810,040	1,043,485	1,329,717	1,720,771	3,145,145	6,258,243	12,780,293
Caribbean	Europe	1,370,040	1,510,418	1,594,023	1,721,647	1,813,611	2,185,529	2,396,501	2,569,262	2,882,856	3,207,334	3,567,157
Caribbean	Mideast	91,226	306,100	305,449	324,507	334,948	352,858	361,352	361,845	354,864	349,266	350,387
Caribbean	North America	2,293,464	1,114,606	1,076,786	1,138,591	1,181,936	1,399,431	1,552,466	1,709,356	2,191,064	3,157,412	4,766,734
Caribbean	South America	1,760,574	3,416,075	3,693,129	3,892,580	4,020,453	4,733,742	5,287,691	6,157,246	9,397,154	16,856,977	33,710,292
Caribbean	Caribbean	894,976	2,041,998	2,213,539	2,360,516	2,452,108	2,909,278	3,296,035	3,835,977	5,701,112	9,832,051	19,078,170
Total		**292,002,432**	**400,218,205**	**441,806,056**	**474,565,154**	**512,476,629**	**702,301,619**	**903,377,158**	**1,152,635,278**	**1,914,597,437**	**3,341,992,359**	**6,060,320,860**
Average Annual Growth Rate			**6.51%**	**3.35%**	**7.41%**	**7.99%**	**6.50%**	**5.16%**	**4.99%**	**5.21%**	**5.73%**	**6.13%**

WORLD Commodity Forecast For MATERIALS
Sorted by DESTINATION, by Major Region, 1995-2050, Selected Years
(METRIC TONNES)

Destination	Origin	1995	2000	2003	2004	2005	2010	2015	2020	2030	2040	2050
Africa	Africa	316,523	437,153	460,543	460,797	461,661	466,139	490,006	548,653	790,211	1,367,128	2,742,213
Africa	Asia	633,172	1,017,261	1,086,720	1,100,702	1,127,469	1,412,298	1,837,697	2,608,972	5,682,651	12,804,064	29,138,549
Africa	Europe	1,636,867	2,198,689	2,326,337	2,392,808	2,449,946	2,902,444	3,299,068	3,694,832	4,596,172	5,776,101	7,315,136
Africa	Mideast	90,491	198,995	203,079	206,862	209,655	234,159	258,601	286,249	368,929	538,805	922,868
Africa	North America	232,714	136,940	153,960	160,223	164,200	215,078	319,995	536,253	1,436,645	3,661,852	9,254,988
Africa	South America	107,609	109,933	106,385	100,708	96,375	83,652	81,405	89,098	124,089	202,383	384,541
Africa	Caribbean	636	2,388	2,298	2,291	2,300	2,386	2,390	2,398	2,443	2,544	2,707
Asia	Africa	544,982	746,851	849,162	865,214	886,503	986,296	1,112,566	1,331,941	2,047,888	3,586,004	7,105,279
Asia	Asia	23,492,851	37,178,215	43,328,164	45,208,638	47,089,493	58,874,721	70,813,885	91,129,072	158,655,626	293,538,238	563,817,743
Asia	Europe	5,239,026	9,739,538	11,824,774	12,104,337	12,437,969	14,291,023	16,792,278	20,968,229	35,771,153	69,285,133	146,253,925
Asia	Mideast	196,289	435,089	431,991	436,311	441,006	502,017	608,543	816,481	1,663,356	3,722,327	8,757,166
Asia	North America	16,429,106	16,308,008	19,795,843	19,888,338	19,273,490	16,256,891	14,219,513	13,790,712	13,305,438	13,261,405	13,806,778
Asia	South America	1,660,746	2,592,068	3,731,878	3,734,073	3,721,199	3,549,361	3,390,493	3,587,025	4,048,700	4,871,761	7,009,508
Asia	Caribbean	15,577	22,968	29,895	29,135	29,045	36,076	40,396	46,682	64,268	90,217	128,465
Europe	Africa	597,163	903,459	1,139,351	1,178,230	1,180,347	1,002,852	940,794	958,366	1,014,207	1,098,961	1,230,065
Europe	Asia	3,578,283	5,670,470	7,351,493	7,388,923	7,435,553	8,344,543	9,147,444	10,307,271	14,138,586	21,608,082	37,381,857
Europe	Europe	17,083,821	23,071,511	27,295,278	27,076,729	26,361,159	24,017,527	22,614,808	23,531,474	25,611,659	27,326,203	29,321,355
Europe	Mideast	371,078	698,069	838,092	889,002	936,442	994,924	1,068,659	1,157,056	1,402,519	1,799,987	2,488,859
Europe	North America	8,510,150	8,013,173	8,532,267	8,892,263	8,817,173	6,166,026	5,002,603	4,838,454	4,806,202	5,144,609	5,957,244
Europe	South America	2,306,286	3,314,622	4,926,438	5,148,852	5,186,606	4,570,718	4,157,658	4,195,760	4,372,649	4,739,129	5,386,952
Europe	Caribbean	28,553	50,857	70,537	71,582	72,635	78,251	80,971	85,073	97,324	116,363	144,168
Mideast	Africa	77,706	153,793	161,329	167,890	176,076	186,723	200,101	223,268	286,175	381,355	534,251
Mideast	Asia	1,927,791	2,805,979	3,032,137	3,198,246	3,308,395	3,979,545	4,705,142	5,867,778	10,078,910	19,550,930	41,716,238
Mideast	Europe	2,296,135	3,282,231	3,834,378	4,032,696	4,246,434	5,299,242	6,133,726	7,175,260	9,807,110	13,420,976	18,549,737
Mideast	Mideast	346,806	537,633	556,245	579,888	599,919	656,706	727,706	817,390	1,053,720	1,416,375	1,949,133
Mideast	North America	643,403	507,484	509,714	515,520	518,629	512,273	509,215	526,400	568,697	623,351	695,875
Mideast	South America	202,630	157,869	173,358	175,814	179,242	182,293	187,523	200,355	235,907	286,314	355,116
Mideast	Caribbean	964	1,687	2,017	2,067	2,109	2,322	2,573	2,863	3,621	4,572	5,565
North America	Africa	96,835	46,317	62,413	58,287	56,727	59,344	62,382	66,047	76,143	89,719	106,581
North America	Asia	3,280,434	5,913,761	7,555,241	7,603,646	7,838,762	8,997,671	9,724,736	10,333,738	12,048,621	14,268,166	16,764,818
North America	Europe	2,366,517	3,671,841	4,741,032	4,717,512	4,820,840	5,156,037	5,379,931	5,672,574	6,526,288	7,642,908	8,965,088
North America	Mideast	44,369	144,958	191,243	203,943	217,873	261,185	281,522	306,184	370,587	455,868	564,190
North America	North America	1,332,161	1,309,437	1,291,110	1,390,357	1,459,255	1,659,309	1,793,278	1,901,415	2,167,317	2,512,293	2,944,168
North America	South America	1,509,243	2,227,848	3,258,901	3,258,718	3,346,910	4,091,425	4,335,406	4,553,774	5,079,774	5,761,636	6,613,660
North America	Caribbean	60,068	70,076	100,072	95,607	95,781	104,309	112,678	120,168	135,550	153,479	175,601
South America	Africa	64,443	53,414	65,848	67,769	69,147	79,801	87,433	94,434	107,401	124,218	154,360
South America	Asia	335,773	585,991	709,720	747,529	784,607	1,027,808	1,143,993	1,307,799	1,907,226	3,327,940	6,755,690
South America	Europe	723,103	1,063,215	1,430,550	1,505,202	1,579,469	1,982,056	2,270,982	2,549,712	3,155,012	3,890,386	4,797,458
South America	Mideast	9,555	8,578	10,547	11,321	11,899	16,503	17,980	19,136	21,578	29,577	53,195
South America	North America	2,820,106	2,563,384	2,475,730	2,480,941	2,465,801	2,495,850	2,531,674	2,635,632	2,914,850	3,286,032	3,756,173
South America	South America	853,117	1,322,695	1,631,296	1,671,804	1,720,333	2,002,638	2,301,624	2,756,056	4,258,363	7,234,710	13,191,919
South America	Caribbean	102,312	121,781	142,334	140,457	138,937	139,180	141,203	147,526	158,517	169,703	182,650
Caribbean	Africa	2,604	9,911	10,669	11,220	11,523	12,513	13,327	13,988	15,157	16,656	18,965
Caribbean	Asia	142,497	292,765	287,446	293,386	302,380	387,944	555,431	796,373	1,694,987	3,586,742	7,451,077
Caribbean	Europe	170,413	200,277	206,283	213,932	219,114	234,865	251,522	269,336	303,601	344,379	399,638
Caribbean	Mideast	1,343	3,523	3,588	3,635	3,666	3,662	3,757	3,843	4,021	4,448	5,562
Caribbean	North America	589,248	694,661	1,045,446	1,109,584	1,182,761	1,681,174	2,517,681	3,634,980	7,631,705	15,632,048	30,820,278
Caribbean	South America	193,727	405,669	373,060	388,057	402,780	476,755	598,027	767,870	1,366,422	2,545,227	4,728,198
Caribbean	Caribbean	119,811	216,409	201,676	207,163	212,386	246,359	301,689	392,677	758,156	1,469,794	2,540,793
Total		**103,385,039**	**141,219,441**	**168,547,871**	**172,188,208**	**174,351,979**	**186,922,873**	**203,172,014**	**237,666,623**	**352,736,133**	**582,771,096**	**1,053,346,341**
Average Annual Growth Rate			**6.44%**	**6.07%**	**2.16%**	**1.26%**	**1.40%**	**1.68%**	**3.19%**	**4.03%**	**5.15%**	**6.10%**

WORLD Commodity Forecast For ALL COMMODITIES
Sorted by DESTINATION, by Major Region, 1995-2050, Selected Years
(METRIC TONNES)

Destination	Origin	1995	2000	2003	2004	2005	2010	2015	2020	2030	2040	2050
Africa	Africa	16,119,815	18,570,062	18,705,672	19,173,593	19,548,245	22,329,642	25,201,003	29,686,727	44,641,008	71,327,388	118,358,623
Africa	Asia	6,980,958	16,210,057	16,758,227	17,466,196	18,179,117	23,358,079	28,654,512	36,082,458	60,964,451	111,959,012	221,478,744
Africa	Europe	40,390,256	53,630,793	54,621,647	58,359,651	61,592,738	81,148,734	101,240,266	127,913,219	211,460,989	377,423,214	740,914,107
Africa	Mideast	24,843,427	45,663,523	45,676,956	46,772,370	47,215,961	50,723,615	54,629,261	61,680,805	81,122,794	114,652,414	176,732,786
Africa	North America	7,366,710	6,351,903	6,737,899	7,037,992	7,237,956	8,294,344	9,294,045	10,400,161	13,188,430	17,716,936	26,621,064
Africa	South America	6,983,325	14,161,923	14,039,247	14,644,126	15,269,125	18,447,577	20,945,965	23,488,798	28,973,814	35,362,891	43,688,978
Africa	Caribbean	434,831	546,595	546,714	577,993	609,287	817,871	1,063,973	1,468,168	3,017,578	6,617,716	13,831,087
Asia	Africa	49,626,221	76,567,021	79,636,623	83,997,195	90,550,075	109,504,337	124,808,720	144,909,012	205,787,188	310,283,263	485,566,365
Asia	Asia	830,112,869	1,118,373,970	1,194,236,621	1,272,841,839	1,352,561,453	1,657,775,953	1,898,712,592	2,260,262,964	3,447,796,973	5,717,323,287	10,046,217,613
Asia	Europe	94,357,313	120,763,061	133,702,791	140,501,149	149,492,927	202,909,651	263,436,137	350,962,048	658,362,252	1,326,520,812	2,731,292,100
Asia	Mideast	551,618,152	662,116,141	633,952,983	662,978,048	657,938,526	664,269,853	653,802,950	701,817,129	880,261,725	1,202,217,564	1,751,641,316
Asia	North America	168,064,835	137,693,263	145,913,294	151,004,865	153,073,719	161,775,300	166,311,968	174,932,536	202,616,239	244,581,385	326,050,436
Asia	South America	89,515,396	111,935,984	123,243,619	136,868,118	149,287,911	180,175,047	204,838,012	239,349,423	345,386,758	533,970,901	880,592,267
Asia	Caribbean	1,748,122	1,866,386	2,129,800	2,272,467	2,431,359	3,474,472	4,211,059	5,130,192	7,388,277	10,719,037	15,607,710
Europe	Africa	174,787,782	210,918,747	246,398,810	252,792,731	256,339,051	273,083,816	270,805,279	275,011,643	290,526,369	312,884,425	340,286,312
Europe	Asia	98,467,002	141,446,301	166,540,668	173,876,750	181,964,611	203,689,723	214,748,996	229,160,795	268,601,172	328,863,887	424,160,492
Europe	Europe	438,571,984	552,209,847	621,310,371	634,647,887	651,516,950	736,910,196	771,183,663	814,607,020	926,963,664	1,081,261,133	1,287,257,309
Europe	Mideast	169,087,559	199,826,171	244,104,981	249,746,854	254,919,623	286,885,558	289,409,056	298,313,322	323,867,353	358,993,605	404,304,785
Europe	North America	116,359,650	94,357,459	88,265,861	90,912,101	94,106,663	98,282,364	97,895,952	100,317,496	107,833,688	119,793,550	137,499,173
Europe	South America	123,881,263	166,791,773	188,140,161	185,375,151	190,181,906	225,399,917	233,294,751	241,392,817	263,969,619	291,597,938	325,164,234
Europe	Caribbean	10,319,536	15,106,302	16,875,241	17,682,432	18,444,789	22,394,400	24,329,931	26,053,989	29,763,734	33,851,531	38,337,559
Mideast	Africa	15,964,486	27,993,726	28,611,237	29,637,624	31,224,288	40,834,093	43,343,251	47,676,548	60,070,612	77,964,999	104,142,452
Mideast	Asia	24,574,957	40,378,634	41,236,358	43,506,302	45,702,488	55,331,596	63,956,647	75,639,772	108,878,592	165,477,976	269,840,988
Mideast	Europe	55,837,663	93,700,659	100,972,535	106,934,682	112,374,690	140,012,009	162,197,865	190,939,726	267,972,895	381,434,152	553,016,850
Mideast	Mideast	42,295,785	56,535,021	58,412,028	60,299,301	61,396,153	65,761,444	67,657,100	74,502,725	94,400,128	126,253,725	173,204,151
Mideast	North America	9,784,617	7,141,269	7,315,863	7,559,351	7,887,963	9,524,833	10,414,314	11,433,056	13,806,034	16,575,365	19,764,212
Mideast	South America	12,873,829	23,105,036	23,508,853	24,249,901	25,371,146	31,376,200	34,152,380	38,097,357	48,316,209	61,734,037	78,142,615
Mideast	Caribbean	261,644	532,693	564,951	589,456	612,345	708,272	771,122	854,853	1,054,180	1,311,639	1,636,337
North America	Africa	22,056,850	28,294,330	32,290,099	37,183,274	40,556,192	52,640,486	55,809,602	57,806,795	62,877,536	69,112,430	76,416,329
North America	Asia	59,268,697	103,309,700	101,597,810	107,681,260	116,459,281	157,519,494	187,477,705	216,878,919	289,826,523	384,710,137	504,636,031
North America	Europe	59,763,537	98,703,985	111,082,832	120,701,969	128,340,979	158,481,350	179,362,071	198,590,515	247,213,675	311,360,084	392,517,396
North America	Mideast	5,530,958	11,140,093	13,490,306	15,040,114	16,198,402	19,920,109	22,161,903	24,272,021	29,380,744	35,887,998	43,954,308
North America	North America	133,578,195	175,414,217	208,938,211	227,360,830	237,075,625	270,595,095	289,423,256	303,132,407	337,121,983	379,242,435	433,893,490
North America	South America	144,736,642	188,742,510	201,087,815	220,354,069	235,088,652	277,068,374	303,303,956	323,794,532	374,388,270	439,630,681	522,046,966
North America	Caribbean	3,381,194	5,411,351	6,378,759	6,749,349	7,083,814	8,563,701	9,884,111	11,033,392	13,844,113	17,415,689	21,839,882
South America	Africa	7,352,106	12,404,419	15,762,403	16,509,515	17,281,858	20,366,812	22,121,008	23,531,827	26,696,272	30,350,741	34,593,543
South America	Asia	18,104,142	30,107,624	33,509,443	35,053,719	36,960,995	43,186,230	46,997,256	50,676,408	60,103,623	76,408,315	106,475,481
South America	Europe	16,239,675	19,819,191	24,347,217	26,043,025	27,681,782	36,136,170	40,854,986	45,229,569	54,983,435	66,943,951	82,152,203
South America	Mideast	14,770,972	11,652,107	14,556,779	13,450,090	13,427,695	13,155,081	12,885,760	13,271,997	14,443,072	16,032,074	18,003,658
South America	North America	37,002,408	36,518,821	40,054,102	41,745,697	42,957,909	49,042,574	53,411,507	57,701,122	67,989,103	82,022,131	101,103,903
South America	South America	46,188,044	63,572,443	72,463,289	74,385,473	77,867,282	92,356,073	100,912,055	109,931,425	131,447,530	159,977,375	200,493,079
South America	Caribbean	4,256,565	5,359,606	5,940,751	6,210,064	6,423,929	7,492,678	8,098,262	8,639,149	9,780,636	11,110,065	12,715,732
Caribbean	Africa	418,792	625,039	628,356	629,000	628,529	634,016	637,546	647,949	691,945	775,900	924,319
Caribbean	Asia	1,202,419	4,717,962	4,931,544	5,184,879	5,442,832	6,267,474	7,207,580	8,449,421	12,867,081	22,192,430	40,976,192
Caribbean	Europe	17,537,114	39,360,656	40,073,516	44,449,646	46,573,321	53,459,040	59,116,537	64,158,825	69,605,705	72,759,131	75,919,833
Caribbean	Mideast	713,247	1,113,130	1,124,840	1,195,249	1,235,473	1,327,840	1,409,629	1,499,104	1,666,235	1,899,862	2,300,824
Caribbean	North America	10,683,203	12,374,610	14,790,806	14,871,001	14,933,453	15,494,072	16,559,534	18,140,498	23,692,694	34,238,695	53,267,937
Caribbean	South America	23,990,571	53,968,628	53,627,164	56,387,578	59,331,838	80,567,147	119,979,603	199,611,959	572,140,801	1,502,706,269	3,801,402,272
Caribbean	Caribbean	8,376,600	11,531,370	11,478,597	12,005,891	12,426,382	14,732,134	17,284,982	20,976,955	33,750,358	58,960,972	107,418,436
Total		**3,816,381,917**	**4,928,636,115**	**5,310,314,649**	**5,575,497,817**	**5,801,007,291**	**6,754,204,846**	**7,396,209,616**	**8,350,059,549**	**11,431,504,060**	**17,212,411,148**	**28,368,402,479**
Average Annual Growth Rate			**5.25%**	**2.52%**	**4.99%**	**4.04%**	**3.09%**	**1.83%**	**2.46%**	**3.19%**	**4.18%**	**5.12%**

Containerized World Commodity by Origin (Metric Tonnes)

Containerized WORLD Commodity Forecast For AGRICULTURE COMMODITIES
Sorted by ORIGIN, by Major Region, 1995-2050, Selected Years
(METRIC TONNES)

Origin	Destination	1995	2000	2003	2004	2005	2010	2015	2020	2030	2040	2050
Africa	Africa	126,675	214,318	238,600	242,992	246,585	272,605	299,894	362,205	581,110	1,083,272	2,275,484
Africa	Asia	281,097	485,481	537,331	555,878	572,896	716,136	832,607	1,003,570	1,570,624	2,716,790	4,850,769
Africa	Europe	1,509,157	1,765,752	1,980,018	2,001,308	2,023,971	2,148,892	2,237,473	2,285,468	2,441,558	2,676,151	3,053,415
Africa	Mideast	525,655	659,764	725,519	754,344	781,826	902,920	988,489	1,136,983	1,431,062	1,792,077	2,207,646
Africa	North America	25,024	64,714	63,278	61,399	61,447	63,277	64,325	64,808	65,167	65,491	66,392
Africa	South America	4,447	5,450	6,682	6,653	6,715	7,149	7,233	8,041	8,880	9,720	10,569
Africa	Caribbean	1,579	4,379	4,820	5,159	5,509	7,568	10,257	13,719	25,617	49,134	94,100
Asia	Africa	206,205	363,976	373,482	384,210	391,532	439,162	523,615	634,346	1,202,951	2,577,500	5,877,924
Asia	Asia	7,327,402	10,113,987	10,581,493	10,927,473	11,050,055	12,619,069	14,213,342	16,584,564	23,381,429	34,968,500	51,818,542
Asia	Europe	1,885,286	2,846,559	3,170,060	3,154,137	3,124,979	2,863,330	2,682,623	2,630,462	2,582,533	2,636,708	2,764,746
Asia	Mideast	1,102,544	1,341,153	1,386,505	1,447,397	1,483,685	1,728,251	1,892,010	2,092,623	2,517,897	3,011,175	3,590,023
Asia	North America	705,462	1,070,191	1,282,383	1,298,141	1,357,098	1,428,141	1,487,936	1,364,408	1,540,781	1,752,132	1,990,571
Asia	South America	102,866	90,455	120,307	126,187	131,556	156,338	168,894	189,171	226,088	270,533	337,066
Asia	Caribbean	7,351	33,083	36,723	37,616	38,486	42,602	46,436	52,262	72,964	120,145	214,679
Europe	Africa	517,552	840,391	836,790	897,737	946,798	1,214,483	1,394,109	1,610,669	2,179,969	3,139,504	5,088,158
Europe	Asia	1,129,995	1,275,076	1,421,800	1,499,382	1,568,970	1,872,885	2,121,361	2,431,395	3,136,732	4,105,219	5,369,844
Europe	Europe	2,946,713	4,399,423	4,826,945	4,971,036	5,141,573	5,937,624	6,354,580	6,968,447	8,011,677	9,495,399	11,904,927
Europe	Mideast	553,370	1,052,282	1,102,309	1,155,728	1,200,707	1,433,495	1,586,612	1,732,199	2,108,948	2,552,307	3,038,968
Europe	North America	218,895	553,073	697,214	688,421	685,676	779,556	808,664	776,959	814,867	871,121	936,266
Europe	South America	165,867	233,725	296,824	312,200	329,622	405,317	436,975	480,487	545,360	612,339	674,551
Europe	Caribbean	112,727	170,302	164,920	178,057	189,497	242,204	263,138	278,422	303,938	328,051	353,311
Mideast	Africa	72,319	111,694	122,679	128,852	134,824	175,042	197,931	222,770	279,194	353,137	470,088
Mideast	Asia	219,478	536,746	585,809	616,318	653,707	837,489	969,120	1,115,637	1,464,723	1,915,132	2,486,273
Mideast	Europe	1,293,082	1,330,502	1,335,481	1,403,095	1,432,425	1,608,268	1,703,867	1,785,613	1,975,889	2,230,230	2,541,511
Mideast	Mideast	1,477,532	1,924,936	2,113,233	2,247,418	2,391,435	3,150,419	3,577,816	4,068,606	5,128,900	6,389,900	7,897,552
Mideast	North America	34,173	36,539	34,780	36,832	38,486	43,834	47,463	47,183	51,960	57,719	64,562
Mideast	South America	15,756	26,385	30,950	31,608	32,678	38,275	40,096	41,813	44,969	48,160	53,038
Mideast	Caribbean	733	1,694	1,841	2,008	2,117	2,483	2,559	2,606	2,714	2,814	2,917
North America	Africa	24,252	33,571	49,063	50,349	50,979	57,528	62,753	67,555	76,343	84,861	93,126
North America	Asia	4,755,483	3,333,091	4,346,165	4,714,314	4,831,926	5,569,045	6,047,726	6,522,683	7,694,348	9,094,313	11,162,219
North America	Europe	1,560,773	1,455,691	1,188,621	1,244,257	1,228,926	1,243,340	1,279,756	1,310,978	1,399,380	1,519,246	1,669,062
North America	Mideast	98,717	262,458	449,028	463,236	467,110	602,288	684,379	761,252	935,999	1,137,800	1,357,414
North America	North America	132,031	249,421	129,714	131,702	132,372	127,221	129,800	135,807	157,657	187,562	223,175
North America	South America	354,991	354,771	461,086	465,924	481,891	552,224	590,232	632,644	706,262	779,206	854,691
North America	Caribbean	227,374	304,989	325,898	338,054	349,045	391,157	411,323	425,877	450,437	472,047	490,717
South America	Africa	90,553	124,718	122,178	127,574	131,920	160,321	197,824	256,781	475,368	977,114	2,197,950
South America	Asia	788,642	922,175	1,018,834	1,028,835	1,014,203	1,093,852	1,120,879	1,182,803	1,341,702	1,501,904	1,788,230
South America	Europe	2,957,824	3,650,434	4,291,648	4,497,386	4,583,197	5,500,155	5,880,247	5,412,879	5,985,031	6,698,360	7,640,288
South America	Mideast	260,922	393,505	429,256	469,624	510,000	672,633	847,949	1,104,083	2,014,151	3,642,091	5,966,259
South America	North America	1,012,862	1,654,040	2,358,275	2,364,765	2,422,543	2,568,439	2,660,747	2,710,846	2,945,872	3,223,243	3,530,763
South America	South America	479,839	575,615	681,243	710,368	754,807	961,016	1,081,437	1,201,557	1,446,136	1,730,721	2,103,388
South America	Caribbean	106,532	168,767	169,022	179,572	190,195	247,214	301,943	367,483	584,034	1,010,727	1,850,461
Caribbean	Africa	6,626	7,015	7,108	7,751	8,408	13,384	21,768	37,917	105,856	273,749	617,041
Caribbean	Asia	87,397	119,620	130,272	131,644	124,528	130,966	125,454	124,907	132,439	151,076	184,672
Caribbean	Europe	750,954	716,646	850,558	912,216	944,714	991,656	1,048,348	1,082,508	1,150,362	1,257,600	1,434,548
Caribbean	Mideast	12,107	37,344	41,522	42,670	43,486	47,166	50,700	59,882	74,954	93,039	112,294
Caribbean	North America	241,944	542,049	582,908	599,311	605,441	515,070	491,660	448,053	356,126	275,200	210,403
Caribbean	South America	38,446	43,866	48,314	48,748	49,330	53,158	55,020	62,635	71,274	80,504	90,068
Caribbean	Caribbean	86,133	347,477	349,786	383,684	418,186	614,642	837,276	1,113,240	2,085,053	4,024,308	7,767,136
Total		**36,643,344**	**46,849,291**	**52,109,278**	**54,083,571**	**55,368,060**	**63,249,291**	**68,886,643**	**75,007,807**	**93,887,289**	**124,045,034**	**171,377,795**
Average Annual Growth Rate			**5.04%**	**3.61%**	**3.79%**	**2.38%**	**2.70%**	**1.72%**	**1.72%**	**2.27%**	**2.82%**	**3.29%**

Containerized WORLD Commodity Forecast For CAPITAL EQUIPMENT
Sorted by ORIGIN, by Major Region, 1995-2050, Selected Years
(METRIC TONNES)

Origin	Destination	1995	2000	2003	2004	2005	2010	2015	2020	2030	2040	2050
Africa	Africa	96,105	126,665	106,472	116,666	128,880	191,366	215,757	242,462	308,061	401,612	537,918
Africa	Asia	16,204	28,037	25,718	28,236	31,784	52,318	73,223	104,385	215,051	445,570	903,582
Africa	Europe	120,459	221,349	325,170	360,472	396,181	588,916	714,549	828,508	1,079,051	1,369,691	1,703,926
Africa	Mideast	10,249	18,489	15,888	17,612	19,495	28,605	33,134	39,078	55,283	80,666	120,581
Africa	North America	30,762	67,183	92,827	104,089	118,089	189,300	236,926	283,363	393,436	529,511	692,012
Africa	South America	5,571	5,018	5,546	6,320	7,087	11,011	13,218	15,267	20,220	26,452	34,074
Africa	Caribbean	266	1,343	1,189	1,323	1,473	2,156	2,295	2,385	2,579	2,793	3,030
Asia	Africa	284,339	488,247	482,362	502,452	535,654	820,875	1,221,702	1,882,675	4,491,015	10,603,040	24,739,149
Asia	Asia	7,310,565	8,876,448	10,610,475	11,555,946	12,642,628	18,302,201	24,871,648	34,674,351	69,651,822	143,297,321	236,934,584
Asia	Europe	1,830,482	4,065,969	5,316,043	5,509,166	5,811,493	8,077,592	9,774,807	11,559,574	16,203,669	23,006,064	33,148,872
Asia	Mideast	606,910	1,037,295	1,000,748	1,064,038	1,155,974	1,622,359	2,087,160	2,797,700	5,206,759	10,112,115	20,690,737
Asia	North America	4,975,587	6,437,685	7,764,022	8,489,074	9,288,887	13,602,661	16,730,335	19,779,645	27,126,874	36,407,430	47,599,960
Asia	South America	315,412	475,552	562,150	612,370	662,405	917,441	1,100,178	1,314,008	1,968,350	3,181,959	5,567,219
Asia	Caribbean	70,556	121,797	119,942	127,520	136,290	194,061	277,963	404,298	902,348	1,994,063	4,099,854
Europe	Africa	786,132	1,197,410	1,105,007	1,232,325	1,398,401	2,406,563	3,160,001	3,893,149	5,785,932	8,488,641	12,331,757
Europe	Asia	2,766,791	2,609,570	2,726,602	3,047,573	3,440,554	5,627,254	8,017,707	11,870,943	26,181,387	58,080,326	124,166,715
Europe	Europe	2,626,645	4,288,743	5,181,418	5,587,312	6,103,459	8,758,194	10,816,445	12,858,418	17,658,846	23,936,539	32,236,215
Europe	Mideast	1,000,378	1,492,941	1,493,062	1,695,281	1,931,274	3,177,490	3,988,888	4,957,961	7,662,395	11,774,969	17,777,154
Europe	North America	1,974,685	2,761,630	2,863,522	3,140,201	3,494,169	5,251,520	6,687,576	8,162,927	11,707,986	16,209,956	21,737,246
Europe	South America	654,231	947,516	1,106,144	1,273,445	1,458,642	2,441,419	2,938,911	3,370,201	4,411,444	5,742,293	7,431,746
Europe	Caribbean	139,846	183,088	163,001	182,826	205,074	311,576	337,508	359,242	406,482	460,169	519,251
Mideast	Africa	45,073	74,401	65,742	72,733	80,868	132,504	197,174	296,124	668,849	1,502,236	3,407,571
Mideast	Asia	30,683	69,020	66,541	73,778	82,170	131,149	178,572	241,180	441,355	813,482	1,492,120
Mideast	Europe	175,484	397,435	505,442	551,673	598,240	925,526	1,146,389	1,356,468	1,841,199	2,451,879	3,235,483
Mideast	Mideast	103,974	197,405	185,347	209,475	236,778	384,661	517,589	709,886	1,371,506	2,761,233	5,886,436
Mideast	North America	32,104	47,691	55,708	59,256	66,692	108,116	137,494	165,679	233,843	320,888	428,353
Mideast	South America	8,146	11,388	12,309	13,552	14,841	19,801	21,791	23,761	29,397	37,923	49,880
Mideast	Caribbean	1,540	4,328	3,928	4,213	4,614	6,072	8,574	13,350	33,731	84,707	213,735
North America	Africa	58,762	44,742	62,823	63,128	65,829	83,904	102,726	124,928	202,474	339,553	533,912
North America	Asia	1,357,717	1,145,332	1,218,398	1,306,254	1,380,281	1,761,551	2,234,450	2,805,004	4,522,486	7,668,891	13,636,267
North America	Europe	768,153	955,791	1,057,571	1,131,524	1,214,879	1,639,257	1,938,700	2,214,529	2,873,493	3,775,659	4,967,287
North America	Mideast	58,351	66,091	55,234	57,048	59,785	73,798	84,474	92,782	109,146	125,957	144,445
North America	North America	13,061	34,254	22,211	24,844	26,546	34,602	40,590	44,997	54,107	63,737	74,222
North America	South America	748,123	696,502	567,023	615,688	637,548	792,803	900,496	980,095	1,158,618	1,366,387	1,604,028
North America	Caribbean	88,905	105,635	107,234	109,220	112,056	127,081	127,368	128,579	136,720	151,384	170,439
South America	Africa	20,484	22,893	24,054	25,501	28,126	44,531	56,762	69,554	104,150	159,177	255,543
South America	Asia	77,356	70,448	93,564	100,958	111,504	159,704	221,537	319,412	680,228	1,473,133	3,087,936
South America	Europe	149,011	260,560	381,073	414,155	446,040	614,970	758,943	888,852	1,179,983	1,532,060	1,959,422
South America	Mideast	13,157	16,305	19,168	21,234	23,841	37,775	51,296	68,376	120,530	210,706	367,608
South America	North America	569,218	833,817	1,106,305	1,236,255	1,298,508	1,799,391	2,233,727	2,650,110	3,642,338	4,860,053	6,312,527
South America	South America	154,476	191,711	239,848	268,659	299,068	470,306	558,661	639,672	835,865	1,094,025	1,424,116
South America	Caribbean	33,626	49,905	46,973	52,259	58,227	89,860	108,828	134,853	225,002	418,313	859,059
Caribbean	Africa	343	1,709	1,760	1,863	1,984	2,625	3,087	3,580	4,785	6,322	8,220
Caribbean	Asia	3,799	1,448	1,753	1,914	2,118	3,234	4,408	6,167	12,286	24,868	51,361
Caribbean	Europe	9,657	17,217	26,976	28,292	29,202	33,888	35,727	38,524	47,545	60,662	76,755
Caribbean	Mideast	227	2,230	2,459	2,695	2,960	3,832	4,303	4,943	6,763	9,434	13,186
Caribbean	North America	432	2,157	2,139	2,456	2,801	4,477	5,743	7,013	10,160	14,325	19,695
Caribbean	South America	6,443	11,075	13,396	15,111	17,164	27,768	33,195	37,521	47,085	58,415	71,858
Caribbean	Caribbean	11,121	17,907	16,434	18,131	19,966	28,671	31,878	34,684	40,381	46,622	53,542
Total		**30,161,601**	**40,801,371**	**47,028,723**	**51,136,117**	**55,890,528**	**82,116,732**	**105,044,410**	**133,501,161**	**222,073,016**	**387,583,211**	**643,380,588**
Average Annual Growth Rate			**6.23%**	**4.85%**	**8.73%**	**9.30%**	**8.00%**	**5.05%**	**4.91%**	**5.22%**	**5.73%**	**5.20%**

Containerized WORLD Commodity Forecast For CHEMICALS
Sorted by ORIGIN, by Major Region, 1995-2050, Selected Years
(METRIC TONNES)

Origin	Destination	1995	2000	2003	2004	2005	2010	2015	2020	2030	2040	2050
Africa	Africa	218,342	423,716	446,549	468,440	489,593	625,976	855,441	1,282,437	2,974,035	7,041,453	17,145,922
Africa	Asia	263,457	449,501	497,452	542,451	591,477	858,967	1,160,606	1,569,819	2,926,045	5,670,506	11,286,619
Africa	Europe	133,825	263,492	314,367	329,220	341,850	436,366	504,269	563,426	694,550	857,889	1,060,963
Africa	Mideast	43,133	68,741	72,763	79,115	86,048	128,270	184,991	289,367	698,127	1,668,317	3,902,797
Africa	North America	24,646	49,318	63,773	68,154	75,247	95,709	118,151	138,483	190,045	258,913	349,336
Africa	South America	25,196	21,268	27,949	30,108	31,859	40,920	45,969	50,506	60,279	71,283	83,952
Africa	Caribbean	824	5,655	5,995	6,267	6,529	7,750	8,410	9,033	10,355	11,944	13,823
Asia	Africa	345,604	668,047	716,515	747,440	784,714	1,131,122	1,660,104	2,551,891	5,966,132	13,937,902	33,149,940
Asia	Asia	23,305,153	40,863,341	49,992,415	53,664,713	57,643,427	78,052,964	100,977,500	133,118,158	244,540,114	478,631,573	969,766,814
Asia	Europe	2,159,282	4,090,160	5,323,078	5,460,164	5,475,200	6,590,401	7,473,257	8,351,369	10,881,445	15,365,906	23,771,937
Asia	Mideast	550,427	1,227,583	1,310,181	1,408,951	1,490,623	1,940,873	2,333,154	2,897,470	4,613,129	7,793,293	14,366,282
Asia	North America	1,781,920	3,272,331	3,925,475	4,000,609	4,197,473	5,028,641	5,719,212	6,272,487	7,708,280	9,732,445	12,402,994
Asia	South America	250,544	621,510	798,959	874,224	934,247	1,248,354	1,493,069	1,828,027	2,888,041	4,996,843	9,674,942
Asia	Caribbean	32,811	138,807	147,755	159,812	169,814	225,857	293,995	387,898	725,089	1,438,169	2,913,278
Europe	Africa	1,454,846	1,804,003	1,899,212	2,021,425	2,149,032	3,053,474	3,809,898	4,666,839	6,716,940	9,549,349	13,878,396
Europe	Asia	5,312,014	6,596,806	7,337,485	8,011,503	8,707,662	12,675,996	16,922,271	22,996,948	44,526,735	90,659,081	188,634,467
Europe	Europe	8,933,484	12,543,768	14,459,070	14,871,645	15,304,990	17,867,220	19,628,356	21,157,911	25,000,646	30,495,836	38,166,180
Europe	Mideast	2,074,352	3,190,173	3,648,555	3,988,353	4,317,744	6,124,186	7,197,326	8,621,878	12,334,523	17,529,091	24,712,869
Europe	North America	2,268,340	3,092,684	3,503,928	3,552,033	3,745,655	4,878,843	5,330,697	5,538,451	6,418,250	7,888,312	9,814,684
Europe	South America	871,898	1,142,874	1,393,421	1,534,458	1,661,532	2,337,325	2,674,946	3,015,554	3,797,603	4,757,200	5,953,659
Europe	Caribbean	163,427	181,358	188,176	202,719	214,952	273,051	306,684	339,672	419,607	552,272	819,334
Mideast	Africa	317,694	620,614	636,709	705,922	781,555	1,343,532	2,343,087	4,258,669	12,396,250	32,396,443	76,957,668
Mideast	Asia	1,433,451	2,245,268	2,455,043	2,586,494	2,684,333	3,240,196	4,091,712	5,258,935	9,823,745	19,408,534	35,926,091
Mideast	Europe	816,502	1,324,030	1,494,289	1,543,314	1,583,288	1,879,463	2,160,746	2,423,325	3,165,836	4,521,358	7,362,716
Mideast	Mideast	514,904	1,111,543	1,172,194	1,248,505	1,321,292	1,803,353	2,405,440	3,450,986	7,603,865	16,828,028	32,071,832
Mideast	North America	124,573	219,208	225,397	235,740	249,311	302,068	342,725	381,355	471,735	583,479	721,107
Mideast	South America	32,361	86,191	115,260	119,562	126,262	161,171	180,174	198,472	244,338	317,582	459,280
Mideast	Caribbean	2,529	8,369	8,605	9,185	9,688	12,463	15,681	19,462	30,870	49,610	78,246
North America	Africa	109,589	151,963	125,526	123,689	124,358	140,862	158,209	178,832	233,516	319,177	469,181
North America	Asia	6,495,834	5,958,462	6,971,986	7,141,491	7,372,622	8,581,454	10,076,138	12,153,505	18,956,598	32,454,894	59,886,272
North America	Europe	2,331,422	3,136,147	3,484,872	3,426,942	3,360,682	3,819,684	4,242,336	4,646,186	5,691,951	7,206,157	9,505,116
North America	Mideast	193,479	244,076	287,851	294,447	302,110	332,523	363,567	403,288	500,143	628,242	796,781
North America	North America	201,538	280,608	337,625	355,451	371,346	438,755	497,316	545,944	662,115	809,071	987,448
North America	South America	2,095,334	2,736,216	2,752,157	2,920,042	2,981,818	3,475,293	3,999,560	4,633,921	6,683,528	10,330,197	15,840,957
North America	Caribbean	361,048	451,458	510,285	533,445	552,794	651,130	749,673	852,921	1,104,301	1,396,708	1,700,082
South America	Africa	50,779	76,236	82,520	84,354	87,931	117,904	141,044	162,004	213,225	272,706	345,736
South America	Asia	243,236	283,205	300,355	319,655	342,368	476,797	622,474	820,022	1,516,264	3,013,220	6,208,460
South America	Europe	319,259	605,751	728,356	752,044	776,331	966,079	1,116,605	1,246,296	1,530,835	1,867,710	2,265,292
South America	Mideast	34,703	63,252	68,933	73,095	76,584	99,680	115,605	138,578	193,712	269,992	374,629
South America	North America	322,642	506,448	660,845	679,072	719,052	843,379	960,017	1,035,057	1,216,006	1,451,159	1,754,651
South America	South America	890,703	1,498,709	1,770,377	1,912,971	2,032,458	2,643,328	3,087,912	3,589,895	4,868,795	6,614,234	8,860,060
South America	Caribbean	113,460	212,617	215,577	233,417	250,574	350,252	463,915	608,631	1,095,436	2,029,413	3,776,158
Caribbean	Africa	1,511	3,216	2,967	2,968	3,016	3,464	3,769	4,257	5,979	9,728	17,809
Caribbean	Asia	3,629	7,516	7,578	8,210	8,943	13,385	18,662	26,985	58,005	127,419	278,756
Caribbean	Europe	58,498	61,705	76,712	80,116	86,079	105,655	119,230	132,505	163,277	201,010	247,153
Caribbean	Mideast	1,190	5,758	6,264	6,824	7,388	10,447	12,108	14,485	20,835	29,902	42,407
Caribbean	North America	4,495	28,521	19,002	20,918	23,112	31,208	38,348	45,095	61,746	83,689	112,083
Caribbean	South America	29,568	47,097	53,631	56,596	59,668	73,218	83,489	93,110	114,502	141,731	179,749
Caribbean	Caribbean	62,096	124,394	123,946	131,233	138,121	175,654	219,826	279,621	476,012	807,490	1,311,080
Total		**67,379,549**	**102,813,714**	**120,767,932**	**127,627,510**	**134,852,752**	**175,714,659**	**217,327,672**	**273,249,965**	**463,193,395**	**853,076,458**	**1,650,405,986**
Average Annual Growth Rate			**8.82%**	**5.51%**	**5.68%**	**5.66%**	**5.44%**	**4.34%**	**4.69%**	**5.42%**	**6.30%**	**6.82%**

Containerized WORLD Commodity Forecast For CONSUMER GOODS
Sorted by ORIGIN, by Major Region, 1995-2050, Selected Years
(METRIC TONNES)

Origin	Destination	1995	2000	2003	2004	2005	2010	2015	2020	2030	2040	2050
Africa	Africa	138,511	155,019	163,646	173,835	182,720	220,350	237,894	262,263	328,357	431,074	589,471
Africa	Asia	6,576	10,302	11,146	12,074	13,182	20,435	26,694	34,585	57,343	94,804	158,060
Africa	Europe	352,191	571,610	723,072	724,285	715,198	647,422	644,568	648,929	726,359	866,614	1,054,893
Africa	Mideast	28,346	46,795	46,531	51,221	56,238	78,425	94,402	115,881	174,687	263,024	395,595
Africa	North America	13,313	28,086	47,361	50,460	54,228	72,220	84,109	95,379	120,598	149,191	180,942
Africa	South America	429	1,125	1,434	1,583	1,746	2,677	3,189	3,678	4,933	6,673	9,221
Africa	Caribbean	872	1,483	1,594	1,768	1,963	2,898	3,196	3,571	4,807	7,201	11,605
Asia	Africa	184,917	344,519	364,047	376,558	400,638	576,054	795,526	1,171,588	2,623,256	5,999,245	14,106,031
Asia	Asia	5,565,599	9,123,885	10,738,463	11,293,463	11,701,931	15,845,173	18,745,870	22,769,433	34,579,931	53,878,050	86,557,785
Asia	Europe	3,583,802	6,558,882	8,184,969	8,298,375	8,439,371	9,573,630	10,296,358	11,396,419	14,763,235	20,612,062	31,422,301
Asia	Mideast	605,231	872,209	905,487	945,527	1,001,457	1,319,335	1,632,410	2,129,133	3,848,038	7,277,662	14,470,673
Asia	North America	6,023,510	10,716,891	13,447,034	14,085,432	15,327,510	21,940,641	25,723,418	29,905,475	40,166,833	53,056,940	68,593,701
Asia	South America	378,044	488,704	588,342	635,175	686,581	974,679	1,132,729	1,310,221	1,830,013	2,706,244	4,261,863
Asia	Caribbean	58,377	92,222	94,193	102,649	111,280	163,968	238,646	349,848	764,223	1,666,207	3,613,594
Europe	Africa	306,321	457,580	474,535	510,980	556,985	835,524	1,018,995	1,227,889	1,791,984	2,692,975	4,302,924
Europe	Asia	660,297	978,999	1,116,441	1,190,986	1,279,615	1,871,771	2,376,846	3,025,744	5,055,458	8,674,487	15,220,992
Europe	Europe	1,781,337	3,138,308	3,664,239	3,867,005	4,092,735	5,207,129	5,926,066	6,784,808	9,099,516	12,458,779	17,408,994
Europe	Mideast	566,070	885,503	975,014	1,085,611	1,217,497	1,849,417	2,264,907	2,797,506	4,264,822	6,527,633	10,186,365
Europe	North America	664,265	1,204,376	1,269,099	1,365,560	1,477,345	1,855,092	2,156,432	2,433,538	3,136,855	4,119,013	5,393,789
Europe	South America	163,268	280,936	346,023	384,302	423,723	639,470	762,518	884,710	1,183,822	1,588,286	2,165,598
Europe	Caribbean	105,567	94,943	96,095	106,344	116,484	164,660	180,036	195,817	236,244	298,460	401,884
Mideast	Africa	44,839	103,883	109,988	118,125	126,821	174,525	212,876	260,306	397,393	623,800	1,006,675
Mideast	Asia	20,819	43,000	47,218	52,009	57,435	88,394	114,690	147,413	239,684	387,555	626,779
Mideast	Europe	238,136	445,345	541,907	592,162	647,567	862,407	991,874	1,123,378	1,447,311	1,871,424	2,409,390
Mideast	Mideast	152,628	246,131	261,557	272,307	282,901	330,277	372,696	424,895	545,741	705,054	924,995
Mideast	North America	78,719	126,271	156,633	177,631	199,987	230,318	259,967	300,656	401,414	524,332	659,692
Mideast	South America	2,027	5,047	6,164	6,684	7,172	9,535	10,907	12,232	15,359	19,590	25,903
Mideast	Caribbean	793	1,128	1,181	1,260	1,340	1,743	2,083	2,498	3,798	6,200	10,603
North America	Africa	11,320	13,128	12,154	11,594	12,162	14,823	17,159	19,698	27,328	41,407	66,081
North America	Asia	563,194	541,235	560,728	600,918	637,036	802,998	1,015,742	1,314,133	2,348,890	4,427,098	8,524,250
North America	Europe	245,569	319,204	366,399	375,780	388,132	448,157	499,467	574,961	824,120	1,309,011	2,284,889
North America	Mideast	16,119	25,302	22,983	24,284	26,164	34,957	42,698	51,396	75,377	113,518	175,509
North America	North America	7,809	114,116	140,881	148,461	153,873	201,696	236,053	273,789	361,343	471,306	608,601
North America	South America	285,002	372,209	310,299	329,550	346,747	434,314	494,101	548,676	680,869	850,887	1,063,686
North America	Caribbean	165,416	430,022	296,401	309,951	322,420	371,798	401,717	430,972	491,497	558,796	630,019
South America	Africa	2,200	4,212	4,623	4,725	5,106	7,665	8,978	10,310	13,494	17,688	23,276
South America	Asia	22,449	28,871	33,559	36,058	38,083	52,907	66,116	83,493	135,300	223,774	379,728
South America	Europe	101,392	171,888	227,240	241,609	256,921	348,931	368,329	419,469	550,538	716,591	922,971
South America	Mideast	1,988	2,922	3,310	3,657	4,067	6,222	7,706	9,578	14,902	23,452	37,570
South America	North America	163,131	243,015	321,984	348,180	355,850	498,962	569,132	665,369	906,685	1,218,041	1,604,438
South America	South America	130,889	201,298	241,801	264,375	287,289	417,578	493,110	575,965	781,027	1,063,557	1,479,909
South America	Caribbean	41,451	103,403	107,134	115,367	123,119	162,008	194,942	239,523	392,265	683,655	1,189,110
Caribbean	Africa	228	431	465	471	486	583	652	726	898	1,111	1,360
Caribbean	Asia	1,074	1,469	1,522	1,550	1,625	2,154	2,531	2,895	4,030	6,031	9,307
Caribbean	Europe	7,883	15,610	18,374	18,791	19,430	23,296	25,858	28,558	34,880	42,364	51,168
Caribbean	Mideast	308	1,393	1,483	1,556	1,637	2,062	2,362	2,681	3,752	6,270	12,290
Caribbean	North America	157,158	590,686	703,932	722,494	756,130	894,648	1,029,488	1,170,178	1,515,132	1,916,611	2,366,692
Caribbean	South America	34,964	72,479	83,831	88,177	93,047	118,156	129,320	136,858	151,401	171,485	204,603
Caribbean	Caribbean	105,745	238,262	250,235	275,126	297,406	396,764	463,574	533,596	699,635	915,862	1,180,223
Total		**23,790,095**	**40,514,340**	**48,092,747**	**50,406,045**	**53,308,379**	**70,798,847**	**82,378,940**	**96,910,616**	**137,825,374**	**202,291,094**	**308,985,997**
Average Annual Growth Rate			**11.24%**	**5.88%**	**4.81%**	**5.76%**	**5.84%**	**3.08%**	**3.30%**	**3.58%**	**3.91%**	**4.33%**

Containerized WORLD Commodity Forecast For EXTRACTIVE COMMODITIES
Sorted by ORIGIN, by Major Region, 1995-2050, Selected Years
(METRIC TONNES)

Origin	Destination	1995	2000	2003	2004	2005	2010	2015	2020	2030	2040	2050
Africa	Africa	25,456	39,941	37,375	36,323	35,294	30,885	27,310	25,539	24,259	24,524	25,653
Africa	Asia	82,954	99,283	98,491	109,329	119,524	152,068	169,922	194,844	266,873	384,340	579,192
Africa	Europe	132,265	165,668	172,484	174,026	177,664	185,553	181,707	182,251	187,500	197,337	211,155
Africa	Mideast	3,872	5,458	5,174	5,384	5,706	6,887	6,986	7,397	8,661	10,437	12,714
Africa	North America	22,475	23,933	33,741	36,491	38,655	48,001	50,011	50,776	52,951	55,734	58,950
Africa	South America	1,512	2,023	2,460	2,666	2,801	3,399	3,477	3,612	4,021	4,510	5,037
Africa	Caribbean	32	235	244	256	265	303	336	363	389	398	402
Asia	Africa	16,997	21,943	23,066	23,579	24,120	26,430	27,953	30,046	34,621	40,235	48,125
Asia	Asia	4,724,378	6,755,553	7,493,923	7,783,547	8,108,555	8,977,020	9,114,508	9,823,011	12,594,480	18,548,183	31,236,877
Asia	Europe	164,645	247,406	300,319	291,925	294,147	321,267	312,111	310,669	318,570	333,996	353,380
Asia	Mideast	34,699	62,167	64,134	65,464	65,937	71,291	69,550	71,875	83,537	108,650	161,549
Asia	North America	208,491	221,561	331,505	322,371	329,410	314,338	295,672	277,325	249,780	232,447	224,139
Asia	South America	7,349	15,133	17,162	17,964	18,454	20,501	20,901	21,478	22,956	24,624	26,410
Asia	Caribbean	353	857	980	1,032	1,074	1,269	1,470	1,712	2,395	3,886	7,168
Europe	Africa	175,800	244,188	233,970	241,669	249,744	287,254	326,723	375,731	524,359	829,798	1,541,281
Europe	Asia	469,239	922,599	903,314	989,457	1,016,857	1,178,999	1,297,109	1,455,309	1,863,047	2,344,591	2,911,344
Europe	Europe	3,371,495	3,429,994	3,428,673	3,504,203	3,518,091	3,535,517	3,369,080	3,304,472	3,368,334	3,792,653	4,594,840
Europe	Mideast	577,298	483,974	504,498	496,135	517,141	508,152	535,566	585,545	725,202	910,474	1,155,856
Europe	North America	100,286	163,914	154,562	145,066	141,522	179,188	173,713	166,512	164,236	171,413	185,505
Europe	South America	56,740	48,776	57,440	59,571	59,657	60,850	61,298	63,307	67,671	72,247	77,118
Europe	Caribbean	9,216	47,951	47,482	50,411	52,383	60,044	66,550	72,136	77,445	79,413	80,160
Mideast	Africa	11,817	20,615	21,366	22,190	22,647	24,599	25,712	26,804	28,791	30,539	32,194
Mideast	Asia	305,170	439,923	457,018	500,906	521,568	618,483	673,478	769,210	1,023,476	1,388,608	1,940,222
Mideast	Europe	234,969	466,271	499,052	504,081	521,504	555,966	554,791	566,242	595,254	632,300	674,175
Mideast	Mideast	90,625	118,478	125,083	128,387	132,230	141,207	139,096	143,537	156,874	175,124	197,447
Mideast	North America	16,336	39,744	8,597	9,627	10,647	11,106	11,688	11,983	12,846	13,955	15,270
Mideast	South America	13,385	15,617	19,892	21,334	21,749	21,145	20,425	20,264	20,220	20,311	20,478
Mideast	Caribbean	17	300	310	327	341	397	440	478	521	548	570
North America	Africa	226,734	48,632	55,931	56,821	57,291	61,476	64,388	65,278	66,348	67,087	67,837
North America	Asia	2,589,313	3,080,219	3,736,558	4,018,955	4,103,900	4,518,063	4,726,914	4,987,580	5,682,920	6,476,502	7,481,651
North America	Europe	1,019,700	825,601	1,001,809	1,004,350	1,048,044	1,105,614	1,067,340	1,052,510	1,035,774	1,044,212	1,066,450
North America	Mideast	34,246	17,336	46,345	45,808	45,785	52,769	55,697	59,596	69,302	81,617	96,827
North America	North America	120,285	233,088	250,062	260,641	256,673	280,922	299,956	318,797	363,640	416,997	479,423
North America	South America	381,831	320,063	368,115	387,744	393,752	424,243	436,303	450,365	489,153	533,148	579,385
North America	Caribbean	64,221	10,871	63,633	64,413	65,118	66,093	66,879	67,464	68,706	70,413	72,795
South America	Africa	8,424	15,262	13,963	14,264	15,097	17,349	19,479	21,679	25,642	29,423	33,313
South America	Asia	440,983	573,159	606,397	683,756	753,776	891,816	1,005,314	1,166,688	1,665,766	2,560,349	4,159,393
South America	Europe	333,591	453,548	506,712	482,656	487,843	546,922	543,725	549,606	569,964	599,815	636,062
South America	Mideast	24,421	45,260	47,231	46,370	46,698	49,969	49,720	51,817	59,385	70,708	85,232
South America	North America	200,457	166,562	177,108	183,366	190,780	209,833	216,386	221,907	236,247	256,791	279,326
South America	South America	54,260	79,956	91,669	96,928	100,543	115,273	120,636	128,940	150,658	181,861	230,212
South America	Caribbean	20,827	35,766	33,237	34,105	35,052	41,296	54,493	74,979	167,848	395,499	948,352
Caribbean	Africa	1	36	38	41	42	46	49	53	60	67	74
Caribbean	Asia	1,197	1,199	1,383	1,443	1,460	1,607	1,720	1,895	2,377	3,105	4,305
Caribbean	Europe	7,916	14,983	16,651	16,839	16,870	17,244	16,676	16,415	16,234	16,175	16,184
Caribbean	Mideast	6	42	47	50	51	49	48	52	62	73	85
Caribbean	North America	9,479	10,182	10,473	10,983	11,299	11,943	12,167	12,431	13,182	14,017	14,904
Caribbean	South America	71,663	80,009	88,986	88,154	89,136	87,668	82,348	78,495	71,791	65,789	60,358
Caribbean	Caribbean	6,976	8,037	7,383	8,059	8,557	11,483	16,350	23,286	47,780	96,367	189,079
Total		**16,474,402**	**20,123,316**	**22,166,047**	**23,049,465**	**23,735,450**	**25,853,799**	**26,394,171**	**27,912,265**	**33,282,109**	**43,411,291**	**62,878,455**
Average Annual Growth Rate			**4.08%**	**3.28%**	**3.99%**	**2.98%**	**1.72%**	**0.41%**	**1.12%**	**1.78%**	**2.69%**	**3.77%**

Containerized WORLD Commodity Forecast For FOOD
Sorted by ORIGIN, by Major Region, 1995-2050, Selected Years
(METRIC TONNES)

Origin	Destination	1995	2000	2003	2004	2005	2010	2015	2020	2030	2040	2050
Africa	Africa	983,503	1,156,633	1,253,678	1,265,080	1,261,594	1,237,505	1,292,152	1,548,786	2,823,133	6,053,183	14,171,151
Africa	Asia	458,635	630,601	702,488	719,148	753,626	888,354	938,299	1,006,517	1,180,670	1,388,460	1,624,802
Africa	Europe	1,302,185	1,651,250	1,946,106	1,945,095	1,996,881	2,256,039	2,323,435	2,392,495	2,547,868	2,724,357	2,911,070
Africa	Mideast	120,963	228,557	248,118	260,837	273,629	339,989	386,997	445,491	586,178	754,946	950,170
Africa	North America	67,766	113,460	136,637	154,811	177,013	239,974	262,896	283,453	323,701	363,442	402,296
Africa	South America	249,351	24,092	29,197	29,854	30,902	37,409	40,784	43,895	52,239	61,929	71,891
Africa	Caribbean	13,132	16,989	18,617	19,501	19,847	21,346	22,710	25,252	34,874	54,833	98,527
Asia	Africa	787,030	1,281,499	1,436,622	1,412,276	1,389,062	1,367,232	1,367,061	1,448,451	1,827,323	2,690,995	4,674,144
Asia	Asia	15,309,215	22,528,003	23,307,684	24,080,290	24,908,327	29,863,001	33,582,991	38,312,262	51,430,295	72,515,253	105,985,111
Asia	Europe	8,282,983	11,417,707	13,771,112	14,463,735	14,660,553	14,605,472	14,704,026	15,360,209	17,099,420	19,775,424	23,841,146
Asia	Mideast	1,635,916	2,004,186	2,156,613	2,228,883	2,328,482	2,691,705	2,986,426	3,373,465	4,312,276	5,510,811	7,023,942
Asia	North America	3,052,310	4,365,041	5,611,963	5,451,481	5,764,064	6,968,010	7,398,852	7,850,085	8,791,409	9,796,677	10,844,777
Asia	South America	254,919	255,897	304,456	320,048	330,486	382,556	415,766	448,148	515,503	588,068	665,279
Asia	Caribbean	164,961	137,304	152,497	149,739	146,276	128,070	120,512	124,149	157,343	244,675	428,340
Europe	Africa	4,128,137	3,974,807	4,309,183	4,504,718	4,581,255	4,787,178	4,903,761	5,132,651	5,713,755	6,505,490	7,797,288
Europe	Asia	4,936,818	6,581,318	7,445,144	7,570,978	7,825,695	9,528,154	10,269,867	11,095,206	13,296,574	15,919,767	18,592,245
Europe	Europe	11,582,153	12,624,273	14,622,479	15,036,084	15,406,687	16,650,993	17,139,608	17,918,178	20,096,158	23,826,208	31,209,285
Europe	Mideast	2,731,653	3,369,233	3,749,126	4,012,995	4,260,006	5,523,440	6,362,003	7,429,797	10,049,059	13,349,341	17,529,441
Europe	North America	3,646,020	5,484,810	6,067,796	6,440,386	7,064,301	8,095,291	8,572,001	9,037,399	10,001,913	10,926,672	11,763,548
Europe	South America	1,675,736	1,276,666	1,528,523	1,629,377	1,738,299	2,300,804	2,563,655	2,810,891	3,329,090	3,871,383	4,428,708
Europe	Caribbean	1,076,672	957,084	1,033,840	1,084,597	1,123,247	1,247,697	1,261,228	1,284,691	1,317,250	1,346,121	1,378,948
Mideast	Africa	352,052	311,735	347,995	321,892	299,256	230,460	208,071	209,227	252,337	366,485	628,000
Mideast	Asia	297,591	668,063	734,817	748,207	772,207	835,899	887,761	968,363	1,185,063	1,545,947	1,959,726
Mideast	Europe	1,392,410	1,485,461	1,622,643	1,639,973	1,713,150	1,678,866	1,668,375	1,683,921	1,769,692	1,960,984	2,287,570
Mideast	Mideast	866,743	1,323,078	1,434,762	1,504,186	1,585,700	1,879,289	2,116,389	2,435,353	3,247,222	4,359,189	6,005,217
Mideast	North America	195,803	174,122	216,416	239,530	269,548	321,607	351,602	379,890	438,910	499,869	561,069
Mideast	South America	35,445	32,005	41,124	43,555	45,915	57,744	64,430	71,220	86,940	107,545	139,139
Mideast	Caribbean	5,384	13,113	14,614	14,450	14,174	13,087	13,427	15,508	26,138	52,239	114,394
North America	Africa	93,711	128,847	186,897	183,238	182,367	205,157	212,726	224,973	251,429	279,382	308,849
North America	Asia	8,627,254	10,255,123	10,269,425	10,709,651	11,135,955	13,277,732	14,332,129	15,627,340	18,513,950	21,959,304	24,886,544
North America	Europe	2,398,724	2,725,828	3,050,281	3,192,567	3,300,724	3,515,501	3,602,326	3,768,012	4,172,791	4,632,456	5,120,509
North America	Mideast	115,429	254,763	282,200	299,571	307,032	448,843	513,208	586,856	753,598	939,025	1,133,063
North America	North America	68,397	109,787	922,728	983,507	1,047,747	1,465,425	1,688,598	1,902,267	2,351,840	2,823,521	3,302,357
North America	South America	1,068,085	826,425	899,993	949,178	1,016,932	1,459,604	1,651,992	1,845,196	2,259,988	2,709,326	3,181,602
North America	Caribbean	247,052	413,453	440,925	461,660	474,515	497,670	507,230	534,998	641,343	865,898	1,269,454
South America	Africa	205,560	297,455	316,129	337,747	339,982	382,908	409,149	447,146	575,474	830,701	1,388,528
South America	Asia	1,688,996	2,035,934	2,296,727	2,441,579	2,568,976	3,358,915	3,913,068	4,681,512	7,082,722	11,600,720	20,854,183
South America	Europe	2,273,765	2,812,913	3,632,425	3,767,009	3,925,084	4,703,638	4,964,145	5,336,851	6,382,518	8,247,212	12,092,909
South America	Mideast	484,489	972,267	993,203	1,044,899	1,106,322	1,402,402	1,556,506	1,749,462	2,201,712	2,746,829	3,374,064
South America	North America	1,000,229	1,356,561	1,776,035	1,866,845	1,953,823	2,443,116	2,608,897	2,781,994	3,144,222	3,508,881	3,882,312
South America	South America	1,346,159	2,223,213	2,695,657	2,836,361	3,019,366	4,084,383	4,610,827	5,181,285	6,581,818	8,449,266	10,918,865
South America	Caribbean	357,415	651,757	665,515	702,538	732,514	899,661	1,113,733	1,431,123	2,619,404	5,114,004	9,923,522
Caribbean	Africa	18,137	30,126	31,433	31,649	31,443	31,367	33,284	39,342	70,985	152,739	330,659
Caribbean	Asia	76,542	114,931	135,527	137,795	145,594	181,779	195,567	209,750	245,203	288,286	336,526
Caribbean	Europe	261,893	499,300	633,041	642,473	655,207	709,185	726,051	761,558	848,237	966,263	1,151,738
Caribbean	Mideast	46,908	71,851	76,220	74,883	74,945	69,288	64,476	63,014	65,808	79,366	104,192
Caribbean	North America	113,222	164,648	205,194	206,221	215,727	226,451	223,812	223,258	221,664	218,945	219,069
Caribbean	South America	164,143	235,860	268,637	284,931	289,465	324,066	346,910	370,881	423,317	481,854	549,457
Caribbean	Caribbean	285,801	644,399	638,554	660,835	682,300	808,787	1,010,228	1,348,952	2,716,117	5,506,834	9,899,667
Total		**86,547,398**	**110,912,424**	**124,660,995**	**129,106,843**	**133,946,202**	**154,673,053**	**166,509,948**	**182,250,726**	**224,616,474**	**289,561,104**	**392,315,292**
Average Annual Growth Rate			**5.09%**	**3.97%**	**3.57%**	**3.75%**	**2.92%**	**1.49%**	**1.82%**	**2.11%**	**2.57%**	**3.08%**

Containerized WORLD Commodity Forecast For FUELS
Sorted by ORIGIN, by Major Region, 1995-2050, Selected Years
(METRIC TONNES)

Origin	Destination	1995	2000	2003	2004	2005	2010	2015	2020	2030	2040	2050
Africa	Africa	157	133	120	120	120	123	124	128	137	147	160
Africa	Asia	17	21	19	20	20	23	27	34	55	93	162
Africa	Europe	6	4	5	5	5	6	7	8	10	12	15
Africa	Mideast	0	2	2	2	2	2	3	3	4	6	7
Africa	North America	0	0	0	0	0	0	0	0	0	0	0
Africa	South America	1	3	4	4	4	4	5	5	5	7	7
Africa	Caribbean	0	0	0	0	0	0	0	0	0	0	0
Asia	Africa	113	188	197	203	208	244	275	310	388	478	587
Asia	Asia	520,591	806,626	892,743	943,029	1,006,917	1,355,025	1,758,145	2,314,794	4,237,341	8,142,106	15,941,625
Asia	Europe	23,974	4,779	5,009	5,378	5,665	7,347	8,843	10,345	14,020	18,942	25,442
Asia	Mideast	1,734	11,416	11,101	11,701	12,183	14,708	17,290	20,224	27,149	35,999	47,110
Asia	North America	5,210	7,026	42,879	48,327	50,797	59,815	68,439	76,660	95,611	119,727	152,241
Asia	South America	2,131	4,800	5,061	5,361	5,545	6,788	7,986	9,604	11,893	14,881	18,436
Asia	Caribbean	351	851	788	814	835	957	1,052	1,129	1,241	1,338	1,426
Europe	Africa	49,776	67,613	68,590	71,017	73,491	89,481	107,065	126,165	168,289	219,340	282,430
Europe	Asia	59,966	69,645	75,925	83,059	91,247	137,019	195,432	279,344	589,843	1,274,047	2,715,818
Europe	Europe	935,614	1,009,845	1,112,105	1,085,433	1,109,743	1,220,938	1,309,794	1,401,493	1,624,860	1,896,425	2,221,572
Europe	Mideast	127,607	217,668	237,349	245,343	252,503	300,812	344,525	394,604	517,342	674,957	872,309
Europe	North America	24,032	33,072	51,337	58,468	61,314	74,197	86,693	99,527	129,807	167,162	212,383
Europe	South America	34,837	22,049	26,264	28,334	29,501	36,289	41,918	46,819	57,311	69,719	84,852
Europe	Caribbean	31,461	53,582	53,766	54,863	56,101	63,965	69,524	73,860	79,363	83,104	86,261
Mideast	Africa	125	895	930	948	962	1,057	1,152	1,238	1,399	1,564	1,746
Mideast	Asia	39	1,434	1,491	1,573	1,658	1,860	2,087	2,364	3,027	3,760	4,448
Mideast	Europe	12,750	6,738	7,885	7,896	8,341	9,764	10,774	11,728	13,816	16,214	18,997
Mideast	Mideast	2,281	8,630	10,099	10,078	10,070	10,238	10,436	10,778	11,640	12,628	13,601
Mideast	North America	0	262	10,183	11,717	12,448	14,876	16,805	18,383	21,253	23,720	25,679
Mideast	South America	17	12	12	13	13	15	16	17	18	19	20
Mideast	Caribbean	170	32	31	31	31	32	32	32	31	29	28
North America	Africa	608	1,383	2,539	2,524	2,582	2,329	2,147	2,138	2,137	2,121	2,066
North America	Asia	77,600	106,130	249,866	245,718	245,381	227,418	216,022	214,657	236,388	302,961	431,531
North America	Europe	17,754	27,839	31,647	32,885	32,610	28,686	26,298	24,870	23,285	22,690	23,338
North America	Mideast	4,044	1,838	858	830	845	768	731	741	758	769	767
North America	North America	615	10,074	9,425	9,925	10,044	10,659	11,172	12,064	13,995	16,210	18,720
North America	South America	23,606	38,513	65,346	65,917	65,514	64,652	64,713	66,922	70,931	74,502	77,655
North America	Caribbean	12,784	13,214	48,399	48,668	48,747	49,607	50,190	50,494	50,594	50,370	49,879
South America	Africa	37	15	14	15	15	17	18	20	22	25	28
South America	Asia	87	1,885	2,166	2,251	2,332	2,689	3,154	3,864	6,554	11,747	22,966
South America	Europe	2,471	4,313	4,230	4,185	4,346	4,737	4,965	5,111	5,451	5,920	6,576
South America	Mideast	219	874	990	994	998	1,040	1,080	1,132	1,274	1,440	1,613
South America	North America	810	7,123	503,356	575,185	607,148	709,853	805,053	891,181	1,088,768	1,341,382	1,684,774
South America	South America	15,589	33,588	38,517	41,838	43,707	55,319	64,736	73,761	94,138	118,686	147,960
South America	Caribbean	14,148	22,485	21,821	21,651	21,688	22,321	22,640	22,916	23,163	23,271	23,315
Caribbean	Africa	1	0	0	0	0	0	0	0	1	1	1
Caribbean	Asia	29	15	19	21	22	32	44	62	109	197	337
Caribbean	Europe	110	114	116	114	119	139	152	162	183	207	235
Caribbean	Mideast	1	2	2	2	2	2	2	2	3	3	4
Caribbean	North America	9	19	21	23	24	28	32	35	43	52	64
Caribbean	South America	2,644	1,012	1,123	1,194	1,236	1,423	1,572	1,658	1,823	2,004	2,221
Caribbean	Caribbean	563	1,331	1,309	1,332	1,350	1,454	1,535	1,604	1,719	1,823	1,923
Total		**2,006,690**	**2,599,091**	**3,595,660**	**3,729,010**	**3,878,435**	**4,588,757**	**5,334,707**	**6,272,991**	**9,227,194**	**14,752,803**	**25,223,335**
Average Annual Growth Rate			**5.31%**	**11.43%**	**3.71%**	**4.01%**	**3.42%**	**3.06%**	**3.29%**	**3.93%**	**4.80%**	**5.51%**

Containerized WORLD Commodity Forecast For HI-TECH PRODUCTS
Sorted by ORIGIN, by Major Region, 1995-2050, Selected Years
(METRIC TONNES)

Origin	Destination	1995	2000	2003	2004	2005	2010	2015	2020	2030	2040	2050
Africa	Africa	9,035	15,565	13,609	15,051	16,654	24,565	26,143	28,405	34,349	44,453	61,180
Africa	Asia	361	2,033	1,735	1,947	2,212	3,785	5,627	8,453	19,111	43,652	98,281
Africa	Europe	8,598	19,821	23,933	25,958	28,605	44,246	55,669	67,355	95,162	130,602	175,687
Africa	Mideast	2,892	4,848	4,493	5,050	5,709	8,471	10,219	12,515	18,921	28,891	45,205
Africa	North America	324	403	797	912	1,044	1,707	2,241	2,832	4,308	6,303	8,958
Africa	South America	48	95	79	88	100	162	204	249	370	553	849
Africa	Caribbean	11	24	22	24	27	43	48	52	61	69	79
Asia	Africa	61,648	100,838	92,165	96,313	103,535	156,906	220,653	307,487	590,090	1,141,570	2,245,941
Asia	Asia	2,680,406	4,430,205	4,156,711	4,660,398	5,170,120	8,381,730	11,882,473	16,984,556	35,333,813	74,689,886	151,493,839
Asia	Europe	1,390,693	2,530,547	2,710,766	2,906,173	3,064,304	4,377,532	5,668,748	7,103,281	10,708,532	15,666,653	22,534,588
Asia	Mideast	171,744	232,267	209,049	225,292	246,816	369,552	505,241	689,786	1,265,683	2,306,400	4,221,938
Asia	North America	2,214,078	3,757,633	3,725,461	3,939,971	4,291,290	6,717,384	8,994,651	11,479,722	17,621,979	25,562,920	35,395,007
Asia	South America	202,953	256,472	259,579	287,653	318,267	500,355	655,968	824,460	1,290,064	2,040,442	3,358,442
Asia	Caribbean	19,759	15,432	13,923	14,900	16,085	24,006	32,684	45,358	91,177	187,809	378,265
Europe	Africa	118,269	156,002	145,520	164,716	187,250	321,282	428,441	558,206	943,416	1,657,377	3,090,631
Europe	Asia	204,007	275,974	301,931	339,007	382,346	620,124	863,632	1,266,249	2,711,739	5,841,151	12,713,905
Europe	Europe	462,987	1,036,294	1,210,514	1,315,443	1,466,188	2,322,358	3,120,500	4,059,418	6,621,838	10,542,282	16,497,113
Europe	Mideast	97,909	216,562	224,775	257,943	296,582	508,871	708,282	967,627	1,756,494	3,095,969	5,268,774
Europe	North America	110,736	116,964	140,837	150,427	167,700	261,823	334,135	410,201	595,332	839,430	1,158,707
Europe	South America	38,738	65,390	74,534	84,806	96,678	160,460	196,656	232,127	316,979	427,036	571,006
Europe	Caribbean	20,038	18,322	16,999	19,046	21,276	33,863	41,706	52,316	89,416	165,936	297,414
Mideast	Africa	4,903	11,834	10,917	11,784	12,878	20,200	29,033	39,686	68,903	120,201	214,749
Mideast	Asia	4,302	10,014	9,401	10,429	11,523	18,511	26,496	37,700	74,649	147,321	291,773
Mideast	Europe	25,729	117,259	150,106	159,812	174,214	278,663	377,733	488,849	771,181	1,166,890	1,721,970
Mideast	Mideast	13,015	27,626	26,125	29,482	33,407	53,144	70,600	92,873	158,525	269,691	467,078
Mideast	North America	1,952	5,276	4,419	4,934	5,512	8,531	10,610	12,749	17,748	23,950	31,614
Mideast	South America	897	1,774	1,570	1,763	1,918	2,889	3,617	4,320	5,958	7,987	10,527
Mideast	Caribbean	149	476	451	482	548	818	966	1,069	1,362	1,691	2,028
North America	Africa	3,552	3,406	2,797	2,914	3,026	4,021	4,953	6,012	9,093	14,603	25,937
North America	Asia	235,223	228,056	236,267	256,560	276,947	392,256	532,046	739,783	1,479,734	3,060,114	6,428,426
North America	Europe	95,809	145,713	145,584	151,014	159,811	214,122	256,259	305,908	440,761	648,741	991,238
North America	Mideast	4,685	8,953	8,462	8,755	9,265	12,467	15,309	18,343	25,674	35,019	46,712
North America	North America	996	4,946	5,488	6,202	6,793	10,166	13,705	17,503	27,468	41,359	60,427
North America	South America	131,341	176,418	124,815	136,117	145,456	203,909	261,286	325,184	512,988	846,255	1,509,769
North America	Caribbean	13,012	22,134	24,453	26,791	29,388	46,137	68,984	107,476	258,533	612,411	1,381,910
South America	Africa	161	1,586	1,479	1,710	1,966	3,525	4,797	6,144	9,518	14,074	20,080
South America	Asia	1,359	8,741	8,995	10,301	11,810	20,685	31,227	50,427	123,643	291,227	673,022
South America	Europe	6,276	14,624	16,010	17,682	19,918	34,105	49,084	67,385	114,856	182,963	277,773
South America	Mideast	204	241	250	280	317	516	699	914	1,463	2,233	3,300
South America	North America	6,211	20,673	23,513	27,090	31,184	55,653	84,146	116,324	200,303	321,894	493,697
South America	South America	15,456	41,887	50,426	56,276	63,008	97,669	116,731	135,738	180,523	238,418	315,370
South America	Caribbean	5,526	11,303	10,795	11,612	12,530	17,554	20,008	22,811	29,916	40,380	57,611
Caribbean	Africa	65	199	220	228	246	373	440	511	675	886	1,132
Caribbean	Asia	508	309	319	360	409	678	965	1,394	2,823	5,636	11,128
Caribbean	Europe	1,675	1,287	1,402	1,501	1,641	2,520	3,110	3,743	5,328	7,526	10,602
Caribbean	Mideast	88	76	75	85	97	171	265	433	1,092	2,646	6,440
Caribbean	North America	104	470	758	839	937	1,424	1,739	2,073	2,794	3,632	4,624
Caribbean	South America	2,747	4,428	5,287	5,649	6,059	8,183	9,629	11,128	14,587	18,874	24,089
Caribbean	Caribbean	7,164	7,464	7,683	7,651	7,646	7,894	8,433	9,620	14,554	24,987	46,993
Total		**8,398,342**	**14,128,863**	**14,205,503**	**15,459,422**	**16,911,246**	**26,356,010**	**35,756,790**	**47,726,756**	**84,663,488**	**152,570,994**	**274,745,827**
Average Annual Growth Rate			**10.96%**	**0.18%**	**8.83%**	**9.39%**	**9.28%**	**6.29%**	**5.95%**	**5.90%**	**6.07%**	**6.06%**

Containerized WORLD Commodity Forecast For INTERMEDIATE MANUFACTURED PRODUCTS
Sorted by ORIGIN, by Major Region, 1995-2050, Selected Years
(METRIC TONNES)

Origin	Destination	1995	2000	2003	2004	2005	2010	2015	2020	2030	2040	2050
Africa	Africa	665,862	795,553	815,011	852,517	886,542	1,086,580	1,276,951	1,563,018	2,459,468	4,236,790	8,033,051
Africa	Asia	555,418	902,417	993,460	1,060,198	1,133,452	1,399,908	1,788,543	2,351,953	4,096,475	7,113,063	12,307,638
Africa	Europe	345,314	673,239	900,332	975,525	1,024,722	1,219,120	1,423,330	1,614,721	2,054,217	2,606,290	3,327,558
Africa	Mideast	147,831	159,230	164,824	181,005	195,491	257,801	316,724	402,059	659,941	1,130,560	2,041,110
Africa	North America	123,834	198,014	207,132	226,961	240,593	245,957	260,282	274,458	318,569	369,761	431,243
Africa	South America	18,752	21,181	26,149	29,286	31,544	42,669	50,334	57,634	73,614	92,688	116,198
Africa	Caribbean	3,054	4,361	4,477	4,779	5,041	6,229	6,786	7,346	8,674	10,485	12,913
Asia	Africa	597,263	1,859,386	2,006,887	2,153,390	2,310,601	3,462,604	4,723,034	6,565,356	13,079,502	26,765,968	55,218,811
Asia	Asia	30,772,469	42,488,188	50,795,023	54,677,619	59,593,767	80,808,391	103,912,264	136,465,128	246,189,038	466,959,586	909,891,724
Asia	Europe	3,828,554	8,500,522	11,648,418	12,055,679	12,505,848	15,926,504	18,703,633	21,477,527	28,408,965	38,472,367	54,648,376
Asia	Mideast	1,659,568	3,211,299	3,357,681	3,592,819	3,830,439	5,127,602	6,320,341	8,148,570	14,158,248	25,896,330	47,938,302
Asia	North America	6,003,531	11,361,032	13,287,532	14,054,454	15,257,268	20,944,040	26,604,150	32,157,111	46,084,778	64,918,362	90,010,795
Asia	South America	465,858	873,898	1,077,187	1,163,868	1,253,541	1,765,533	2,225,621	2,876,513	5,097,383	9,770,368	19,729,951
Asia	Caribbean	129,614	307,921	328,152	353,783	379,628	541,068	787,167	1,164,236	2,614,341	5,859,350	12,649,701
Europe	Africa	1,790,331	1,880,027	2,020,973	2,218,382	2,418,344	3,685,728	4,795,135	6,052,408	9,188,923	13,637,042	20,059,199
Europe	Asia	4,333,922	4,384,576	5,145,538	5,485,845	5,930,145	8,722,803	12,053,911	17,294,402	36,709,252	80,255,716	173,918,918
Europe	Europe	7,400,395	10,834,428	13,251,698	13,726,951	14,389,504	18,022,985	21,474,415	24,824,310	32,639,345	43,000,430	57,257,158
Europe	Mideast	2,903,092	3,498,280	3,990,875	4,358,708	4,731,091	6,731,294	8,114,118	9,876,305	14,575,689	21,496,353	31,544,465
Europe	North America	3,444,908	5,726,657	5,455,203	6,047,080	6,793,413	9,480,023	11,588,138	13,677,028	18,783,791	25,525,718	34,396,772
Europe	South America	608,317	925,781	1,190,287	1,317,383	1,443,351	2,129,534	2,505,779	2,886,619	3,775,987	4,913,975	6,415,281
Europe	Caribbean	381,492	347,509	364,996	399,625	432,578	586,045	645,300	695,149	784,256	875,118	977,468
Mideast	Africa	226,383	706,640	724,053	793,915	858,008	1,258,807	1,648,899	2,104,350	3,270,281	5,024,553	7,754,977
Mideast	Asia	1,136,844	1,277,177	1,434,695	1,505,062	1,560,253	1,934,289	2,479,311	3,338,094	6,241,728	11,976,466	22,952,620
Mideast	Europe	706,303	2,193,468	2,842,015	3,062,986	3,254,125	4,059,206	4,902,476	5,768,251	7,810,940	10,580,231	14,841,718
Mideast	Mideast	1,277,917	1,671,985	1,720,237	1,848,310	1,969,832	2,524,810	2,968,557	3,613,594	5,412,351	8,297,132	13,064,428
Mideast	North America	121,263	381,119	546,193	618,530	696,190	931,122	1,117,619	1,305,326	1,757,330	2,340,850	3,086,043
Mideast	South America	11,519	34,344	39,369	42,969	46,389	64,809	78,690	93,034	126,473	169,463	226,250
Mideast	Caribbean	14,051	38,608	39,799	42,529	44,719	51,349	54,088	55,765	58,040	60,009	62,723
North America	Africa	30,944	32,744	38,876	37,682	36,569	42,384	47,358	51,881	61,445	72,022	83,918
North America	Asia	2,722,473	1,524,509	2,008,074	2,107,996	2,175,272	2,594,710	3,134,442	3,717,681	5,580,076	9,103,736	15,872,557
North America	Europe	1,276,154	1,272,135	1,678,744	1,736,776	1,816,850	2,128,000	2,496,420	2,819,342	3,549,627	4,538,911	6,046,054
North America	Mideast	132,877	84,233	90,382	92,724	91,714	113,248	130,319	145,524	180,565	224,240	280,294
North America	North America	225,991	105,985	117,760	129,011	141,275	198,722	272,920	350,691	544,112	807,463	1,158,489
North America	South America	792,910	750,095	665,016	714,136	741,357	909,669	1,049,572	1,179,026	1,460,648	1,792,686	2,194,890
North America	Caribbean	370,353	336,748	334,597	356,401	376,739	478,876	570,007	688,511	1,127,090	2,105,478	3,791,763
South America	Africa	38,591	58,128	65,725	69,599	74,487	109,529	147,562	198,875	365,168	695,868	1,402,109
South America	Asia	962,284	938,140	1,015,033	1,050,688	1,067,147	1,276,780	1,566,392	2,027,306	3,790,970	7,878,940	16,809,448
South America	Europe	537,541	935,999	1,224,185	1,286,746	1,335,224	1,487,641	1,691,254	1,854,371	2,143,565	2,394,417	2,690,840
South America	Mideast	32,366	45,622	56,633	60,912	66,154	93,091	120,517	163,366	311,295	620,162	1,302,712
South America	North America	892,578	1,688,294	2,688,087	2,818,953	3,069,359	4,032,804	4,871,717	5,715,017	7,721,044	10,301,940	13,708,604
South America	South America	984,495	1,139,872	1,456,577	1,563,131	1,671,992	2,286,193	2,730,854	3,262,649	4,744,858	7,264,932	11,988,117
South America	Caribbean	344,782	587,755	639,908	687,813	733,904	1,021,944	1,399,546	2,060,374	4,687,001	10,938,821	25,269,250
Caribbean	Africa	687	5,002	5,582	5,864	6,209	8,609	11,118	14,571	25,609	47,208	93,889
Caribbean	Asia	3,205	3,183	3,368	3,595	3,865	5,215	6,797	9,075	16,563	30,744	57,424
Caribbean	Europe	37,639	18,802	24,395	25,200	25,966	29,186	32,834	35,952	43,643	53,961	68,290
Caribbean	Mideast	875	2,062	2,424	2,565	2,752	3,526	4,104	4,989	7,798	12,778	21,620
Caribbean	North America	36,214	63,094	81,060	91,982	103,654	153,624	211,012	270,992	427,462	646,546	943,530
Caribbean	South America	119,567	265,665	334,341	361,453	388,057	512,516	565,813	617,859	732,342	877,527	1,082,440
Caribbean	Caribbean	300,511	474,273	514,656	546,298	572,381	743,141	972,070	1,371,742	2,954,400	6,716,340	15,389,667
Total		**79,516,698**	**115,589,181**	**137,423,621**	**146,599,684**	**157,717,346**	**211,246,223**	**264,858,228**	**333,270,058**	**546,912,879**	**949,479,741**	**1,723,171,295**
Average Annual Growth Rate			**7.77%**	**5.94%**	**6.68%**	**7.58%**	**6.02%**	**4.63%**	**4.70%**	**5.08%**	**5.67%**	**6.14%**

Containerized WORLD Commodity Forecast For MATERIALS
Sorted by ORIGIN, by Major Region, 1995-2050, Selected Years
(METRIC TONNES)

Origin	Destination	1995	2000	2003	2004	2005	2010	2015	2020	2030	2040	2050
Africa	Africa	210,816	285,504	301,731	302,685	303,537	313,286	341,810	403,228	658,824	1,274,531	2,757,335
Africa	Asia	227,950	302,212	353,407	359,243	373,928	474,125	580,601	727,342	1,226,815	2,320,775	4,802,606
Africa	Europe	432,969	608,321	775,544	812,300	830,573	784,631	794,563	834,692	928,165	1,041,106	1,191,725
Africa	Mideast	58,870	81,654	88,862	91,331	94,287	104,678	116,439	133,807	182,876	261,356	394,719
Africa	North America	18,887	26,502	50,764	47,771	46,783	47,654	49,717	52,631	60,932	72,293	86,623
Africa	South America	41,938	35,406	45,210	46,845	47,908	55,870	61,567	66,630	75,875	88,847	115,287
Africa	Caribbean	1,762	6,492	7,038	7,376	7,556	8,125	8,596	8,989	9,722	10,766	12,522
Asia	Africa	603,973	905,540	937,621	958,573	991,366	1,312,263	1,782,371	2,622,975	5,960,276	13,696,451	31,484,447
Asia	Asia	18,342,271	29,795,056	34,638,585	36,289,732	37,549,810	47,517,462	57,297,095	73,949,966	130,078,857	244,126,836	474,811,436
Asia	Europe	3,210,207	5,133,186	6,468,868	6,436,041	6,446,119	7,353,422	8,136,075	9,260,067	13,133,252	20,918,612	37,737,361
Asia	Mideast	1,675,814	2,431,216	2,554,785	2,709,835	2,810,923	3,490,509	4,217,410	5,353,422	9,596,478	19,427,007	42,857,072
Asia	North America	2,617,029	5,095,531	6,506,932	6,503,704	6,675,769	7,604,698	8,211,367	8,743,291	10,261,050	12,221,182	14,389,703
Asia	South America	369,759	621,000	733,794	772,767	810,568	1,062,919	1,181,504	1,351,304	1,982,525	3,497,660	7,175,961
Asia	Caribbean	155,430	313,020	297,369	305,555	316,712	413,354	595,737	856,607	1,827,791	3,872,589	8,052,543
Europe	Africa	1,349,851	1,848,425	1,967,155	2,026,666	2,075,377	2,469,052	2,809,697	3,140,535	3,895,450	4,902,984	6,235,427
Europe	Asia	3,549,196	6,229,431	7,627,377	7,794,634	8,028,862	9,462,395	11,225,961	14,019,175	23,852,636	45,601,491	94,568,799
Europe	Europe	5,564,422	7,793,107	9,550,213	9,512,034	9,364,859	9,075,301	8,954,205	9,090,427	9,793,769	11,216,451	13,720,076
Europe	Mideast	1,809,829	2,483,319	2,912,193	3,064,031	3,223,551	3,996,093	4,602,532	5,353,526	7,262,347	9,926,627	13,808,158
Europe	North America	1,476,708	2,695,747	3,230,240	3,146,110	3,134,221	3,223,983	3,227,546	3,290,423	3,632,211	4,169,598	4,867,808
Europe	South America	509,828	731,364	995,792	1,047,548	1,096,836	1,364,907	1,555,828	1,739,620	2,142,403	2,650,728	3,301,154
Europe	Caribbean	149,829	153,183	159,154	165,008	168,679	179,614	190,412	201,741	224,116	253,575	298,172
Mideast	Africa	92,512	204,692	211,218	215,095	217,990	243,520	269,144	298,376	386,567	569,071	983,696
Mideast	Asia	86,989	193,993	204,563	209,894	215,840	269,123	337,105	448,662	858,646	1,790,223	3,947,527
Mideast	Europe	385,480	745,443	906,248	961,325	1,013,070	1,078,536	1,158,868	1,253,442	1,512,491	1,924,433	2,622,027
Mideast	Mideast	369,839	570,791	593,245	619,324	640,852	708,484	789,923	890,039	1,154,165	1,558,556	2,151,459
Mideast	North America	47,606	152,421	189,949	202,410	217,322	262,420	284,505	310,884	379,466	470,046	584,951
Mideast	South America	9,954	8,850	10,986	11,793	12,393	17,188	18,736	19,940	22,528	31,056	56,259
Mideast	Caribbean	1,398	3,270	3,380	3,438	3,470	3,479	3,587	3,665	3,853	4,336	5,574
North America	Africa	108,462	95,324	108,392	112,044	114,611	156,601	241,251	412,309	1,122,896	2,874,259	7,268,327
North America	Asia	12,006,501	10,799,825	14,699,991	14,831,329	14,407,295	12,363,643	11,021,172	10,813,972	10,855,712	11,485,911	12,737,056
North America	Europe	3,546,256	3,443,140	3,560,761	3,732,707	3,803,591	3,122,416	2,892,999	3,006,497	3,356,336	3,853,516	4,554,575
North America	Mideast	381,326	421,210	381,711	382,712	379,912	382,444	384,545	400,113	438,821	489,221	555,602
North America	North America	144,660	339,431	384,024	401,751	418,040	456,020	487,968	513,724	567,061	628,480	697,300
North America	South America	1,776,243	1,701,799	1,690,798	1,700,313	1,688,884	1,714,729	1,740,152	1,802,112	1,977,651	2,215,529	2,521,858
North America	Caribbean	553,852	692,063	1,064,186	1,133,044	1,211,466	1,741,856	2,623,466	3,793,179	7,962,132	16,300,499	32,180,045
South America	Africa	60,012	58,126	55,959	50,539	46,559	37,356	36,393	41,324	65,135	120,457	252,151
South America	Asia	564,428	650,986	915,167	910,989	917,517	981,796	1,032,012	1,180,845	1,649,890	2,600,261	4,707,850
South America	Europe	844,897	1,067,085	1,563,440	1,615,119	1,646,271	1,732,329	1,720,994	1,783,720	1,962,787	2,232,850	2,623,551
South America	Mideast	132,922	102,163	113,101	114,742	117,070	120,628	125,702	135,591	162,839	201,847	254,773
South America	North America	598,579	1,157,599	1,852,211	1,849,294	1,909,897	2,411,043	2,634,129	2,832,793	3,267,513	3,787,711	4,421,988
South America	South America	515,729	820,660	1,025,285	1,059,827	1,098,729	1,305,443	1,517,673	1,814,959	2,781,302	4,649,637	8,236,378
South America	Caribbean	137,698	286,563	265,699	277,125	288,199	346,237	439,000	566,661	1,017,760	1,905,897	3,546,296
Caribbean	Africa	569	2,145	2,090	2,087	2,098	2,191	2,204	2,216	2,270	2,378	2,542
Caribbean	Asia	15,331	21,256	27,879	26,898	26,625	33,406	37,043	42,207	56,301	77,183	109,628
Caribbean	Europe	22,233	33,641	44,697	45,977	47,074	49,286	49,709	50,863	56,008	65,471	79,874
Caribbean	Mideast	750	1,412	1,705	1,745	1,774	1,934	2,115	2,320	2,839	3,491	4,170
Caribbean	North America	49,073	53,152	83,332	80,473	81,288	87,441	93,977	99,913	112,192	126,578	144,418
Caribbean	South America	67,761	92,667	109,302	108,655	108,106	110,414	113,464	118,238	125,784	132,746	140,422
Caribbean	Caribbean	87,284	152,528	143,883	147,970	151,765	176,336	214,369	274,746	511,104	958,612	1,619,376
Total		**64,985,684**	**91,447,454**	**110,415,835**	**113,208,406**	**115,185,936**	**130,230,637**	**146,213,234**	**174,113,712**	**269,158,419**	**462,611,718**	**859,678,608**
Average Annual Growth Rate			**7.07%**	**6.48%**	**2.53%**	**1.75%**	**2.49%**	**2.34%**	**3.55%**	**4.45%**	**5.57%**	**6.39%**

Containerized WORLD Commodity Forecast For ALL COMMODITIES
Sorted by ORIGIN, by Major Region, 1995-2050, Selected Years
(METRIC TONNES)

Origin	Destination	1995	2000	2003	2004	2005	2010	2015	2020	2030	2040	2050
Africa	Africa	2,474,462	3,213,048	3,376,790	3,473,708	3,551,520	4,003,242	4,573,477	5,718,471	10,191,732	20,591,039	45,597,326
Africa	Asia	1,892,668	2,909,890	3,221,246	3,388,523	3,592,101	4,566,118	5,576,150	7,001,502	11,559,063	20,178,055	36,611,711
Africa	Europe	4,336,969	5,940,507	7,161,032	7,348,194	7,535,650	8,311,190	8,879,570	9,417,853	10,754,439	12,470,050	14,690,406
Africa	Mideast	941,810	1,273,536	1,372,173	1,445,902	1,518,432	1,856,049	2,138,382	2,582,583	3,815,741	5,990,279	10,070,544
Africa	North America	327,030	571,612	696,310	751,047	813,100	1,003,799	1,128,656	1,246,182	1,529,706	1,870,638	2,276,751
Africa	South America	347,245	115,660	144,710	153,407	160,664	201,269	225,980	249,518	300,436	362,661	447,084
Africa	Caribbean	21,531	40,963	43,996	46,455	48,210	56,418	62,634	70,711	97,077	147,624	247,001
Asia	Africa	3,088,089	6,034,181	6,432,963	6,654,995	6,931,432	9,292,892	12,322,295	17,215,124	35,775,553	77,453,383	171,545,098
Asia	Asia	115,858,050	175,781,292	203,207,516	215,876,210	229,375,536	301,722,036	376,355,836	484,996,222	852,017,120	1,595,757,293	3,034,438,337
Asia	Europe	26,359,908	45,395,716	56,898,641	58,580,775	59,827,680	69,696,496	77,760,483	87,459,923	114,113,643	156,806,734	230,248,148
Asia	Mideast	8,044,587	12,430,793	12,956,284	13,699,906	14,426,518	18,376,184	22,060,992	27,574,269	45,629,194	81,479,443	155,367,629
Asia	North America	27,587,129	46,304,923	55,925,187	58,193,565	62,539,566	84,608,368	101,234,032	117,906,209	159,647,375	213,800,261	281,603,888
Asia	South America	2,349,835	3,703,420	4,466,996	4,815,618	5,151,650	7,035,463	8,402,615	10,172,933	15,832,816	27,091,622	50,815,569
Asia	Caribbean	639,564	1,161,295	1,192,323	1,253,420	1,316,480	1,735,213	2,395,662	3,387,497	7,158,913	15,388,229	32,358,848
Europe	Africa	10,677,015	12,470,444	13,060,935	13,889,636	14,636,676	19,150,020	22,753,825	26,784,241	36,909,017	51,622,499	74,607,491
Europe	Asia	23,422,247	29,923,994	34,101,556	36,012,424	38,271,954	51,697,400	65,344,098	85,734,716	157,923,404	312,755,877	638,813,047
Europe	Europe	45,605,245	61,098,182	71,307,355	73,477,146	75,897,831	88,598,259	98,093,047	108,367,883	133,914,988	170,661,002	225,216,359
Europe	Mideast	12,441,557	16,889,937	18,837,755	20,360,128	21,948,096	30,153,249	35,704,759	42,716,948	61,256,824	87,837,720	125,894,359
Europe	North America	13,928,875	21,832,926	23,433,737	24,733,752	26,765,317	34,079,515	38,965,596	43,592,963	55,385,249	70,888,393	90,466,708
Europe	South America	4,779,461	5,675,077	7,015,252	7,671,424	8,337,840	11,876,375	13,738,486	15,530,335	19,627,670	24,705,205	31,103,672
Europe	Caribbean	2,190,274	2,207,322	2,288,428	2,443,497	2,580,271	3,162,721	3,362,084	3,553,048	3,938,117	4,442,219	5,212,204
Mideast	Africa	1,167,717	2,167,002	2,251,599	2,391,455	2,535,809	3,604,249	5,133,080	7,717,551	17,749,964	40,988,028	91,457,363
Mideast	Asia	3,535,366	5,484,639	5,996,597	6,304,669	6,560,693	7,975,394	9,760,332	12,327,559	21,356,097	39,377,030	71,627,578
Mideast	Europe	5,280,846	8,511,953	9,905,068	10,426,318	10,945,924	12,936,663	14,675,891	16,461,215	20,903,608	27,355,945	37,715,556
Mideast	Mideast	4,869,459	7,200,602	7,641,882	8,117,473	8,604,497	10,985,883	12,968,542	15,840,547	24,790,791	41,356,535	68,680,044
Mideast	North America	652,531	1,182,653	1,448,274	1,596,208	1,766,142	2,234,000	2,580,478	2,934,090	3,786,505	4,858,809	6,178,339
Mideast	South America	129,506	221,611	277,636	292,832	309,332	392,572	438,882	485,073	596,202	759,637	1,040,772
Mideast	Caribbean	26,764	71,317	74,141	77,923	81,040	91,923	101,437	114,431	161,058	262,183	490,818
North America	Africa	667,933	553,740	644,999	643,981	649,774	769,086	913,669	1,153,605	2,053,009	4,094,471	8,919,236
North America	Asia	39,430,592	36,971,982	44,297,457	45,933,185	46,566,616	50,088,870	53,336,781	58,896,340	75,871,102	106,033,723	161,046,773
North America	Europe	13,260,314	14,307,089	15,566,287	16,028,802	16,354,248	17,264,777	18,301,901	19,723,794	23,367,519	28,550,599	36,228,516
North America	Mideast	1,039,273	1,386,259	1,625,053	1,669,416	1,689,721	2,054,105	2,274,927	2,519,891	3,089,383	3,775,407	4,587,414
North America	North America	915,384	1,481,709	2,319,919	2,451,494	2,564,711	3,224,188	3,678,078	4,115,582	5,103,339	6,265,706	7,610,161
North America	South America	7,657,465	7,973,009	7,904,649	8,284,607	8,499,900	10,031,440	11,188,407	12,464,141	16,000,637	21,498,121	29,428,521
North America	Caribbean	2,104,018	2,780,587	3,216,012	3,381,648	3,542,289	4,421,405	5,576,838	7,080,471	12,291,353	22,584,006	41,737,104
South America	Africa	476,801	658,631	686,646	716,026	731,189	881,104	1,022,005	1,213,838	1,847,195	3,117,232	5,918,715
South America	Asia	4,789,821	5,513,544	6,290,797	6,585,070	6,827,716	8,315,940	9,582,174	11,516,372	17,993,039	31,155,276	58,691,218
South America	Europe	7,526,027	9,977,116	12,575,320	13,078,592	13,481,176	15,939,507	17,098,291	17,564,540	20,425,528	24,477,897	31,115,685
South America	Mideast	985,393	1,642,410	1,732,073	1,835,807	1,952,052	2,483,955	2,876,780	3,422,898	5,081,265	7,789,459	11,767,760
South America	North America	4,766,716	7,634,131	11,467,719	11,949,004	12,558,142	15,572,475	17,643,952	19,620,599	24,368,998	30,271,096	37,673,079
South America	South America	4,587,595	6,806,509	8,291,400	8,810,733	9,370,967	12,436,508	14,382,577	16,604,420	22,465,121	31,405,336	45,704,374
South America	Caribbean	1,175,465	2,130,322	2,175,683	2,315,459	2,446,002	3,198,349	4,119,047	5,529,354	10,841,830	22,559,981	47,443,132
Caribbean	Africa	28,169	49,880	51,663	52,923	53,933	62,643	76,373	103,173	217,118	494,189	1,072,726
Caribbean	Asia	192,712	270,947	309,621	313,430	315,187	372,456	393,191	425,337	530,134	714,546	1,043,444
Caribbean	Europe	1,158,457	1,379,305	1,692,923	1,771,521	1,826,302	1,962,056	2,057,694	2,150,786	2,365,698	2,671,238	3,136,545
Caribbean	Mideast	62,459	122,170	132,200	133,075	135,090	138,478	140,484	152,802	183,907	237,004	316,688
Caribbean	North America	612,129	1,454,979	1,688,819	1,735,700	1,800,413	1,926,314	2,107,976	2,279,042	2,720,501	3,299,595	4,035,481
Caribbean	South America	537,945	854,158	1,006,848	1,058,668	1,101,269	1,316,569	1,420,760	1,528,383	1,753,905	2,030,929	2,405,267
Caribbean	Caribbean	953,394	2,016,072	2,053,868	2,180,321	2,297,677	2,964,826	3,775,541	4,991,092	9,546,754	19,099,246	37,458,686
Total		**415,903,802**	**585,779,045**	**680,466,339**	**714,406,073**	**750,794,332**	**944,828,009**	**1,118,704,744**	**1,350,216,056**	**2,084,839,637**	**3,479,383,450**	**6,112,163,178**
Average Annual Growth Rate			**7.09%**	**5.12%**	**4.99%**	**5.09%**	**4.70%**	**3.44%**	**3.83%**	**4.44%**	**5.26%**	**5.80%**

Containerized World Commodity by Destination (Metric Tonnes)

Containerized WORLD Commodity Forecast For AGRICULTURE COMMODITIES
Sorted by DESTINATION, by Major Region, 1995-2050, Selected Years
(METRIC TONNES)

Destination	Origin	1995	2000	2003	2004	2005	2010	2015	2020	2030	2040	2050
Africa	Africa	126,675	214,318	238,600	242,992	246,585	272,605	299,894	362,205	581,110	1,083,272	2,275,484
Africa	Asia	206,205	363,976	373,482	384,210	391,532	439,162	523,615	634,346	1,202,951	2,577,500	5,877,924
Africa	Europe	517,552	840,391	836,790	897,737	946,798	1,214,483	1,394,109	1,610,669	2,179,969	3,139,504	5,088,158
Africa	Mideast	72,319	111,694	122,679	128,852	134,824	175,042	197,931	222,770	279,194	353,137	470,088
Africa	North America	24,252	33,571	49,063	50,349	50,979	57,528	62,753	67,555	76,343	84,861	93,126
Africa	South America	90,553	124,718	122,178	127,574	131,920	160,321	197,824	256,781	475,368	977,114	2,197,950
Africa	South America	6,626	7,015	7,108	7,751	8,408	13,384	21,768	37,917	105,856	273,749	617,041
Asia	Africa	281,097	485,481	537,331	555,878	572,896	716,136	832,607	1,003,570	1,570,624	2,716,790	4,850,769
Asia	Asia	7,327,402	10,113,987	10,581,493	10,927,473	11,050,055	12,619,069	14,213,342	16,584,564	23,381,429	34,968,500	51,818,542
Asia	Europe	1,129,995	1,275,076	1,421,800	1,499,382	1,568,970	1,872,885	2,121,361	2,431,395	3,136,732	4,105,219	5,369,844
Asia	Mideast	219,478	536,746	585,809	616,318	653,707	837,489	969,120	1,115,637	1,464,723	1,915,132	2,486,273
Asia	North America	4,755,483	3,333,091	4,346,165	4,714,314	4,831,926	5,569,045	6,047,726	6,522,683	7,694,348	9,094,313	11,162,219
Asia	South America	788,642	922,175	1,018,834	1,028,835	1,014,203	1,093,852	1,120,879	1,182,803	1,341,702	1,501,904	1,788,230
Asia	South America	87,397	119,620	130,272	131,644	124,528	130,966	125,454	124,907	132,439	151,076	184,672
Europe	Africa	1,509,157	1,765,752	1,980,018	2,001,308	2,023,971	2,148,892	2,237,473	2,285,468	2,441,558	2,676,151	3,053,415
Europe	Asia	1,885,286	2,846,559	3,170,060	3,154,137	3,124,979	2,863,330	2,682,623	2,630,462	2,582,533	2,636,708	2,764,746
Europe	Europe	2,946,713	4,399,423	4,826,945	4,971,036	5,141,573	5,937,624	6,354,580	6,968,447	8,011,677	9,495,399	11,904,927
Europe	Mideast	1,293,082	1,330,502	1,335,481	1,403,095	1,432,425	1,608,268	1,703,867	1,785,613	1,975,889	2,230,230	2,541,511
Europe	North America	1,560,773	1,455,691	1,188,621	1,244,257	1,228,926	1,243,340	1,279,756	1,310,978	1,399,380	1,519,246	1,669,062
Europe	South America	2,957,824	3,650,434	4,291,648	4,497,386	4,583,197	5,500,155	5,880,247	5,412,879	5,985,031	6,698,360	7,640,288
Europe	South America	750,954	716,646	850,558	912,216	944,714	991,656	1,048,348	1,082,508	1,150,362	1,257,600	1,434,548
Mideast	Africa	525,655	659,764	725,519	754,344	781,826	902,920	988,489	1,136,983	1,431,062	1,792,077	2,207,646
Mideast	Asia	1,102,544	1,341,153	1,386,505	1,447,397	1,483,685	1,728,251	1,892,010	2,092,623	2,517,897	3,011,175	3,590,023
Mideast	Europe	553,370	1,052,282	1,102,309	1,155,728	1,200,707	1,433,495	1,586,612	1,732,199	2,108,948	2,552,307	3,038,968
Mideast	Mideast	1,477,532	1,924,936	2,113,233	2,247,418	2,391,435	3,150,419	3,577,816	4,068,606	5,128,900	6,389,900	7,897,552
Mideast	North America	98,717	262,458	449,028	463,236	467,110	602,288	684,379	761,252	935,999	1,137,800	1,357,414
Mideast	South America	260,922	393,505	429,256	469,624	510,000	672,633	847,949	1,104,083	2,014,151	3,642,091	5,966,259
Mideast	South America	12,107	37,344	41,522	42,670	43,486	47,166	50,700	59,882	74,954	93,039	112,294
North America	Africa	25,024	64,714	63,278	61,399	61,447	63,277	64,325	64,808	65,167	65,491	66,392
North America	Asia	705,462	1,070,191	1,282,383	1,298,141	1,357,098	1,428,141	1,487,936	1,364,408	1,540,781	1,752,132	1,990,571
North America	Europe	218,895	553,073	697,214	688,421	685,676	779,556	808,664	776,959	814,867	871,121	936,266
North America	Mideast	34,173	36,539	34,780	36,832	38,486	43,834	47,463	47,183	51,960	57,719	64,562
North America	North America	132,031	249,421	129,714	131,702	132,372	127,221	129,800	135,807	157,657	187,562	223,175
North America	South America	1,012,862	1,654,040	2,358,275	2,364,765	2,422,543	2,568,439	2,660,747	2,710,846	2,945,872	3,223,243	3,530,763
North America	South America	241,944	542,049	582,908	599,311	605,441	515,070	491,660	448,053	356,126	275,200	210,403
South America	Africa	4,447	5,450	6,682	6,653	6,715	7,149	7,233	8,041	8,880	9,720	10,569
South America	Asia	102,866	90,455	120,307	126,187	131,556	156,338	168,894	189,171	226,088	270,533	337,066
South America	Europe	165,867	233,725	296,824	312,200	329,622	405,317	436,975	480,487	545,360	612,339	674,551
South America	Mideast	15,756	26,385	30,950	31,608	32,678	38,275	40,096	41,813	44,969	48,160	53,038
South America	North America	354,991	354,771	461,086	465,924	481,891	552,224	590,232	632,644	706,262	779,206	854,691
South America	South America	479,839	575,615	681,243	710,368	754,807	961,016	1,081,437	1,201,557	1,446,136	1,730,721	2,103,388
South America	South America	38,446	43,866	48,314	48,748	49,330	53,158	55,020	62,635	71,274	80,504	90,068
South America	Africa	1,579	4,379	4,820	5,159	5,509	7,568	10,257	13,719	25,617	49,134	94,100
South America	Asia	7,351	33,083	36,723	37,616	38,486	42,602	46,436	52,262	72,964	120,145	214,679
South America	Europe	112,727	170,302	164,920	178,057	189,497	242,204	263,138	278,422	303,938	328,051	353,311
South America	Mideast	733	1,694	1,841	2,008	2,117	2,483	2,559	2,606	2,714	2,814	2,917
South America	North America	227,374	304,989	325,898	338,054	349,045	391,157	411,323	425,877	450,437	472,047	490,717
South America	South America	106,532	168,767	169,022	179,572	190,195	247,214	301,943	367,483	584,034	1,010,727	1,850,461
South America	South America	86,133	347,477	349,786	383,684	418,186	614,642	837,276	1,113,240	2,085,053	4,024,308	7,767,136
Total		**36,643,344**	**46,849,291**	**52,109,278**	**54,083,571**	**55,368,060**	**63,249,291**	**68,886,643**	**75,007,807**	**93,887,289**	**124,045,034**	**171,377,795**
Average Annual Growth Rate			**5.04%**	**3.61%**	**3.79%**	**2.38%**	**2.70%**	**1.72%**	**1.72%**	**2.27%**	**2.82%**	**3.29%**

Containerized WORLD Commodity Forecast For CAPITAL EQUIPMENT
Sorted by DESTINATION, by Major Region, 1995-2050, Selected Years
(METRIC TONNES)

Destination	Origin	1995	2000	2003	2004	2005	2010	2015	2020	2030	2040	2050
Africa	Africa	96,105	126,665	106,472	116,666	128,880	191,366	215,757	242,462	308,061	401,612	537,918
Africa	Asia	284,339	488,247	482,362	502,452	535,654	820,875	1,221,702	1,882,675	4,491,015	10,603,040	24,739,149
Africa	Europe	786,132	1,197,410	1,105,007	1,232,325	1,398,401	2,406,563	3,160,001	3,893,149	5,785,932	8,488,641	12,331,757
Africa	Mideast	45,073	74,401	65,742	72,733	80,868	132,504	197,174	296,124	668,849	1,502,236	3,407,571
Africa	North America	58,762	44,742	62,823	63,128	65,829	83,904	102,726	124,928	202,474	339,553	533,912
Africa	South America	20,484	22,893	24,054	25,501	28,126	44,531	56,762	69,554	104,150	159,177	255,543
Africa	South America	343	1,709	1,760	1,863	1,984	2,625	3,087	3,580	4,785	6,322	8,220
Asia	Africa	16,204	28,037	25,718	28,236	31,784	52,318	73,223	104,385	215,051	445,570	903,582
Asia	Asia	7,310,565	8,876,448	10,610,475	11,555,946	12,642,628	18,302,201	24,871,648	34,674,351	69,651,822	143,297,321	236,934,584
Asia	Europe	2,766,791	2,609,570	2,726,602	3,047,573	3,440,554	5,627,254	8,017,707	11,870,943	26,181,387	58,080,326	124,166,715
Asia	Mideast	30,683	69,020	66,541	73,778	82,170	131,149	178,572	241,180	441,355	813,482	1,492,120
Asia	North America	1,357,717	1,145,332	1,218,398	1,306,254	1,380,281	1,761,551	2,234,450	2,805,004	4,522,486	7,668,891	13,636,267
Asia	South America	77,356	70,448	93,564	100,958	111,504	159,704	221,537	319,412	680,228	1,473,133	3,087,936
Asia	South America	3,799	1,448	1,753	1,914	2,118	3,234	4,408	6,167	12,286	24,868	51,361
Europe	Africa	120,459	221,349	325,170	360,472	396,181	588,916	714,549	828,508	1,079,051	1,369,691	1,703,926
Europe	Asia	1,830,482	4,065,969	5,316,043	5,509,166	5,811,493	8,077,592	9,774,807	11,559,574	16,203,669	23,006,064	33,148,872
Europe	Europe	2,626,645	4,288,743	5,181,418	5,587,312	6,103,459	8,758,194	10,816,445	12,858,418	17,658,846	23,936,539	32,236,215
Europe	Mideast	175,484	397,435	505,442	551,673	598,240	925,526	1,146,389	1,356,468	1,841,199	2,451,879	3,235,483
Europe	North America	768,153	955,791	1,057,571	1,131,524	1,214,879	1,639,257	1,938,700	2,214,529	2,873,493	3,775,659	4,967,287
Europe	South America	149,011	260,560	381,073	414,155	446,040	614,970	758,943	888,852	1,179,983	1,532,060	1,959,422
Europe	South America	9,657	17,217	26,976	28,292	29,202	33,888	35,727	38,524	47,545	60,662	76,755
Mideast	Africa	10,249	18,489	15,888	17,612	19,495	28,605	33,134	39,078	55,283	80,666	120,581
Mideast	Asia	606,910	1,037,295	1,000,748	1,064,038	1,155,974	1,622,359	2,087,160	2,797,700	5,206,759	10,112,115	20,690,737
Mideast	Europe	1,000,378	1,492,941	1,493,062	1,695,281	1,931,274	3,177,490	3,988,888	4,957,961	7,662,395	11,774,969	17,777,154
Mideast	Mideast	103,974	197,405	185,347	209,475	236,778	384,661	517,589	709,886	1,371,506	2,761,233	5,886,436
Mideast	North America	58,351	66,091	55,234	57,048	59,785	73,798	84,474	92,782	109,146	125,957	144,445
Mideast	South America	13,157	16,305	19,168	21,234	23,841	37,775	51,296	68,376	120,530	210,706	367,608
Mideast	South America	227	2,230	2,459	2,695	2,960	3,832	4,303	4,943	6,763	9,434	13,186
North America	Africa	30,762	67,183	92,827	104,089	118,089	189,300	236,926	283,363	393,436	529,511	692,012
North America	Asia	4,975,587	6,437,685	7,764,022	8,489,074	9,288,887	13,602,661	16,730,335	19,779,645	27,126,874	36,407,430	47,599,960
North America	Europe	1,974,685	2,761,630	2,863,522	3,140,201	3,494,169	5,251,520	6,687,576	8,162,927	11,707,986	16,209,956	21,737,246
North America	Mideast	32,104	47,691	55,708	59,256	66,692	108,116	137,494	165,679	233,843	320,888	428,353
North America	North America	13,061	34,254	22,211	24,844	26,546	34,602	40,590	44,997	54,107	63,737	74,222
North America	South America	569,218	833,817	1,106,305	1,236,255	1,298,508	1,799,391	2,233,727	2,650,110	3,642,338	4,860,053	6,312,527
North America	South America	432	2,157	2,139	2,456	2,801	4,477	5,743	7,013	10,160	14,325	19,695
South America	Africa	5,571	5,018	5,546	6,320	7,087	11,011	13,218	15,267	20,220	26,452	34,074
South America	Asia	315,412	475,552	562,150	612,370	662,405	917,441	1,100,178	1,314,008	1,968,350	3,181,959	5,567,219
South America	Europe	654,231	947,516	1,106,144	1,273,445	1,458,642	2,441,419	2,938,911	3,370,201	4,411,444	5,742,293	7,431,746
South America	Mideast	8,146	11,388	12,309	13,552	14,841	19,801	21,791	23,761	29,397	37,923	49,880
South America	North America	748,123	696,502	567,023	615,688	637,548	792,803	900,496	980,095	1,158,618	1,366,387	1,604,028
South America	South America	154,476	191,711	239,848	268,659	299,068	470,306	558,661	639,672	835,865	1,094,025	1,424,116
South America	South America	6,443	11,075	13,396	15,111	17,164	27,768	33,195	37,521	47,085	58,415	71,858
South America	Africa	266	1,343	1,189	1,323	1,473	2,156	2,295	2,385	2,579	2,793	3,030
South America	Asia	70,556	121,797	119,942	127,520	136,290	194,061	277,963	404,298	902,348	1,994,063	4,099,854
South America	Europe	139,846	183,088	163,001	182,826	205,074	311,576	337,508	359,242	406,482	460,169	519,251
South America	Mideast	1,540	4,328	3,928	4,213	4,614	6,072	8,574	13,350	33,731	84,707	213,735
South America	North America	88,905	105,635	107,234	109,220	112,056	127,081	127,368	128,579	136,720	151,384	170,439
South America	South America	33,626	49,905	46,973	52,259	58,227	89,860	108,828	134,853	225,002	418,313	859,059
South America	South America	11,121	17,907	16,434	18,131	19,966	28,671	31,878	34,684	40,381	46,622	53,542
Total		**30,161,601**	**40,801,371**	**47,028,723**	**51,136,117**	**55,890,528**	**82,116,732**	**105,044,410**	**133,501,161**	**222,073,016**	**387,583,211**	**643,380,588**
Average Annual Growth Rate			**6.23%**	**4.85%**	**8.73%**	**9.30%**	**8.00%**	**5.05%**	**4.91%**	**5.22%**	**5.73%**	**5.20%**

Containerized WORLD Commodity Forecast For CHEMICALS
Sorted by DESTINATION, by Major Region, 1995-2050, Selected Years
(METRIC TONNES)

Destination	Origin	1995	2000	2003	2004	2005	2010	2015	2020	2030	2040	2050
Africa	Africa	218,342	423,716	446,549	468,440	489,593	625,976	855,441	1,282,437	2,974,035	7,041,453	17,145,922
Africa	Asia	345,604	668,047	716,515	747,440	784,714	1,131,122	1,660,104	2,551,891	5,966,132	13,937,902	33,149,940
Africa	Europe	1,454,846	1,804,003	1,899,212	2,021,425	2,149,032	3,053,474	3,809,898	4,666,839	6,716,940	9,549,349	13,878,396
Africa	Mideast	317,694	620,614	636,709	705,922	781,555	1,343,532	2,343,087	4,258,669	12,396,250	32,396,443	76,957,668
Africa	North America	109,589	151,963	125,526	123,689	124,358	140,862	158,209	178,832	233,516	319,177	469,181
Africa	South America	50,779	76,236	82,520	84,354	87,931	117,904	141,044	162,004	213,225	272,706	345,736
Africa	South America	1,511	3,216	2,967	2,968	3,016	3,464	3,769	4,257	5,979	9,728	17,809
Asia	Africa	263,457	449,501	497,452	542,451	591,477	858,967	1,160,606	1,569,819	2,926,045	5,670,506	11,286,619
Asia	Asia	23,305,153	40,863,341	49,992,415	53,664,713	57,643,427	78,052,964	100,977,500	133,118,158	244,540,114	478,631,573	969,766,814
Asia	Europe	5,312,014	6,596,806	7,337,485	8,011,503	8,707,662	12,675,996	16,922,271	22,996,948	44,526,735	90,659,081	188,634,467
Asia	Mideast	1,433,451	2,245,268	2,455,043	2,586,494	2,684,333	3,240,196	4,091,712	5,258,935	9,823,745	19,408,534	35,926,091
Asia	North America	6,495,834	5,958,462	6,971,986	7,141,491	7,372,622	8,581,454	10,076,138	12,153,505	18,956,598	32,454,894	59,886,272
Asia	South America	243,236	283,205	300,355	319,655	342,368	476,797	622,474	820,022	1,516,264	3,013,220	6,208,460
Asia	South America	3,629	7,516	7,578	8,210	8,943	13,385	18,662	26,985	58,005	127,419	278,756
Europe	Africa	133,825	263,492	314,367	329,220	341,850	436,366	504,269	563,426	694,550	857,889	1,060,963
Europe	Asia	2,159,282	4,090,160	5,323,078	5,460,164	5,475,200	6,590,401	7,473,257	8,351,369	10,881,445	15,365,906	23,771,937
Europe	Europe	8,933,484	12,543,768	14,459,070	14,871,645	15,304,990	17,867,220	19,628,356	21,157,911	25,000,646	30,495,836	38,166,180
Europe	Mideast	816,502	1,324,030	1,494,289	1,543,314	1,583,288	1,879,463	2,160,746	2,423,325	3,165,836	4,521,358	7,362,716
Europe	North America	2,331,422	3,136,147	3,484,872	3,426,942	3,360,682	3,819,684	4,242,336	4,646,186	5,691,951	7,206,157	9,505,116
Europe	South America	319,259	605,751	728,356	752,044	776,331	966,079	1,116,605	1,246,296	1,530,835	1,867,710	2,265,292
Europe	South America	58,498	61,705	76,712	80,116	86,079	105,655	119,230	132,505	163,277	201,010	247,153
Mideast	Africa	43,133	68,741	72,763	79,115	86,048	128,270	184,991	289,367	698,127	1,668,317	3,902,797
Mideast	Asia	550,427	1,227,583	1,310,181	1,408,951	1,490,623	1,940,873	2,333,154	2,897,470	4,613,129	7,793,293	14,366,282
Mideast	Europe	2,074,352	3,190,173	3,648,555	3,988,353	4,317,744	6,124,186	7,197,326	8,621,878	12,334,523	17,529,091	24,712,869
Mideast	Mideast	514,904	1,111,543	1,172,194	1,248,505	1,321,292	1,803,353	2,405,440	3,450,986	7,603,865	16,828,028	32,071,832
Mideast	North America	193,479	244,076	287,851	294,447	302,110	332,523	363,567	403,288	500,143	628,242	796,781
Mideast	South America	34,703	63,252	68,933	73,095	76,584	99,680	115,605	138,578	193,712	269,992	374,629
Mideast	South America	1,190	5,758	6,264	6,824	7,388	10,447	12,108	14,485	20,835	29,902	42,407
North America	Africa	24,646	49,318	63,773	68,154	75,247	95,709	118,151	138,483	190,045	258,913	349,336
North America	Asia	1,781,920	3,272,331	3,925,475	4,000,609	4,197,473	5,028,641	5,719,212	6,272,487	7,708,280	9,732,445	12,402,994
North America	Europe	2,268,340	3,092,684	3,503,928	3,552,033	3,745,655	4,878,843	5,330,697	5,538,451	6,418,250	7,888,312	9,814,684
North America	Mideast	124,573	219,208	225,397	235,740	249,311	302,068	342,725	381,355	471,735	583,479	721,107
North America	North America	201,538	280,608	337,625	355,451	371,346	438,755	497,316	545,944	662,115	809,071	987,448
North America	South America	322,642	506,448	660,845	679,072	719,052	843,379	960,017	1,035,057	1,216,006	1,451,159	1,754,651
North America	South America	4,495	28,521	19,002	20,918	23,112	31,208	38,348	45,095	61,746	83,689	112,083
South America	Africa	25,196	21,268	27,949	30,108	31,859	40,920	45,969	50,506	60,279	71,283	83,952
South America	Asia	250,544	621,510	798,959	874,224	934,247	1,248,354	1,493,069	1,828,027	2,888,041	4,996,843	9,674,942
South America	Europe	871,898	1,142,874	1,393,421	1,534,458	1,661,532	2,337,325	2,674,946	3,015,554	3,797,603	4,757,200	5,953,659
South America	Mideast	32,361	86,191	115,260	119,562	126,262	161,171	180,174	198,472	244,338	317,582	459,280
South America	North America	2,095,334	2,736,216	2,752,157	2,920,042	2,981,818	3,475,293	3,999,560	4,633,921	6,683,528	10,330,197	15,840,957
South America	South America	890,703	1,498,709	1,770,377	1,912,971	2,032,458	2,643,328	3,087,912	3,589,895	4,868,795	6,614,234	8,860,060
South America	South America	29,568	47,097	53,631	56,596	59,668	73,218	83,489	93,110	114,502	141,731	179,749
South America	Africa	824	5,655	5,995	6,267	6,529	7,750	8,410	9,033	10,355	11,944	13,823
South America	Asia	32,811	138,807	147,755	159,812	169,814	225,857	293,995	387,898	725,089	1,438,169	2,913,278
South America	Europe	163,427	181,358	188,176	202,719	214,952	273,051	306,684	339,672	419,607	552,272	819,334
South America	Mideast	2,529	8,369	8,605	9,185	9,688	12,463	15,681	19,462	30,870	49,610	78,246
South America	North America	361,048	451,458	510,285	533,445	552,794	651,130	749,673	852,921	1,104,301	1,396,708	1,700,082
South America	South America	113,460	212,617	215,577	233,417	250,574	350,252	463,915	608,631	1,095,436	2,029,413	3,776,158
South America	South America	62,096	124,394	123,946	131,233	138,121	175,654	219,826	279,621	476,012	807,490	1,311,080
Total		**67,379,549**	**102,813,714**	**120,767,932**	**127,627,510**	**134,852,752**	**175,714,659**	**217,327,672**	**273,249,965**	**463,193,395**	**853,076,458**	**1,650,405,986**
Average Annual Growth Rate			**8.82%**	**5.51%**	**5.68%**	**5.66%**	**5.44%**	**4.34%**	**4.69%**	**5.42%**	**6.30%**	**6.82%**

Containerized WORLD Commodity Forecast For CONSUMER GOODS
Sorted by DESTINATION, by Major Region, 1995-2050, Selected Years
(METRIC TONNES)

Destination	Origin	1995	2000	2003	2004	2005	2010	2015	2020	2030	2040	2050
Africa	Africa	138,511	155,019	163,646	173,835	182,720	220,350	237,894	262,263	328,357	431,074	589,471
Africa	Asia	184,917	344,519	364,047	376,558	400,638	576,054	795,526	1,171,588	2,623,256	5,999,245	14,106,031
Africa	Europe	306,321	457,580	474,535	510,980	556,985	835,524	1,018,995	1,227,889	1,791,984	2,692,975	4,302,924
Africa	Mideast	44,839	103,883	109,988	118,125	126,821	174,525	212,876	260,306	397,393	623,800	1,006,675
Africa	North America	11,320	13,128	12,154	11,594	12,162	14,823	17,159	19,698	27,328	41,407	66,081
Africa	South America	2,200	4,212	4,623	4,725	5,106	7,665	8,978	10,310	13,494	17,688	23,276
Africa	South America	228	431	465	471	486	583	652	726	898	1,111	1,360
Asia	Africa	6,576	10,302	11,146	12,074	13,182	20,435	26,694	34,585	57,343	94,804	158,060
Asia	Asia	5,565,599	9,123,885	10,738,463	11,293,463	11,701,931	15,845,173	18,745,870	22,769,433	34,579,931	53,878,050	86,557,785
Asia	Europe	660,297	978,999	1,116,441	1,190,986	1,279,615	1,871,771	2,376,846	3,025,744	5,055,458	8,674,487	15,220,992
Asia	Mideast	20,819	43,000	47,218	52,009	57,435	88,394	114,690	147,413	239,684	387,555	626,779
Asia	North America	563,194	541,235	560,728	600,918	637,036	802,998	1,015,742	1,314,133	2,348,890	4,427,098	8,524,250
Asia	South America	22,449	28,871	33,559	36,058	38,083	52,907	66,116	83,493	135,300	223,774	379,728
Asia	South America	1,074	1,469	1,522	1,550	1,625	2,154	2,531	2,895	4,030	6,031	9,307
Europe	Africa	352,191	571,610	723,072	724,285	715,198	647,422	644,568	648,929	726,359	866,614	1,054,893
Europe	Asia	3,583,802	6,558,882	8,184,969	8,298,375	8,439,371	9,573,630	10,296,358	11,396,419	14,763,235	20,612,062	31,422,301
Europe	Europe	1,781,337	3,138,308	3,664,239	3,867,005	4,092,735	5,207,129	5,926,066	6,784,808	9,099,516	12,458,779	17,408,994
Europe	Mideast	238,136	445,345	541,907	592,162	647,567	862,407	991,874	1,123,378	1,447,311	1,871,424	2,409,390
Europe	North America	245,569	319,204	366,399	375,780	388,132	448,157	499,467	574,961	824,120	1,309,011	2,284,889
Europe	South America	101,392	171,888	227,240	241,609	256,921	348,931	368,329	419,469	550,538	716,591	922,971
Europe	South America	7,883	15,610	18,374	18,791	19,430	23,296	25,858	28,558	34,880	42,364	51,168
Mideast	Africa	28,346	46,795	46,531	51,221	56,238	78,425	94,402	115,881	174,687	263,024	395,595
Mideast	Asia	605,231	872,209	905,487	945,527	1,001,457	1,319,335	1,632,410	2,129,133	3,848,038	7,277,662	14,470,673
Mideast	Europe	566,070	885,503	975,014	1,085,611	1,217,497	1,849,417	2,264,907	2,797,506	4,264,822	6,527,633	10,186,365
Mideast	Mideast	152,628	246,131	261,557	272,307	282,901	330,277	372,696	424,895	545,741	705,054	924,995
Mideast	North America	16,119	25,302	22,983	24,284	26,164	34,957	42,698	51,396	75,377	113,518	175,509
Mideast	South America	1,988	2,922	3,310	3,657	4,067	6,222	7,706	9,578	14,902	23,452	37,570
Mideast	South America	308	1,393	1,483	1,556	1,637	2,062	2,362	2,681	3,752	6,270	12,290
North America	Africa	13,313	28,086	47,361	50,460	54,228	72,220	84,109	95,379	120,598	149,191	180,942
North America	Asia	6,023,510	10,716,891	13,447,034	14,085,432	15,327,510	21,940,641	25,723,418	29,905,475	40,166,833	53,056,940	68,593,701
North America	Europe	664,265	1,204,376	1,269,099	1,365,560	1,477,345	1,855,092	2,156,432	2,433,538	3,136,855	4,119,013	5,393,789
North America	Mideast	78,719	126,271	156,633	177,631	199,987	230,318	259,967	300,656	401,414	524,332	659,692
North America	North America	7,809	114,116	140,881	148,461	153,873	201,696	236,053	273,789	361,343	471,306	608,601
North America	South America	163,131	243,015	321,984	348,180	355,850	498,962	569,132	665,369	906,685	1,218,041	1,604,438
North America	South America	157,158	590,686	703,932	722,494	756,130	894,648	1,029,488	1,170,178	1,515,132	1,916,611	2,366,692
South America	Africa	429	1,125	1,434	1,583	1,746	2,677	3,189	3,678	4,933	6,673	9,221
South America	Asia	378,044	488,704	588,342	635,175	686,581	974,679	1,132,729	1,310,221	1,830,013	2,706,244	4,261,863
South America	Europe	163,268	280,936	346,023	384,302	423,723	639,470	762,518	884,710	1,183,822	1,588,286	2,165,598
South America	Mideast	2,027	5,047	6,164	6,684	7,172	9,535	10,907	12,232	15,359	19,590	25,903
South America	North America	285,002	372,209	310,299	329,550	346,747	434,314	494,101	548,676	680,869	850,887	1,063,686
South America	South America	130,889	201,298	241,801	264,375	287,289	417,578	493,110	575,965	781,027	1,063,557	1,479,909
South America	South America	34,964	72,479	83,831	88,177	93,047	118,156	129,320	136,858	151,401	171,485	204,603
South America	Africa	872	1,483	1,594	1,768	1,963	2,898	3,196	3,571	4,807	7,201	11,605
South America	Asia	58,377	92,222	94,193	102,649	111,280	163,968	238,646	349,848	764,223	1,666,207	3,613,594
South America	Europe	105,567	94,943	96,095	106,344	116,484	164,660	180,036	195,817	236,244	298,460	401,884
South America	Mideast	793	1,128	1,181	1,260	1,340	1,743	2,083	2,498	3,798	6,200	10,603
South America	North America	165,416	430,022	296,401	309,951	322,420	371,798	401,717	430,972	491,497	558,796	630,019
South America	South America	41,451	103,403	107,134	115,367	123,119	162,008	194,942	239,523	392,265	683,655	1,189,110
South America	South America	105,745	238,262	250,235	275,126	297,406	396,764	463,574	533,596	699,635	915,862	1,180,223
Total		**23,790,095**	**40,514,340**	**48,092,747**	**50,406,045**	**53,308,379**	**70,798,847**	**82,378,940**	**96,910,616**	**137,825,374**	**202,291,094**	**308,985,997**
Average Annual Growth Rate			**11.24%**	**5.88%**	**4.81%**	**5.76%**	**5.84%**	**3.08%**	**3.30%**	**3.58%**	**3.91%**	**4.33%**

Containerized WORLD Commodity Forecast For EXTRACTIVE COMMODITIES
Sorted by DESTINATION, by Major Region, 1995-2050, Selected Years
(METRIC TONNES)

Destination	Origin	1995	2000	2003	2004	2005	2010	2015	2020	2030	2040	2050
Africa	Africa	25,456	39,941	37,375	36,323	35,294	30,885	27,310	25,539	24,259	24,524	25,653
Africa	Asia	16,997	21,943	23,066	23,579	24,120	26,430	27,953	30,046	34,621	40,235	48,125
Africa	Europe	175,800	244,188	233,970	241,669	249,744	287,254	326,723	375,731	524,359	829,798	1,541,281
Africa	Mideast	11,817	20,615	21,366	22,190	22,647	24,599	25,712	26,804	28,791	30,539	32,194
Africa	North America	226,734	48,632	55,931	56,821	57,291	61,476	64,388	65,278	66,348	67,087	67,837
Africa	South America	8,424	15,262	13,963	14,264	15,097	17,349	19,479	21,679	25,642	29,423	33,313
Africa	South America	1	36	38	41	42	46	49	53	60	67	74
Asia	Africa	82,954	99,283	98,491	109,329	119,524	152,068	169,922	194,844	266,873	384,340	579,192
Asia	Asia	4,724,378	6,755,553	7,493,923	7,783,547	8,108,555	8,977,020	9,114,508	9,823,011	12,594,480	18,548,183	31,236,877
Asia	Europe	469,239	922,599	903,314	989,457	1,016,857	1,178,999	1,297,109	1,455,309	1,863,047	2,344,591	2,911,344
Asia	Mideast	305,170	439,923	457,018	500,906	521,568	618,483	673,478	769,210	1,023,476	1,388,608	1,940,222
Asia	North America	2,589,313	3,080,219	3,736,558	4,018,955	4,103,900	4,518,063	4,726,914	4,987,580	5,682,920	6,476,502	7,481,651
Asia	South America	440,983	573,159	606,397	683,756	753,776	891,816	1,005,314	1,166,688	1,665,766	2,560,349	4,159,393
Asia	South America	1,197	1,199	1,383	1,443	1,460	1,607	1,720	1,895	2,377	3,105	4,305
Europe	Africa	132,265	165,668	172,484	174,026	177,664	185,553	181,707	182,251	187,500	197,337	211,155
Europe	Asia	164,645	247,406	300,319	291,925	294,147	321,267	312,111	310,669	318,570	333,996	353,380
Europe	Europe	3,371,495	3,429,994	3,428,673	3,504,203	3,518,091	3,535,517	3,369,080	3,304,472	3,368,334	3,792,653	4,594,840
Europe	Mideast	234,969	466,271	499,052	504,081	521,504	555,966	554,791	566,242	595,254	632,300	674,175
Europe	North America	1,019,700	825,601	1,001,809	1,004,350	1,048,044	1,105,614	1,067,340	1,052,510	1,035,774	1,044,212	1,066,450
Europe	South America	333,591	453,548	506,712	482,656	487,843	546,922	543,725	549,606	569,964	599,815	636,062
Europe	South America	7,916	14,983	16,651	16,839	16,870	17,244	16,676	16,415	16,234	16,175	16,184
Mideast	Africa	3,872	5,458	5,174	5,384	5,706	6,887	6,986	7,397	8,661	10,437	12,714
Mideast	Asia	34,699	62,167	64,134	65,464	65,937	71,291	69,550	71,875	83,537	108,650	161,549
Mideast	Europe	577,298	483,974	504,498	496,135	517,141	508,152	535,566	585,545	725,202	910,474	1,155,856
Mideast	Mideast	90,625	118,478	125,083	128,387	132,230	141,207	139,096	143,537	156,874	175,124	197,447
Mideast	North America	34,246	17,336	46,345	45,808	45,785	52,769	55,697	59,596	69,302	81,617	96,827
Mideast	South America	24,421	45,260	47,231	46,370	46,698	49,969	49,720	51,817	59,385	70,708	85,232
Mideast	South America	6	42	47	50	51	49	48	52	62	73	85
North America	Africa	22,475	23,933	33,741	36,491	38,655	48,001	50,011	50,776	52,951	55,734	58,950
North America	Asia	208,491	221,561	331,505	322,371	329,410	314,338	295,672	277,325	249,780	232,447	224,139
North America	Europe	100,286	163,914	154,562	145,066	141,522	179,188	173,713	166,512	164,236	171,413	185,505
North America	Mideast	16,336	39,744	8,597	9,627	10,647	11,106	11,688	11,983	12,846	13,955	15,270
North America	North America	120,285	233,088	250,062	260,641	256,673	280,922	299,956	318,797	363,640	416,997	479,423
North America	South America	200,457	166,562	177,108	183,366	190,780	209,833	216,386	221,907	236,247	256,791	279,326
North America	South America	9,479	10,182	10,473	10,983	11,299	11,943	12,167	12,431	13,182	14,017	14,904
South America	Africa	1,512	2,023	2,460	2,666	2,801	3,399	3,477	3,612	4,021	4,510	5,037
South America	Asia	7,349	15,133	17,162	17,964	18,454	20,501	20,901	21,478	22,956	24,624	26,410
South America	Europe	56,740	48,776	57,440	59,571	59,657	60,850	61,298	63,307	67,671	72,247	77,118
South America	Mideast	13,385	15,617	19,892	21,334	21,749	21,145	20,425	20,264	20,220	20,311	20,478
South America	North America	381,831	320,063	368,115	387,744	393,752	424,243	436,303	450,365	489,153	533,148	579,385
South America	South America	54,260	79,956	91,669	96,928	100,543	115,273	120,636	128,940	150,658	181,861	230,212
South America	South America	71,663	80,009	88,986	88,154	89,136	87,668	82,348	78,495	71,791	65,789	60,358
South America	Africa	32	235	244	256	265	303	336	363	389	398	402
South America	Asia	353	857	980	1,032	1,074	1,269	1,470	1,712	2,395	3,886	7,168
South America	Europe	9,216	47,951	47,482	50,411	52,383	60,044	66,550	72,136	77,445	79,413	80,160
South America	Mideast	17	300	310	327	341	397	440	478	521	548	570
South America	North America	64,221	10,871	63,633	64,413	65,118	66,093	66,879	67,464	68,706	70,413	72,795
South America	South America	20,827	35,766	33,237	34,105	35,052	41,296	54,493	74,979	167,848	395,499	948,352
South America	South America	6,976	8,037	7,383	8,059	8,557	11,483	16,350	23,286	47,780	96,367	189,079
Total		**16,474,402**	**20,123,316**	**22,166,047**	**23,049,465**	**23,735,450**	**25,853,799**	**26,394,171**	**27,912,265**	**33,282,109**	**43,411,291**	**62,878,455**
Average Annual Growth Rate			**4.08%**	**3.28%**	**3.99%**	**2.98%**	**1.72%**	**0.41%**	**1.12%**	**1.78%**	**2.69%**	**3.77%**

Containerized WORLD Commodity Forecast For FOOD
Sorted by DESTINATION, by Major Region, 1995-2050, Selected Years
(METRIC TONNES)

Destination	Origin	1995	2000	2003	2004	2005	2010	2015	2020	2030	2040	2050
Africa	Africa	983,503	1,156,633	1,253,678	1,265,080	1,261,594	1,237,505	1,292,152	1,548,786	2,823,133	6,053,183	14,171,151
Africa	Asia	787,030	1,281,499	1,436,622	1,412,276	1,389,062	1,367,232	1,367,061	1,448,451	1,827,323	2,690,995	4,674,144
Africa	Europe	4,128,137	3,974,807	4,309,183	4,504,718	4,581,255	4,787,178	4,903,761	5,132,651	5,713,755	6,505,490	7,797,288
Africa	Mideast	352,052	311,735	347,995	321,892	299,256	230,460	208,071	209,227	252,337	366,485	628,000
Africa	North America	93,711	128,847	186,897	183,238	182,367	205,157	212,726	224,973	251,429	279,382	308,849
Africa	South America	205,560	297,455	316,129	337,747	339,982	382,908	409,149	447,146	575,474	830,701	1,388,528
Africa	South America	18,137	30,126	31,433	31,649	31,443	31,367	33,284	39,342	70,985	152,739	330,659
Asia	Africa	458,635	630,601	702,488	719,148	753,626	888,354	938,299	1,006,517	1,180,670	1,388,460	1,624,802
Asia	Asia	15,309,215	22,528,003	23,307,684	24,080,290	24,908,327	29,863,001	33,582,991	38,312,262	51,430,295	72,515,253	105,985,111
Asia	Europe	4,936,818	6,581,318	7,445,144	7,570,978	7,825,695	9,528,154	10,269,867	11,095,206	13,296,574	15,919,767	18,592,245
Asia	Mideast	297,591	668,063	734,817	748,207	772,207	835,899	887,761	968,363	1,185,063	1,545,947	1,959,726
Asia	North America	8,627,254	10,255,123	10,269,425	10,709,651	11,135,955	13,277,732	14,332,129	15,627,340	18,513,950	21,959,304	24,886,544
Asia	South America	1,688,996	2,035,934	2,296,727	2,441,579	2,568,976	3,358,915	3,913,068	4,681,512	7,082,722	11,600,720	20,854,183
Asia	South America	76,542	114,931	135,527	137,795	145,594	181,779	195,567	209,750	245,203	288,286	336,526
Europe	Africa	1,302,185	1,651,250	1,946,106	1,945,095	1,996,881	2,256,039	2,323,435	2,392,495	2,547,868	2,724,357	2,911,070
Europe	Asia	8,282,983	11,417,707	13,771,112	14,463,735	14,660,553	14,605,472	14,704,026	15,360,209	17,099,420	19,775,424	23,841,146
Europe	Europe	11,582,153	12,624,273	14,622,479	15,036,084	15,406,687	16,650,993	17,139,608	17,918,178	20,096,158	23,826,208	31,209,285
Europe	Mideast	1,392,410	1,485,461	1,622,643	1,639,973	1,713,150	1,678,866	1,668,375	1,683,921	1,769,692	1,960,984	2,287,570
Europe	North America	2,398,724	2,725,828	3,050,281	3,192,567	3,300,724	3,515,501	3,602,326	3,768,012	4,172,791	4,632,456	5,120,509
Europe	South America	2,273,765	2,812,913	3,632,425	3,767,009	3,925,084	4,703,638	4,964,145	5,336,851	6,382,518	8,247,212	12,092,909
Europe	South America	261,893	499,300	633,041	642,473	655,207	709,185	726,051	761,558	848,237	966,263	1,151,738
Mideast	Africa	120,963	228,557	248,118	260,837	273,629	339,989	386,997	445,491	586,178	754,946	950,170
Mideast	Asia	1,635,916	2,004,186	2,156,613	2,228,883	2,328,482	2,691,705	2,986,426	3,373,465	4,312,276	5,510,811	7,023,942
Mideast	Europe	2,731,653	3,369,233	3,749,126	4,012,995	4,260,006	5,523,440	6,362,003	7,429,797	10,049,059	13,349,341	17,529,441
Mideast	Mideast	866,743	1,323,078	1,434,762	1,504,186	1,585,700	1,879,289	2,116,389	2,435,353	3,247,222	4,359,189	6,005,217
Mideast	North America	115,429	254,763	282,200	299,571	307,032	448,843	513,208	586,856	753,598	939,025	1,133,063
Mideast	South America	484,489	972,267	993,203	1,044,899	1,106,322	1,402,402	1,556,506	1,749,462	2,201,712	2,746,829	3,374,064
Mideast	South America	46,908	71,851	76,220	74,883	74,945	69,288	64,476	63,014	65,808	79,366	104,192
North America	Africa	67,766	113,460	136,637	154,811	177,013	239,974	262,896	283,453	323,701	363,442	402,296
North America	Asia	3,052,310	4,365,041	5,611,963	5,451,481	5,764,064	6,968,010	7,398,852	7,850,085	8,791,409	9,796,677	10,844,777
North America	Europe	3,646,020	5,484,810	6,067,796	6,440,386	7,064,301	8,095,291	8,572,001	9,037,399	10,001,913	10,926,672	11,763,548
North America	Mideast	195,803	174,122	216,416	239,530	269,548	321,607	351,602	379,890	438,910	499,869	561,069
North America	North America	68,397	109,787	922,728	983,507	1,047,747	1,465,425	1,688,598	1,902,267	2,351,840	2,823,521	3,302,357
North America	South America	1,000,229	1,356,561	1,776,035	1,866,845	1,953,823	2,443,116	2,608,897	2,781,994	3,144,222	3,508,881	3,882,312
North America	South America	113,222	164,648	205,194	206,221	215,727	226,451	223,812	223,258	221,664	218,945	219,069
South America	Africa	249,351	24,092	29,197	29,854	30,902	37,409	40,784	43,895	52,239	61,929	71,891
South America	Asia	254,919	255,897	304,456	320,048	330,486	382,556	415,766	448,148	515,503	588,068	665,279
South America	Europe	1,675,736	1,276,666	1,528,523	1,629,377	1,738,299	2,300,804	2,563,655	2,810,891	3,329,090	3,871,383	4,428,708
South America	Mideast	35,445	32,005	41,124	43,555	45,915	57,744	64,430	71,220	86,940	107,545	139,139
South America	North America	1,068,085	826,425	899,993	949,178	1,016,932	1,459,604	1,651,992	1,845,196	2,259,988	2,709,326	3,181,602
South America	South America	1,346,159	2,223,213	2,695,657	2,836,361	3,019,366	4,084,383	4,610,827	5,181,285	6,581,818	8,449,266	10,918,865
South America	South America	164,143	235,860	268,637	284,931	289,465	324,066	346,910	370,881	423,317	481,854	549,457
South America	Africa	13,132	16,989	18,617	19,501	19,847	21,346	22,710	25,252	34,874	54,833	98,527
South America	Asia	164,961	137,304	152,497	149,739	146,276	128,070	120,512	124,149	157,343	244,675	428,340
South America	Europe	1,076,672	957,084	1,033,840	1,084,597	1,123,247	1,247,697	1,261,228	1,284,691	1,317,250	1,346,121	1,378,948
South America	Mideast	5,384	13,113	14,614	14,450	14,174	13,087	13,427	15,508	26,138	52,239	114,394
South America	North America	247,052	413,453	440,925	461,660	474,515	497,670	507,230	534,998	641,343	865,898	1,269,454
South America	South America	357,415	651,757	665,515	702,538	732,514	899,661	1,113,733	1,431,123	2,619,404	5,114,004	9,923,522
South America	South America	285,801	644,399	638,554	660,835	682,300	808,787	1,010,228	1,348,952	2,716,117	5,506,834	9,899,667
Total		**86,547,398**	**110,912,424**	**124,660,995**	**129,106,843**	**133,946,202**	**154,673,053**	**166,509,948**	**182,250,726**	**224,616,474**	**289,561,104**	**392,315,292**
Average Annual Growth Rate			**5.09%**	**3.97%**	**3.57%**	**3.75%**	**2.92%**	**1.49%**	**1.82%**	**2.11%**	**2.57%**	**3.08%**

Containerized WORLD Commodity Forecast For FUELS
Sorted by DESTINATION, by Major Region, 1995-2050, Selected Years
(METRIC TONNES)

Destination	Origin	1995	2000	2003	2004	2005	2010	2015	2020	2030	2040	2050
Africa	Africa	157	133	120	120	120	123	124	128	137	147	160
Africa	Asia	113	188	197	203	208	244	275	310	388	478	587
Africa	Europe	49,776	67,613	68,590	71,017	73,491	89,481	107,065	126,165	168,289	219,340	282,430
Africa	Mideast	125	895	930	948	962	1,057	1,152	1,238	1,399	1,564	1,746
Africa	North America	608	1,383	2,539	2,524	2,582	2,329	2,147	2,138	2,137	2,121	2,066
Africa	South America	37	15	14	15	15	17	18	20	22	25	28
Africa	South America	1	0	0	0	0	0	0	0	1	1	1
Asia	Africa	17	21	19	20	20	23	27	34	55	93	162
Asia	Asia	520,591	806,626	892,743	943,029	1,006,917	1,355,025	1,758,145	2,314,794	4,237,341	8,142,106	15,941,625
Asia	Europe	59,966	69,645	75,925	83,059	91,247	137,019	195,432	279,344	589,843	1,274,047	2,715,818
Asia	Mideast	39	1,434	1,491	1,573	1,658	1,860	2,087	2,364	3,027	3,760	4,448
Asia	North America	77,600	106,130	249,866	245,718	245,381	227,418	216,022	214,657	236,388	302,961	431,531
Asia	South America	87	1,885	2,166	2,251	2,332	2,689	3,154	3,864	6,554	11,747	22,966
Asia	South America	29	15	19	21	22	32	44	62	109	197	337
Europe	Africa	6	4	5	5	5	6	7	8	10	12	15
Europe	Asia	23,974	4,779	5,009	5,378	5,665	7,347	8,843	10,345	14,020	18,942	25,442
Europe	Europe	935,614	1,009,845	1,112,105	1,085,433	1,109,743	1,220,938	1,309,794	1,401,493	1,624,860	1,896,425	2,221,572
Europe	Mideast	12,750	6,738	7,885	7,896	8,341	9,764	10,774	11,728	13,816	16,214	18,997
Europe	North America	17,754	27,839	31,647	32,885	32,610	28,686	26,298	24,870	23,285	22,690	23,338
Europe	South America	2,471	4,313	4,230	4,185	4,346	4,737	4,965	5,111	5,451	5,920	6,576
Europe	South America	110	114	116	114	119	139	152	162	183	207	235
Mideast	Africa	0	2	2	2	2	2	3	3	4	6	7
Mideast	Asia	1,734	11,416	11,101	11,701	12,183	14,708	17,290	20,224	27,149	35,999	47,110
Mideast	Europe	127,607	217,668	237,349	245,343	252,503	300,812	344,525	394,604	517,342	674,957	872,309
Mideast	Mideast	2,281	8,630	10,099	10,078	10,070	10,238	10,436	10,778	11,640	12,628	13,601
Mideast	North America	4,044	1,838	858	830	845	768	731	741	758	769	767
Mideast	South America	219	874	990	994	998	1,040	1,080	1,132	1,274	1,440	1,613
Mideast	South America	1	2	2	2	2	2	2	2	3	3	4
North America	Africa	0	0	0	0	0	0	0	0	0	0	0
North America	Asia	5,210	7,026	42,879	48,327	50,797	59,815	68,439	76,660	95,611	119,727	152,241
North America	Europe	24,032	33,072	51,337	58,468	61,314	74,197	86,693	99,527	129,807	167,162	212,383
North America	Mideast	0	262	10,183	11,717	12,448	14,876	16,805	18,383	21,253	23,720	25,679
North America	North America	615	10,074	9,425	9,925	10,044	10,659	11,172	12,064	13,995	16,210	18,720
North America	South America	810	7,123	503,356	575,185	607,148	709,853	805,053	891,181	1,088,768	1,341,382	1,684,774
North America	South America	9	19	21	23	24	28	32	35	43	52	64
South America	Africa	1	3	4	4	4	4	5	5	5	7	7
South America	Asia	2,131	4,800	5,061	5,361	5,545	6,788	7,986	9,604	11,893	14,881	18,436
South America	Europe	34,837	22,049	26,264	28,334	29,501	36,289	41,918	46,819	57,311	69,719	84,852
South America	Mideast	17	12	12	13	13	15	16	17	18	19	20
South America	North America	23,606	38,513	65,346	65,917	65,514	64,652	64,713	66,922	70,931	74,502	77,655
South America	South America	15,589	33,588	38,517	41,838	43,707	55,319	64,736	73,761	94,138	118,686	147,960
South America	South America	2,644	1,012	1,123	1,194	1,236	1,423	1,572	1,658	1,823	2,004	2,221
South America	Africa	0	0	0	0	0	0	0	0	0	0	0
South America	Asia	351	851	788	814	835	957	1,052	1,129	1,241	1,338	1,426
South America	Europe	31,461	53,582	53,766	54,863	56,101	63,965	69,524	73,860	79,363	83,104	86,261
South America	Mideast	170	32	31	31	31	32	32	32	31	29	28
South America	North America	12,784	13,214	48,399	48,668	48,747	49,607	50,190	50,494	50,594	50,370	49,879
South America	South America	14,148	22,485	21,821	21,651	21,688	22,321	22,640	22,916	23,163	23,271	23,315
South America	South America	563	1,331	1,309	1,332	1,350	1,454	1,535	1,604	1,719	1,823	1,923
Total		**2,006,690**	**2,599,091**	**3,595,660**	**3,729,010**	**3,878,435**	**4,588,757**	**5,334,707**	**6,272,991**	**9,227,194**	**14,752,803**	**25,223,335**
Average Annual Growth Rate			**5.31%**	**11.43%**	**3.71%**	**4.01%**	**3.42%**	**3.06%**	**3.29%**	**3.93%**	**4.80%**	**5.51%**

Containerized WORLD Commodity Forecast For HI-TECH PRODUCTS
Sorted by DESTINATION, by Major Region, 1995-2050, Selected Years
(METRIC TONNES)

Destination	Origin	1995	2000	2003	2004	2005	2010	2015	2020	2030	2040	2050
Africa	Africa	9,035	15,565	13,609	15,051	16,654	24,565	26,143	28,405	34,349	44,453	61,180
Africa	Asia	61,648	100,838	92,165	96,313	103,535	156,906	220,653	307,487	590,090	1,141,570	2,245,941
Africa	Europe	118,269	156,002	145,520	164,716	187,250	321,282	428,441	558,206	943,416	1,657,377	3,090,631
Africa	Mideast	4,903	11,834	10,917	11,784	12,878	20,200	29,033	39,686	68,903	120,201	214,749
Africa	North America	3,552	3,406	2,797	2,914	3,026	4,021	4,953	6,012	9,093	14,603	25,937
Africa	South America	161	1,586	1,479	1,710	1,966	3,525	4,797	6,144	9,518	14,074	20,080
Africa	South America	65	199	220	228	246	373	440	511	675	886	1,132
Asia	Africa	361	2,033	1,735	1,947	2,212	3,785	5,627	8,453	19,111	43,652	98,281
Asia	Asia	2,680,406	4,430,205	4,156,711	4,660,398	5,170,120	8,381,730	11,882,473	16,984,556	35,333,813	74,689,886	151,493,839
Asia	Europe	204,007	275,974	301,931	339,007	382,346	620,124	863,632	1,266,249	2,711,739	5,841,151	12,713,905
Asia	Mideast	4,302	10,014	9,401	10,429	11,523	18,511	26,496	37,700	74,649	147,321	291,773
Asia	North America	235,223	228,056	236,267	256,560	276,947	392,256	532,046	739,783	1,479,734	3,060,114	6,428,426
Asia	South America	1,359	8,741	8,995	10,301	11,810	20,685	31,227	50,427	123,643	291,227	673,022
Asia	South America	508	309	319	360	409	678	965	1,394	2,823	5,636	11,128
Europe	Africa	8,598	19,821	23,933	25,958	28,605	44,246	55,669	67,355	95,162	130,602	175,687
Europe	Asia	1,390,693	2,530,547	2,710,766	2,906,173	3,064,304	4,377,532	5,668,748	7,103,281	10,708,532	15,666,653	22,534,588
Europe	Europe	462,987	1,036,294	1,210,514	1,315,443	1,466,188	2,322,358	3,120,500	4,059,418	6,621,838	10,542,282	16,497,113
Europe	Mideast	25,729	117,259	150,106	159,812	174,214	278,663	377,733	488,849	771,181	1,166,890	1,721,970
Europe	North America	95,809	145,713	145,584	151,014	159,811	214,122	256,259	305,908	440,761	648,741	991,238
Europe	South America	6,276	14,624	16,010	17,682	19,918	34,105	49,084	67,385	114,856	182,963	277,773
Europe	South America	1,675	1,287	1,402	1,501	1,641	2,520	3,110	3,743	5,328	7,526	10,602
Mideast	Africa	2,892	4,848	4,493	5,050	5,709	8,471	10,219	12,515	18,921	28,891	45,205
Mideast	Asia	171,744	232,267	209,049	225,292	246,816	369,552	505,241	689,786	1,265,683	2,306,400	4,221,938
Mideast	Europe	97,909	216,562	224,775	257,943	296,582	508,871	708,282	967,627	1,756,494	3,095,969	5,268,774
Mideast	Mideast	13,015	27,626	26,125	29,482	33,407	53,144	70,600	92,873	158,525	269,691	467,078
Mideast	North America	4,685	8,953	8,462	8,755	9,265	12,467	15,309	18,343	25,674	35,019	46,712
Mideast	South America	204	241	250	280	317	516	699	914	1,463	2,233	3,300
Mideast	South America	88	76	75	85	97	171	265	433	1,092	2,646	6,440
North America	Africa	324	403	797	912	1,044	1,707	2,241	2,832	4,308	6,303	8,958
North America	Asia	2,214,078	3,757,633	3,725,461	3,939,971	4,291,290	6,717,384	8,994,651	11,479,722	17,621,979	25,562,920	35,395,007
North America	Europe	110,736	116,964	140,837	150,427	167,700	261,823	334,135	410,201	595,332	839,430	1,158,707
North America	Mideast	1,952	5,276	4,419	4,934	5,512	8,531	10,610	12,749	17,748	23,950	31,614
North America	North America	996	4,946	5,488	6,202	6,793	10,166	13,705	17,503	27,468	41,359	60,427
North America	South America	6,211	20,673	23,513	27,090	31,184	55,653	84,146	116,324	200,303	321,894	493,697
North America	South America	104	470	758	839	937	1,424	1,739	2,073	2,794	3,632	4,624
South America	Africa	48	95	79	88	100	162	204	249	370	553	849
South America	Asia	202,953	256,472	259,579	287,653	318,267	500,355	655,968	824,460	1,290,064	2,040,442	3,358,442
South America	Europe	38,738	65,390	74,534	84,806	96,678	160,460	196,656	232,127	316,979	427,036	571,006
South America	Mideast	897	1,774	1,570	1,763	1,918	2,889	3,617	4,320	5,958	7,987	10,527
South America	North America	131,341	176,418	124,815	136,117	145,456	203,909	261,286	325,184	512,988	846,255	1,509,769
South America	South America	15,456	41,887	50,426	56,276	63,008	97,669	116,731	135,738	180,523	238,418	315,370
South America	South America	2,747	4,428	5,287	5,649	6,059	8,183	9,629	11,128	14,587	18,874	24,089
South America	Africa	11	24	22	24	27	43	48	52	61	69	79
South America	Asia	19,759	15,432	13,923	14,900	16,085	24,006	32,684	45,358	91,177	187,809	378,265
South America	Europe	20,038	18,322	16,999	19,046	21,276	33,863	41,706	52,316	89,416	165,936	297,414
South America	Mideast	149	476	451	482	548	818	966	1,069	1,362	1,691	2,028
South America	North America	13,012	22,134	24,453	26,791	29,388	46,137	68,984	107,476	258,533	612,411	1,381,910
South America	South America	5,526	11,303	10,795	11,612	12,530	17,554	20,008	22,811	29,916	40,380	57,611
South America	South America	7,164	7,464	7,683	7,651	7,646	7,894	8,433	9,620	14,554	24,987	46,993
Total		**8,398,342**	**14,128,863**	**14,205,503**	**15,459,422**	**16,911,246**	**26,356,010**	**35,756,790**	**47,726,756**	**84,663,488**	**152,570,994**	**274,745,827**
Average Annual Growth Rate			**10.96%**	**0.18%**	**8.83%**	**9.39%**	**9.28%**	**6.29%**	**5.95%**	**5.90%**	**6.07%**	**6.06%**

Containerized WORLD Commodity Forecast For INTERMEDIATE MANUFACTURED PRODUCTS
Sorted by DESTINATION, by Major Region, 1995-2050, Selected Years
(METRIC TONNES)

Destination	Origin	1995	2000	2003	2004	2005	2010	2015	2020	2030	2040	2050
Africa	Africa	665,862	795,553	815,011	852,517	886,542	1,086,580	1,276,951	1,563,018	2,459,468	4,236,790	8,033,051
Africa	Asia	597,263	1,859,386	2,006,887	2,153,390	2,310,601	3,462,604	4,723,034	6,565,356	13,079,502	26,765,968	55,218,811
Africa	Europe	1,790,331	1,880,027	2,020,973	2,218,382	2,418,344	3,685,728	4,795,135	6,052,408	9,188,923	13,637,042	20,059,199
Africa	Mideast	226,383	706,640	724,053	793,915	858,008	1,258,807	1,648,899	2,104,350	3,270,281	5,024,553	7,754,977
Africa	North America	30,944	32,744	38,876	37,682	36,569	42,384	47,358	51,881	61,445	72,022	83,918
Africa	South America	38,591	58,128	65,725	69,599	74,487	109,529	147,562	198,875	365,168	695,868	1,402,109
Africa	South America	687	5,002	5,582	5,864	6,209	8,609	11,118	14,571	25,609	47,208	93,889
Asia	Africa	555,418	902,417	993,460	1,060,198	1,133,452	1,399,908	1,788,543	2,351,953	4,096,475	7,113,063	12,307,638
Asia	Asia	30,772,469	42,488,188	50,795,023	54,677,619	59,593,767	80,808,391	103,912,264	136,465,128	246,189,038	466,959,586	909,891,724
Asia	Europe	4,333,922	4,384,576	5,145,538	5,485,845	5,930,145	8,722,803	12,053,911	17,294,402	36,709,252	80,255,716	173,918,918
Asia	Mideast	1,136,844	1,277,177	1,434,695	1,505,062	1,560,253	1,934,289	2,479,311	3,338,094	6,241,728	11,976,466	22,952,620
Asia	North America	2,722,473	1,524,509	2,008,074	2,107,996	2,175,272	2,594,710	3,134,442	3,717,681	5,580,076	9,103,736	15,872,557
Asia	South America	962,284	938,140	1,015,033	1,050,688	1,067,147	1,276,780	1,566,392	2,027,306	3,790,970	7,878,940	16,809,448
Asia	South America	3,205	3,183	3,368	3,595	3,865	5,215	6,797	9,075	16,563	30,744	57,424
Europe	Africa	345,314	673,239	900,332	975,525	1,024,722	1,219,120	1,423,330	1,614,721	2,054,217	2,606,290	3,327,558
Europe	Asia	3,828,554	8,500,522	11,648,418	12,055,679	12,505,848	15,926,504	18,703,633	21,477,527	28,408,965	38,472,367	54,648,376
Europe	Europe	7,400,395	10,834,428	13,251,698	13,726,951	14,389,504	18,022,985	21,474,415	24,824,310	32,639,345	43,000,430	57,257,158
Europe	Mideast	706,303	2,193,468	2,842,015	3,062,986	3,254,125	4,059,206	4,902,476	5,768,251	7,810,940	10,580,231	14,841,718
Europe	North America	1,276,154	1,272,135	1,678,744	1,736,776	1,816,850	2,128,000	2,496,420	2,819,342	3,549,627	4,538,911	6,046,054
Europe	South America	537,541	935,999	1,224,185	1,286,746	1,335,224	1,487,641	1,691,254	1,854,371	2,143,565	2,394,417	2,690,840
Europe	South America	37,639	18,802	24,395	25,200	25,966	29,186	32,834	35,952	43,643	53,961	68,290
Mideast	Africa	147,831	159,230	164,824	181,005	195,491	257,801	316,724	402,059	659,941	1,130,560	2,041,110
Mideast	Asia	1,659,568	3,211,299	3,357,681	3,592,819	3,830,439	5,127,602	6,320,341	8,148,570	14,158,248	25,896,330	47,938,302
Mideast	Europe	2,903,092	3,498,280	3,990,875	4,358,708	4,731,091	6,731,294	8,114,118	9,876,305	14,575,689	21,496,353	31,544,465
Mideast	Mideast	1,277,917	1,671,985	1,720,237	1,848,310	1,969,832	2,524,810	2,968,557	3,613,594	5,412,351	8,297,132	13,064,428
Mideast	North America	132,877	84,233	90,382	92,724	91,714	113,248	130,319	145,524	180,565	224,240	280,294
Mideast	South America	32,366	45,622	56,633	60,912	66,154	93,091	120,517	163,366	311,295	620,162	1,302,712
Mideast	South America	875	2,062	2,424	2,565	2,752	3,526	4,104	4,989	7,798	12,778	21,620
North America	Africa	123,834	198,014	207,132	226,961	240,593	245,957	260,282	274,458	318,569	369,761	431,243
North America	Asia	6,003,531	11,361,032	13,287,532	14,054,454	15,257,268	20,944,040	26,604,150	32,157,111	46,084,778	64,918,362	90,010,795
North America	Europe	3,444,908	5,726,657	5,455,203	6,047,080	6,793,413	9,480,023	11,588,138	13,677,028	18,783,791	25,525,718	34,396,772
North America	Mideast	121,263	381,119	546,193	618,530	696,190	931,122	1,117,619	1,305,326	1,757,330	2,340,850	3,086,043
North America	North America	225,991	105,985	117,760	129,011	141,275	198,722	272,920	350,691	544,112	807,463	1,158,489
North America	South America	892,578	1,688,294	2,688,087	2,818,953	3,069,359	4,032,804	4,871,717	5,715,017	7,721,044	10,301,940	13,708,604
North America	South America	36,214	63,094	81,060	91,982	103,654	153,624	211,012	270,992	427,462	646,546	943,530
South America	Africa	18,752	21,181	26,149	29,286	31,544	42,669	50,334	57,634	73,614	92,688	116,198
South America	Asia	465,858	873,898	1,077,187	1,163,868	1,253,541	1,765,533	2,225,621	2,876,513	5,097,383	9,770,368	19,729,951
South America	Europe	608,317	925,781	1,190,287	1,317,383	1,443,351	2,129,534	2,505,779	2,886,619	3,775,987	4,913,975	6,415,281
South America	Mideast	11,519	34,344	39,369	42,969	46,389	64,809	78,690	93,034	126,473	169,463	226,250
South America	North America	792,910	750,095	665,016	714,136	741,357	909,669	1,049,572	1,179,026	1,460,648	1,792,686	2,194,890
South America	South America	984,495	1,139,872	1,456,577	1,563,131	1,671,992	2,286,193	2,730,854	3,262,649	4,744,858	7,264,932	11,988,117
South America	South America	119,567	265,665	334,341	361,453	388,057	512,516	565,813	617,859	732,342	877,527	1,082,440
South America	Africa	3,054	4,361	4,477	4,779	5,041	6,229	6,786	7,346	8,674	10,485	12,913
South America	Asia	129,614	307,921	328,152	353,783	379,628	541,068	787,167	1,164,236	2,614,341	5,859,350	12,649,701
South America	Europe	381,492	347,509	364,996	399,625	432,578	586,045	645,300	695,149	784,256	875,118	977,468
South America	Mideast	14,051	38,608	39,799	42,529	44,719	51,349	54,088	55,765	58,040	60,009	62,723
South America	North America	370,353	336,748	334,597	356,401	376,739	478,876	570,007	688,511	1,127,090	2,105,478	3,791,763
South America	South America	344,782	587,755	639,908	687,813	733,904	1,021,944	1,399,546	2,060,374	4,687,001	10,938,821	25,269,250
South America	South America	300,511	474,273	514,656	546,298	572,381	743,141	972,070	1,371,742	2,954,400	6,716,340	15,389,667
Total		**79,516,698**	**115,589,181**	**137,423,621**	**146,599,684**	**157,717,346**	**211,246,223**	**264,858,228**	**333,270,058**	**546,912,879**	**949,479,741**	**1,723,171,295**
Average Annual Growth Rate			**7.77%**	**5.94%**	**6.68%**	**7.58%**	**6.02%**	**4.63%**	**4.70%**	**5.08%**	**5.67%**	**6.14%**

Containerized WORLD Commodity Forecast For MATERIALS
Sorted by DESTINATION, by Major Region, 1995-2050, Selected Years
(METRIC TONNES)

Destination	Origin	1995	2000	2003	2004	2005	2010	2015	2020	2030	2040	2050
Africa	Africa	210,816	285,504	301,731	302,685	303,537	313,286	341,810	403,228	658,824	1,274,531	2,757,335
Africa	Asia	603,973	905,540	937,621	958,573	991,366	1,312,263	1,782,371	2,622,975	5,960,276	13,696,451	31,484,447
Africa	Europe	1,349,851	1,848,425	1,967,155	2,026,666	2,075,377	2,469,052	2,809,697	3,140,535	3,895,450	4,902,984	6,235,427
Africa	Mideast	92,512	204,692	211,218	215,095	217,990	243,520	269,144	298,376	386,567	569,071	983,696
Africa	North America	108,462	95,324	108,392	112,044	114,611	156,601	241,251	412,309	1,122,896	2,874,259	7,268,327
Africa	South America	60,012	58,126	55,959	50,539	46,559	37,356	36,393	41,324	65,135	120,457	252,151
Africa	South America	569	2,145	2,090	2,087	2,098	2,191	2,204	2,216	2,270	2,378	2,542
Asia	Africa	227,950	302,212	353,407	359,243	373,928	474,125	580,601	727,342	1,226,815	2,320,775	4,802,606
Asia	Asia	18,342,271	29,795,056	34,638,585	36,289,732	37,549,810	47,517,462	57,297,095	73,949,966	130,078,857	244,126,836	474,811,436
Asia	Europe	3,549,196	6,229,431	7,627,377	7,794,634	8,028,862	9,462,395	11,225,961	14,019,175	23,852,636	45,601,491	94,568,799
Asia	Mideast	86,989	193,993	204,563	209,894	215,840	269,123	337,105	448,662	858,646	1,790,223	3,947,527
Asia	North America	12,006,501	10,799,825	14,699,991	14,831,329	14,407,295	12,363,643	11,021,172	10,813,972	10,855,712	11,485,911	12,737,056
Asia	South America	564,428	650,986	915,167	910,989	917,517	981,796	1,032,012	1,180,845	1,649,890	2,600,261	4,707,850
Asia	South America	15,331	21,256	27,879	26,898	26,625	33,406	37,043	42,207	56,301	77,183	109,628
Europe	Africa	432,969	608,321	775,544	812,300	830,573	784,631	794,563	834,692	928,165	1,041,106	1,191,725
Europe	Asia	3,210,207	5,133,186	6,468,868	6,436,041	6,446,119	7,353,422	8,136,075	9,260,067	13,133,252	20,918,612	37,737,361
Europe	Europe	5,564,422	7,793,107	9,550,213	9,512,034	9,364,859	9,075,301	8,954,205	9,090,427	9,793,769	11,216,451	13,720,076
Europe	Mideast	385,480	745,443	906,248	961,325	1,013,070	1,078,536	1,158,868	1,253,442	1,512,491	1,924,433	2,622,027
Europe	North America	3,546,256	3,443,140	3,560,761	3,732,707	3,803,591	3,122,416	2,892,999	3,006,497	3,356,336	3,853,516	4,554,575
Europe	South America	844,897	1,067,085	1,563,440	1,615,119	1,646,271	1,732,329	1,720,994	1,783,720	1,962,787	2,232,850	2,623,551
Europe	South America	22,233	33,641	44,697	45,977	47,074	49,286	49,709	50,863	56,008	65,471	79,874
Mideast	Africa	58,870	81,654	88,862	91,331	94,287	104,678	116,439	133,807	182,876	261,356	394,719
Mideast	Asia	1,675,814	2,431,216	2,554,785	2,709,835	2,810,923	3,490,509	4,217,410	5,353,422	9,596,478	19,427,007	42,857,072
Mideast	Europe	1,809,829	2,483,319	2,912,193	3,064,031	3,223,551	3,996,093	4,602,532	5,353,526	7,262,347	9,926,627	13,808,158
Mideast	Mideast	369,839	570,791	593,245	619,324	640,852	708,484	789,923	890,039	1,154,165	1,558,556	2,151,459
Mideast	North America	381,326	421,210	381,711	382,712	379,912	382,444	384,545	400,113	438,821	489,221	555,602
Mideast	South America	132,922	102,163	113,101	114,742	117,070	120,628	125,702	135,591	162,839	201,847	254,773
Mideast	South America	750	1,412	1,705	1,745	1,774	1,934	2,115	2,320	2,839	3,491	4,170
North America	Africa	18,887	26,502	50,764	47,771	46,783	47,654	49,717	52,631	60,932	72,293	86,623
North America	Asia	2,617,029	5,095,531	6,506,932	6,503,704	6,675,769	7,604,698	8,211,367	8,743,291	10,261,050	12,221,182	14,389,703
North America	Europe	1,476,708	2,695,747	3,230,240	3,146,110	3,134,221	3,223,983	3,227,546	3,290,423	3,632,211	4,169,598	4,867,808
North America	Mideast	47,606	152,421	189,949	202,410	217,322	262,420	284,505	310,884	379,466	470,046	584,951
North America	North America	144,660	339,431	384,024	401,751	418,040	456,020	487,968	513,724	567,061	628,480	697,300
North America	South America	598,579	1,157,599	1,852,211	1,849,294	1,909,897	2,411,043	2,634,129	2,832,793	3,267,513	3,787,711	4,421,988
North America	South America	49,073	53,152	83,332	80,473	81,288	87,441	93,977	99,913	112,192	126,578	144,418
South America	Africa	41,938	35,406	45,210	46,845	47,908	55,870	61,567	66,630	75,875	88,847	115,287
South America	Asia	369,759	621,000	733,794	772,767	810,568	1,062,919	1,181,504	1,351,304	1,982,525	3,497,660	7,175,961
South America	Europe	509,828	731,364	995,792	1,047,548	1,096,836	1,364,907	1,555,828	1,739,620	2,142,403	2,650,728	3,301,154
South America	Mideast	9,954	8,850	10,986	11,793	12,393	17,188	18,736	19,940	22,528	31,056	56,259
South America	North America	1,776,243	1,701,799	1,690,798	1,700,313	1,688,884	1,714,729	1,740,152	1,802,112	1,977,651	2,215,529	2,521,858
South America	South America	515,729	820,660	1,025,285	1,059,827	1,098,729	1,305,443	1,517,673	1,814,959	2,781,302	4,649,637	8,236,378
South America	South America	67,761	92,667	109,302	108,655	108,106	110,414	113,464	118,238	125,784	132,746	140,422
South America	Africa	1,762	6,492	7,038	7,376	7,556	8,125	8,596	8,989	9,722	10,766	12,522
South America	Asia	155,430	313,020	297,369	305,555	316,712	413,354	595,737	856,607	1,827,791	3,872,589	8,052,543
South America	Europe	149,829	153,183	159,154	165,008	168,679	179,614	190,412	201,741	224,116	253,575	298,172
South America	Mideast	1,398	3,270	3,380	3,438	3,470	3,479	3,587	3,665	3,853	4,336	5,574
South America	North America	553,852	692,063	1,064,186	1,133,044	1,211,466	1,741,856	2,623,466	3,793,179	7,962,132	16,300,499	32,180,045
South America	South America	137,698	286,563	265,699	277,125	288,199	346,237	439,000	566,661	1,017,760	1,905,897	3,546,296
South America	South America	87,284	152,528	143,883	147,970	151,765	176,336	214,369	274,746	511,104	958,612	1,619,376
Total		**64,985,684**	**91,447,454**	**110,415,835**	**113,208,406**	**115,185,936**	**130,230,637**	**146,213,234**	**174,113,712**	**269,158,419**	**462,611,718**	**859,678,608**
Average Annual Growth Rate			**7.07%**	**6.48%**	**2.53%**	**1.75%**	**2.49%**	**2.34%**	**3.55%**	**4.45%**	**5.57%**	**6.39%**

Containerized WORLD Commodity Forecast For ALL COMMODITIES
Sorted by DESTINATION, by Major Region, 1995-2050, Selected Years
(METRIC TONNES)

Destination	Origin	1995	2000	2003	2004	2005	2010	2015	2020	2030	2040	2050
Africa	Africa	2,474,462	3,213,048	3,376,790	3,473,708	3,551,520	4,003,242	4,573,477	5,718,471	10,191,732	20,591,039	45,597,326
Africa	Asia	3,088,089	6,034,181	6,432,963	6,654,995	6,931,432	9,292,892	12,322,295	17,215,124	35,775,553	77,453,383	171,545,098
Africa	Europe	10,677,015	12,470,444	13,060,935	13,889,636	14,636,676	19,150,020	22,753,825	26,784,241	36,909,017	51,622,499	74,607,491
Africa	Mideast	1,167,717	2,167,002	2,251,599	2,391,455	2,535,809	3,604,249	5,133,080	7,717,551	17,749,964	40,988,028	91,457,363
Africa	North America	667,933	553,740	644,999	643,981	649,774	769,086	913,669	1,153,605	2,053,009	4,094,471	8,919,236
Africa	South America	476,801	658,631	686,646	716,026	731,189	881,104	1,022,005	1,213,838	1,847,195	3,117,232	5,918,715
Africa	South America	28,169	49,880	51,663	52,923	53,933	62,643	76,373	103,173	217,118	494,189	1,072,726
Asia	Africa	1,892,668	2,909,890	3,221,246	3,388,523	3,592,101	4,566,118	5,576,150	7,001,502	11,559,063	20,178,055	36,611,711
Asia	Asia	115,858,050	175,781,292	203,207,516	215,876,210	229,375,536	301,722,036	376,355,836	484,996,222	852,017,120	1,595,757,293	3,034,438,337
Asia	Europe	23,422,247	29,923,994	34,101,556	36,012,424	38,271,954	51,697,400	65,344,098	85,734,716	157,923,404	312,755,877	638,813,047
Asia	Mideast	3,535,366	5,484,639	5,996,597	6,304,669	6,560,693	7,975,394	9,760,332	12,327,559	21,356,097	39,377,030	71,627,578
Asia	North America	39,430,592	36,971,982	44,297,457	45,933,185	46,566,616	50,088,870	53,336,781	58,896,340	75,871,102	106,033,723	161,046,773
Asia	South America	4,789,821	5,513,544	6,290,797	6,585,070	6,827,716	8,315,940	9,582,174	11,516,372	17,993,039	31,155,276	58,691,218
Asia	South America	192,712	270,947	309,621	313,430	315,187	372,456	393,191	425,337	530,134	714,546	1,043,444
Europe	Africa	4,336,969	5,940,507	7,161,032	7,348,194	7,535,650	8,311,190	8,879,570	9,417,853	10,754,439	12,470,050	14,690,406
Europe	Asia	26,359,908	45,395,716	56,898,641	58,580,775	59,827,680	69,696,496	77,760,483	87,459,923	114,113,643	156,806,734	230,248,148
Europe	Europe	45,605,245	61,098,182	71,307,355	73,477,146	75,897,831	88,598,259	98,093,047	108,367,883	133,914,988	170,661,002	225,216,359
Europe	Mideast	5,280,846	8,511,953	9,905,068	10,426,318	10,945,924	12,936,663	14,675,891	16,461,215	20,903,608	27,355,945	37,715,556
Europe	North America	13,260,314	14,307,089	15,566,287	16,028,802	16,354,248	17,264,777	18,301,901	19,723,794	23,367,519	28,550,599	36,228,516
Europe	South America	7,526,027	9,977,116	12,575,320	13,078,592	13,481,176	15,939,507	17,098,291	17,564,540	20,425,528	24,477,897	31,115,685
Europe	South America	1,158,457	1,379,305	1,692,923	1,771,521	1,826,302	1,962,056	2,057,694	2,150,786	2,365,698	2,671,238	3,136,545
Mideast	Africa	941,810	1,273,536	1,372,173	1,445,902	1,518,432	1,856,049	2,138,382	2,582,583	3,815,741	5,990,279	10,070,544
Mideast	Asia	8,044,587	12,430,793	12,956,284	13,699,906	14,426,518	18,376,184	22,060,992	27,574,269	45,629,194	81,479,443	155,367,629
Mideast	Europe	12,441,557	16,889,937	18,837,755	20,360,128	21,948,096	30,153,249	35,704,759	42,716,948	61,256,824	87,837,720	125,894,359
Mideast	Mideast	4,869,459	7,200,602	7,641,882	8,117,473	8,604,497	10,985,883	12,968,542	15,840,547	24,790,791	41,356,535	68,680,044
Mideast	North America	1,039,273	1,386,259	1,625,053	1,669,416	1,689,721	2,054,105	2,274,927	2,519,891	3,089,383	3,775,407	4,587,414
Mideast	South America	985,393	1,642,410	1,732,073	1,835,807	1,952,052	2,483,955	2,876,780	3,422,898	5,081,265	7,789,459	11,767,760
Mideast	South America	62,459	122,170	132,200	133,075	135,090	138,478	140,484	152,802	183,907	237,004	316,688
North America	Africa	327,030	571,612	696,310	751,047	813,100	1,003,799	1,128,656	1,246,182	1,529,706	1,870,638	2,276,751
North America	Asia	27,587,129	46,304,923	55,925,187	58,193,565	62,539,566	84,608,368	101,234,032	117,906,209	159,647,375	213,800,261	281,603,888
North America	Europe	13,928,875	21,832,926	23,433,737	24,733,752	26,765,317	34,079,515	38,965,596	43,592,963	55,385,249	70,888,393	90,466,708
North America	Mideast	652,531	1,182,653	1,448,274	1,596,208	1,766,142	2,234,000	2,580,478	2,934,090	3,786,505	4,858,809	6,178,339
North America	North America	915,384	1,481,709	2,319,919	2,451,494	2,564,711	3,224,188	3,678,078	4,115,582	5,103,339	6,265,706	7,610,161
North America	South America	4,766,716	7,634,131	11,467,719	11,949,004	12,558,142	15,572,475	17,643,952	19,620,599	24,368,998	30,271,096	37,673,079
North America	South America	612,129	1,454,979	1,688,819	1,735,700	1,800,413	1,926,314	2,107,976	2,279,042	2,720,501	3,299,595	4,035,481
South America	Africa	347,245	115,660	144,710	153,407	160,664	201,269	225,980	249,518	300,436	362,661	447,084
South America	Asia	2,349,835	3,703,420	4,466,996	4,815,618	5,151,650	7,035,463	8,402,615	10,172,933	15,832,816	27,091,622	50,815,569
South America	Europe	4,779,461	5,675,077	7,015,252	7,671,424	8,337,840	11,876,375	13,738,486	15,530,335	19,627,670	24,705,205	31,103,672
South America	Mideast	129,506	221,611	277,636	292,832	309,332	392,572	438,882	485,073	596,202	759,637	1,040,772
South America	North America	7,657,465	7,973,009	7,904,649	8,284,607	8,499,900	10,031,440	11,188,407	12,464,141	16,000,637	21,498,121	29,428,521
South America	South America	4,587,595	6,806,509	8,291,400	8,810,733	9,370,967	12,436,508	14,382,577	16,604,420	22,465,121	31,405,336	45,704,374
South America	South America	537,945	854,158	1,006,848	1,058,668	1,101,269	1,316,569	1,420,760	1,528,383	1,753,905	2,030,929	2,405,267
South America	Africa	21,531	40,963	43,996	46,455	48,210	56,418	62,634	70,711	97,077	147,624	247,001
South America	Asia	639,564	1,161,295	1,192,323	1,253,420	1,316,480	1,735,213	2,395,662	3,387,497	7,158,913	15,388,229	32,358,848
South America	Europe	2,190,274	2,207,322	2,288,428	2,443,497	2,580,271	3,162,721	3,362,084	3,553,048	3,938,117	4,442,219	5,212,204
South America	Mideast	26,764	71,317	74,141	77,923	81,040	91,923	101,437	114,431	161,058	262,183	490,818
South America	North America	2,104,018	2,780,587	3,216,012	3,381,648	3,542,289	4,421,405	5,576,838	7,080,471	12,291,353	22,584,006	41,737,104
South America	South America	1,175,465	2,130,322	2,175,683	2,315,459	2,446,002	3,198,349	4,119,047	5,529,354	10,841,830	22,559,981	47,443,132
South America	South America	953,394	2,016,072	2,053,868	2,180,321	2,297,677	2,964,826	3,775,541	4,991,092	9,546,754	19,099,246	37,458,686
Total		**415,903,802**	**585,779,045**	**680,466,339**	**714,406,073**	**750,794,332**	**944,828,009**	**1,118,704,744**	**1,350,216,056**	**2,084,839,637**	**3,479,383,450**	**6,112,163,178**
Average Annual Growth Rate			**7.09%**	**5.12%**	**4.99%**	**5.09%**	**4.70%**	**3.44%**	**3.83%**	**4.44%**	**5.26%**	**5.80%**

Containerized World Commodity By Origin (TEUs)

Containerized WORLD Commodity Forecast For AGRICULTURE COMMODITIES
Sorted by ORIGIN, by Major Region, 1995-2050, Selected Years
(TEUs)

Origin	Destination	1995	2000	2003	2004	2005	2010	2015	2020	2030	2040	2050
Africa	Africa	10,252	16,817	18,707	19,102	19,418	21,681	24,084	29,388	48,087	90,959	192,678
Africa	Asia	23,932	41,713	46,084	47,697	49,258	61,779	72,031	86,969	136,305	235,723	421,622
Africa	Europe	124,837	149,732	167,273	168,852	170,580	184,632	193,246	198,527	213,990	236,148	270,295
Africa	Mideast	45,999	58,083	63,879	66,594	69,150	80,379	88,277	101,603	128,231	161,058	199,657
Africa	North America	2,411	7,454	8,188	7,987	8,069	8,266	8,333	7,957	7,973	7,996	8,108
Africa	South America	362	524	643	640	646	692	702	778	861	944	1,028
Africa	Caribbean	123	385	425	457	491	692	958	1,301	2,484	4,828	9,314
Asia	Africa	15,514	27,965	28,839	29,767	30,415	34,413	41,445	50,566	97,711	212,030	486,898
Asia	Asia	758,778	1,042,582	1,094,082	1,130,626	1,144,451	1,314,264	1,488,050	1,747,223	2,498,849	3,811,660	5,768,974
Asia	Europe	185,607	274,416	307,609	306,861	304,771	283,643	268,588	263,745	262,027	269,985	285,104
Asia	Mideast	110,645	132,791	138,061	144,312	147,981	174,507	191,762	212,834	257,836	310,187	371,855
Asia	North America	55,451	94,691	151,593	151,331	155,459	163,393	168,667	158,885	176,880	199,916	226,757
Asia	South America	10,049	8,567	11,419	11,988	12,503	14,884	16,089	18,008	21,532	25,774	32,133
Asia	Caribbean	652	3,043	3,372	3,447	3,521	3,890	4,252	4,825	6,906	11,706	21,350
Europe	Africa	42,503	68,798	68,715	73,724	77,720	99,783	114,573	132,599	180,550	262,564	430,952
Europe	Asia	131,682	150,495	165,116	173,161	180,936	215,245	242,849	276,846	354,515	461,247	600,795
Europe	Europe	283,755	433,878	475,546	490,125	507,394	585,071	626,549	686,428	790,661	939,027	1,179,981
Europe	Mideast	51,477	97,026	101,925	106,996	111,104	133,189	147,508	161,308	196,955	238,968	285,117
Europe	North America	31,631	77,805	100,096	97,746	96,637	112,895	114,779	107,803	109,057	114,291	121,732
Europe	South America	16,883	23,085	29,371	30,918	32,657	40,237	43,445	47,710	54,176	60,843	67,063
Europe	Caribbean	10,474	16,008	15,526	16,772	17,852	22,830	24,796	26,236	28,651	30,956	33,399
Mideast	Africa	6,502	9,951	10,946	11,501	12,038	15,688	17,743	19,961	24,956	31,415	41,458
Mideast	Asia	25,846	63,893	69,846	73,468	77,955	99,940	115,715	133,239	174,893	228,505	296,259
Mideast	Europe	127,304	130,999	131,225	137,868	140,568	157,190	166,106	173,547	190,622	212,983	239,968
Mideast	Mideast	143,561	188,191	206,641	219,809	233,953	308,560	350,569	398,491	502,060	624,651	770,307
Mideast	North America	3,642	5,304	7,169	7,864	8,658	10,222	11,341	8,388	9,579	10,930	12,454
Mideast	South America	1,672	2,759	3,227	3,299	3,407	3,952	4,137	4,315	4,641	4,969	5,470
Mideast	Caribbean	86	209	230	254	267	299	302	305	311	317	324
North America	Africa	1,598	2,214	2,743	2,857	2,921	3,356	3,704	4,062	4,711	5,346	5,963
North America	Asia	462,409	329,794	437,021	471,862	480,371	544,935	587,175	631,624	740,798	881,487	1,073,980
North America	Europe	162,736	154,151	151,624	155,821	152,102	149,143	149,012	149,998	156,202	166,910	181,306
North America	Mideast	9,723	20,051	31,868	32,954	33,265	43,021	48,691	54,077	66,337	80,492	95,908
North America	North America	18,095	17,218	8,060	8,311	8,520	8,773	9,349	9,954	12,040	14,674	17,741
North America	South America	30,347	36,380	38,725	39,528	41,059	48,724	52,859	57,619	66,008	74,445	83,209
North America	Caribbean	20,432	25,873	31,536	32,920	34,170	39,415	41,769	43,563	46,655	49,450	51,958
South America	Africa	7,684	9,262	9,073	9,476	9,788	11,847	14,453	18,428	32,887	65,664	144,985
South America	Asia	72,688	82,318	90,421	91,430	90,320	99,470	103,250	110,084	126,842	144,951	174,478
South America	Europe	274,097	341,921	400,462	421,545	432,163	534,527	577,651	531,238	592,825	665,299	754,800
South America	Mideast	24,305	36,148	39,413	43,198	46,999	61,453	75,843	96,172	165,202	284,924	453,321
South America	North America	81,277	141,173	220,756	221,904	228,956	250,367	262,405	270,721	296,556	325,255	356,293
South America	South America	47,287	56,842	67,275	70,346	74,897	95,834	107,930	119,820	143,872	171,440	206,697
South America	Caribbean	10,355	16,525	16,566	17,602	18,639	24,170	29,375	35,602	56,122	96,532	176,243
Caribbean	Africa	577	616	623	682	744	1,201	1,969	3,446	9,658	25,010	56,401
Caribbean	Asia	7,099	9,509	10,127	10,225	9,761	10,419	10,176	10,358	11,483	13,616	17,143
Caribbean	Europe	67,457	62,632	73,848	79,398	81,920	88,281	94,468	98,948	107,918	120,409	139,100
Caribbean	Mideast	1,060	3,462	3,858	3,976	4,065	4,461	4,824	5,718	7,207	8,993	10,899
Caribbean	North America	26,648	45,122	48,382	49,644	50,118	44,013	42,654	39,569	33,374	27,737	22,997
Caribbean	South America	3,826	4,244	4,677	4,723	4,788	5,203	5,405	6,151	7,028	7,963	8,933
Caribbean	Caribbean	8,399	34,322	34,582	37,952	41,366	60,694	82,092	108,514	201,151	385,679	742,141
Total		**3,559,731**	**4,556,941**	**5,147,394**	**5,339,522**	**5,464,791**	**6,281,524**	**6,851,953**	**7,465,452**	**9,366,172**	**12,416,854**	**17,155,545**
Average Annual Growth Rate			**5.06%**	**4.14%**	**3.73%**	**2.35%**	**2.82%**	**1.75%**	**1.73%**	**2.29%**	**2.86%**	**3.29%**

Containerized WORLD Commodity Forecast For CAPITAL EQUIPMENT
Sorted by ORIGIN, by Major Region, 1995-2050, Selected Years
(TEUs)

Origin	Destination	1995	2000	2003	2004	2005	2010	2015	2020	2030	2040	2050
Africa	Africa	12,066	15,688	13,154	14,382	15,859	23,413	26,477	29,839	38,163	50,262	68,482
Africa	Asia	2,094	3,695	3,396	3,726	4,190	6,904	9,731	14,009	29,392	61,997	128,506
Africa	Europe	15,308	28,551	41,985	46,493	51,079	75,869	91,779	106,230	138,058	175,018	217,556
Africa	Mideast	1,385	2,470	2,137	2,360	2,602	3,765	4,351	5,121	7,230	10,565	15,876
Africa	North America	3,549	6,355	11,242	12,582	14,301	23,119	28,718	34,070	46,514	61,609	79,390
Africa	South America	715	670	734	836	936	1,443	1,727	1,991	2,629	3,431	4,413
Africa	Caribbean	38	208	189	209	231	326	345	358	387	418	454
Asia	Africa	34,972	60,578	59,595	62,130	66,251	101,567	151,192	233,279	557,766	1,319,069	3,074,828
Asia	Asia	1,155,302	1,407,746	1,682,784	1,831,863	2,001,917	2,886,261	3,912,937	5,442,682	10,900,951	22,370,562	37,033,429
Asia	Europe	280,702	632,540	832,217	862,600	908,279	1,250,746	1,503,053	1,770,231	2,468,855	3,497,550	5,041,440
Asia	Mideast	93,284	160,071	154,443	164,277	178,495	250,349	320,520	428,167	792,658	1,534,125	3,133,688
Asia	North America	731,870	1,006,615	1,263,264	1,374,222	1,498,495	2,153,611	2,622,783	3,087,495	4,219,425	5,658,918	7,396,918
Asia	South America	46,731	70,754	84,004	91,315	98,740	136,423	162,979	194,207	289,995	468,420	820,960
Asia	Caribbean	10,300	17,578	17,293	18,405	19,688	27,980	39,782	57,523	127,236	279,754	574,559
Europe	Africa	99,794	151,284	139,303	155,220	175,887	301,479	395,372	486,632	722,100	1,057,719	1,533,322
Europe	Asia	441,621	413,324	429,461	479,414	540,689	880,759	1,250,320	1,842,048	4,033,665	8,888,992	18,907,025
Europe	Europe	357,755	583,573	703,262	758,201	827,935	1,185,871	1,462,604	1,737,666	2,385,698	3,234,751	4,359,378
Europe	Mideast	139,194	207,404	207,155	234,827	267,089	436,216	545,741	676,640	1,041,674	1,595,925	2,404,048
Europe	North America	240,604	411,643	459,159	497,595	550,515	828,572	1,042,774	1,259,627	1,779,963	2,431,762	3,213,858
Europe	South America	91,760	131,645	153,215	176,208	201,642	335,888	403,554	462,265	604,053	785,418	1,015,792
Europe	Caribbean	21,652	27,856	25,186	28,097	31,341	45,949	49,514	52,486	59,028	66,564	74,899
Mideast	Africa	5,749	9,522	8,409	9,276	10,285	16,681	24,650	36,767	82,245	183,614	415,092
Mideast	Asia	5,285	11,351	10,828	11,980	13,327	21,069	28,637	38,717	71,245	132,201	243,939
Mideast	Europe	24,319	54,988	69,913	76,175	82,400	125,943	155,132	183,008	247,651	329,507	434,975
Mideast	Mideast	14,554	28,006	26,442	29,777	33,544	53,105	69,681	92,797	169,552	324,532	661,635
Mideast	North America	5,963	8,472	17,909	18,729	20,367	30,685	37,549	44,149	60,741	82,452	109,580
Mideast	South America	1,113	1,598	1,719	1,892	2,069	2,756	3,031	3,304	4,083	5,257	6,902
Mideast	Caribbean	298	825	777	829	910	1,081	1,407	2,029	4,770	11,692	29,226
North America	Africa	9,835	9,116	14,550	14,429	14,936	18,061	20,666	23,219	31,144	44,162	62,216
North America	Asia	268,045	237,791	286,033	303,895	317,248	390,260	471,746	573,266	886,009	1,470,274	2,620,070
North America	Europe	176,000	242,102	320,826	337,768	353,461	463,721	541,620	612,726	778,948	994,004	1,261,211
North America	Mideast	12,088	12,563	15,767	16,859	18,246	20,289	21,893	23,383	26,222	28,903	31,728
North America	North America	5,273	14,349	11,795	13,304	14,633	20,811	25,200	29,259	38,630	49,775	62,646
North America	South America	145,272	146,874	130,005	140,121	143,387	171,119	189,750	204,576	240,307	284,008	334,801
North America	Caribbean	20,856	29,070	29,421	30,467	31,781	37,007	37,403	37,985	40,573	44,645	49,587
South America	Africa	2,695	3,019	3,167	3,350	3,689	5,826	7,412	9,059	13,496	20,499	32,653
South America	Asia	13,533	11,120	14,618	15,623	17,068	23,581	31,866	44,924	92,914	198,256	412,922
South America	Europe	20,638	36,422	53,403	57,975	62,370	85,593	105,106	122,735	162,337	210,237	268,309
South America	Mideast	1,916	2,378	2,761	3,047	3,404	5,306	7,137	9,450	16,499	28,649	49,717
South America	North America	55,721	83,558	195,093	219,847	240,799	361,483	453,634	543,989	760,978	1,030,645	1,353,393
South America	South America	23,383	28,731	36,198	40,586	45,208	71,408	84,868	97,157	126,880	165,807	215,428
South America	Caribbean	4,930	7,266	6,833	7,591	8,446	12,941	15,574	19,146	31,412	57,473	116,471
Caribbean	Africa	45	219	224	238	254	337	398	463	621	821	1,069
Caribbean	Asia	929	268	327	350	379	536	699	941	1,777	3,492	7,095
Caribbean	Europe	2,157	3,873	6,252	6,520	6,619	6,984	6,857	7,042	8,241	10,290	12,817
Caribbean	Mideast	35	463	511	555	605	723	783	872	1,146	1,563	2,161
Caribbean	North America	1,390	5,611	17,222	20,027	22,994	32,299	37,807	42,621	54,245	68,549	85,333
Caribbean	South America	952	1,648	1,995	2,247	2,548	4,108	4,906	5,544	6,956	8,629	10,616
Caribbean	Caribbean	1,665	2,709	2,493	2,749	3,024	4,316	4,793	5,211	6,060	6,993	8,030
Total		**4,605,339**	**6,334,157**	**7,568,673**	**8,201,169**	**8,930,166**	**12,944,539**	**16,416,460**	**20,736,905**	**34,211,118**	**59,349,759**	**97,998,442**
Average Annual Growth Rate			**6.58%**	**6.12%**	**8.36%**	**8.89%**	**7.71%**	**4.87%**	**4.78%**	**5.13%**	**5.66%**	**5.14%**

Containerized WORLD Commodity Forecast For CHEMICALS
Sorted by ORIGIN, by Major Region, 1995-2050, Selected Years
(TEUs)

Origin	Destination	1995	2000	2003	2004	2005	2010	2015	2020	2030	2040	2050
Africa	Africa	16,570	32,977	34,751	36,465	38,124	48,918	67,177	101,203	236,142	560,775	1,367,402
Africa	Asia	20,030	33,076	36,721	40,072	43,708	63,656	86,270	117,262	221,264	434,485	874,857
Africa	Europe	10,127	20,894	24,905	26,122	27,140	34,762	40,238	45,009	55,576	68,733	85,081
Africa	Mideast	3,339	5,379	5,697	6,210	6,767	10,185	14,848	23,475	57,408	138,208	324,552
Africa	North America	1,025	3,326	4,035	4,182	4,491	5,897	7,345	8,675	12,053	16,795	23,405
Africa	South America	1,827	1,626	2,120	2,283	2,419	3,119	3,502	3,852	4,607	5,459	6,445
Africa	Caribbean	68	494	524	548	570	677	734	788	904	1,043	1,208
Asia	Africa	27,197	52,115	55,851	58,248	61,127	87,959	128,870	197,542	459,553	1,069,798	2,540,155
Asia	Asia	2,264,883	3,964,000	4,836,674	5,189,967	5,573,226	7,549,116	9,772,314	12,887,401	23,669,816	46,282,236	93,663,214
Asia	Europe	225,663	430,406	559,812	574,918	576,431	694,213	787,788	880,863	1,148,260	1,620,822	2,504,337
Asia	Mideast	58,299	130,596	139,329	149,705	158,329	205,902	246,755	304,498	476,658	788,427	1,419,517
Asia	North America	161,958	298,866	378,533	391,069	413,508	505,899	582,947	649,265	820,956	1,061,554	1,377,579
Asia	South America	22,548	55,809	71,646	78,357	83,766	112,232	134,630	165,244	262,356	456,030	886,461
Asia	Caribbean	2,932	12,542	13,344	14,424	15,311	20,232	26,063	34,082	62,798	123,558	249,609
Europe	Africa	116,387	144,081	151,664	161,522	171,797	244,630	305,834	375,379	542,181	773,469	1,128,432
Europe	Asia	534,097	659,793	732,305	799,810	869,426	1,267,266	1,695,456	2,308,199	4,476,562	9,106,157	18,892,649
Europe	Europe	727,765	1,026,525	1,183,191	1,220,674	1,260,602	1,486,017	1,640,734	1,775,831	2,112,178	2,589,903	3,255,102
Europe	Mideast	179,133	275,041	314,766	344,345	372,933	529,883	622,626	746,202	1,068,673	1,521,361	2,149,362
Europe	North America	186,486	255,863	308,339	313,203	329,247	427,335	475,042	507,419	615,202	776,559	980,124
Europe	South America	75,219	99,145	120,860	133,143	144,238	203,233	232,713	262,604	331,375	415,863	521,172
Europe	Caribbean	14,191	15,765	16,353	17,627	18,691	23,721	26,598	29,371	35,914	46,401	66,903
Mideast	Africa	25,992	51,009	52,329	58,051	64,317	110,832	193,742	352,773	1,028,649	2,690,170	6,392,292
Mideast	Asia	147,049	226,789	247,922	260,966	270,804	327,384	415,770	539,152	1,026,961	2,057,464	3,833,745
Mideast	Europe	69,846	113,377	127,932	132,121	135,559	161,461	186,033	209,173	274,968	395,570	648,991
Mideast	Mideast	44,847	97,860	103,232	109,964	116,403	158,784	212,516	306,224	679,805	1,511,760	2,887,807
Mideast	North America	10,427	16,892	26,320	26,106	26,883	29,033	30,521	32,092	37,425	45,686	56,512
Mideast	South America	2,640	7,173	9,569	9,922	10,468	13,322	14,905	16,462	20,442	26,949	39,764
Mideast	Caribbean	224	731	752	802	845	1,080	1,351	1,671	2,632	4,190	6,519
North America	Africa	6,903	9,787	8,658	8,504	8,589	9,805	11,113	12,674	16,859	23,576	35,781
North America	Asia	535,461	522,588	668,953	677,084	699,519	809,935	937,050	1,114,980	1,678,251	2,751,511	4,848,762
North America	Europe	191,592	236,898	248,114	245,431	242,385	277,360	310,101	341,668	424,154	545,631	728,702
North America	Mideast	15,282	18,445	26,145	26,686	27,568	30,296	32,995	36,365	44,313	54,397	67,208
North America	North America	13,533	17,608	28,277	29,438	30,731	36,808	41,912	45,858	55,094	66,639	80,877
North America	South America	158,280	207,323	214,809	228,029	233,361	272,706	313,183	361,328	514,636	785,070	1,192,058
North America	Caribbean	32,668	41,275	46,657	48,761	50,507	59,365	68,209	77,419	99,740	125,619	152,436
South America	Africa	4,179	6,184	6,689	6,836	7,122	9,572	11,438	13,170	17,379	22,311	28,361
South America	Asia	20,972	24,532	26,015	27,741	29,751	41,678	54,795	72,674	135,843	271,993	562,883
South America	Europe	27,498	51,385	61,827	63,962	66,044	82,592	95,865	107,269	132,285	161,931	196,946
South America	Mideast	3,078	5,431	5,949	6,317	6,621	8,661	10,067	12,079	16,991	23,817	33,223
South America	North America	27,981	45,355	58,962	60,975	64,610	76,763	88,308	96,332	115,722	140,998	173,770
South America	South America	78,385	131,692	155,549	168,179	178,535	232,158	271,563	316,344	431,102	588,639	792,081
South America	Caribbean	10,182	19,040	19,312	20,926	22,475	31,505	41,927	55,220	100,032	186,143	347,374
Caribbean	Africa	120	253	234	234	238	274	300	341	488	811	1,510
Caribbean	Asia	328	677	681	737	803	1,203	1,683	2,443	5,289	11,678	25,641
Caribbean	Europe	4,950	5,190	6,467	6,771	7,294	8,992	10,173	11,339	14,046	17,369	21,435
Caribbean	Mideast	109	521	567	618	668	944	1,094	1,310	1,885	2,707	3,841
Caribbean	North America	459	2,702	1,928	2,143	2,382	3,244	4,014	4,752	6,583	9,010	12,173
Caribbean	South America	2,546	4,165	4,742	5,005	5,275	6,469	7,381	8,242	10,157	12,602	16,034
Caribbean	Caribbean	5,493	10,966	10,936	11,570	12,169	15,424	19,238	24,387	41,217	69,607	113,067
Total		**6,090,766**	**9,394,168**	**11,160,945**	**11,806,772**	**12,493,779**	**16,342,502**	**20,285,730**	**25,597,903**	**43,603,385**	**80,461,484**	**155,617,361**
Average Annual Growth Rate			**9.05%**	**5.91%**	**5.79%**	**5.82%**	**5.52%**	**4.42%**	**4.76%**	**5.47%**	**6.32%**	**6.82%**

Containerized WORLD Commodity Forecast For CONSUMER GOODS
Sorted by ORIGIN, by Major Region, 1995-2050, Selected Years
(TEUs)

Origin	Destination	1995	2000	2003	2004	2005	2010	2015	2020	2030	2040	2050
Africa	Africa	16,519	19,225	20,246	21,491	22,571	27,382	29,507	32,499	40,957	54,721	77,159
Africa	Asia	976	1,413	1,541	1,645	1,772	2,661	3,425	4,384	7,151	11,708	19,372
Africa	Europe	67,588	109,135	138,125	138,211	136,093	120,882	119,383	119,231	132,061	156,708	190,223
Africa	Mideast	3,655	5,617	5,681	6,218	6,788	9,353	11,235	13,824	21,158	32,695	50,946
Africa	North America	4,812	9,127	23,553	26,009	28,706	37,035	41,870	44,740	53,916	60,064	67,803
Africa	South America	71	199	255	282	312	480	572	658	875	1,174	1,602
Africa	Caribbean	155	282	303	337	374	555	610	678	902	1,328	2,104
Asia	Africa	29,466	54,456	57,611	59,265	63,039	92,140	130,746	198,323	463,249	1,085,116	2,584,755
Asia	Asia	1,179,655	1,949,574	2,289,219	2,400,117	2,472,096	3,298,071	3,848,004	4,624,483	6,908,208	10,608,927	16,798,771
Asia	Europe	794,709	1,456,707	1,817,810	1,841,760	1,871,330	2,122,569	2,286,914	2,535,766	3,300,114	4,636,792	7,131,197
Asia	Mideast	127,595	176,479	183,198	190,908	201,820	266,508	331,028	435,084	804,242	1,556,723	3,157,158
Asia	North America	1,169,125	2,268,080	3,198,039	3,338,935	3,630,545	5,195,385	6,089,052	7,082,171	9,535,119	12,644,968	16,433,646
Asia	South America	79,561	100,839	121,323	130,749	141,420	200,894	233,575	270,947	381,911	570,541	904,595
Asia	Caribbean	11,736	17,935	18,301	19,943	21,669	32,523	48,412	72,342	162,065	358,377	784,083
Europe	Africa	43,163	65,324	67,536	72,627	78,978	116,918	141,866	169,433	242,160	353,271	540,842
Europe	Asia	122,574	172,769	197,912	210,398	225,045	328,669	417,950	532,769	895,906	1,548,324	2,723,815
Europe	Europe	268,103	499,726	584,004	614,477	647,794	808,455	910,813	1,034,537	1,370,463	1,854,985	2,553,592
Europe	Mideast	88,998	139,181	152,322	169,099	189,152	286,884	348,903	428,023	644,017	970,308	1,478,289
Europe	North America	141,319	305,603	336,469	364,936	392,557	506,546	594,888	679,497	893,793	1,187,020	1,562,645
Europe	South America	23,797	41,370	51,160	56,919	62,830	95,442	113,700	131,507	175,089	233,358	314,295
Europe	Caribbean	16,470	15,602	15,732	17,451	19,170	27,510	29,846	32,201	38,069	46,589	59,905
Mideast	Africa	6,132	14,064	14,979	15,937	16,974	22,617	27,196	32,793	48,845	75,279	119,696
Mideast	Asia	3,648	7,185	7,944	8,667	9,558	14,569	18,724	23,967	38,992	63,274	101,903
Mideast	Europe	41,645	77,844	96,071	104,965	114,772	150,568	172,530	194,897	250,478	324,274	418,733
Mideast	Mideast	21,325	36,077	38,457	39,954	41,497	48,150	53,969	61,493	79,215	102,569	134,282
Mideast	North America	14,146	27,543	38,883	44,427	50,380	57,260	67,235	79,323	110,785	152,774	206,794
Mideast	South America	337	802	995	1,079	1,160	1,541	1,765	1,975	2,461	3,108	4,023
Mideast	Caribbean	115	176	185	197	210	267	309	358	506	771	1,246
North America	Africa	1,631	2,115	2,155	2,101	2,192	2,725	3,071	3,422	4,340	5,772	8,000
North America	Asia	106,821	90,230	97,056	104,079	110,004	136,443	171,612	221,525	395,439	749,303	1,460,970
North America	Europe	50,759	63,301	77,162	79,884	82,516	92,058	100,967	115,401	163,194	256,131	446,211
North America	Mideast	4,015	5,707	4,744	4,974	5,313	7,075	8,616	10,340	15,101	22,670	34,864
North America	North America	4,340	30,640	50,487	52,031	53,598	65,644	73,315	82,632	102,035	125,223	154,430
North America	South America	59,583	59,924	49,904	53,048	55,282	67,933	77,021	85,632	106,152	132,439	165,680
North America	Caribbean	30,478	80,234	53,011	55,223	57,289	65,093	69,574	74,047	83,374	93,868	105,048
South America	Africa	338	569	621	647	706	1,074	1,265	1,460	1,935	2,579	3,463
South America	Asia	2,834	3,630	4,267	4,584	4,838	6,728	8,435	10,691	17,450	29,066	49,689
South America	Europe	19,851	33,784	44,834	47,706	50,820	69,329	72,763	82,859	108,798	141,614	182,340
South America	Mideast	346	492	555	612	677	1,027	1,274	1,596	2,536	4,106	6,789
South America	North America	28,875	47,325	73,865	79,262	81,029	108,892	122,853	142,792	193,630	259,330	340,596
South America	South America	18,631	28,090	34,108	36,949	39,795	56,647	66,285	77,026	104,985	146,587	214,471
South America	Caribbean	6,133	15,177	15,751	16,940	18,107	24,155	29,346	36,612	62,679	113,256	198,793
Caribbean	Africa	35	70	75	76	78	91	102	113	139	172	210
Caribbean	Asia	193	255	261	262	272	350	401	439	566	807	1,213
Caribbean	Europe	1,385	2,947	3,429	3,510	3,630	4,342	4,826	5,330	6,512	7,911	9,537
Caribbean	Mideast	48	207	222	234	246	315	371	443	689	1,245	2,553
Caribbean	North America	42,812	125,322	157,539	162,006	169,678	201,501	232,121	264,044	342,133	432,996	534,942
Caribbean	South America	4,497	9,538	11,156	11,786	12,471	16,201	17,786	18,920	21,364	24,940	31,030
Caribbean	Caribbean	13,179	28,988	30,460	33,328	35,913	47,698	56,177	65,558	89,908	124,611	169,347
Total		**4,674,178**	**8,200,879**	**10,189,520**	**10,646,247**	**11,233,064**	**14,847,157**	**17,192,209**	**20,138,783**	**28,425,670**	**41,370,377**	**62,543,654**
Average Annual Growth Rate			**11.90%**	**7.51%**	**4.48%**	**5.51%**	**5.74%**	**2.98%**	**3.21%**	**3.51%**	**3.82%**	**4.22%**

Containerized WORLD Commodity Forecast For EXTRACTIVE COMMODITIES
Sorted by ORIGIN, by Major Region, 1995-2050, Selected Years
(TEUs)

Origin	Destination	1995	2000	2003	2004	2005	2010	2015	2020	2030	2040	2050
Africa	Africa	1,674	2,638	2,468	2,399	2,331	2,039	1,803	1,686	1,601	1,618	1,692
Africa	Asia	5,343	6,319	6,274	6,954	7,595	9,713	10,860	12,468	17,133	24,757	37,420
Africa	Europe	8,841	11,115	11,570	11,695	11,950	12,448	12,191	12,230	12,580	13,227	14,132
Africa	Mideast	257	369	349	364	386	468	474	501	586	706	858
Africa	North America	1,356	1,673	2,365	2,475	2,666	3,322	3,422	3,442	3,536	3,685	3,872
Africa	South America	110	145	177	192	202	245	251	261	291	327	365
Africa	Caribbean	2	17	18	19	19	22	25	27	28	29	29
Asia	Africa	1,133	1,508	1,597	1,640	1,687	1,862	1,974	2,124	2,454	2,864	3,454
Asia	Asia	410,698	592,908	658,647	684,937	713,827	793,606	808,990	880,096	1,161,906	1,781,871	3,143,208
Asia	Europe	14,068	21,074	25,506	24,750	24,835	26,963	26,107	25,919	26,492	27,713	29,274
Asia	Mideast	2,997	5,552	5,743	5,864	5,906	6,391	6,233	6,441	7,492	9,763	14,559
Asia	North America	6,468	25,067	17,621	16,696	16,297	15,757	14,340	13,007	11,000	9,621	8,778
Asia	South America	553	1,147	1,301	1,361	1,399	1,553	1,583	1,627	1,737	1,862	1,996
Asia	Caribbean	27	66	76	80	83	98	113	131	184	298	551
Europe	Africa	11,903	16,211	15,536	16,074	16,604	19,143	21,794	25,103	35,207	56,081	104,832
Europe	Asia	39,288	77,021	75,414	82,520	84,787	98,204	108,035	121,277	155,308	195,481	242,678
Europe	Europe	249,455	255,665	256,069	262,402	263,578	265,004	253,185	249,736	261,100	308,657	395,329
Europe	Mideast	41,470	35,109	36,632	35,940	37,330	36,432	38,349	41,928	51,930	65,107	82,328
Europe	North America	17,626	24,292	56,066	51,073	49,616	70,464	67,679	64,515	63,686	66,473	71,841
Europe	South America	4,325	3,758	4,429	4,597	4,608	4,705	4,738	4,888	5,216	5,560	5,927
Europe	Caribbean	695	3,641	3,605	3,827	3,977	4,559	5,052	5,476	5,880	6,029	6,086
Mideast	Africa	820	1,530	1,576	1,645	1,679	1,830	1,909	1,999	2,165	2,312	2,448
Mideast	Asia	34,546	50,234	52,152	57,296	59,623	70,282	76,190	87,402	117,621	161,700	228,899
Mideast	Europe	20,243	35,883	38,496	38,921	40,221	42,802	42,643	43,486	45,641	48,420	51,554
Mideast	Mideast	7,131	9,661	10,197	10,545	10,896	11,785	11,701	12,163	13,502	15,308	17,501
Mideast	North America	1,058	4,410	1,201	1,341	1,474	1,561	1,662	1,719	1,872	2,064	2,289
Mideast	South America	1,467	1,715	2,186	2,345	2,390	2,318	2,236	2,217	2,207	2,211	2,224
Mideast	Caribbean	1	23	24	25	26	30	34	36	40	42	43
North America	Africa	15,872	3,399	3,968	4,015	4,033	4,370	4,587	4,658	4,743	4,797	4,849
North America	Asia	147,996	167,782	187,887	198,213	201,300	213,124	219,342	229,700	258,829	298,481	356,842
North America	Europe	59,266	60,482	73,615	74,297	77,153	79,545	76,592	75,169	73,576	73,244	73,815
North America	Mideast	2,135	810	3,686	3,517	3,603	3,536	3,592	3,750	4,140	4,622	5,245
North America	North America	3,175	3,399	4,591	4,701	4,741	5,095	5,233	5,378	5,793	6,285	6,839
North America	South America	22,292	19,189	22,517	24,079	24,561	26,768	27,587	28,486	31,143	34,210	37,440
North America	Caribbean	4,723	1,040	5,228	5,369	5,442	5,535	5,614	5,681	5,808	5,971	6,178
South America	Africa	501	886	812	831	880	1,009	1,132	1,259	1,489	1,708	1,933
South America	Asia	27,486	36,456	38,650	43,429	47,778	56,555	63,819	73,985	105,354	161,516	261,657
South America	Europe	22,579	31,716	35,365	33,881	34,231	37,970	37,692	38,071	39,421	41,423	43,867
South America	Mideast	1,503	2,973	3,101	3,047	3,067	3,295	3,293	3,436	3,938	4,676	5,611
South America	North America	7,376	13,159	11,095	11,398	11,676	12,895	13,483	13,987	15,235	16,788	18,679
South America	South America	3,932	6,559	7,547	8,087	8,440	9,792	10,292	11,046	12,981	15,810	20,413
South America	Caribbean	1,564	2,637	2,455	2,520	2,592	3,065	4,020	5,569	12,595	29,816	71,602
Caribbean	Africa	0	3	3	3	3	3	4	4	4	5	5
Caribbean	Asia	91	89	103	107	109	120	128	142	178	234	326
Caribbean	Europe	588	1,291	1,432	1,461	1,465	1,506	1,455	1,441	1,446	1,464	1,488
Caribbean	Mideast	1	4	5	5	5	5	5	5	6	7	8
Caribbean	North America	360	408	448	456	469	519	539	560	619	683	753
Caribbean	South America	5,489	6,152	6,841	6,778	6,855	6,745	6,338	6,043	5,531	5,073	4,658
Caribbean	Caribbean	576	734	677	739	779	1,004	1,378	1,927	3,857	7,694	15,054
Total		**1,211,059**	**1,547,914**	**1,697,317**	**1,754,912**	**1,805,173**	**1,976,064**	**2,009,697**	**2,132,202**	**2,595,082**	**3,528,292**	**5,411,431**
Average Annual Growth Rate			**5.03%**	**3.12%**	**3.39%**	**2.86%**	**1.83%**	**0.34%**	**1.19%**	**1.98%**	**3.12%**	**4.37%**

Containerized WORLD Commodity Forecast For FOOD
Sorted by ORIGIN, by Major Region, 1995-2050, Selected Years
(TEUs)

Origin	Destination	1995	2000	2003	2004	2005	2010	2015	2020	2030	2040	2050
Africa	Africa	81,167	94,843	102,685	103,628	103,187	99,666	101,497	117,405	199,870	411,190	942,935
Africa	Asia	38,590	51,936	57,913	59,410	62,305	73,231	76,886	82,041	95,388	111,226	128,816
Africa	Europe	103,448	132,059	154,093	154,580	159,088	182,359	188,239	193,857	206,646	221,302	236,885
Africa	Mideast	9,457	18,254	19,746	20,717	21,669	26,449	29,828	34,145	44,662	57,380	72,188
Africa	North America	6,707	7,957	11,542	12,844	14,461	19,500	21,230	22,797	25,945	29,139	32,326
Africa	South America	21,259	1,986	2,411	2,464	2,547	3,074	3,339	3,585	4,262	5,057	5,876
Africa	Caribbean	1,097	1,442	1,585	1,661	1,685	1,779	1,855	2,020	2,680	4,074	7,150
Asia	Africa	58,404	96,246	107,794	105,891	104,084	101,968	101,825	108,137	138,958	210,140	374,102
Asia	Asia	1,448,020	2,116,979	2,186,234	2,258,778	2,335,984	2,780,811	3,121,164	3,563,482	4,829,713	6,949,968	10,416,675
Asia	Europe	774,573	1,056,766	1,272,755	1,334,010	1,351,038	1,348,245	1,358,232	1,419,276	1,588,611	1,864,619	2,309,676
Asia	Mideast	167,731	201,954	216,677	223,380	232,470	265,046	292,579	329,150	419,248	536,756	689,540
Asia	North America	232,742	350,247	474,378	463,431	494,115	607,772	645,775	685,860	769,249	857,718	950,890
Asia	South America	20,514	20,757	24,763	25,994	26,796	30,886	33,555	36,182	41,720	47,780	54,304
Asia	Caribbean	13,139	11,439	12,692	12,440	12,113	10,472	9,781	10,065	12,857	20,262	35,853
Europe	Africa	354,040	334,043	362,534	379,001	385,210	400,694	409,278	427,070	472,226	532,706	628,630
Europe	Asia	523,061	693,028	782,525	794,413	820,791	998,805	1,073,286	1,156,618	1,380,670	1,647,627	1,916,988
Europe	Europe	993,023	1,097,797	1,272,248	1,309,217	1,343,931	1,461,049	1,506,147	1,578,471	1,777,859	2,113,611	2,769,837
Europe	Mideast	242,660	298,441	332,479	356,307	378,369	489,811	563,120	656,497	884,673	1,169,770	1,524,669
Europe	North America	298,140	516,555	601,606	642,063	708,815	822,655	873,229	922,470	1,024,601	1,122,455	1,212,694
Europe	South America	154,188	118,504	141,925	151,388	161,713	215,044	239,631	262,770	311,272	361,996	414,070
Europe	Caribbean	96,598	86,383	93,315	98,068	101,567	112,693	113,978	116,145	119,104	121,569	124,200
Mideast	Africa	28,165	24,575	27,453	25,513	23,816	18,515	16,722	16,776	20,224	29,552	51,086
Mideast	Asia	27,831	65,729	72,232	73,560	75,855	82,359	87,538	95,495	116,985	153,058	189,614
Mideast	Europe	115,176	121,357	132,801	134,100	139,407	137,494	136,558	137,704	144,914	161,127	189,097
Mideast	Mideast	76,994	114,838	124,744	130,802	137,958	162,523	182,259	209,733	280,402	377,849	522,766
Mideast	North America	16,228	14,544	18,802	20,834	23,505	29,755	32,555	35,222	40,854	46,739	52,702
Mideast	South America	3,396	2,871	3,672	3,872	4,079	5,109	5,686	6,287	7,703	9,608	12,627
Mideast	Caribbean	462	1,143	1,275	1,268	1,248	1,162	1,196	1,369	2,235	4,330	9,232
North America	Africa	8,201	10,096	14,793	15,058	14,936	15,303	14,997	15,215	15,876	16,741	17,812
North America	Asia	787,539	890,164	929,344	968,888	1,006,508	1,190,822	1,275,980	1,384,099	1,617,860	1,895,052	2,147,736
North America	Europe	218,961	238,746	282,530	293,443	301,202	321,601	327,819	340,927	374,677	414,213	457,560
North America	Mideast	10,716	23,731	30,071	31,257	32,097	47,605	54,055	61,902	79,805	99,825	120,816
North America	North America	10,847	21,282	249,384	264,464	285,063	383,250	431,326	477,811	577,314	683,629	792,908
North America	South America	73,446	75,344	75,697	79,702	84,941	117,774	131,960	146,487	178,108	212,591	248,958
North America	Caribbean	23,314	34,703	35,900	37,201	37,750	37,378	37,071	38,541	46,167	64,612	99,466
South America	Africa	16,310	24,384	25,953	27,620	27,785	30,920	32,909	36,041	47,063	69,681	120,107
South America	Asia	148,475	179,502	203,203	215,361	226,294	292,843	338,714	402,887	604,595	985,481	1,764,335
South America	Europe	201,557	247,894	321,650	333,763	348,877	421,673	445,679	479,893	578,808	760,658	1,143,566
South America	Mideast	43,024	86,500	88,484	92,768	97,904	122,041	134,604	150,613	188,084	232,965	284,303
South America	North America	95,571	130,360	180,559	189,006	196,507	240,915	254,587	270,231	303,175	335,875	369,464
South America	South America	122,249	205,435	249,026	261,412	277,627	370,830	417,474	467,835	590,336	752,341	968,153
South America	Caribbean	34,126	61,010	62,327	65,596	68,143	82,336	100,434	127,416	228,465	439,115	838,921
Caribbean	Africa	1,450	2,590	2,716	2,723	2,692	2,613	2,744	3,262	6,108	13,587	29,875
Caribbean	Asia	6,525	10,046	11,819	11,979	12,610	15,490	16,458	17,444	20,005	23,201	26,789
Caribbean	Europe	22,479	42,807	54,888	55,381	56,212	59,592	60,336	62,837	69,282	78,644	94,317
Caribbean	Mideast	4,380	6,810	7,213	7,079	7,077	6,502	6,008	5,820	5,994	7,208	9,507
Caribbean	North America	13,111	17,088	20,546	20,553	21,654	22,598	22,242	22,151	21,931	21,514	21,483
Caribbean	South America	15,686	22,296	25,362	26,945	27,322	30,362	32,424	34,599	39,380	44,747	51,004
Caribbean	Caribbean	27,370	60,310	59,711	61,829	63,872	76,182	95,572	127,741	256,168	515,461	919,918
Total		**7,792,146**	**10,043,773**	**11,544,055**	**11,961,660**	**12,424,879**	**14,377,553**	**15,460,357**	**16,904,381**	**20,812,730**	**26,845,750**	**36,402,428**
Average Annual Growth Rate			**5.21%**	**4.75%**	**3.62%**	**3.87%**	**2.96%**	**1.46%**	**1.80%**	**2.10%**	**2.58%**	**3.09%**

Containerized WORLD Commodity Forecast For FUELS
Sorted by ORIGIN, by Major Region, 1995-2050, Selected Years
(TEUs)

Origin	Destination	1995	2000	2003	2004	2005	2010	2015	2020	2030	2040	2050
Africa	Africa	11	10	9	9	9	9	9	9	10	11	12
Africa	Asia	1	2	1	1	2	2	2	3	4	7	12
Africa	Europe	0	0	0	0	0	0	1	1	1	1	1
Africa	Mideast	0	0	0	0	0	0	0	0	0	0	1
Africa	North America	0										
Africa	South America	0	0	0	0	0	0	0	0	0	1	1
Africa	Caribbean	0	0	0	0	0	0	0	0	0	0	0
Asia	Africa	8	14	14	15	15	18	20	23	28	35	43
Asia	Asia	49,297	75,661	83,558	88,170	94,035	125,737	162,422	213,079	387,270	739,660	1,442,345
Asia	Europe	2,394	477	500	537	566	734	883	1,033	1,400	1,891	2,540
Asia	Mideast	171	1,124	1,096	1,156	1,205	1,456	1,713	2,006	2,696	3,579	4,688
Asia	North America	944	1,531	3,718	4,280	4,542	5,504	6,425	7,300	9,292	11,805	15,225
Asia	South America	179	404	426	451	467	571	672	808	1,001	1,252	1,552
Asia	Caribbean	30	72	66	68	70	80	88	95	104	112	120
Europe	Africa	3,736	5,075	5,149	5,331	5,517	6,717	8,037	9,471	12,633	16,465	21,200
Europe	Asia	5,734	6,499	7,082	7,736	8,483	12,633	17,928	25,540	53,629	115,376	245,399
Europe	Europe	76,428	82,492	90,846	88,667	90,653	99,736	106,995	114,485	132,732	154,915	181,476
Europe	Mideast	9,927	17,021	18,571	19,206	19,771	23,593	27,047	30,997	40,690	53,160	68,812
Europe	North America	8,883	2,678	2,893	3,197	3,255	3,631	4,005	4,385	5,356	6,614	8,181
Europe	South America	2,903	1,837	2,188	2,361	2,458	3,024	3,493	3,901	4,775	5,809	7,070
Europe	Caribbean	2,621	4,465	4,480	4,571	4,674	5,330	5,793	6,154	6,613	6,924	7,187
Mideast	Africa	9	67	70	71	72	79	86	93	105	117	131
Mideast	Asia	4	142	147	156	164	184	206	234	299	372	439
Mideast	Europe	1,041	550	644	645	681	798	880	958	1,129	1,325	1,552
Mideast	Mideast	185	696	815	813	813	826	842	870	939	1,019	1,098
Mideast	North America	0	8	7	8	9	12	15	19	27	39	54
Mideast	South America	1	1	1	1	1	1	1	1	2	2	2
Mideast	Caribbean	14	3	3	3	3	3	3	3	3	2	2
North America	Africa	83	167	240	238	244	220	203	202	202	200	195
North America	Asia	17,649	20,111	36,604	35,969	35,566	31,153	27,607	25,108	22,362	22,770	27,214
North America	Europe	3,985	5,257	7,092	7,424	7,317	6,095	5,330	4,826	4,080	3,545	3,234
North America	Mideast	373	630	587	567	578	544	523	529	540	543	533
North America	North America	124	364	383	423	433	508	572	646	803	982	1,186
North America	South America	7,115	10,198	16,153	16,222	16,151	15,907	15,917	16,420	17,176	17,709	18,026
North America	Caribbean	4,714	6,510	19,054	19,168	19,201	19,559	19,803	19,930	19,972	19,880	19,677
South America	Africa	3	1	1	1	1	1	1	2	2	2	2
South America	Asia	7	158	181	189	195	225	265	324	550	988	1,932
South America	Europe	208	363	356	352	366	399	418	430	459	498	553
South America	Mideast	17	70	79	79	80	83	86	91	102	116	130
South America	North America	77	221	350	387	406	481	550	609	741	903	1,111
South America	South America	1,312	2,827	3,242	3,521	3,679	4,656	5,448	6,208	7,923	9,989	12,453
South America	Caribbean	1,191	1,892	1,837	1,822	1,825	1,879	1,905	1,929	1,950	1,959	1,962
Caribbean	Africa	0	0	0	0	0	0	0	0	0	0	0
Caribbean	Asia	2	1	2	2	2	3	4	5	9	17	28
Caribbean	Europe	9	10	10	10	10	12	13	14	15	17	20
Caribbean	Mideast	0	0	0	0	0	0	0	0	0	0	0
Caribbean	North America	1	2	2	2	2	2	3	3	4	4	5
Caribbean	South America	222	85	95	101	104	120	132	140	153	169	187
Caribbean	Caribbean	47	112	110	112	114	122	129	135	145	153	162
Total		**201,665**	**249,808**	**308,664**	**314,043**	**323,737**	**372,647**	**426,478**	**499,017**	**737,926**	**1,200,940**	**2,097,754**
Average Annual Growth Rate			**4.37%**	**7.31%**	**1.74%**	**3.09%**	**2.85%**	**2.74%**	**3.19%**	**3.99%**	**4.99%**	**5.74%**

Containerized WORLD Commodity Forecast For HI-TECH PRODUCTS
Sorted by ORIGIN, by Major Region, 1995-2050, Selected Years
(TEUs)

Origin	Destination	1995	2000	2003	2004	2005	2010	2015	2020	2030	2040	2050
Africa	Africa	1,277	2,349	2,025	2,248	2,500	3,770	4,077	4,482	5,531	7,346	10,396
Africa	Asia	58	308	261	294	333	570	851	1,279	2,890	6,581	14,761
Africa	Europe	1,466	3,454	4,153	4,494	4,946	7,661	9,642	11,672	16,523	22,741	30,700
Africa	Mideast	367	665	607	682	772	1,156	1,405	1,731	2,637	4,040	6,298
Africa	North America	44	171	52	59	68	117	173	236	406	657	1,012
Africa	South America	9	19	15	17	19	32	40	49	72	106	158
Africa	Caribbean	2	4	4	4	5	8	9	10	11	13	15
Asia	Africa	10,762	17,888	16,406	17,098	18,360	27,762	38,944	54,066	102,903	197,306	384,944
Asia	Asia	591,119	979,325	919,970	1,032,661	1,143,883	1,845,117	2,588,212	3,669,980	7,531,774	15,715,423	31,821,115
Asia	Europe	319,433	581,717	621,813	667,510	703,931	1,001,714	1,295,381	1,620,928	2,439,242	3,565,246	5,127,217
Asia	Mideast	39,722	51,436	46,504	49,928	54,531	80,825	109,606	148,610	270,012	489,143	894,285
Asia	North America	438,296	726,059	782,915	835,223	907,165	1,410,219	1,869,345	2,366,939	3,586,508	5,144,430	7,046,912
Asia	South America	42,142	52,367	53,052	58,774	65,011	102,020	133,350	167,352	261,933	416,237	692,185
Asia	Caribbean	4,282	3,278	2,956	3,160	3,411	5,094	6,920	9,559	18,993	38,658	77,398
Europe	Africa	17,510	24,898	22,442	25,449	29,020	50,271	67,727	88,253	148,250	256,802	469,852
Europe	Asia	40,838	55,498	58,800	66,182	74,668	122,256	172,457	255,967	558,043	1,215,817	2,660,222
Europe	Europe	88,254	197,780	226,203	245,763	274,662	441,754	600,941	787,155	1,298,963	2,086,970	3,289,385
Europe	Mideast	16,343	38,155	38,785	44,509	51,181	88,227	122,963	167,928	304,061	534,292	907,088
Europe	North America	19,660	26,837	38,673	41,182	45,512	69,355	89,104	110,123	162,009	230,789	320,575
Europe	South America	6,942	11,448	12,650	14,446	16,529	27,793	34,356	40,735	56,083	76,060	102,123
Europe	Caribbean	3,350	3,166	2,823	3,175	3,564	5,745	6,992	8,584	13,911	24,572	42,742
Mideast	Africa	818	2,055	1,906	2,061	2,260	3,607	5,216	7,076	11,930	20,047	34,017
Mideast	Asia	931	2,266	2,131	2,386	2,630	4,222	6,055	8,596	16,922	33,107	65,097
Mideast	Europe	5,173	23,982	31,164	33,258	36,344	58,677	80,486	104,938	167,220	254,805	377,994
Mideast	Mideast	2,259	5,235	4,949	5,577	6,314	10,093	13,480	17,703	29,906	49,840	83,379
Mideast	North America	339	843	731	807	894	1,366	1,735	2,116	3,033	4,210	5,710
Mideast	South America	178	360	316	355	387	584	734	878	1,218	1,640	2,171
Mideast	Caribbean	29	99	94	101	115	172	204	227	291	362	437
North America	Africa	709	1,123	1,074	1,120	1,166	1,539	1,918	2,337	3,550	5,734	10,328
North America	Asia	52,708	54,448	61,796	66,612	71,560	98,755	132,467	181,754	357,338	727,354	1,498,687
North America	Europe	29,804	42,738	44,563	45,758	48,064	60,759	70,549	81,983	112,011	155,038	217,825
North America	Mideast	961	1,988	3,230	3,489	3,838	4,752	5,708	6,705	9,036	11,838	15,260
North America	North America	299	1,622	3,065	3,493	3,908	6,044	8,249	10,803	17,830	28,292	43,368
North America	South America	32,959	39,235	29,579	32,265	34,388	48,417	63,387	81,267	137,943	246,660	475,531
North America	Caribbean	2,784	4,413	6,245	6,642	7,084	10,052	14,538	22,690	55,631	134,987	310,462
South America	Africa	27	244	226	261	301	538	728	928	1,430	2,108	3,001
South America	Asia	265	1,566	1,625	1,863	2,135	3,749	5,693	9,286	23,050	54,793	127,985
South America	Europe	1,179	2,740	3,051	3,365	3,791	6,479	9,204	12,479	20,926	32,954	49,597
South America	Mideast	39	43	43	49	55	90	122	160	257	393	582
South America	North America	2,510	9,114	22,735	26,230	30,026	50,803	77,703	110,730	205,006	350,418	563,378
South America	South America	2,463	7,101	8,370	9,336	10,455	16,332	19,801	23,239	31,503	42,486	57,521
South America	Caribbean	897	2,004	1,898	2,056	2,238	3,233	3,725	4,262	5,564	7,370	10,141
Caribbean	Africa	11	29	31	32	35	54	64	75	99	131	168
Caribbean	Asia	77	59	61	69	78	130	185	265	530	1,049	2,050
Caribbean	Europe	350	253	278	298	326	503	623	752	1,075	1,524	2,152
Caribbean	Mideast	13	13	13	14	16	28	42	67	161	381	908
Caribbean	North America	181	203	1,263	1,382	1,571	2,293	2,816	3,357	4,675	6,391	8,612
Caribbean	South America	403	655	773	831	895	1,231	1,473	1,722	2,308	3,047	3,960
Caribbean	Caribbean	967	1,032	1,054	1,055	1,060	1,122	1,206	1,373	2,044	3,441	6,365
Total		**1,781,207**	**2,982,284**	**3,083,373**	**3,363,622**	**3,672,004**	**5,687,094**	**7,680,607**	**10,213,406**	**18,003,243**	**32,213,625**	**57,876,072**
Average Annual Growth Rate			**10.86%**	**1.12%**	**9.09%**	**9.17%**	**9.14%**	**6.19%**	**5.87%**	**5.83%**	**5.99%**	**6.03%**

Containerized WORLD Commodity Forecast For INTERMEDIATE MANUFACTURED PRODUCTS
Sorted by ORIGIN, by Major Region, 1995-2050, Selected Years
(TEUs)

Origin	Destination	1995	2000	2003	2004	2005	2010	2015	2020	2030	2040	2050
Africa	Africa	51,651	61,679	63,313	66,712	70,067	89,265	107,744	136,990	235,362	442,088	899,315
Africa	Asia	38,730	63,540	69,858	74,500	79,505	98,764	126,571	167,232	294,688	519,029	912,622
Africa	Europe	28,806	58,564	79,030	85,197	89,883	110,479	130,712	150,080	194,978	252,090	327,617
Africa	Mideast	11,371	12,425	12,869	14,122	15,309	20,522	25,158	31,908	52,425	89,962	161,548
Africa	North America	5,894	10,644	11,077	12,202	13,187	15,277	17,575	19,777	25,210	31,772	39,872
Africa	South America	1,512	1,809	2,234	2,497	2,704	3,740	4,421	5,076	6,519	8,252	10,387
Africa	Caribbean	273	403	415	445	472	602	668	740	918	1,166	1,503
Asia	Africa	60,504	153,770	165,833	176,454	188,591	282,814	397,697	578,394	1,260,712	2,770,304	6,015,742
Asia	Asia	2,911,957	4,089,753	4,898,283	5,272,746	5,726,141	7,817,377	10,129,981	13,387,698	24,507,627	47,085,572	92,622,636
Asia	Europe	501,894	1,051,628	1,435,664	1,476,802	1,522,246	1,901,933	2,221,166	2,541,585	3,363,429	4,594,175	6,636,365
Asia	Mideast	201,258	359,198	376,129	402,515	431,023	587,261	731,866	957,014	1,717,551	3,234,725	6,143,023
Asia	North America	607,675	1,221,115	1,579,920	1,661,592	1,804,609	2,486,980	3,141,395	3,781,586	5,391,208	7,568,571	10,465,321
Asia	South America	59,321	105,576	130,232	140,665	151,672	215,417	273,392	356,251	642,141	1,248,853	2,559,445
Asia	Caribbean	17,163	35,391	37,499	40,341	43,366	63,275	95,221	145,338	339,812	777,750	1,705,755
Europe	Africa	144,724	159,793	171,828	189,036	207,307	321,271	419,615	531,403	810,136	1,207,214	1,786,590
Europe	Asia	431,484	446,168	523,839	561,120	606,911	897,026	1,239,144	1,778,019	3,770,366	8,220,488	17,799,804
Europe	Europe	667,474	1,006,584	1,230,780	1,280,739	1,349,577	1,701,706	2,036,273	2,363,933	3,137,666	4,181,065	5,646,763
Europe	Mideast	252,851	303,532	346,289	379,743	415,042	602,746	732,383	897,205	1,337,671	1,987,937	2,935,357
Europe	North America	273,189	449,868	455,093	492,467	547,159	738,669	914,609	1,089,584	1,518,438	2,083,848	2,824,997
Europe	South America	60,439	93,649	120,984	134,749	148,742	225,758	267,261	308,979	406,027	529,037	688,399
Europe	Caribbean	35,710	34,556	36,296	39,984	43,684	61,062	67,514	72,920	82,494	92,163	103,030
Mideast	Africa	18,901	55,120	56,262	61,353	66,151	96,122	126,774	164,201	266,229	434,716	717,450
Mideast	Asia	106,211	121,614	136,471	143,151	148,502	184,831	236,740	318,299	593,412	1,134,833	2,170,191
Mideast	Europe	72,317	201,631	260,630	280,951	299,496	377,409	458,804	544,725	756,989	1,065,149	1,577,095
Mideast	Mideast	106,563	142,334	146,278	157,215	167,962	218,458	260,731	322,231	498,299	792,605	1,309,231
Mideast	North America	16,387	41,906	55,524	62,025	68,981	94,275	117,661	142,006	201,869	280,890	382,326
Mideast	South America	1,174	3,598	4,147	4,526	4,895	6,918	8,364	9,837	13,253	17,580	23,241
Mideast	Caribbean	1,284	3,261	3,378	3,622	3,837	4,560	4,857	5,061	5,375	5,652	5,993
North America	Africa	3,396	3,781	4,480	4,350	4,247	5,104	5,868	6,554	7,989	9,540	11,227
North America	Asia	317,317	251,747	314,732	329,486	342,869	420,609	518,940	621,854	938,173	1,519,201	2,599,357
North America	Europe	128,210	139,521	196,224	202,620	211,974	250,391	294,332	334,675	429,559	563,738	779,948
North America	Mideast	12,544	8,878	9,186	9,441	9,463	11,696	13,654	15,484	19,740	25,077	31,994
North America	North America	6,209	12,037	23,169	25,010	27,438	36,128	46,918	56,749	80,230	111,805	153,874
North America	South America	109,203	88,093	79,797	85,350	88,840	109,581	127,668	144,367	180,597	222,390	271,625
North America	Caribbean	39,252	39,381	39,382	41,750	44,126	56,769	69,517	87,862	161,104	330,188	624,474
South America	Africa	3,118	5,026	5,672	6,030	6,478	9,627	12,782	16,832	29,273	52,753	100,918
South America	Asia	74,919	73,335	79,081	81,943	83,261	99,761	122,731	159,546	300,430	627,181	1,341,575
South America	Europe	45,321	77,996	102,408	107,633	111,580	124,454	141,543	155,197	179,881	202,163	228,979
South America	Mideast	2,732	4,165	5,162	5,572	6,072	8,652	11,068	14,703	26,792	50,955	102,116
South America	North America	76,225	137,448	401,003	441,688	491,715	643,303	726,590	805,353	999,513	1,260,754	1,610,826
South America	South America	92,470	110,319	140,377	151,395	163,057	228,313	276,819	336,698	510,465	822,507	1,445,556
South America	Caribbean	31,359	53,016	57,682	62,039	66,397	93,472	128,374	188,895	428,897	997,352	2,278,992
Caribbean	Africa	70	479	532	554	583	790	1,033	1,397	2,657	5,341	11,515
Caribbean	Asia	254	274	296	317	343	476	629	854	1,614	3,114	6,104
Caribbean	Europe	3,058	1,612	2,077	2,151	2,227	2,561	2,919	3,247	4,033	5,088	6,556
Caribbean	Mideast	89	225	264	279	298	381	444	542	857	1,439	2,541
Caribbean	North America	4,683	7,874	9,174	10,458	11,879	17,520	23,903	30,670	48,350	73,290	107,449
Caribbean	South America	9,714	21,220	26,845	29,037	31,282	41,923	47,384	52,841	65,193	81,620	106,314
Caribbean	Caribbean	27,183	42,175	45,645	48,454	50,977	68,306	94,659	142,379	335,094	798,311	1,852,529
Total		**7,674,045**	**11,367,708**	**13,953,342**	**14,863,029**	**15,972,123**	**21,454,334**	**26,962,074**	**33,984,767**	**56,181,245**	**98,421,294**	**180,146,089**
Average Annual Growth Rate			**8.18%**	**7.07%**	**6.52%**	**7.46%**	**6.08%**	**4.68%**	**4.74%**	**5.16%**	**5.77%**	**6.23%**

Containerized WORLD Commodity Forecast For MATERIALS
Sorted by ORIGIN, by Major Region, 1995-2050, Selected Years
(TEUs)

Origin	Destination	1995	2000	2003	2004	2005	2010	2015	2020	2030	2040	2050
Africa	Africa	20,756	27,126	28,501	28,532	28,553	29,548	32,765	39,692	68,856	139,170	307,957
Africa	Asia	20,911	28,293	33,225	33,692	34,978	44,445	54,216	67,509	112,101	208,191	423,728
Africa	Europe	48,620	67,599	85,876	90,215	92,468	88,374	90,423	95,127	105,837	118,721	135,944
Africa	Mideast	6,275	8,143	8,879	9,084	9,335	10,268	11,374	13,050	17,918	25,963	40,119
Africa	North America	1,912	2,807	4,956	4,828	4,928	5,776	6,529	7,133	8,469	10,047	11,907
Africa	South America	4,045	3,534	4,587	4,770	4,883	5,717	6,313	6,837	7,787	9,184	12,222
Africa	Caribbean	177	642	693	724	741	792	834	870	945	1,065	1,277
Asia	Africa	71,678	102,812	105,811	107,940	111,491	150,866	208,593	313,609	734,374	1,717,872	4,002,541
Asia	Asia	2,403,502	3,757,692	4,332,325	4,513,296	4,639,489	5,812,869	6,932,157	8,865,563	15,378,606	28,567,845	55,047,018
Asia	Europe	485,303	767,729	956,767	949,854	950,332	1,079,367	1,193,125	1,367,916	2,028,191	3,426,461	6,580,307
Asia	Mideast	232,600	329,666	344,074	365,535	379,697	469,686	570,908	729,970	1,336,427	2,767,274	6,217,591
Asia	North America	439,106	809,253	1,099,786	1,091,092	1,115,582	1,234,948	1,317,243	1,382,575	1,600,650	1,907,914	2,273,557
Asia	South America	52,271	84,305	98,727	103,691	108,845	144,546	161,515	185,817	275,532	487,811	999,361
Asia	Caribbean	20,632	41,416	39,289	40,442	42,007	55,347	79,949	115,178	246,446	522,314	1,084,006
Europe	Africa	134,261	185,806	197,402	203,226	207,767	245,862	277,699	307,298	373,113	460,536	576,925
Europe	Asia	413,742	718,869	877,572	895,110	919,677	1,081,310	1,274,962	1,580,281	2,643,291	4,967,334	10,161,894
Europe	Europe	575,359	804,404	983,110	980,173	967,737	954,123	950,464	967,378	1,043,615	1,195,140	1,463,354
Europe	Mideast	189,390	258,172	301,690	317,106	333,009	408,667	467,778	540,518	724,752	981,427	1,354,431
Europe	North America	148,548	270,737	395,881	383,231	382,272	410,792	423,363	438,765	489,460	561,739	654,284
Europe	South America	51,430	74,196	100,613	105,875	110,735	137,364	156,054	173,761	212,142	260,419	322,317
Europe	Caribbean	16,225	16,523	17,167	17,779	18,157	19,244	20,255	21,346	23,584	26,774	31,931
Mideast	Africa	9,109	21,017	21,883	22,187	22,442	24,987	27,735	31,138	42,310	67,109	125,935
Mideast	Asia	10,757	23,314	24,731	25,334	26,013	32,538	40,446	53,369	100,140	204,631	443,537
Mideast	Europe	46,857	91,569	111,743	118,855	125,549	134,261	144,856	156,781	189,373	241,297	329,324
Mideast	Mideast	40,011	61,673	64,637	67,509	69,784	76,632	85,138	95,221	122,523	166,287	234,351
Mideast	North America	7,978	24,886	33,436	36,202	38,283	44,735	47,415	50,947	60,542	73,579	90,389
Mideast	South America	1,190	1,077	1,341	1,442	1,515	2,110	2,304	2,446	2,762	3,848	7,088
Mideast	Caribbean	172	372	388	394	396	393	404	413	448	550	823
North America	Africa	10,891	9,736	10,769	11,005	11,230	14,602	21,454	35,451	93,910	237,715	597,675
North America	Asia	1,079,322	1,021,526	1,533,385	1,543,660	1,495,667	1,269,793	1,119,432	1,082,649	1,054,069	1,089,098	1,201,064
North America	Europe	309,835	309,488	335,180	351,134	357,631	294,176	272,476	281,815	313,705	363,221	441,757
North America	Mideast	33,360	40,301	33,597	33,655	33,541	33,746	33,986	35,253	38,492	42,795	48,539
North America	North America	16,295	21,847	51,862	49,656	49,025	44,305	41,497	40,967	40,181	40,510	42,361
North America	South America	147,431	156,965	162,397	163,254	162,331	164,862	167,101	171,438	185,938	206,654	233,965
North America	Caribbean	53,373	72,778	138,770	151,402	165,851	264,170	428,855	646,350	1,426,375	3,001,018	6,029,481
South America	Africa	5,614	5,507	5,319	4,832	4,476	3,679	3,598	4,051	6,211	11,188	22,978
South America	Asia	58,944	67,688	94,773	94,277	94,992	102,449	107,867	123,160	170,731	265,376	472,600
South America	Europe	90,286	115,927	168,616	174,356	178,165	190,641	190,905	198,209	218,838	249,630	293,858
South America	Mideast	13,234	10,656	11,865	12,038	12,286	12,627	13,104	14,087	16,802	20,683	25,944
South America	North America	62,606	108,325	507,264	483,957	480,569	466,269	442,880	452,309	468,959	486,297	515,370
South America	South America	55,076	86,840	108,600	112,166	116,048	136,971	158,007	187,282	282,232	466,808	824,083
South America	Caribbean	14,685	30,517	28,475	29,643	30,767	36,475	45,423	57,816	101,500	187,326	345,699
Caribbean	Africa	59	214	210	210	212	225	228	231	240	255	276
Caribbean	Asia	1,811	2,455	3,212	3,098	3,066	3,847	4,260	4,844	6,427	8,766	12,422
Caribbean	Europe	2,624	4,023	5,288	5,443	5,575	5,835	5,888	6,018	6,592	7,641	9,219
Caribbean	Mideast	85	160	191	196	198	213	230	249	296	358	425
Caribbean	North America	5,077	8,575	13,323	13,148	13,470	13,684	14,268	14,945	16,413	18,213	20,532
Caribbean	South America	7,359	9,888	11,666	11,619	11,565	11,832	12,117	12,539	13,181	13,784	14,488
Caribbean	Caribbean	9,328	16,128	15,313	15,750	16,146	18,598	22,252	28,057	50,766	93,711	157,051
Total		**7,430,111**	**10,683,177**	**13,515,167**	**13,782,618**	**13,989,475**	**15,794,567**	**17,690,644**	**21,008,231**	**32,462,052**	**55,931,552**	**104,243,903**
Average Annual Growth Rate			**7.53%**	**8.15%**	**1.98%**	**1.50%**	**2.46%**	**2.29%**	**3.50%**	**4.45%**	**5.59%**	**6.42%**

Containerized WORLD Commodity Forecast For ALL COMMODITIES
Sorted by ORIGIN, by Major Region, 1995-2050, Selected Years
(TEUs)

Origin	Destination	1995	2000	2003	2004	2005	2010	2015	2020	2030	2040	2050
Africa	Africa	211,943	273,353	285,859	294,968	302,619	345,690	395,141	493,191	874,579	1,758,140	3,868,028
Africa	Asia	150,665	230,294	255,274	267,992	283,645	361,725	440,843	553,156	916,316	1,613,705	2,961,716
Africa	Europe	409,041	581,103	707,010	725,859	743,229	817,467	875,853	931,963	1,076,249	1,264,689	1,508,433
Africa	Mideast	82,105	111,403	119,845	126,351	132,777	162,545	186,950	225,359	332,255	520,576	872,043
Africa	North America	27,712	49,513	77,010	83,168	90,877	118,308	135,195	148,827	184,022	221,764	267,696
Africa	South America	29,912	10,512	13,177	13,982	14,668	18,542	20,868	23,087	27,903	33,935	42,495
Africa	Caribbean	1,935	3,877	4,155	4,403	4,589	5,453	6,039	6,793	9,259	13,965	23,053
Asia	Africa	309,636	567,351	599,350	618,449	645,061	881,369	1,201,306	1,736,061	3,817,707	8,584,533	19,467,464
Asia	Asia	13,173,210	19,976,221	22,981,778	24,403,160	25,845,049	34,223,230	42,764,231	55,281,685	97,774,721	183,913,722	347,757,385
Asia	Europe	3,584,347	6,273,458	7,830,453	8,039,602	8,213,759	9,710,127	10,941,238	12,427,261	16,626,620	23,505,254	35,647,458
Asia	Mideast	1,034,303	1,548,868	1,605,255	1,697,581	1,791,456	2,307,932	2,802,970	3,553,775	6,084,820	11,230,701	22,045,905
Asia	North America	3,843,635	6,801,526	8,949,767	9,327,872	10,040,316	13,779,467	16,457,973	19,215,082	26,120,288	35,065,417	46,195,584
Asia	South America	333,869	500,527	596,892	643,345	690,617	959,427	1,151,339	1,396,445	2,179,858	3,724,561	6,952,992
Asia	Caribbean	80,892	142,759	144,888	152,750	161,239	218,991	310,581	449,139	977,402	2,132,790	4,533,282
Europe	Africa	968,021	1,155,312	1,202,109	1,281,211	1,355,806	1,806,769	2,161,796	2,552,641	3,538,557	4,976,825	7,221,579
Europe	Asia	2,684,122	3,393,464	3,850,026	4,069,864	4,331,414	5,902,173	7,492,387	9,877,564	18,321,955	36,366,845	74,151,269
Europe	Europe	4,287,373	5,988,423	7,005,258	7,250,437	7,533,863	8,988,787	10,094,705	11,295,620	14,310,935	18,659,025	25,094,197
Europe	Mideast	1,211,442	1,669,081	1,850,615	2,008,076	2,174,982	3,035,648	3,616,417	4,347,245	6,295,095	9,118,254	13,189,503
Europe	North America	1,366,085	2,341,880	2,754,276	2,886,693	3,105,584	3,990,913	4,599,473	5,184,189	6,661,566	8,581,549	10,970,931
Europe	South America	487,886	598,637	737,394	810,605	886,152	1,288,488	1,498,946	1,699,121	2,160,207	2,734,363	3,458,230
Europe	Caribbean	217,987	223,964	230,483	247,352	262,678	328,642	350,338	370,921	413,247	468,542	550,282
Mideast	Africa	102,197	188,910	195,813	207,595	220,033	310,959	441,774	663,578	1,527,660	3,534,332	7,899,605
Mideast	Asia	362,109	572,516	624,404	656,964	684,431	837,379	1,026,021	1,298,471	2,257,470	4,169,143	7,573,623
Mideast	Europe	523,922	852,180	1,000,619	1,057,859	1,114,997	1,346,604	1,544,029	1,749,219	2,268,986	3,034,457	4,269,282
Mideast	Mideast	457,431	684,572	726,392	771,966	819,124	1,048,917	1,240,887	1,516,926	2,376,204	3,966,421	6,622,357
Mideast	North America	76,168	144,809	199,982	218,342	239,432	298,904	347,689	395,980	526,727	699,363	918,809
Mideast	South America	13,167	21,954	27,173	28,734	30,371	38,611	43,164	47,723	58,771	75,172	103,510
Mideast	Caribbean	2,684	6,841	7,105	7,494	7,856	9,049	10,066	11,471	16,609	27,909	53,846
North America	Africa	59,120	51,533	63,431	63,677	64,493	75,085	87,580	107,793	183,324	353,583	754,045
North America	Asia	3,775,267	3,586,181	4,552,811	4,699,748	4,760,613	5,105,829	5,461,351	6,066,559	7,949,128	11,404,531	17,834,683
North America	Europe	1,331,149	1,492,684	1,736,931	1,793,581	1,833,805	1,994,851	2,148,798	2,339,190	2,830,105	3,535,675	4,591,569
North America	Mideast	101,196	133,104	158,883	163,400	167,511	202,562	223,713	247,790	303,724	371,162	452,095
North America	North America	78,191	140,365	431,074	450,829	478,091	607,365	683,572	760,057	929,950	1,127,815	1,356,231
North America	South America	785,929	839,523	819,583	861,599	884,301	1,043,790	1,166,433	1,297,618	1,658,007	2,216,176	3,061,292
North America	Caribbean	232,594	335,278	405,205	428,903	453,200	594,343	792,354	1,054,069	1,985,399	3,870,237	7,448,769
South America	Africa	40,468	55,081	57,535	59,885	61,227	74,093	85,718	101,230	151,165	248,493	458,401
South America	Asia	420,123	480,304	552,834	576,441	596,633	727,037	837,434	1,007,559	1,577,759	2,739,600	5,170,057
South America	Europe	703,214	940,148	1,191,972	1,244,537	1,288,407	1,553,657	1,676,825	1,728,379	2,034,577	2,466,409	3,162,815
South America	Mideast	90,193	148,856	157,412	166,726	177,164	223,234	256,598	302,386	437,203	651,283	961,737
South America	North America	438,219	716,039	1,671,683	1,734,654	1,826,293	2,212,172	2,442,993	2,707,052	3,359,515	4,207,263	5,302,882
South America	South America	445,188	664,436	810,291	861,977	917,740	1,222,941	1,418,486	1,642,654	2,242,279	3,182,414	4,756,856
South America	Caribbean	115,422	209,086	213,135	226,736	239,628	313,229	400,103	532,466	1,029,215	2,116,342	4,386,198
Caribbean	Africa	2,367	4,471	4,647	4,753	4,838	5,589	6,841	9,331	20,014	46,133	101,031
Caribbean	Asia	17,309	23,633	26,888	27,147	27,422	32,574	34,621	37,734	47,880	65,974	98,811
Caribbean	Europe	105,059	124,638	153,969	160,943	165,278	178,607	187,559	196,966	219,161	250,357	296,640
Caribbean	Mideast	5,819	11,867	12,844	12,955	13,179	13,572	13,801	15,026	18,243	23,902	32,844
Caribbean	North America	94,721	212,906	269,826	279,818	294,217	337,673	380,365	422,673	528,325	658,388	814,279
Caribbean	South America	50,693	79,890	94,153	99,072	103,105	124,193	135,347	146,741	171,250	202,574	247,223
Caribbean	Caribbean	94,207	197,477	200,980	213,537	225,420	293,467	377,496	505,281	986,410	2,005,663	3,983,664
Total		**45,020,247**	**65,360,809**	**78,168,449**	**82,033,595**	**86,309,191**	**110,077,980**	**130,976,208**	**158,681,047**	**246,398,624**	**411,739,926**	**719,492,679**
Average Annual Growth Rate			**7.74%**	**6.15%**	**4.94%**	**5.21%**	**4.99%**	**3.54%**	**3.91%**	**4.50%**	**5.27%**	**5.74%**

Containerized World Commodity By Destination (TEUs)

Containerized WORLD Commodity Forecast For AGRICULTURE COMMODITIES
Sorted by DESTINATION, by Major Region, 1995-2050, Selected Years
(TEUs)

Destination	Origin	1995	2000	2003	2004	2005	2010	2015	2020	2030	2040	2050
Africa	Africa	10,252	16,817	18,707	19,102	19,418	21,681	24,084	29,388	48,087	90,959	192,678
Africa	Asia	15,514	27,965	28,839	29,767	30,415	34,413	41,445	50,566	97,711	212,030	486,898
Africa	Europe	42,503	68,798	68,715	73,724	77,720	99,783	114,573	132,599	180,550	262,564	430,952
Africa	Mideast	6,502	9,951	10,946	11,501	12,038	15,688	17,743	19,961	24,956	31,415	41,458
Africa	North America	1,598	2,214	2,743	2,857	2,921	3,356	3,704	4,062	4,711	5,346	5,963
Africa	South America	7,684	9,262	9,073	9,476	9,788	11,847	14,453	18,428	32,887	65,664	144,985
Africa	Caribbean	577	616	623	682	744	1,201	1,969	3,446	9,658	25,010	56,401
Asia	Africa	23,932	41,713	46,084	47,697	49,258	61,779	72,031	86,969	136,305	235,723	421,622
Asia	Asia	758,778	1,042,582	1,094,082	1,130,626	1,144,451	1,314,264	1,488,050	1,747,223	2,498,849	3,811,660	5,768,974
Asia	Europe	131,682	150,495	165,116	173,161	180,936	215,245	242,849	276,846	354,515	461,247	600,795
Asia	Mideast	25,846	63,893	69,846	73,468	77,955	99,940	115,715	133,239	174,893	228,505	296,259
Asia	North America	462,409	329,794	437,021	471,862	480,371	544,935	587,175	631,624	740,798	881,487	1,073,980
Asia	South America	72,688	82,318	90,421	91,430	90,320	99,470	103,250	110,084	126,842	144,951	174,478
Asia	Caribbean	7,099	9,509	10,127	10,225	9,761	10,419	10,176	10,358	11,483	13,616	17,143
Europe	Africa	124,837	149,732	167,273	168,852	170,580	184,632	193,246	198,527	213,990	236,148	270,295
Europe	Asia	185,607	274,416	307,609	306,861	304,771	283,643	268,588	263,745	262,027	269,985	285,104
Europe	Europe	283,755	433,878	475,546	490,125	507,394	585,071	626,549	686,428	790,661	939,027	1,179,981
Europe	Mideast	127,304	130,999	131,225	137,868	140,568	157,190	166,106	173,547	190,622	212,983	239,968
Europe	North America	162,736	154,151	151,624	155,821	152,102	149,143	149,012	149,998	156,202	166,910	181,306
Europe	South America	274,097	341,921	400,462	421,545	432,163	534,527	577,651	531,238	592,825	665,299	754,800
Europe	Caribbean	67,457	62,632	73,848	79,398	81,920	88,281	94,468	98,948	107,918	120,409	139,100
Mideast	Africa	45,999	58,083	63,879	66,594	69,150	80,379	88,277	101,603	128,231	161,058	199,657
Mideast	Asia	110,645	132,791	138,061	144,312	147,981	174,507	191,762	212,834	257,836	310,187	371,855
Mideast	Europe	51,477	97,026	101,925	106,996	111,104	133,189	147,508	161,308	196,955	238,968	285,117
Mideast	Mideast	143,561	188,191	206,641	219,809	233,953	308,560	350,569	398,491	502,060	624,651	770,307
Mideast	North America	9,723	20,051	31,868	32,954	33,265	43,021	48,691	54,077	66,337	80,492	95,908
Mideast	South America	24,305	36,148	39,413	43,198	46,999	61,453	75,843	96,172	165,202	284,924	453,321
Mideast	Caribbean	1,060	3,462	3,858	3,976	4,065	4,461	4,824	5,718	7,207	8,993	10,899
North America	Africa	2,411	7,454	8,188	7,987	8,069	8,266	8,333	7,957	7,973	7,996	8,108
North America	Asia	55,451	94,691	151,593	151,331	155,459	163,393	168,667	158,885	176,880	199,916	226,757
North America	Europe	31,631	77,805	100,096	97,746	96,637	112,895	114,779	107,803	109,057	114,291	121,732
North America	Mideast	3,642	5,304	7,169	7,864	8,658	10,222	11,341	8,388	9,579	10,930	12,454
North America	North America	18,095	17,218	8,060	8,311	8,520	8,773	9,349	9,954	12,040	14,674	17,741
North America	South America	81,277	141,173	220,756	221,904	228,956	250,367	262,405	270,721	296,556	325,255	356,293
North America	Caribbean	26,648	45,122	48,382	49,644	50,118	44,013	42,654	39,569	33,374	27,737	22,997
South America	Africa	362	524	643	640	646	692	702	778	861	944	1,028
South America	Asia	10,049	8,567	11,419	11,988	12,503	14,884	16,089	18,008	21,532	25,774	32,133
South America	Europe	16,883	23,085	29,371	30,918	32,657	40,237	43,445	47,710	54,176	60,843	67,063
South America	Mideast	1,672	2,759	3,227	3,299	3,407	3,952	4,137	4,315	4,641	4,969	5,470
South America	North America	30,347	36,380	38,725	39,528	41,059	48,724	52,859	57,619	66,008	74,445	83,209
South America	South America	47,287	56,842	67,275	70,346	74,897	95,834	107,930	119,820	143,872	171,440	206,697
South America	Caribbean	3,826	4,244	4,677	4,723	4,788	5,203	5,405	6,151	7,028	7,963	8,933
Caribbean	Africa	123	385	425	457	491	692	958	1,301	2,484	4,828	9,314
Caribbean	Asia	652	3,043	3,372	3,447	3,521	3,890	4,252	4,825	6,906	11,706	21,350
Caribbean	Europe	10,474	16,008	15,526	16,772	17,852	22,830	24,796	26,236	28,651	30,956	33,399
Caribbean	Mideast	86	209	230	254	267	299	302	305	311	317	324
Caribbean	North America	20,432	25,873	31,536	32,920	34,170	39,415	41,769	43,563	46,655	49,450	51,958
Caribbean	South America	10,355	16,525	16,566	17,602	18,639	24,170	29,375	35,602	56,122	96,532	176,243
Caribbean	Caribbean	8,399	34,322	34,582	37,952	41,366	60,694	82,092	108,514	201,151	385,679	742,141
Total		**3,559,731**	**4,556,941**	**5,147,394**	**5,339,522**	**5,464,791**	**6,281,524**	**6,851,953**	**7,465,452**	**9,366,172**	**12,416,854**	**17,155,545**
Average Annual Growth Rate			**5.06%**	**4.14%**	**3.73%**	**2.35%**	**2.82%**	**1.75%**	**1.73%**	**2.29%**	**2.86%**	**3.29%**

Containerized WORLD Commodity Forecast For CAPITAL EQUIPMENT
Sorted by DESTINATION, by Major Region, 1995-2050, Selected Years
(TEUs)

Destination	Origin	1995	2000	2003	2004	2005	2010	2015	2020	2030	2040	2050
Africa	Africa	12,066	15,688	13,154	14,382	15,859	23,413	26,477	29,839	38,163	50,262	68,482
Africa	Asia	34,972	60,578	59,595	62,130	66,251	101,567	151,192	233,279	557,766	1,319,069	3,074,828
Africa	Europe	99,794	151,284	139,303	155,220	175,887	301,479	395,372	486,632	722,100	1,057,719	1,533,322
Africa	Mideast	5,749	9,522	8,409	9,276	10,285	16,681	24,650	36,767	82,245	183,614	415,092
Africa	North America	9,835	9,116	14,550	14,429	14,936	18,061	20,666	23,219	31,144	44,162	62,216
Africa	South America	2,695	3,019	3,167	3,350	3,689	5,826	7,412	9,059	13,496	20,499	32,653
Africa	Caribbean	45	219	224	238	254	337	398	463	621	821	1,069
Asia	Africa	2,094	3,695	3,396	3,726	4,190	6,904	9,731	14,009	29,392	61,997	128,506
Asia	Asia	1,155,302	1,407,746	1,682,784	1,831,863	2,001,917	2,886,261	3,912,937	5,442,682	10,900,951	22,370,562	37,033,429
Asia	Europe	441,621	413,324	429,461	479,414	540,689	880,759	1,250,320	1,842,048	4,033,665	8,888,992	18,907,025
Asia	Mideast	5,285	11,351	10,828	11,980	13,327	21,069	28,637	38,717	71,245	132,201	243,939
Asia	North America	268,045	237,791	286,033	303,895	317,248	390,260	471,746	573,266	886,009	1,470,274	2,620,070
Asia	South America	13,533	11,120	14,618	15,623	17,068	23,581	31,866	44,924	92,914	198,256	412,922
Asia	Caribbean	929	268	327	350	379	536	699	941	1,777	3,492	7,095
Europe	Africa	15,308	28,551	41,985	46,493	51,079	75,869	91,779	106,230	138,058	175,018	217,556
Europe	Asia	280,702	632,540	832,217	862,600	908,279	1,250,746	1,503,053	1,770,231	2,468,855	3,497,550	5,041,440
Europe	Europe	357,755	583,573	703,262	758,201	827,935	1,185,871	1,462,604	1,737,666	2,385,698	3,234,751	4,359,378
Europe	Mideast	24,319	54,988	69,913	76,175	82,400	125,943	155,132	183,008	247,651	329,507	434,975
Europe	North America	176,000	242,102	320,826	337,768	353,461	463,721	541,620	612,726	778,948	994,004	1,261,211
Europe	South America	20,638	36,422	53,403	57,975	62,370	85,593	105,106	122,735	162,337	210,237	268,309
Europe	Caribbean	2,157	3,873	6,252	6,520	6,619	6,984	6,857	7,042	8,241	10,290	12,817
Mideast	Africa	1,385	2,470	2,137	2,360	2,602	3,765	4,351	5,121	7,230	10,565	15,876
Mideast	Asia	93,284	160,071	154,443	164,277	178,495	250,349	320,520	428,167	792,658	1,534,125	3,133,688
Mideast	Europe	139,194	207,404	207,155	234,827	267,089	436,216	545,741	676,640	1,041,674	1,595,925	2,404,048
Mideast	Mideast	14,554	28,006	26,442	29,777	33,544	53,105	69,681	92,797	169,552	324,532	661,635
Mideast	North America	12,088	12,563	15,767	16,859	18,246	20,289	21,893	23,383	26,222	28,903	31,728
Mideast	South America	1,916	2,378	2,761	3,047	3,404	5,306	7,137	9,450	16,499	28,649	49,717
Mideast	Caribbean	35	463	511	555	605	723	783	872	1,146	1,563	2,161
North America	Africa	3,549	6,355	11,242	12,582	14,301	23,119	28,718	34,070	46,514	61,609	79,390
North America	Asia	731,870	1,006,615	1,263,264	1,374,222	1,498,495	2,153,611	2,622,783	3,087,495	4,219,425	5,658,918	7,396,918
North America	Europe	240,604	411,643	459,159	497,595	550,515	828,572	1,042,774	1,259,627	1,779,963	2,431,762	3,213,858
North America	Mideast	5,963	8,472	17,909	18,729	20,367	30,685	37,549	44,149	60,741	82,452	109,580
North America	North America	5,273	14,349	11,795	13,304	14,633	20,811	25,200	29,259	38,630	49,775	62,646
North America	South America	55,721	83,558	195,093	219,847	240,799	361,483	453,634	543,989	760,978	1,030,645	1,353,393
North America	Caribbean	1,390	5,611	17,222	20,027	22,994	32,299	37,807	42,621	54,245	68,549	85,333
South America	Africa	715	670	734	836	936	1,443	1,727	1,991	2,629	3,431	4,413
South America	Asia	46,731	70,754	84,004	91,315	98,740	136,423	162,979	194,207	289,995	468,420	820,960
South America	Europe	91,760	131,645	153,215	176,208	201,642	335,888	403,554	462,265	604,053	785,418	1,015,792
South America	Mideast	1,113	1,598	1,719	1,892	2,069	2,756	3,031	3,304	4,083	5,257	6,902
South America	North America	145,272	146,874	130,005	140,121	143,387	171,119	189,750	204,576	240,307	284,008	334,801
South America	South America	23,383	28,731	36,198	40,586	45,208	71,408	84,868	97,157	126,880	165,807	215,428
South America	Caribbean	952	1,648	1,995	2,247	2,548	4,108	4,906	5,544	6,956	8,629	10,616
Caribbean	Africa	38	208	189	209	231	326	345	358	387	418	454
Caribbean	Asia	10,300	17,578	17,293	18,405	19,688	27,980	39,782	57,523	127,236	279,754	574,559
Caribbean	Europe	21,652	27,856	25,186	28,097	31,341	45,949	49,514	52,486	59,028	66,564	74,899
Caribbean	Mideast	298	825	777	829	910	1,081	1,407	2,029	4,770	11,692	29,226
Caribbean	North America	20,856	29,070	29,421	30,467	31,781	37,007	37,403	37,985	40,573	44,645	49,587
Caribbean	South America	4,930	7,266	6,833	7,591	8,446	12,941	15,574	19,146	31,412	57,473	116,471
Caribbean	Caribbean	1,665	2,709	2,493	2,749	3,024	4,316	4,793	5,211	6,060	6,993	8,030
Total		**4,605,339**	**6,334,157**	**7,568,673**	**8,201,169**	**8,930,166**	**12,944,539**	**16,416,460**	**20,736,905**	**34,211,118**	**59,349,759**	**97,998,442**
Average Annual Growth Rate			**6.58%**	**6.12%**	**8.36%**	**8.89%**	**7.71%**	**4.87%**	**4.78%**	**5.13%**	**5.66%**	**5.14%**

Containerized WORLD Commodity Forecast For CHEMICALS
Sorted by DESTINATION, by Major Region, 1995-2050, Selected Years
(TEUs)

Destination	Origin	1995	2000	2003	2004	2005	2010	2015	2020	2030	2040	2050
Africa	Africa	16,570	32,977	34,751	36,465	38,124	48,918	67,177	101,203	236,142	560,775	1,367,402
Africa	Asia	27,197	52,115	55,851	58,248	61,127	87,959	128,870	197,542	459,553	1,069,798	2,540,155
Africa	Europe	116,387	144,081	151,664	161,522	171,797	244,630	305,834	375,379	542,181	773,469	1,128,432
Africa	Mideast	25,992	51,009	52,329	58,051	64,317	110,832	193,742	352,773	1,028,649	2,690,170	6,392,292
Africa	North America	6,903	9,787	8,658	8,504	8,589	9,805	11,113	12,674	16,859	23,576	35,781
Africa	South America	4,179	6,184	6,689	6,836	7,122	9,572	11,438	13,170	17,379	22,311	28,361
Africa	Caribbean	120	253	234	234	238	274	300	341	488	811	1,510
Asia	Africa	20,030	33,076	36,721	40,072	43,708	63,656	86,270	117,262	221,264	434,485	874,857
Asia	Asia	2,264,883	3,964,000	4,836,674	5,189,967	5,573,226	7,549,116	9,772,314	12,887,401	23,669,816	46,282,236	93,663,214
Asia	Europe	534,097	659,793	732,305	799,810	869,426	1,267,266	1,695,456	2,308,199	4,476,562	9,106,157	18,892,649
Asia	Mideast	147,049	226,789	247,922	260,966	270,804	327,384	415,770	539,152	1,026,961	2,057,464	3,833,745
Asia	North America	535,461	522,588	668,953	677,084	699,519	809,935	937,050	1,114,980	1,678,251	2,751,511	4,848,762
Asia	South America	20,972	24,532	26,015	27,741	29,751	41,678	54,795	72,674	135,843	271,993	562,883
Asia	Caribbean	328	677	681	737	803	1,203	1,683	2,443	5,289	11,678	25,641
Europe	Africa	10,127	20,894	24,905	26,122	27,140	34,762	40,238	45,009	55,576	68,733	85,081
Europe	Asia	225,663	430,406	559,812	574,918	576,431	694,213	787,788	880,863	1,148,260	1,620,822	2,504,337
Europe	Europe	727,765	1,026,525	1,183,191	1,220,674	1,260,602	1,486,017	1,640,734	1,775,831	2,112,178	2,589,903	3,255,102
Europe	Mideast	69,846	113,377	127,932	132,121	135,559	161,461	186,033	209,173	274,968	395,570	648,991
Europe	North America	191,592	236,898	248,114	245,431	242,385	277,360	310,101	341,668	424,154	545,631	728,702
Europe	South America	27,498	51,385	61,827	63,962	66,044	82,592	95,865	107,269	132,285	161,931	196,946
Europe	Caribbean	4,950	5,190	6,467	6,771	7,294	8,992	10,173	11,339	14,046	17,369	21,435
Mideast	Africa	3,339	5,379	5,697	6,210	6,767	10,185	14,848	23,475	57,408	138,208	324,552
Mideast	Asia	58,299	130,596	139,329	149,705	158,329	205,902	246,755	304,498	476,658	788,427	1,419,517
Mideast	Europe	179,133	275,041	314,766	344,345	372,933	529,883	622,626	746,202	1,068,673	1,521,361	2,149,362
Mideast	Mideast	44,847	97,860	103,232	109,964	116,403	158,784	212,516	306,224	679,805	1,511,760	2,887,807
Mideast	North America	15,282	18,445	26,145	26,686	27,568	30,296	32,995	36,365	44,313	54,397	67,208
Mideast	South America	3,078	5,431	5,949	6,317	6,621	8,661	10,067	12,079	16,991	23,817	33,223
Mideast	Caribbean	109	521	567	618	668	944	1,094	1,310	1,885	2,707	3,841
North America	Africa	1,025	3,326	4,035	4,182	4,491	5,897	7,345	8,675	12,053	16,795	23,405
North America	Asia	161,958	298,866	378,533	391,069	413,508	505,899	582,947	649,265	820,956	1,061,554	1,377,579
North America	Europe	186,486	255,863	308,339	313,203	329,247	427,335	475,042	507,419	615,202	776,559	980,124
North America	Mideast	10,427	16,892	26,320	26,106	26,883	29,033	30,521	32,092	37,425	45,686	56,512
North America	North America	13,533	17,608	28,277	29,438	30,731	36,808	41,912	45,858	55,094	66,639	80,877
North America	South America	27,981	45,355	58,962	60,975	64,610	76,763	88,308	96,332	115,722	140,998	173,770
North America	Caribbean	459	2,702	1,928	2,143	2,382	3,244	4,014	4,752	6,583	9,010	12,173
South America	Africa	1,827	1,626	2,120	2,283	2,419	3,119	3,502	3,852	4,607	5,459	6,445
South America	Asia	22,548	55,809	71,646	78,357	83,766	112,232	134,630	165,244	262,356	456,030	886,461
South America	Europe	75,219	99,145	120,860	133,143	144,238	203,233	232,713	262,604	331,375	415,863	521,172
South America	Mideast	2,640	7,173	9,569	9,922	10,468	13,322	14,905	16,462	20,442	26,949	39,764
South America	North America	158,280	207,323	214,809	228,029	233,361	272,706	313,183	361,328	514,636	785,070	1,192,058
South America	South America	78,385	131,692	155,549	168,179	178,535	232,158	271,563	316,344	431,102	588,639	792,081
South America	Caribbean	2,546	4,165	4,742	5,005	5,275	6,469	7,381	8,242	10,157	12,602	16,034
Caribbean	Africa	68	494	524	548	570	677	734	788	904	1,043	1,208
Caribbean	Asia	2,932	12,542	13,344	14,424	15,311	20,232	26,063	34,082	62,798	123,558	249,609
Caribbean	Europe	14,191	15,765	16,353	17,627	18,691	23,721	26,598	29,371	35,914	46,401	66,903
Caribbean	Mideast	224	731	752	802	845	1,080	1,351	1,671	2,632	4,190	6,519
Caribbean	North America	32,668	41,275	46,657	48,761	50,507	59,365	68,209	77,419	99,740	125,619	152,436
Caribbean	South America	10,182	19,040	19,312	20,926	22,475	31,505	41,927	55,220	100,032	186,143	347,374
Caribbean	Caribbean	5,493	10,966	10,936	11,570	12,169	15,424	19,238	24,387	41,217	69,607	113,067
Total		**6,090,766**	**9,394,168**	**11,160,945**	**11,806,772**	**12,493,779**	**16,342,502**	**20,285,730**	**25,597,903**	**43,603,385**	**80,461,484**	**155,617,361**
Average Annual Growth Rate			**9.05%**	**5.91%**	**5.79%**	**5.82%**	**5.52%**	**4.42%**	**4.76%**	**5.47%**	**6.32%**	**6.82%**

Containerized WORLD Commodity Forecast For CONSUMER GOODS
Sorted by DESTINATION, by Major Region, 1995-2050, Selected Years
(TEUs)

Destination	Origin	1995	2000	2003	2004	2005	2010	2015	2020	2030	2040	2050
Africa	Africa	16,519	19,225	20,246	21,491	22,571	27,382	29,507	32,499	40,957	54,721	77,159
Africa	Asia	29,466	54,456	57,611	59,265	63,039	92,140	130,746	198,323	463,249	1,085,116	2,584,755
Africa	Europe	43,163	65,324	67,536	72,627	78,978	116,918	141,866	169,433	242,160	353,271	540,842
Africa	Mideast	6,132	14,064	14,979	15,937	16,974	22,617	27,196	32,793	48,845	75,279	119,696
Africa	North America	1,631	2,115	2,155	2,101	2,192	2,725	3,071	3,422	4,340	5,772	8,000
Africa	South America	338	569	621	647	706	1,074	1,265	1,460	1,935	2,579	3,463
Africa	Caribbean	35	70	75	76	78	91	102	113	139	172	210
Asia	Africa	976	1,413	1,541	1,645	1,772	2,661	3,425	4,384	7,151	11,708	19,372
Asia	Asia	1,179,655	1,949,574	2,289,219	2,400,117	2,472,096	3,298,071	3,848,004	4,624,483	6,908,208	10,608,927	16,798,771
Asia	Europe	122,574	172,769	197,912	210,398	225,045	328,669	417,950	532,769	895,906	1,548,324	2,723,815
Asia	Mideast	3,648	7,185	7,944	8,667	9,558	14,569	18,724	23,967	38,992	63,274	101,903
Asia	North America	106,821	90,230	97,056	104,079	110,004	136,443	171,612	221,525	395,439	749,303	1,460,970
Asia	South America	2,834	3,630	4,267	4,584	4,838	6,728	8,435	10,691	17,450	29,066	49,689
Asia	Caribbean	193	255	261	262	272	350	401	439	566	807	1,213
Europe	Africa	67,588	109,135	138,125	138,211	136,093	120,882	119,383	119,231	132,061	156,708	190,223
Europe	Asia	794,709	1,456,707	1,817,810	1,841,760	1,871,330	2,122,569	2,286,914	2,535,766	3,300,114	4,636,792	7,131,197
Europe	Europe	268,103	499,726	584,004	614,477	647,794	808,455	910,813	1,034,537	1,370,463	1,854,985	2,553,592
Europe	Mideast	41,645	77,844	96,071	104,965	114,772	150,568	172,530	194,897	250,478	324,274	418,733
Europe	North America	50,759	63,301	77,162	79,884	82,516	92,058	100,967	115,401	163,194	256,131	446,211
Europe	South America	19,851	33,784	44,834	47,706	50,820	69,329	72,763	82,859	108,798	141,614	182,340
Europe	Caribbean	1,385	2,947	3,429	3,510	3,630	4,342	4,826	5,330	6,512	7,911	9,537
Mideast	Africa	3,655	5,617	5,681	6,218	6,788	9,353	11,235	13,824	21,158	32,695	50,946
Mideast	Asia	127,595	176,479	183,198	190,908	201,820	266,508	331,028	435,084	804,242	1,556,723	3,157,158
Mideast	Europe	88,998	139,181	152,322	169,099	189,152	286,884	348,903	428,023	644,017	970,308	1,478,289
Mideast	Mideast	21,325	36,077	38,457	39,954	41,497	48,150	53,969	61,493	79,215	102,569	134,282
Mideast	North America	4,015	5,707	4,744	4,974	5,313	7,075	8,616	10,340	15,101	22,670	34,864
Mideast	South America	346	492	555	612	677	1,027	1,274	1,596	2,536	4,106	6,789
Mideast	Caribbean	48	207	222	234	246	315	371	443	689	1,245	2,553
North America	Africa	4,812	9,127	23,553	26,009	28,706	37,035	41,870	44,740	53,916	60,064	67,803
North America	Asia	1,169,125	2,268,080	3,198,039	3,338,935	3,630,545	5,195,385	6,089,052	7,082,171	9,535,119	12,644,968	16,433,646
North America	Europe	141,319	305,603	336,469	364,936	392,557	506,546	594,888	679,497	893,793	1,187,020	1,562,645
North America	Mideast	14,146	27,543	38,883	44,427	50,380	57,260	67,235	79,323	110,785	152,774	206,794
North America	North America	4,340	30,640	50,487	52,031	53,598	65,644	73,315	82,632	102,035	125,223	154,430
North America	South America	28,875	47,325	73,865	79,262	81,029	108,892	122,853	142,792	193,630	259,330	340,596
North America	Caribbean	42,812	125,322	157,539	162,006	169,678	201,501	232,121	264,044	342,133	432,996	534,942
South America	Africa	71	199	255	282	312	480	572	658	875	1,174	1,602
South America	Asia	79,561	100,839	121,323	130,749	141,420	200,894	233,575	270,947	381,911	570,541	904,595
South America	Europe	23,797	41,370	51,160	56,919	62,830	95,442	113,700	131,507	175,089	233,358	314,295
South America	Mideast	337	802	995	1,079	1,160	1,541	1,765	1,975	2,461	3,108	4,023
South America	North America	59,583	59,924	49,904	53,048	55,282	67,933	77,021	85,632	106,152	132,439	165,680
South America	South America	18,631	28,090	34,108	36,949	39,795	56,647	66,285	77,026	104,985	146,587	214,471
South America	Caribbean	4,497	9,538	11,156	11,786	12,471	16,201	17,786	18,920	21,364	24,940	31,030
Caribbean	Africa	155	282	303	337	374	555	610	678	902	1,328	2,104
Caribbean	Asia	11,736	17,935	18,301	19,943	21,669	32,523	48,412	72,342	162,065	358,377	784,083
Caribbean	Europe	16,470	15,602	15,732	17,451	19,170	27,510	29,846	32,201	38,069	46,589	59,905
Caribbean	Mideast	115	176	185	197	210	267	309	358	506	771	1,246
Caribbean	North America	30,478	80,234	53,011	55,223	57,289	65,093	69,574	74,047	83,374	93,868	105,048
Caribbean	South America	6,133	15,177	15,751	16,940	18,107	24,155	29,346	36,612	62,679	113,256	198,793
Caribbean	Caribbean	13,179	28,988	30,460	33,328	35,913	47,698	56,177	65,558	89,908	124,611	169,347
Total		**4,674,178**	**8,200,879**	**10,189,520**	**10,646,247**	**11,233,064**	**14,847,157**	**17,192,209**	**20,138,783**	**28,425,670**	**41,370,377**	**62,543,654**
Average Annual Growth Rate			**11.90%**	**7.51%**	**4.48%**	**5.51%**	**5.74%**	**2.98%**	**3.21%**	**3.51%**	**3.82%**	**4.22%**

Containerized WORLD Commodity Forecast For EXTRACTIVE COMMODITIES
Sorted by DESTINATION, by Major Region, 1995-2050, Selected Years
(TEUs)

Destination	Origin	1995	2000	2003	2004	2005	2010	2015	2020	2030	2040	2050
Africa	Africa	1,674	2,638	2,468	2,399	2,331	2,039	1,803	1,686	1,601	1,618	1,692
Africa	Asia	1,133	1,508	1,597	1,640	1,687	1,862	1,974	2,124	2,454	2,864	3,454
Africa	Europe	11,903	16,211	15,536	16,074	16,604	19,143	21,794	25,103	35,207	56,081	104,832
Africa	Mideast	820	1,530	1,576	1,645	1,679	1,830	1,909	1,999	2,165	2,312	2,448
Africa	North America	15,872	3,399	3,968	4,015	4,033	4,370	4,587	4,658	4,743	4,797	4,849
Africa	South America	501	886	812	831	880	1,009	1,132	1,259	1,489	1,708	1,933
Africa	Caribbean	0	3	3	3	3	3	4	4	4	5	5
Asia	Africa	5,343	6,319	6,274	6,954	7,595	9,713	10,860	12,468	17,133	24,757	37,420
Asia	Asia	410,698	592,908	658,647	684,937	713,827	793,606	808,990	880,096	1,161,906	1,781,871	3,143,208
Asia	Europe	39,288	77,021	75,414	82,520	84,787	98,204	108,035	121,277	155,308	195,481	242,678
Asia	Mideast	34,546	50,234	52,152	57,296	59,623	70,282	76,190	87,402	117,621	161,700	228,899
Asia	North America	147,996	167,782	187,887	198,213	201,300	213,124	219,342	229,700	258,829	298,481	356,842
Asia	South America	27,486	36,456	38,650	43,429	47,778	56,555	63,819	73,985	105,354	161,516	261,657
Asia	Caribbean	91	89	103	107	109	120	128	142	178	234	326
Europe	Africa	8,841	11,115	11,570	11,695	11,950	12,448	12,191	12,230	12,580	13,227	14,132
Europe	Asia	14,068	21,074	25,506	24,750	24,835	26,963	26,107	25,919	26,492	27,713	29,274
Europe	Europe	249,455	255,665	256,069	262,402	263,578	265,004	253,185	249,736	261,100	308,657	395,329
Europe	Mideast	20,243	35,883	38,496	38,921	40,221	42,802	42,643	43,486	45,641	48,420	51,554
Europe	North America	59,266	60,482	73,615	74,297	77,153	79,545	76,592	75,169	73,576	73,244	73,815
Europe	South America	22,579	31,716	35,365	33,881	34,231	37,970	37,692	38,071	39,421	41,423	43,867
Europe	Caribbean	588	1,291	1,432	1,461	1,465	1,506	1,455	1,441	1,446	1,464	1,488
Mideast	Africa	257	369	349	364	386	468	474	501	586	706	858
Mideast	Asia	2,997	5,552	5,743	5,864	5,906	6,391	6,233	6,441	7,492	9,763	14,559
Mideast	Europe	41,470	35,109	36,632	35,940	37,330	36,432	38,349	41,928	51,930	65,107	82,328
Mideast	Mideast	7,131	9,661	10,197	10,545	10,896	11,785	11,701	12,163	13,502	15,308	17,501
Mideast	North America	2,135	810	3,686	3,517	3,603	3,536	3,592	3,750	4,140	4,622	5,245
Mideast	South America	1,503	2,973	3,101	3,047	3,067	3,295	3,293	3,436	3,938	4,676	5,611
Mideast	Caribbean	1	4	5	5	5	5	5	5	6	7	8
North America	Africa	1,356	1,673	2,365	2,475	2,666	3,322	3,422	3,442	3,536	3,685	3,872
North America	Asia	6,468	25,067	17,621	16,696	16,297	15,757	14,340	13,007	11,000	9,621	8,778
North America	Europe	17,626	24,292	56,066	51,073	49,616	70,464	67,679	64,515	63,686	66,473	71,841
North America	Mideast	1,058	4,410	1,201	1,341	1,474	1,561	1,662	1,719	1,872	2,064	2,289
North America	North America	3,175	3,399	4,591	4,701	4,741	5,095	5,233	5,378	5,793	6,285	6,839
North America	South America	7,376	13,159	11,095	11,398	11,676	12,895	13,483	13,987	15,235	16,788	18,679
North America	Caribbean	360	408	448	456	469	519	539	560	619	683	753
South America	Africa	110	145	177	192	202	245	251	261	291	327	365
South America	Asia	553	1,147	1,301	1,361	1,399	1,553	1,583	1,627	1,737	1,862	1,996
South America	Europe	4,325	3,758	4,429	4,597	4,608	4,705	4,738	4,888	5,216	5,560	5,927
South America	Mideast	1,467	1,715	2,186	2,345	2,390	2,318	2,236	2,217	2,207	2,211	2,224
South America	North America	22,292	19,189	22,517	24,079	24,561	26,768	27,587	28,486	31,143	34,210	37,440
South America	South America	3,932	6,559	7,547	8,087	8,440	9,792	10,292	11,046	12,981	15,810	20,413
South America	Caribbean	5,489	6,152	6,841	6,778	6,855	6,745	6,338	6,043	5,531	5,073	4,658
Caribbean	Africa	2	17	18	19	19	22	25	27	28	29	29
Caribbean	Asia	27	66	76	80	83	98	113	131	184	298	551
Caribbean	Europe	695	3,641	3,605	3,827	3,977	4,559	5,052	5,476	5,880	6,029	6,086
Caribbean	Mideast	1	23	24	25	26	30	34	36	40	42	43
Caribbean	North America	4,723	1,040	5,228	5,369	5,442	5,535	5,614	5,681	5,808	5,971	6,178
Caribbean	South America	1,564	2,637	2,455	2,520	2,592	3,065	4,020	5,569	12,595	29,816	71,602
Caribbean	Caribbean	576	734	677	739	779	1,004	1,378	1,927	3,857	7,694	15,054
Total		**1,211,059**	**1,547,914**	**1,697,317**	**1,754,912**	**1,805,173**	**1,976,064**	**2,009,697**	**2,132,202**	**2,595,082**	**3,528,292**	**5,411,431**
Average Annual Growth Rate			**5.03%**	**3.12%**	**3.39%**	**2.86%**	**1.83%**	**0.34%**	**1.19%**	**1.98%**	**3.12%**	**4.37%**

Containerized WORLD Commodity Forecast For FOOD
Sorted by DESTINATION, by Major Region, 1995-2050, Selected Years
(TEUs)

Destination	Origin	1995	2000	2003	2004	2005	2010	2015	2020	2030	2040	2050
Africa	Africa	81,167	94,843	102,685	103,628	103,187	99,666	101,497	117,405	199,870	411,190	942,935
Africa	Asia	58,404	96,246	107,794	105,891	104,084	101,968	101,825	108,137	138,958	210,140	374,102
Africa	Europe	354,040	334,043	362,534	379,001	385,210	400,694	409,278	427,070	472,226	532,706	628,630
Africa	Mideast	28,165	24,575	27,453	25,513	23,816	18,515	16,722	16,776	20,224	29,552	51,086
Africa	North America	8,201	10,096	14,793	15,058	14,936	15,303	14,997	15,215	15,876	16,741	17,812
Africa	South America	16,310	24,384	25,953	27,620	27,785	30,920	32,909	36,041	47,063	69,681	120,107
Africa	Caribbean	1,450	2,590	2,716	2,723	2,692	2,613	2,744	3,262	6,108	13,587	29,875
Asia	Africa	38,590	51,936	57,913	59,410	62,305	73,231	76,886	82,041	95,388	111,226	128,816
Asia	Asia	1,448,020	2,116,979	2,186,234	2,258,778	2,335,984	2,780,811	3,121,164	3,563,482	4,829,713	6,949,968	10,416,675
Asia	Europe	523,061	693,028	782,525	794,413	820,791	998,805	1,073,286	1,156,618	1,380,670	1,647,627	1,916,988
Asia	Mideast	27,831	65,729	72,232	73,560	75,855	82,359	87,538	95,495	116,985	153,058	189,614
Asia	North America	787,539	890,164	929,344	968,888	1,006,508	1,190,822	1,275,980	1,384,099	1,617,860	1,895,052	2,147,736
Asia	South America	148,475	179,502	203,203	215,361	226,294	292,843	338,714	402,887	604,595	985,481	1,764,335
Asia	Caribbean	6,525	10,046	11,819	11,979	12,610	15,490	16,458	17,444	20,005	23,201	26,789
Europe	Africa	103,448	132,059	154,093	154,580	159,088	182,359	188,239	193,857	206,646	221,302	236,885
Europe	Asia	774,573	1,056,766	1,272,755	1,334,010	1,351,038	1,348,245	1,358,232	1,419,276	1,588,611	1,864,619	2,309,676
Europe	Europe	993,023	1,097,797	1,272,248	1,309,217	1,343,931	1,461,049	1,506,147	1,578,471	1,777,859	2,113,611	2,769,837
Europe	Mideast	115,176	121,357	132,801	134,100	139,407	137,494	136,558	137,704	144,914	161,127	189,097
Europe	North America	218,961	238,746	282,530	293,443	301,202	321,601	327,819	340,927	374,677	414,213	457,560
Europe	South America	201,557	247,894	321,650	333,763	348,877	421,673	445,679	479,893	578,808	760,658	1,143,566
Europe	Caribbean	22,479	42,807	54,888	55,381	56,212	59,592	60,336	62,837	69,282	78,644	94,317
Mideast	Africa	9,457	18,254	19,746	20,717	21,669	26,449	29,828	34,145	44,662	57,380	72,188
Mideast	Asia	167,731	201,954	216,677	223,380	232,470	265,046	292,579	329,150	419,248	536,756	689,540
Mideast	Europe	242,660	298,441	332,479	356,307	378,369	489,811	563,120	656,497	884,673	1,169,770	1,524,669
Mideast	Mideast	76,994	114,838	124,744	130,802	137,958	162,523	182,259	209,733	280,402	377,849	522,766
Mideast	North America	10,716	23,731	30,071	31,257	32,097	47,605	54,055	61,902	79,805	99,825	120,816
Mideast	South America	43,024	86,500	88,484	92,768	97,904	122,041	134,604	150,613	188,084	232,965	284,303
Mideast	Caribbean	4,380	6,810	7,213	7,079	7,077	6,502	6,008	5,820	5,994	7,208	9,507
North America	Africa	6,707	7,957	11,542	12,844	14,461	19,500	21,230	22,797	25,945	29,139	32,326
North America	Asia	232,742	350,247	474,378	463,431	494,115	607,772	645,775	685,860	769,249	857,718	950,890
North America	Europe	298,140	516,555	601,606	642,063	708,815	822,655	873,229	922,470	1,024,601	1,122,455	1,212,694
North America	Mideast	16,228	14,544	18,802	20,834	23,505	29,755	32,555	35,222	40,854	46,739	52,702
North America	North America	10,847	21,282	249,384	264,464	285,063	383,250	431,326	477,811	577,314	683,629	792,908
North America	South America	95,571	130,360	180,559	189,006	196,507	240,915	254,587	270,231	303,175	335,875	369,464
North America	Caribbean	13,111	17,088	20,546	20,553	21,654	22,598	22,242	22,151	21,931	21,514	21,483
South America	Africa	21,259	1,986	2,411	2,464	2,547	3,074	3,339	3,585	4,262	5,057	5,876
South America	Asia	20,514	20,757	24,763	25,994	26,796	30,886	33,555	36,182	41,720	47,780	54,304
South America	Europe	154,188	118,504	141,925	151,388	161,713	215,044	239,631	262,770	311,272	361,996	414,070
South America	Mideast	3,396	2,871	3,672	3,872	4,079	5,109	5,686	6,287	7,703	9,608	12,627
South America	North America	73,446	75,344	75,697	79,702	84,941	117,774	131,960	146,487	178,108	212,591	248,958
South America	South America	122,249	205,435	249,026	261,412	277,627	370,830	417,474	467,835	590,336	752,341	968,153
South America	Caribbean	15,686	22,296	25,362	26,945	27,322	30,362	32,424	34,599	39,380	44,747	51,004
Caribbean	Africa	1,097	1,442	1,585	1,661	1,685	1,779	1,855	2,020	2,680	4,074	7,150
Caribbean	Asia	13,139	11,439	12,692	12,440	12,113	10,472	9,781	10,065	12,857	20,262	35,853
Caribbean	Europe	96,598	86,383	93,315	98,068	101,567	112,693	113,978	116,145	119,104	121,569	124,200
Caribbean	Mideast	462	1,143	1,275	1,268	1,248	1,162	1,196	1,369	2,235	4,330	9,232
Caribbean	North America	23,314	34,703	35,900	37,201	37,750	37,378	37,071	38,541	46,167	64,612	99,466
Caribbean	South America	34,126	61,010	62,327	65,596	68,143	82,336	100,434	127,416	228,465	439,115	838,921
Caribbean	Caribbean	27,370	60,310	59,711	61,829	63,872	76,182	95,572	127,741	256,168	515,461	919,918
Total		**7,792,146**	**10,043,773**	**11,544,055**	**11,961,660**	**12,424,879**	**14,377,553**	**15,460,357**	**16,904,381**	**20,812,730**	**26,845,750**	**36,402,428**
Average Annual Growth Rate			**5.21%**	**4.75%**	**3.62%**	**3.87%**	**2.96%**	**1.46%**	**1.80%**	**2.10%**	**2.58%**	**3.09%**

Containerized WORLD Commodity Forecast For FUELS
Sorted by DESTINATION, by Major Region, 1995-2050, Selected Years
(TEUs)

Destination	Origin	1995	2000	2003	2004	2005	2010	2015	2020	2030	2040	2050
Africa	Africa	11	10	9	9	9	9	9	9	10	11	12
Africa	Asia	8	14	14	15	15	18	20	23	28	35	43
Africa	Europe	3,736	5,075	5,149	5,331	5,517	6,717	8,037	9,471	12,633	16,465	21,200
Africa	Mideast	9	67	70	71	72	79	86	93	105	117	131
Africa	North America	83	167	240	238	244	220	203	202	202	200	195
Africa	South America	3	1	1	1	1	1	1	2	2	2	2
Africa	Caribbean	0	0	0	0	0	0	0	0	0	0	0
Asia	Africa	1	2	1	1	2	2	2	3	4	7	12
Asia	Asia	49,297	75,661	83,558	88,170	94,035	125,737	162,422	213,079	387,270	739,660	1,442,345
Asia	Europe	5,734	6,499	7,082	7,736	8,483	12,633	17,928	25,540	53,629	115,376	245,399
Asia	Mideast	4	142	147	156	164	184	206	234	299	372	439
Asia	North America	17,649	20,111	36,604	35,969	35,566	31,153	27,607	25,108	22,362	22,770	27,214
Asia	South America	7	158	181	189	195	225	265	324	550	988	1,932
Asia	Caribbean	2	1	2	2	2	3	4	5	9	17	28
Europe	Africa	0	0	0	0	0	0	1	1	1	1	1
Europe	Asia	2,394	477	500	537	566	734	883	1,033	1,400	1,891	2,540
Europe	Europe	76,428	82,492	90,846	88,667	90,653	99,736	106,995	114,485	132,732	154,915	181,476
Europe	Mideast	1,041	550	644	645	681	798	880	958	1,129	1,325	1,552
Europe	North America	3,985	5,257	7,092	7,424	7,317	6,095	5,330	4,826	4,080	3,545	3,234
Europe	South America	208	363	356	352	366	399	418	430	459	498	553
Europe	Caribbean	9	10	10	10	10	12	13	14	15	17	20
Mideast	Africa	0	0	0	0	0	0	0	0	0	0	1
Mideast	Asia	171	1,124	1,096	1,156	1,205	1,456	1,713	2,006	2,696	3,579	4,688
Mideast	Europe	9,927	17,021	18,571	19,206	19,771	23,593	27,047	30,997	40,690	53,160	68,812
Mideast	Mideast	185	696	815	813	813	826	842	870	939	1,019	1,098
Mideast	North America	373	630	587	567	578	544	523	529	540	543	533
Mideast	South America	17	70	79	79	80	83	86	91	102	116	130
Mideast	Caribbean	0	0	0	0	0	0	0	0	0	0	0
North America	Africa	0										
North America	Asia	944	1,531	3,718	4,280	4,542	5,504	6,425	7,300	9,292	11,805	15,225
North America	Europe	8,883	2,678	2,893	3,197	3,255	3,631	4,005	4,385	5,356	6,614	8,181
North America	Mideast	0	8	7	8	9	12	15	19	27	39	54
North America	North America	124	364	383	423	433	508	572	646	803	982	1,186
North America	South America	77	221	350	387	406	481	550	609	741	903	1,111
North America	Caribbean	1	2	2	2	2	2	3	3	4	4	5
South America	Africa	0	0	0	0	0	0	0	0	0	1	1
South America	Asia	179	404	426	451	467	571	672	808	1,001	1,252	1,552
South America	Europe	2,903	1,837	2,188	2,361	2,458	3,024	3,493	3,901	4,775	5,809	7,070
South America	Mideast	1	1	1	1	1	1	1	1	2	2	2
South America	North America	7,115	10,198	16,153	16,222	16,151	15,907	15,917	16,420	17,176	17,709	18,026
South America	South America	1,312	2,827	3,242	3,521	3,679	4,656	5,448	6,208	7,923	9,989	12,453
South America	Caribbean	222	85	95	101	104	120	132	140	153	169	187
Caribbean	Africa	0	0	0	0	0	0	0	0	0	0	0
Caribbean	Asia	30	72	66	68	70	80	88	95	104	112	120
Caribbean	Europe	2,621	4,465	4,480	4,571	4,674	5,330	5,793	6,154	6,613	6,924	7,187
Caribbean	Mideast	14	3	3	3	3	3	3	3	3	2	2
Caribbean	North America	4,714	6,510	19,054	19,168	19,201	19,559	19,803	19,930	19,972	19,880	19,677
Caribbean	South America	1,191	1,892	1,837	1,822	1,825	1,879	1,905	1,929	1,950	1,959	1,962
Caribbean	Caribbean	47	112	110	112	114	122	129	135	145	153	162
Total		**201,665**	**249,808**	**308,664**	**314,043**	**323,737**	**372,647**	**426,478**	**499,017**	**737,926**	**1,200,940**	**2,097,754**
Average Annual Growth Rate			**4.37%**	**7.31%**	**1.74%**	**3.09%**	**2.85%**	**2.74%**	**3.19%**	**3.99%**	**4.99%**	**5.74%**

Containerized WORLD Commodity Forecast For HI-TECH PRODUCTS
Sorted by DESTINATION, by Major Region, 1995-2050, Selected Years
(TEUs)

Destination	Origin	1995	2000	2003	2004	2005	2010	2015	2020	2030	2040	2050
Africa	Africa	1,277	2,349	2,025	2,248	2,500	3,770	4,077	4,482	5,531	7,346	10,396
Africa	Asia	10,762	17,888	16,406	17,098	18,360	27,762	38,944	54,066	102,903	197,306	384,944
Africa	Europe	17,510	24,898	22,442	25,449	29,020	50,271	67,727	88,253	148,250	256,802	469,852
Africa	Mideast	818	2,055	1,906	2,061	2,260	3,607	5,216	7,076	11,930	20,047	34,017
Africa	North America	709	1,123	1,074	1,120	1,166	1,539	1,918	2,337	3,550	5,734	10,328
Africa	South America	27	244	226	261	301	538	728	928	1,430	2,108	3,001
Africa	Caribbean	11	29	31	32	35	54	64	75	99	131	168
Asia	Africa	58	308	261	294	333	570	851	1,279	2,890	6,581	14,761
Asia	Asia	591,119	979,325	919,970	1,032,661	1,143,883	1,845,117	2,588,212	3,669,980	7,531,774	15,715,423	31,821,115
Asia	Europe	40,838	55,498	58,800	66,182	74,668	122,256	172,457	255,967	558,043	1,215,817	2,660,222
Asia	Mideast	931	2,266	2,131	2,386	2,630	4,222	6,055	8,596	16,922	33,107	65,097
Asia	North America	52,708	54,448	61,796	66,612	71,560	98,755	132,467	181,754	357,338	727,354	1,498,687
Asia	South America	265	1,566	1,625	1,863	2,135	3,749	5,693	9,286	23,050	54,793	127,985
Asia	Caribbean	77	59	61	69	78	130	185	265	530	1,049	2,050
Europe	Africa	1,466	3,454	4,153	4,494	4,946	7,661	9,642	11,672	16,523	22,741	30,700
Europe	Asia	319,433	581,717	621,813	667,510	703,931	1,001,714	1,295,381	1,620,928	2,439,242	3,565,246	5,127,217
Europe	Europe	88,254	197,780	226,203	245,763	274,662	441,754	600,941	787,155	1,298,963	2,086,970	3,289,385
Europe	Mideast	5,173	23,982	31,164	33,258	36,344	58,677	80,486	104,938	167,220	254,805	377,994
Europe	North America	29,804	42,738	44,563	45,758	48,064	60,759	70,549	81,983	112,011	155,038	217,825
Europe	South America	1,179	2,740	3,051	3,365	3,791	6,479	9,204	12,479	20,926	32,954	49,597
Europe	Caribbean	350	253	278	298	326	503	623	752	1,075	1,524	2,152
Mideast	Africa	367	665	607	682	772	1,156	1,405	1,731	2,637	4,040	6,298
Mideast	Asia	39,722	51,436	46,504	49,928	54,531	80,825	109,606	148,610	270,012	489,143	894,285
Mideast	Europe	16,343	38,155	38,785	44,509	51,181	88,227	122,963	167,928	304,061	534,292	907,088
Mideast	Mideast	2,259	5,235	4,949	5,577	6,314	10,093	13,480	17,703	29,906	49,840	83,379
Mideast	North America	961	1,988	3,230	3,489	3,838	4,752	5,708	6,705	9,036	11,838	15,260
Mideast	South America	39	43	43	49	55	90	122	160	257	393	582
Mideast	Caribbean	13	13	13	14	16	28	42	67	161	381	908
North America	Africa	44	171	52	59	68	117	173	236	406	657	1,012
North America	Asia	438,296	726,059	782,915	835,223	907,165	1,410,219	1,869,345	2,366,939	3,586,508	5,144,430	7,046,912
North America	Europe	19,660	26,837	38,673	41,182	45,512	69,355	89,104	110,123	162,009	230,789	320,575
North America	Mideast	339	843	731	807	894	1,366	1,735	2,116	3,033	4,210	5,710
North America	North America	299	1,622	3,065	3,493	3,908	6,044	8,249	10,803	17,830	28,292	43,368
North America	South America	2,510	9,114	22,735	26,230	30,026	50,803	77,703	110,730	205,006	350,418	563,378
North America	Caribbean	181	203	1,263	1,382	1,571	2,293	2,816	3,357	4,675	6,391	8,612
South America	Africa	9	19	15	17	19	32	40	49	72	106	158
South America	Asia	42,142	52,367	53,052	58,774	65,011	102,020	133,350	167,352	261,933	416,237	692,185
South America	Europe	6,942	11,448	12,650	14,446	16,529	27,793	34,356	40,735	56,083	76,060	102,123
South America	Mideast	178	360	316	355	387	584	734	878	1,218	1,640	2,171
South America	North America	32,959	39,235	29,579	32,265	34,388	48,417	63,387	81,267	137,943	246,660	475,531
South America	South America	2,463	7,101	8,370	9,336	10,455	16,332	19,801	23,239	31,503	42,486	57,521
South America	Caribbean	403	655	773	831	895	1,231	1,473	1,722	2,308	3,047	3,960
Caribbean	Africa	2	4	4	4	5	8	9	10	11	13	15
Caribbean	Asia	4,282	3,278	2,956	3,160	3,411	5,094	6,920	9,559	18,993	38,658	77,398
Caribbean	Europe	3,350	3,166	2,823	3,175	3,564	5,745	6,992	8,584	13,911	24,572	42,742
Caribbean	Mideast	29	99	94	101	115	172	204	227	291	362	437
Caribbean	North America	2,784	4,413	6,245	6,642	7,084	10,052	14,538	22,690	55,631	134,987	310,462
Caribbean	South America	897	2,004	1,898	2,056	2,238	3,233	3,725	4,262	5,564	7,370	10,141
Caribbean	Caribbean	967	1,032	1,054	1,055	1,060	1,122	1,206	1,373	2,044	3,441	6,365
Total		**1,781,207**	**2,982,284**	**3,083,373**	**3,363,622**	**3,672,004**	**5,687,094**	**7,680,607**	**10,213,406**	**18,003,243**	**32,213,625**	**57,876,072**
Average Annual Growth Rate			**10.86%**	**1.12%**	**9.09%**	**9.17%**	**9.14%**	**6.19%**	**5.87%**	**5.83%**	**5.99%**	**6.03%**

Containerized WORLD Commodity Forecast For INTERMEDIATE MANUFACTURED PRODUCTS
Sorted by DESTINATION, by Major Region, 1995-2050, Selected Years
(TEUs)

Destination	Origin	1995	2000	2003	2004	2005	2010	2015	2020	2030	2040	2050
Africa	Africa	51,651	61,679	63,313	66,712	70,067	89,265	107,744	136,990	235,362	442,088	899,315
Africa	Asia	60,504	153,770	165,833	176,454	188,591	282,814	397,697	578,394	1,260,712	2,770,304	6,015,742
Africa	Europe	144,724	159,793	171,828	189,036	207,307	321,271	419,615	531,403	810,136	1,207,214	1,786,590
Africa	Mideast	18,901	55,120	56,262	61,353	66,151	96,122	126,774	164,201	266,229	434,716	717,450
Africa	North America	3,396	3,781	4,480	4,350	4,247	5,104	5,868	6,554	7,989	9,540	11,227
Africa	South America	3,118	5,026	5,672	6,030	6,478	9,627	12,782	16,832	29,273	52,753	100,918
Africa	Caribbean	70	479	532	554	583	790	1,033	1,397	2,657	5,341	11,515
Asia	Africa	38,730	63,540	69,858	74,500	79,505	98,764	126,571	167,232	294,688	519,029	912,622
Asia	Asia	2,911,957	4,089,753	4,898,283	5,272,746	5,726,141	7,817,377	10,129,981	13,387,698	24,507,627	47,085,572	92,622,636
Asia	Europe	431,484	446,168	523,839	561,120	606,911	897,026	1,239,144	1,778,019	3,770,366	8,220,488	17,799,804
Asia	Mideast	106,211	121,614	136,471	143,151	148,502	184,831	236,740	318,299	593,412	1,134,833	2,170,191
Asia	North America	317,317	251,747	314,732	329,486	342,869	420,609	518,940	621,854	938,173	1,519,201	2,599,357
Asia	South America	74,919	73,335	79,081	81,943	83,261	99,761	122,731	159,546	300,430	627,181	1,341,575
Asia	Caribbean	254	274	296	317	343	476	629	854	1,614	3,114	6,104
Europe	Africa	28,806	58,564	79,030	85,197	89,883	110,479	130,712	150,080	194,978	252,090	327,617
Europe	Asia	501,894	1,051,628	1,435,664	1,476,802	1,522,246	1,901,933	2,221,166	2,541,585	3,363,429	4,594,175	6,636,365
Europe	Europe	667,474	1,006,584	1,230,780	1,280,739	1,349,577	1,701,706	2,036,273	2,363,933	3,137,666	4,181,065	5,646,763
Europe	Mideast	72,317	201,631	260,630	280,951	299,496	377,409	458,804	544,725	756,989	1,065,149	1,577,095
Europe	North America	128,210	139,521	196,224	202,620	211,974	250,391	294,332	334,675	429,559	563,738	779,948
Europe	South America	45,321	77,996	102,408	107,633	111,580	124,454	141,543	155,197	179,881	202,163	228,979
Europe	Caribbean	3,058	1,612	2,077	2,151	2,227	2,561	2,919	3,247	4,033	5,088	6,556
Mideast	Africa	11,371	12,425	12,869	14,122	15,309	20,522	25,158	31,908	52,425	89,962	161,548
Mideast	Asia	201,258	359,198	376,129	402,515	431,023	587,261	731,866	957,014	1,717,551	3,234,725	6,143,023
Mideast	Europe	252,851	303,532	346,289	379,743	415,042	602,746	732,383	897,205	1,337,671	1,987,937	2,935,357
Mideast	Mideast	106,563	142,334	146,278	157,215	167,962	218,458	260,731	322,231	498,299	792,605	1,309,231
Mideast	North America	12,544	8,878	9,186	9,441	9,463	11,696	13,654	15,484	19,740	25,077	31,994
Mideast	South America	2,732	4,165	5,162	5,572	6,072	8,652	11,068	14,703	26,792	50,955	102,116
Mideast	Caribbean	89	225	264	279	298	381	444	542	857	1,439	2,541
North America	Africa	5,894	10,644	11,077	12,202	13,187	15,277	17,575	19,777	25,210	31,772	39,872
North America	Asia	607,675	1,221,115	1,579,920	1,661,592	1,804,609	2,486,980	3,141,395	3,781,586	5,391,208	7,568,571	10,465,321
North America	Europe	273,189	449,868	455,093	492,467	547,159	738,669	914,609	1,089,584	1,518,438	2,083,848	2,824,997
North America	Mideast	16,387	41,906	55,524	62,025	68,981	94,275	117,661	142,006	201,869	280,890	382,326
North America	North America	6,209	12,037	23,169	25,010	27,438	36,128	46,918	56,749	80,230	111,805	153,874
North America	South America	76,225	137,448	401,003	441,688	491,715	643,303	726,590	805,353	999,513	1,260,754	1,610,826
North America	Caribbean	4,683	7,874	9,174	10,458	11,879	17,520	23,903	30,670	48,350	73,290	107,449
South America	Africa	1,512	1,809	2,234	2,497	2,704	3,740	4,421	5,076	6,519	8,252	10,387
South America	Asia	59,321	105,576	130,232	140,665	151,672	215,417	273,392	356,251	642,141	1,248,853	2,559,445
South America	Europe	60,439	93,649	120,984	134,749	148,742	225,758	267,261	308,979	406,027	529,037	688,399
South America	Mideast	1,174	3,598	4,147	4,526	4,895	6,918	8,364	9,837	13,253	17,580	23,241
South America	North America	109,203	88,093	79,797	85,350	88,840	109,581	127,668	144,367	180,597	222,390	271,625
South America	South America	92,470	110,319	140,377	151,395	163,057	228,313	276,819	336,698	510,465	822,507	1,445,556
South America	Caribbean	9,714	21,220	26,845	29,037	31,282	41,923	47,384	52,841	65,193	81,620	106,314
Caribbean	Africa	273	403	415	445	472	602	668	740	918	1,166	1,503
Caribbean	Asia	17,163	35,391	37,499	40,341	43,366	63,275	95,221	145,338	339,812	777,750	1,705,755
Caribbean	Europe	35,710	34,556	36,296	39,984	43,684	61,062	67,514	72,920	82,494	92,163	103,030
Caribbean	Mideast	1,284	3,261	3,378	3,622	3,837	4,560	4,857	5,061	5,375	5,652	5,993
Caribbean	North America	39,252	39,381	39,382	41,750	44,126	56,769	69,517	87,862	161,104	330,188	624,474
Caribbean	South America	31,359	53,016	57,682	62,039	66,397	93,472	128,374	188,895	428,897	997,352	2,278,992
Caribbean	Caribbean	27,183	42,175	45,645	48,454	50,977	68,306	94,659	142,379	335,094	798,311	1,852,529
Total		**7,674,045**	**11,367,708**	**13,953,342**	**14,863,029**	**15,972,123**	**21,454,334**	**26,962,074**	**33,984,767**	**56,181,245**	**98,421,294**	**180,146,089**
Average Annual Growth Rate			**8.18%**	**7.07%**	**6.52%**	**7.46%**	**6.08%**	**4.68%**	**4.74%**	**5.16%**	**5.77%**	**6.23%**

Containerized WORLD Commodity Forecast For MATERIALS
Sorted by DESTINATION, by Major Region, 1995-2050, Selected Years
(TEUs)

Destination	Origin	1995	2000	2003	2004	2005	2010	2015	2020	2030	2040	2050
Africa	Africa	20,756	27,126	28,501	28,532	28,553	29,548	32,765	39,692	68,856	139,170	307,957
Africa	Asia	71,678	102,812	105,811	107,940	111,491	150,866	208,593	313,609	734,374	1,717,872	4,002,541
Africa	Europe	134,261	185,806	197,402	203,226	207,767	245,862	277,699	307,298	373,113	460,536	576,925
Africa	Mideast	9,109	21,017	21,883	22,187	22,442	24,987	27,735	31,138	42,310	67,109	125,935
Africa	North America	10,891	9,736	10,769	11,005	11,230	14,602	21,454	35,451	93,910	237,715	597,675
Africa	South America	5,614	5,507	5,319	4,832	4,476	3,679	3,598	4,051	6,211	11,188	22,978
Africa	Caribbean	59	214	210	210	212	225	228	231	240	255	276
Asia	Africa	20,911	28,293	33,225	33,692	34,978	44,445	54,216	67,509	112,101	208,191	423,728
Asia	Asia	2,403,502	3,757,692	4,332,325	4,513,296	4,639,489	5,812,869	6,932,157	8,865,563	15,378,606	28,567,845	55,047,018
Asia	Europe	413,742	718,869	877,572	895,110	919,677	1,081,310	1,274,962	1,580,281	2,643,291	4,967,334	10,161,894
Asia	Mideast	10,757	23,314	24,731	25,334	26,013	32,538	40,446	53,369	100,140	204,631	443,537
Asia	North America	1,079,322	1,021,526	1,533,385	1,543,660	1,495,667	1,269,793	1,119,432	1,082,649	1,054,069	1,089,098	1,201,064
Asia	South America	58,944	67,688	94,773	94,277	94,992	102,449	107,867	123,160	170,731	265,376	472,600
Asia	Caribbean	1,811	2,455	3,212	3,098	3,066	3,847	4,260	4,844	6,427	8,766	12,422
Europe	Africa	48,620	67,599	85,876	90,215	92,468	88,374	90,423	95,127	105,837	118,721	135,944
Europe	Asia	485,303	767,729	956,767	949,854	950,332	1,079,367	1,193,125	1,367,916	2,028,191	3,426,461	6,580,307
Europe	Europe	575,359	804,404	983,110	980,173	967,737	954,123	950,464	967,378	1,043,615	1,195,140	1,463,354
Europe	Mideast	46,857	91,569	111,743	118,855	125,549	134,261	144,856	156,781	189,373	241,297	329,324
Europe	North America	309,835	309,488	335,180	351,134	357,631	294,176	272,476	281,815	313,705	363,221	441,757
Europe	South America	90,286	115,927	168,616	174,356	178,165	190,641	190,905	198,209	218,838	249,630	293,858
Europe	Caribbean	2,624	4,023	5,288	5,443	5,575	5,835	5,888	6,018	6,592	7,641	9,219
Mideast	Africa	6,275	8,143	8,879	9,084	9,335	10,268	11,374	13,050	17,918	25,963	40,119
Mideast	Asia	232,600	329,666	344,074	365,535	379,697	469,686	570,908	729,970	1,336,427	2,767,274	6,217,591
Mideast	Europe	189,390	258,172	301,690	317,106	333,009	408,667	467,778	540,518	724,752	981,427	1,354,431
Mideast	Mideast	40,011	61,673	64,637	67,509	69,784	76,632	85,138	95,221	122,523	166,287	234,351
Mideast	North America	33,360	40,301	33,597	33,655	33,541	33,746	33,986	35,253	38,492	42,795	48,539
Mideast	South America	13,234	10,656	11,865	12,038	12,286	12,627	13,104	14,087	16,802	20,683	25,944
Mideast	Caribbean	85	160	191	196	198	213	230	249	296	358	425
North America	Africa	1,912	2,807	4,956	4,828	4,928	5,776	6,529	7,133	8,469	10,047	11,907
North America	Asia	439,106	809,253	1,099,786	1,091,092	1,115,582	1,234,948	1,317,243	1,382,575	1,600,650	1,907,914	2,273,557
North America	Europe	148,548	270,737	395,881	383,231	382,272	410,792	423,363	438,765	489,460	561,739	654,284
North America	Mideast	7,978	24,886	33,436	36,202	38,283	44,735	47,415	50,947	60,542	73,579	90,389
North America	North America	16,295	21,847	51,862	49,656	49,025	44,305	41,497	40,967	40,181	40,510	42,361
North America	South America	62,606	108,325	507,264	483,957	480,569	466,269	442,880	452,309	468,959	486,297	515,370
North America	Caribbean	5,077	8,575	13,323	13,148	13,470	13,684	14,268	14,945	16,413	18,213	20,532
South America	Africa	4,045	3,534	4,587	4,770	4,883	5,717	6,313	6,837	7,787	9,184	12,222
South America	Asia	52,271	84,305	98,727	103,691	108,845	144,546	161,515	185,817	275,532	487,811	999,361
South America	Europe	51,430	74,196	100,613	105,875	110,735	137,364	156,054	173,761	212,142	260,419	322,317
South America	Mideast	1,190	1,077	1,341	1,442	1,515	2,110	2,304	2,446	2,762	3,848	7,088
South America	North America	147,431	156,965	162,397	163,254	162,331	164,862	167,101	171,438	185,938	206,654	233,965
South America	South America	55,076	86,840	108,600	112,166	116,048	136,971	158,007	187,282	282,232	466,808	824,083
South America	Caribbean	7,359	9,888	11,666	11,619	11,565	11,832	12,117	12,539	13,181	13,784	14,488
Caribbean	Africa	177	642	693	724	741	792	834	870	945	1,065	1,277
Caribbean	Asia	20,632	41,416	39,289	40,442	42,007	55,347	79,949	115,178	246,446	522,314	1,084,006
Caribbean	Europe	16,225	16,523	17,167	17,779	18,157	19,244	20,255	21,346	23,584	26,774	31,931
Caribbean	Mideast	172	372	388	394	396	393	404	413	448	550	823
Caribbean	North America	53,373	72,778	138,770	151,402	165,851	264,170	428,855	646,350	1,426,375	3,001,018	6,029,481
Caribbean	South America	14,685	30,517	28,475	29,643	30,767	36,475	45,423	57,816	101,500	187,326	345,699
Caribbean	Caribbean	9,328	16,128	15,313	15,750	16,146	18,598	22,252	28,057	50,766	93,711	157,051
Total		**7,430,111**	**10,683,177**	**13,515,167**	**13,782,618**	**13,989,475**	**15,794,567**	**17,690,644**	**21,008,231**	**32,462,052**	**55,931,552**	**104,243,903**
Average Annual Growth Rate			**7.53%**	**8.15%**	**1.98%**	**1.50%**	**2.46%**	**2.29%**	**3.50%**	**4.45%**	**5.59%**	**6.42%**

Containerized WORLD Commodity Forecast For ALL COMMODITIES
Sorted by DESTINATION, by Major Region, 1995-2050, Selected Years
(TEUs)

Destination	Origin	1995	2000	2003	2004	2005	2010	2015	2020	2030	2040	2050
Africa	Africa	211,943	273,353	285,859	294,968	302,619	345,690	395,141	493,191	874,579	1,758,140	3,868,028
Africa	Asia	309,636	567,351	599,350	618,449	645,061	881,369	1,201,306	1,736,061	3,817,707	8,584,533	19,467,464
Africa	Europe	968,021	1,155,312	1,202,109	1,281,211	1,355,806	1,806,769	2,161,796	2,552,641	3,538,557	4,976,825	7,221,579
Africa	Mideast	102,197	188,910	195,813	207,595	220,033	310,959	441,774	663,578	1,527,660	3,534,332	7,899,605
Africa	North America	59,120	51,533	63,431	63,677	64,493	75,085	87,580	107,793	183,324	353,583	754,045
Africa	South America	40,468	55,081	57,535	59,885	61,227	74,093	85,718	101,230	151,165	248,493	458,401
Africa	Caribbean	2,367	4,471	4,647	4,753	4,838	5,589	6,841	9,331	20,014	46,133	101,031
Asia	Africa	150,665	230,294	255,274	267,992	283,645	361,725	440,843	553,156	916,316	1,613,705	2,961,716
Asia	Asia	13,173,210	19,976,221	22,981,778	24,403,160	25,845,049	34,223,230	42,764,231	55,281,685	97,774,721	183,913,722	347,757,385
Asia	Europe	2,684,122	3,393,464	3,850,026	4,069,864	4,331,414	5,902,173	7,492,387	9,877,564	18,321,955	36,366,845	74,151,269
Asia	Mideast	362,109	572,516	624,404	656,964	684,431	837,379	1,026,021	1,298,471	2,257,470	4,169,143	7,573,623
Asia	North America	3,775,267	3,586,181	4,552,811	4,699,748	4,760,613	5,105,829	5,461,351	6,066,559	7,949,128	11,404,531	17,834,683
Asia	South America	420,123	480,304	552,834	576,441	596,633	727,037	837,434	1,007,559	1,577,759	2,739,600	5,170,057
Asia	Caribbean	17,309	23,633	26,888	27,147	27,422	32,574	34,621	37,734	47,880	65,974	98,811
Europe	Africa	409,041	581,103	707,010	725,859	743,229	817,467	875,853	931,963	1,076,249	1,264,689	1,508,433
Europe	Asia	3,584,347	6,273,458	7,830,453	8,039,602	8,213,759	9,710,127	10,941,238	12,427,261	16,626,620	23,505,254	35,647,458
Europe	Europe	4,287,373	5,988,423	7,005,258	7,250,437	7,533,863	8,988,787	10,094,705	11,295,620	14,310,935	18,659,025	25,094,197
Europe	Mideast	523,922	852,180	1,000,619	1,057,859	1,114,997	1,346,604	1,544,029	1,749,219	2,268,986	3,034,457	4,269,282
Europe	North America	1,331,149	1,492,684	1,736,931	1,793,581	1,833,805	1,994,851	2,148,798	2,339,190	2,830,105	3,535,675	4,591,569
Europe	South America	703,214	940,148	1,191,972	1,244,537	1,288,407	1,553,657	1,676,825	1,728,379	2,034,577	2,466,409	3,162,815
Europe	Caribbean	105,059	124,638	153,969	160,943	165,278	178,607	187,559	196,966	219,161	250,357	296,640
Mideast	Africa	82,105	111,403	119,845	126,351	132,777	162,545	186,950	225,359	332,255	520,576	872,043
Mideast	Asia	1,034,303	1,548,868	1,605,255	1,697,581	1,791,456	2,307,932	2,802,970	3,553,775	6,084,820	11,230,701	22,045,905
Mideast	Europe	1,211,442	1,669,081	1,850,615	2,008,076	2,174,982	3,035,648	3,616,417	4,347,245	6,295,095	9,118,254	13,189,503
Mideast	Mideast	457,431	684,572	726,392	771,966	819,124	1,048,917	1,240,887	1,516,926	2,376,204	3,966,421	6,622,357
Mideast	North America	101,196	133,104	158,883	163,400	167,511	202,562	223,713	247,790	303,724	371,162	452,095
Mideast	South America	90,193	148,856	157,412	166,726	177,164	223,234	256,598	302,386	437,203	651,283	961,737
Mideast	Caribbean	5,819	11,867	12,844	12,955	13,179	13,572	13,801	15,026	18,243	23,902	32,844
North America	Africa	27,712	49,513	77,010	83,168	90,877	118,308	135,195	148,827	184,022	221,764	267,696
North America	Asia	3,843,635	6,801,526	8,949,767	9,327,872	10,040,316	13,779,467	16,457,973	19,215,082	26,120,288	35,065,417	46,195,584
North America	Europe	1,366,085	2,341,880	2,754,276	2,886,693	3,105,584	3,990,913	4,599,473	5,184,189	6,661,566	8,581,549	10,970,931
North America	Mideast	76,168	144,809	199,982	218,342	239,432	298,904	347,689	395,980	526,727	699,363	918,809
North America	North America	78,191	140,365	431,074	450,829	478,091	607,365	683,572	760,057	929,950	1,127,815	1,356,231
North America	South America	438,219	716,039	1,671,683	1,734,654	1,826,293	2,212,172	2,442,993	2,707,052	3,359,515	4,207,263	5,302,882
North America	Caribbean	94,721	212,906	269,826	279,818	294,217	337,673	380,365	422,673	528,325	658,388	814,279
South America	Africa	29,912	10,512	13,177	13,982	14,668	18,542	20,868	23,087	27,903	33,935	42,495
South America	Asia	333,869	500,527	596,892	643,345	690,617	959,427	1,151,339	1,396,445	2,179,858	3,724,561	6,952,992
South America	Europe	487,886	598,637	737,394	810,605	886,152	1,288,488	1,498,946	1,699,121	2,160,207	2,734,363	3,458,230
South America	Mideast	13,167	21,954	27,173	28,734	30,371	38,611	43,164	47,723	58,771	75,172	103,510
South America	North America	785,929	839,523	819,583	861,599	884,301	1,043,790	1,166,433	1,297,618	1,658,007	2,216,176	3,061,292
South America	South America	445,188	664,436	810,291	861,977	917,740	1,222,941	1,418,486	1,642,654	2,242,279	3,182,414	4,756,856
South America	Caribbean	50,693	79,890	94,153	99,072	103,105	124,193	135,347	146,741	171,250	202,574	247,223
Caribbean	Africa	1,935	3,877	4,155	4,403	4,589	5,453	6,039	6,793	9,259	13,965	23,053
Caribbean	Asia	80,892	142,759	144,888	152,750	161,239	218,991	310,581	449,139	977,402	2,132,790	4,533,282
Caribbean	Europe	217,987	223,964	230,483	247,352	262,678	328,642	350,338	370,921	413,247	468,542	550,282
Caribbean	Mideast	2,684	6,841	7,105	7,494	7,856	9,049	10,066	11,471	16,609	27,909	53,846
Caribbean	North America	232,594	335,278	405,205	428,903	453,200	594,343	792,354	1,054,069	1,985,399	3,870,237	7,448,769
Caribbean	South America	115,422	209,086	213,135	226,736	239,628	313,229	400,103	532,466	1,029,215	2,116,342	4,386,198
Caribbean	Caribbean	94,207	197,477	200,980	213,537	225,420	293,467	377,496	505,281	986,410	2,005,663	3,983,664
Total		**45,020,247**	**65,360,809**	**78,168,449**	**82,033,595**	**86,309,191**	**110,077,980**	**130,976,208**	**158,681,047**	**246,398,624**	**411,739,926**	**719,492,679**
Average Annual Growth Rate			**7.74%**	**6.15%**	**4.94%**	**5.21%**	**4.99%**	**3.54%**	**3.91%**	**4.50%**	**5.27%**	**5.74%**

Appendix B

U.S. COMMODITY FORECAST 1995-2050

U.S. Commodity by Origin (Metric Tonnes)

US Commodity Forecast For AGRICULTURE COMMODITIES
Sorted by ORIGIN, by Major Region, 1995-2050, Selected Years
(METRIC TONNES)

Origin	Destination	1995	2000	2003	2004	2005	2010	2015	2020	2030	2040	2050
North Atlantic	Africa	20,279	20,199	13,808	13,467	12,879	12,779	12,132	11,595	10,502	9,538	8,684
North Atlantic	Asia	401,155	824,826	642,028	689,342	714,603	757,691	796,002	831,861	908,404	982,645	1,050,103
North Atlantic	Europe	575,158	737,498	555,934	612,610	638,667	617,400	648,390	675,380	725,068	785,394	863,012
North Atlantic	Mideast	24,808	18,438	40,962	44,285	47,028	67,679	75,351	83,060	99,857	118,553	138,864
North Atlantic	North America	1,021	166,788	51,488	56,067	59,245	71,291	79,209	87,276	102,838	288	300
North Atlantic	South America	131,701	38,958	70,421	72,381	74,809	86,230	93,689	103,284	119,282	135,407	152,115
North Atlantic	Caribbean	33,618	5,924	6,308	6,816	7,292	9,427	10,372	11,158	12,551	13,823	15,005
South Atlantic	Africa	6,164	14,131	5,043	4,953	4,753	4,747	4,557	4,355	4,000	3,689	3,414
South Atlantic	Asia	1,190,572	830,775	872,149	947,057	977,702	994,540	1,039,523	1,083,632	1,188,789	1,300,533	1,417,730
South Atlantic	Europe	310,776	256,359	250,111	276,071	267,931	214,215	197,160	189,124	183,893	191,662	209,094
South Atlantic	Mideast	5,008	17,944	130,431	133,987	133,713	169,010	190,764	210,637	255,855	307,906	364,221
South Atlantic	North America	1,522	176,110	1,072	1,005	1,003	1,072	1,077	1,091	1,135	1,189	1,248
South Atlantic	South America	82,388	94,697	85,000	86,490	89,301	100,982	108,238	114,158	124,228	133,972	144,166
South Atlantic	Caribbean	28,230	20,452	21,234	22,291	23,335	27,481	29,576	30,953	32,843	34,202	35,242
Gulf Coast	Africa	1,281,092	504,206	778,783	773,261	767,351	766,797	771,973	772,215	759,553	740,251	721,094
Gulf Coast	Asia	5,622,737	9,736,445	8,971,731	9,173,090	9,332,269	10,214,501	10,691,492	11,147,125	12,206,644	10,884,876	11,816,150
Gulf Coast	Europe	4,865,973	2,651,146	2,144,705	2,326,875	2,384,188	2,642,649	2,856,867	3,019,814	3,326,991	3,639,240	3,962,937
Gulf Coast	Mideast	642,430	894,253	853,662	947,704	1,016,891	1,540,611	1,778,488	2,001,529	2,484,958	3,019,318	3,596,947
Gulf Coast	North America	6,934	21,919	6,587	6,233	6,251	6,840	7,075	7,434	8,156	8,983	9,848
Gulf Coast	South America	5,020,467	5,166,408	6,239,478	6,367,578	6,524,030	7,305,584	7,955,834	8,386,822	9,107,940	9,712,728	10,264,951
Gulf Coast	Caribbean	1,159,924	2,091,800	2,472,123	2,578,002	2,674,085	2,908,490	3,071,212	3,195,072	3,396,931	3,559,712	3,688,566
South Pacific	Africa	304	862	1,521	1,454	1,429	2,046	2,229	2,420	2,751	3,082	3,421
South Pacific	Asia	2,599,173	1,898,103	2,140,293	2,307,691	2,364,172	2,798,233	3,080,001	3,350,139	4,041,231	5,029,419	6,317,608
South Pacific	Europe	258,234	218,281	194,150	193,109	180,293	207,480	220,345	231,092	253,878	279,403	306,717
South Pacific	Mideast	15,703	36,746	40,507	41,818	42,234	55,487	62,605	69,915	86,263	104,872	125,063
South Pacific	North America	21,096	2,348	4,620	4,786	4,970	5,967	6,165	6,351	6,906	7,652	8,538
South Pacific	South America	106,660	86,480	61,300	63,521	67,007	83,880	93,893	104,108	124,097	144,871	166,836
South Pacific	Caribbean	12,017	23,735	35,773	38,275	40,599	50,195	54,594	58,116	64,230	69,658	74,574
North Pacific	Africa	1,032	667	12,201	11,902	11,731	12,465	13,107	13,472	13,722	13,808	13,888
North Pacific	Asia	15,737,280	8,554,550	10,050,964	10,885,349	11,176,236	13,106,043	13,917,229	14,206,221	15,172,814	13,218,325	14,581,691
North Pacific	Europe	266,769	198,682	73,001	80,069	82,348	80,540	83,497	87,003	93,097	100,056	107,872
North Pacific	Mideast	82	897	2,681	2,729	2,895	3,689	4,236	4,803	5,905	7,071	8,303
North Pacific	North America	412,493	240,889	132,537	119,289	107,378	162,337	185,295	204,133	240,607	278,232	317,513
North Pacific	South America	429,027	102,143	136,394	139,822	143,962	162,719	177,524	190,277	213,376	235,348	257,389
North Pacific	Caribbean	185	10,768	15,168	16,030	16,825	19,600	21,049	22,213	24,230	25,992	27,544
Great Lakes	Africa	154,018	20,666	307	301	295	318	334	339	347	350	356
Great Lakes	Asia	21	20,149	177,757	181,636	182,241	186,695	187,839	185,493	182,230	180,480	180,043
Great Lakes	Europe	513,667	1,141,518	802,350	854,715	895,382	990,209	1,073,603	1,133,987	1,244,757	1,357,643	1,476,564
Great Lakes	Mideast	21,385	58,183	102	109	117	162	190	215	267	322	380
Great Lakes	North America	212,486	350,461	620,550	660,215	686,004	847,517	945,411	1,041,594	1,227,818	178,207	203,341
Great Lakes	South America	16,423	13	5	6	6	5	4	5	5	5	5
Great Lakes	Caribbean	0	0	0	0	0	0	0	0	0	0	0
Total		**42,190,014**	**37,255,416**	**38,715,236**	**40,742,391**	**41,763,451**	**47,295,608**	**50,548,127**	**52,879,469**	**58,058,949**	**56,818,705**	**62,641,336**
Average Annual Growth Rate			**-2.46%**	**1.29%**	**5.24%**	**2.51%**	**2.52%**	**1.34%**	**0.91%**	**0.94%**	**-0.22%**	**0.98%**

US Commodity Forecast For CAPITAL EQUIPMENT
Sorted by ORIGIN, by Major Region, 1995-2050, Selected Years
(METRIC TONNES)

Origin	Destination	1995	2000	2003	2004	2005	2010	2015	2020	2030	2040	2050
North Atlantic	Africa	48,721	35,546	50,360	51,060	53,632	62,232	66,946	70,095	75,953	81,173	86,474
North Atlantic	Asia	308,321	150,636	220,946	239,390	250,608	331,184	422,694	528,312	829,550	1,323,869	2,166,484
North Atlantic	Europe	592,145	459,440	504,147	523,356	544,441	675,553	770,312	856,215	1,066,149	1,360,235	1,756,021
North Atlantic	Mideast	70,105	49,936	39,291	40,728	42,925	51,539	57,171	61,733	70,395	78,215	85,808
North Atlantic	North America	893	5,272	8,645	9,792	9,695	10,128	9,443	9,218	9,014	8,806	8,662
North Atlantic	South America	246,504	151,551	116,759	127,525	128,971	152,965	169,179	180,258	205,062	232,902	263,466
North Atlantic	Caribbean	1,927	2,944	5,334	5,249	5,194	5,015	4,603	4,341	4,221	4,446	4,832
South Atlantic	Africa	19,344	13,233	29,775	31,663	34,357	37,514	37,275	37,595	38,805	40,532	43,009
South Atlantic	Asia	198,441	162,844	202,442	219,034	226,193	278,442	333,126	392,366	549,399	791,745	1,189,184
South Atlantic	Europe	210,016	330,074	412,936	416,403	425,246	518,340	586,309	643,228	776,251	952,446	1,168,365
South Atlantic	Mideast	26,657	23,362	15,840	16,317	17,109	20,755	23,453	25,578	29,535	33,061	36,470
South Atlantic	North America	4,384	9,129	12,182	13,562	14,124	16,465	17,658	18,479	20,224	21,779	23,167
South Atlantic	South America	452,380	372,815	284,752	304,107	311,163	364,303	404,880	434,939	505,773	591,236	688,808
South Atlantic	Caribbean	70,543	63,416	68,399	68,948	70,112	74,723	72,045	70,655	72,063	77,268	84,272
Gulf Coast	Africa	14,735	12,518	28,911	31,031	33,490	47,701	67,694	99,523	225,637	462,670	804,846
Gulf Coast	Asia	153,326	77,122	75,494	78,588	81,620	98,010	118,768	143,139	212,916	323,639	501,086
Gulf Coast	Europe	115,010	110,949	127,560	134,186	141,054	174,713	203,804	236,878	354,488	598,117	993,567
Gulf Coast	Mideast	6,422	4,369	8,126	8,550	9,214	11,045	12,601	13,944	16,850	19,937	23,180
Gulf Coast	North America	24,007	87,168	18,486	20,630	21,495	26,038	29,086	31,364	36,028	40,582	45,169
Gulf Coast	South America	341,585	280,557	220,064	232,247	234,236	266,234	291,198	310,868	357,940	413,057	472,951
Gulf Coast	Caribbean	28,103	19,823	34,193	35,492	37,092	42,891	44,293	45,435	49,541	56,498	65,197
South Pacific	Africa	322	705	1,091	1,093	1,109	1,339	1,520	1,643	1,867	2,058	2,236
South Pacific	Asia	998,630	748,883	690,620	744,366	781,478	983,112	1,222,955	1,507,775	2,330,863	3,740,100	6,362,081
South Pacific	Europe	37,218	31,683	35,618	36,961	38,564	46,302	52,054	57,725	72,523	94,872	126,016
South Pacific	Mideast	927	907	1,108	1,131	1,173	1,408	1,559	1,663	1,848	2,001	2,134
South Pacific	North America	528	4,082	850	950	1,015	1,299	1,537	1,695	1,979	2,218	2,427
South Pacific	South America	18,167	13,596	10,205	10,790	10,960	12,860	14,497	16,012	20,056	25,418	31,703
South Pacific	Caribbean	1,272	1,827	3,082	3,051	3,044	2,944	2,709	2,544	2,436	2,547	2,760
North Pacific	Africa	264	756	235	234	239	290	332	359	404	442	475
North Pacific	Asia	288,603	195,111	213,613	225,172	240,002	281,883	337,878	399,896	556,885	769,544	1,066,738
North Pacific	Europe	13,304	32,183	20,381	21,371	22,743	29,026	33,543	38,341	53,544	81,661	125,028
North Pacific	Mideast	103	108	85	89	94	118	140	159	196	232	270
North Pacific	North America	2,741	3,492	1,079	1,195	1,322	1,806	2,048	2,278	2,817	3,459	4,201
North Pacific	South America	5,922	4,270	2,267	2,494	2,420	2,716	2,989	3,190	3,625	4,047	4,400
North Pacific	Caribbean	145	67	29	32	36	55	65	73	89	107	128
Great Lakes	Africa	1,016	910	534	571	620	884	1,002	1,101	1,296	1,492	1,691
Great Lakes	Asia	4,127	6,270	5,820	6,183	6,426	8,124	10,214	12,738	19,914	31,738	52,477
Great Lakes	Europe	27,884	78,358	135,811	142,470	148,078	203,416	242,411	277,191	351,583	436,052	531,603
Great Lakes	Mideast	54	1,101	509	527	551	688	805	906	1,116	1,327	1,542
Great Lakes	North America	7,298	15,406	12,935	14,429	16,127	22,275	25,185	27,970	34,551	42,370	51,332
Great Lakes	South America	4,570	3,171	869	950	956	1,125	1,266	1,357	1,529	1,685	1,838
Great Lakes	Caribbean	23	56	6	7	7	9	9	9	10	10	11
Total		**4,346,686**	**3,565,644**	**3,621,389**	**3,821,925**	**3,968,940**	**4,867,469**	**5,697,254**	**6,568,787**	**8,964,925**	**12,755,596**	**18,882,105**
Average Annual Growth Rate			**-3.88%**	**0.52%**	**5.54%**	**3.85%**	**4.17%**	**3.20%**	**2.89%**	**3.16%**	**3.59%**	**4.00%**

US Commodity Forecast For CHEMICALS
Sorted by ORIGIN, by Major Region, 1995-2050, Selected Years
(METRIC TONNES)

Origin	Destination	1995	2000	2003	2004	2005	2010	2015	2020	2030	2040	2050
North Atlantic	Africa	34,058	22,114	23,459	22,916	23,020	26,102	29,241	32,671	40,925	52,329	69,731
North Atlantic	Asia	438,207	501,294	750,199	770,768	792,456	909,146	1,066,620	1,299,566	2,109,364	3,844,663	7,635,934
North Atlantic	Europe	676,675	872,296	1,033,914	1,022,251	1,004,068	1,151,792	1,296,137	1,447,554	1,866,537	2,544,768	3,745,561
North Atlantic	Mideast	57,233	60,384	59,903	61,414	62,606	69,058	75,958	84,436	105,058	132,101	167,276
North Atlantic	North America	14,348	118,857	15,204	16,582	17,111	19,821	22,499	25,317	32,081	40,475	49,938
North Atlantic	South America	303,635	332,421	341,499	359,964	364,598	415,124	465,202	519,183	670,134	901,321	1,226,914
North Atlantic	Caribbean	6,461	10,261	13,994	14,389	14,784	16,978	19,518	22,433	30,178	39,962	50,675
South Atlantic	Africa	46,004	47,522	36,565	35,802	36,291	41,787	47,703	54,685	74,246	108,066	173,567
South Atlantic	Asia	960,824	608,258	837,219	856,857	876,880	993,386	1,133,973	1,335,550	1,986,195	3,272,314	5,935,115
South Atlantic	Europe	417,070	488,187	567,106	557,669	548,591	652,321	754,182	859,235	1,161,249	1,684,887	2,544,910
South Atlantic	Mideast	37,274	43,506	39,588	40,431	41,872	46,087	50,993	57,137	72,827	95,265	126,639
South Atlantic	North America	17,445	33,611	58,848	62,197	63,457	71,859	80,419	86,818	100,582	115,463	131,617
South Atlantic	South America	507,845	567,630	565,851	594,467	608,516	719,997	857,142	1,041,225	1,714,278	2,994,855	4,937,444
South Atlantic	Caribbean	37,945	42,635	74,896	77,416	79,919	93,635	109,299	127,065	174,470	235,587	304,043
Gulf Coast	Africa	292,215	263,737	212,351	211,873	212,416	246,448	289,064	357,578	612,248	1,197,106	2,621,066
Gulf Coast	Asia	6,292,718	5,539,673	6,383,593	6,893,966	6,956,071	6,724,650	6,759,657	7,072,752	8,267,826	10,573,781	14,885,686
Gulf Coast	Europe	2,665,434	3,699,956	3,431,091	3,402,812	3,316,833	3,648,363	3,990,429	4,327,404	5,236,315	6,635,623	9,113,669
Gulf Coast	Mideast	300,126	330,868	378,480	386,400	389,446	418,006	451,194	497,350	612,809	760,581	946,492
Gulf Coast	North America	2,062,819	3,211,703	3,857,196	4,131,600	4,244,860	4,854,819	5,470,584	6,094,515	7,549,660	9,305,447	11,257,021
Gulf Coast	South America	3,047,763	4,068,757	3,992,206	4,329,322	4,382,658	4,938,938	5,547,857	6,336,919	8,937,934	13,903,550	22,086,226
Gulf Coast	Caribbean	243,618	326,218	368,976	382,426	395,753	467,414	546,616	631,604	843,514	1,096,681	1,363,853
South Pacific	Africa	27,856	2,320	2,919	2,835	2,807	3,316	3,856	4,438	5,742	7,292	9,118
South Pacific	Asia	3,571,900	4,002,765	4,056,185	4,173,363	4,279,863	4,891,398	5,649,156	6,691,280	10,061,863	16,762,073	30,688,295
South Pacific	Europe	536,150	362,251	73,518	74,148	74,951	85,124	95,311	104,778	127,154	157,076	197,102
South Pacific	Mideast	1,943	1,188	881	897	911	1,064	1,211	1,389	1,841	2,477	3,361
South Pacific	North America	2,115	519	123	130	135	161	185	207	255	311	377
South Pacific	South America	364,404	410,105	424,274	479,200	485,900	549,720	598,108	637,341	716,928	804,667	903,168
South Pacific	Caribbean	25,286	18,540	29,372	31,087	32,693	40,680	48,292	53,899	64,022	74,210	85,149
North Pacific	Africa	20,046	436	348	344	347	395	429	461	528	604	687
North Pacific	Asia	2,256,146	2,038,771	2,018,590	2,078,090	2,093,159	2,432,621	2,784,292	3,163,275	4,190,080	5,864,905	8,835,774
North Pacific	Europe	89,824	167,265	491,102	501,892	517,386	591,472	663,026	724,423	853,531	997,658	1,160,541
North Pacific	Mideast	8,780	7,035	6,532	6,608	6,735	7,470	8,070	8,585	9,685	10,917	12,296
North Pacific	North America	75,963	154,146	39,247	40,598	42,760	52,788	63,293	72,286	89,672	107,587	126,683
North Pacific	South America	269,825	290,412	395,763	431,660	435,886	488,959	529,418	564,010	635,001	716,265	813,612
North Pacific	Caribbean	4,450	19,663	14,876	15,743	16,555	20,591	24,424	27,163	31,914	36,504	41,360
Great Lakes	Africa	414	353	207	205	200	214	227	244	281	326	377
Great Lakes	Asia	1,527	6,513	26,147	25,922	26,410	31,957	39,003	48,025	77,522	138,772	271,895
Great Lakes	Europe	20,407	56,180	131,958	131,074	129,386	147,090	165,376	184,022	231,871	302,080	416,128
Great Lakes	Mideast	73	216	1,689	1,737	1,774	2,068	2,343	2,677	3,544	4,741	6,381
Great Lakes	North America	43,142	85,752	90,986	92,902	95,455	110,359	127,536	142,427	172,781	205,400	240,957
Great Lakes	South America	816	427	993	1,042	1,056	1,242	1,418	1,593	2,017	2,566	3,249
Great Lakes	Caribbean	4	41	39	38	37	34	31	29	27	28	31
Total		**25,780,790**	**28,814,786**	**30,847,888**	**32,321,032**	**32,676,614**	**35,984,451**	**39,869,293**	**44,743,547**	**59,474,692**	**85,731,285**	**133,189,920**
Average Annual Growth Rate			**2.25%**	**2.30%**	**4.78%**	**1.10%**	**1.95%**	**2.07%**	**2.33%**	**2.89%**	**3.72%**	**4.50%**

US Commodity Forecast For CONSUMER GOODS
Sorted by ORIGIN, by Major Region, 1995-2050, Selected Years
(METRIC TONNES)

Origin	Destination	1995	2000	2003	2004	2005	2010	2015	2020	2030	2040	2050
North Atlantic	Africa	7,961	6,073	7,399	7,014	7,343	8,696	10,002	11,415	15,820	24,202	39,128
North Atlantic	Asia	55,518	47,009	66,919	71,667	75,607	96,392	123,263	161,520	295,006	563,190	1,086,926
North Atlantic	Europe	106,662	117,045	129,032	133,622	138,109	162,146	186,805	223,821	357,957	649,569	1,275,914
North Atlantic	Mideast	9,431	12,556	10,213	10,581	11,219	14,251	17,315	20,443	28,519	40,189	56,035
North Atlantic	North America	202	213	1,648	1,656	1,678	1,743	1,753	1,792	1,966	2,226	2,574
North Atlantic	South America	49,801	57,729	43,256	45,530	47,293	57,171	65,874	73,564	91,771	115,464	145,583
North Atlantic	Caribbean	2,070	4,280	5,277	5,433	5,593	6,297	6,787	7,374	8,882	10,726	12,699
South Atlantic	Africa	1,854	2,631	1,634	1,574	1,636	2,028	2,399	2,856	4,355	7,446	13,254
South Atlantic	Asia	27,762	30,837	50,511	54,051	57,492	75,083	96,081	124,610	220,331	409,562	784,380
South Atlantic	Europe	37,118	41,515	42,680	43,949	45,163	51,760	57,354	64,832	87,724	129,881	210,790
South Atlantic	Mideast	3,348	4,360	3,124	3,280	3,558	4,708	5,894	7,114	10,334	15,207	22,034
South Atlantic	North America	2,209	3,779	2,540	2,708	2,835	3,516	4,158	4,794	6,248	8,110	10,520
South Atlantic	South America	138,610	139,867	101,620	103,978	105,171	111,240	118,852	123,480	138,785	162,845	195,956
South Atlantic	Caribbean	88,595	232,364	117,531	121,362	124,785	136,527	146,110	156,230	179,100	207,120	238,405
Gulf Coast	Africa	718	3,892	2,338	2,230	2,360	3,008	3,617	4,390	7,005	12,509	22,910
Gulf Coast	Asia	4,496	18,488	11,999	13,187	13,931	19,815	26,841	35,915	66,143	125,615	243,877
Gulf Coast	Europe	23,262	35,719	47,840	49,007	50,191	56,588	62,516	72,538	108,636	185,754	352,499
Gulf Coast	Mideast	1,219	1,432	2,060	2,157	2,320	3,017	3,713	4,426	6,286	8,975	12,565
Gulf Coast	North America	2,414	15,073	33,072	32,099	31,178	31,104	29,104	29,679	27,092	23,552	22,588
Gulf Coast	South America	38,395	38,059	36,446	38,492	40,102	49,002	56,376	62,350	75,974	92,987	113,963
Gulf Coast	Caribbean	16,255	57,777	48,448	49,979	51,342	55,919	59,641	63,195	69,933	76,790	83,457
South Pacific	Africa	161	348	497	478	494	630	754	898	1,337	2,174	3,679
South Pacific	Asia	328,138	334,382	322,317	346,256	366,063	460,445	583,180	754,915	1,348,123	2,530,131	4,823,449
South Pacific	Europe	15,048	13,514	11,974	12,458	12,888	14,493	16,512	20,295	34,321	65,886	139,492
South Pacific	Mideast	797	747	510	520	542	658	777	899	1,219	1,673	2,287
South Pacific	North America	145	9,980	720	787	830	1,039	1,222	1,395	1,778	2,254	2,873
South Pacific	South America	17,193	12,841	11,587	12,180	12,552	14,816	16,742	18,370	22,227	27,262	34,020
South Pacific	Caribbean	1,630	3,041	7,425	7,635	7,825	8,504	8,982	9,512	10,727	12,170	13,733
North Pacific	Africa	33	20	171	159	154	134	124	118	117	124	136
North Pacific	Asia	69,500	57,461	59,114	64,098	68,557	86,280	113,125	153,925	301,583	619,685	1,309,758
North Pacific	Europe	1,764	940	1,231	1,308	1,379	1,642	2,059	2,878	6,126	13,854	32,837
North Pacific	Mideast	2	55	36	38	40	55	70	86	129	195	288
North Pacific	North America	183	240	97	95	102	117	130	144	181	224	273
North Pacific	South America	271	319	191	202	204	238	278	317	415	544	709
North Pacific	Caribbean	28	19	40	44	49	68	73	78	89	101	115
Great Lakes	Africa	47	142	338	309	330	412	485	548	692	871	1,092
Great Lakes	Asia	910	1,771	1,813	1,967	2,059	2,714	3,508	4,621	8,460	16,251	31,543
Great Lakes	Europe	15,461	18,329	12,684	13,275	13,745	15,260	16,937	19,608	28,141	44,511	78,745
Great Lakes	Mideast	92	34	111	116	124	148	172	194	250	327	430
Great Lakes	North America	343	212	312	324	352	410	446	496	627	788	978
Great Lakes	South America	79	158	388	392	394	409	421	432	456	487	527
Great Lakes	Caribbean	9	16	197	203	207	220	233	244	257	262	260
Total		**1,069,731**	**1,325,265**	**1,197,340**	**1,256,400**	**1,307,796**	**1,558,707**	**1,850,687**	**2,246,315**	**3,575,121**	**6,211,692**	**11,423,280**
Average Annual Growth Rate			**4.38%**	**-3.33%**	**4.93%**	**4.09%**	**3.57%**	**3.49%**	**3.95%**	**4.76%**	**5.68%**	**6.28%**

US Commodity Forecast For EXTRACTIVE COMMODITIES
Sorted by ORIGIN, by Major Region, 1995-2050, Selected Years
(METRIC TONNES)

Origin	Destination	1995	2000	2003	2004	2005	2010	2015	2020	2030	2040	2050
North Atlantic	Africa	729,046	400,189	5,580	6,278	6,137	5,316	4,663	4,710	4,789	4,803	4,881
North Atlantic	Asia	10,061,416	2,890,596	3,079,853	3,350,787	3,394,015	3,638,628	3,726,498	3,904,351	4,307,099	4,614,133	4,856,724
North Atlantic	Europe	29,649,164	14,811,365	9,452,154	9,576,167	9,579,332	8,128,766	7,350,475	6,860,453	5,967,201	5,284,698	4,759,173
North Atlantic	Mideast	3,213,728	692,676	1,042,999	1,027,596	1,080,401	1,107,168	1,153,054	1,227,526	1,420,279	1,656,249	1,949,216
North Atlantic	North America	733,250	1,483,225	1,177,773	1,160,307	1,186,753	1,302,966	1,379,322	1,445,943	1,619,617	1,815,578	2,026,995
North Atlantic	South America	4,656,479	3,283,363	1,864,441	1,859,506	1,939,774	2,092,557	2,165,067	2,218,344	2,369,077	2,538,196	2,719,336
North Atlantic	Caribbean	1,913	1,552	24,071	21,524	21,349	21,900	22,261	21,795	21,282	21,030	21,402
South Atlantic	Africa	26,683	10,245	4,938	4,487	4,077	5,437	5,787	6,209	7,073	7,897	8,733
South Atlantic	Asia	1,555,724	1,991,209	2,201,466	2,279,460	2,344,860	2,414,181	2,457,878	2,493,016	2,645,695	2,869,544	3,204,501
South Atlantic	Europe	1,598,525	1,147,762	1,100,600	1,109,014	1,114,780	1,055,550	1,037,596	1,031,896	1,035,845	1,061,602	1,109,628
South Atlantic	Mideast	101,414	12,208	38,925	36,920	37,727	37,457	38,052	39,789	44,065	49,376	56,320
South Atlantic	North America	332,631	222,783	353,527	342,176	356,250	424,782	456,727	485,001	561,212	644,866	733,828
South Atlantic	South America	210,844	167,767	204,238	205,403	206,999	217,859	221,041	223,544	229,004	233,714	237,183
South Atlantic	Caribbean	9,010	16,149	21,410	21,696	21,970	22,535	22,986	23,236	23,707	24,338	25,198
Gulf Coast	Africa	5,370	1,482	10,563	10,693	10,803	11,375	11,650	12,088	13,140	14,445	15,906
Gulf Coast	Asia	3,941,703	301,094	380,980	421,548	435,345	464,010	461,474	493,701	580,760	708,159	905,774
Gulf Coast	Europe	8,073,669	3,520,689	2,365,911	2,440,712	2,455,159	2,233,705	2,119,302	2,045,577	1,828,470	1,744,302	1,676,933
Gulf Coast	Mideast	604,981	1,011,156	495,463	496,399	523,269	576,957	611,248	659,605	785,476	940,475	1,131,359
Gulf Coast	North America	342,465	592,271	495,677	542,892	577,070	662,610	693,127	737,377	858,030	989,606	1,129,711
Gulf Coast	South America	2,323,071	1,423,842	1,742,095	1,752,818	1,828,475	1,966,701	2,012,337	2,053,323	2,174,543	2,312,462	2,461,883
Gulf Coast	Caribbean	44,965	71,172	185,444	208,049	211,420	197,267	182,817	190,182	203,472	218,233	233,441
South Pacific	Africa	3,024	3,745	3,301	2,985	2,700	3,643	3,886	4,177	4,769	5,331	5,900
South Pacific	Asia	7,526,966	6,245,963	4,210,929	4,562,249	4,604,922	4,951,608	5,104,664	5,406,414	6,187,086	7,105,610	8,383,098
South Pacific	Europe	122,425	81,687	85,166	86,001	86,974	79,641	75,214	72,702	68,756	65,843	63,680
South Pacific	Mideast	1,208	712	40,396	40,381	40,484	44,422	46,799	49,737	57,000	66,244	77,493
South Pacific	North America	36,537	217,443	1,713	1,689	1,892	2,303	2,411	2,487	2,669	2,890	3,136
South Pacific	South America	169,165	134,795	127,760	137,712	136,789	141,183	143,202	143,973	145,067	145,839	146,398
South Pacific	Caribbean	32,711	8,585	12,221	13,561	13,757	12,815	11,850	12,298	13,123	14,048	15,023
North Pacific	Africa	0	0	20	18	16	22	24	26	29	33	37
North Pacific	Asia	1,526,016	984,473	1,564,019	1,700,052	1,735,337	1,911,674	2,014,051	2,164,026	2,591,797	3,192,971	4,140,897
North Pacific	Europe	21,370	12,667	8,936	9,177	9,302	8,464	8,051	7,798	7,331	6,899	6,504
North Pacific	Mideast	19	0	0	0	0	0	0	0	0	0	0
North Pacific	North America	1,024,545	29,859	273,678	261,765	279,435	346,980	363,054	374,513	401,935	435,162	472,273
North Pacific	South America	65,726	11,548	4,906	5,105	5,275	6,033	6,695	7,368	8,520	9,446	10,240
North Pacific	Caribbean	34,870	20	44	46	46	47	48	49	50	51	53
Great Lakes	Africa	15,235	153	2	2	2	2	2	3	3	3	4
Great Lakes	Asia	35,447	6,952	22,858	25,292	25,769	29,737	31,462	33,276	37,701	40,774	42,067
Great Lakes	Europe	312,673	71,637	71,401	71,403	71,407	63,684	59,085	56,446	52,364	49,466	47,373
Great Lakes	Mideast	43	96	97	93	90	132	142	156	191	235	292
Great Lakes	North America	16,158,056	14,039,639	23,102,411	22,607,673	23,197,596	24,662,802	25,680,534	26,489,740	28,426,460	30,773,701	33,395,638
Great Lakes	South America	3,110	12,915	0	0	0	0	0	0	0	0	0
Great Lakes	Caribbean	0	61	0	0	0	0	0	0	0	0	0
Total		**95,305,198**	**55,915,748**	**55,777,962**	**56,399,637**	**57,547,760**	**58,852,921**	**59,684,534**	**61,002,855**	**64,704,685**	**69,668,254**	**76,078,230**
Average Annual Growth Rate			**-10.12%**	**-0.08%**	**1.11%**	**2.04%**	**0.45%**	**0.28%**	**0.44%**	**0.59%**	**0.74%**	**0.88%**

US Commodity Forecast For FOOD
Sorted by ORIGIN, by Major Region, 1995-2050, Selected Years
(METRIC TONNES)

Origin	Destination	1995	2000	2003	2004	2005	2010	2015	2020	2030	2040	2050
North Atlantic	Africa	11,751	18,770	61,733	61,516	60,362	56,007	51,405	50,412	50,177	51,826	54,790
North Atlantic	Asia	444,368	348,979	343,378	359,502	370,289	422,550	454,094	499,886	608,875	741,570	838,757
North Atlantic	Europe	775,348	514,378	454,066	463,427	467,800	463,841	442,056	444,559	478,135	529,565	586,135
North Atlantic	Mideast	48,463	89,146	75,273	77,035	79,719	99,539	111,072	123,872	153,109	185,280	218,383
North Atlantic	North America	5,246	8,564	37,188	38,425	40,390	52,162	57,703	63,855	76,247	88,929	101,625
North Atlantic	South America	191,494	243,338	245,963	269,082	286,433	389,447	430,348	468,556	548,338	632,268	718,680
North Atlantic	Caribbean	26,463	17,710	21,478	22,345	22,641	21,819	20,526	19,678	18,129	16,926	16,117
South Atlantic	Africa	53,669	27,658	37,003	36,960	35,663	31,113	27,603	27,063	26,926	27,721	29,168
South Atlantic	Asia	382,399	622,099	608,830	649,920	678,684	893,947	1,023,011	1,178,804	1,538,971	1,964,721	2,066,975
South Atlantic	Europe	1,211,911	1,626,388	1,001,701	1,063,120	1,086,820	1,145,980	1,122,548	1,153,361	1,277,708	1,436,629	1,600,856
South Atlantic	Mideast	28,758	53,678	80,376	78,250	79,937	121,369	134,304	152,933	196,044	244,655	295,722
South Atlantic	North America	13,976	29,132	21,426	22,243	23,483	34,364	39,741	44,919	55,869	67,442	79,261
South Atlantic	South America	385,921	272,499	223,669	229,767	238,373	305,705	338,481	372,412	446,025	526,997	613,147
South Atlantic	Caribbean	63,079	105,497	119,169	126,521	132,100	146,937	150,018	154,327	163,285	173,862	186,303
Gulf Coast	Africa	63,487	195,818	158,601	158,376	153,914	165,363	166,004	171,821	187,174	206,317	227,704
Gulf Coast	Asia	2,198,396	2,357,434	1,583,532	1,741,276	1,847,884	2,515,985	2,973,164	3,481,050	4,649,723	6,025,187	7,554,136
Gulf Coast	Europe	10,133,275	6,848,184	4,970,148	5,403,950	5,619,730	5,090,813	4,928,153	5,071,737	5,474,534	6,105,454	6,883,308
Gulf Coast	Mideast	379,052	794,862	603,612	668,271	704,980	1,151,025	1,372,714	1,595,970	2,085,426	2,618,401	3,170,475
Gulf Coast	North America	194,054	441,746	1,041,724	1,146,820	1,246,520	1,884,360	2,192,561	2,485,922	3,107,981	3,765,913	4,436,908
Gulf Coast	South America	1,442,361	1,154,370	939,609	965,551	1,005,276	1,387,626	1,577,073	1,759,044	2,139,115	2,539,926	2,955,603
Gulf Coast	Caribbean	456,957	726,987	807,800	890,250	954,675	1,159,450	1,228,123	1,293,428	1,430,462	1,580,238	1,741,228
South Pacific	Africa	1,114	1,591	2,080	1,966	1,893	2,418	2,674	2,912	3,371	3,842	4,327
South Pacific	Asia	4,092,793	4,410,222	4,164,795	4,349,853	4,502,159	5,344,136	5,762,539	6,255,830	7,280,801	8,441,173	9,482,595
South Pacific	Europe	201,689	244,303	247,292	250,625	247,604	262,251	263,312	268,855	285,403	305,963	329,084
South Pacific	Mideast	3,921	7,602	8,144	8,158	8,331	10,599	12,014	13,219	15,721	18,451	21,415
South Pacific	North America	5,491	11,983	18,479	20,374	21,414	26,169	29,305	31,915	37,171	42,799	48,827
South Pacific	South America	56,485	41,571	34,099	36,235	38,228	48,382	53,137	58,124	68,142	78,921	90,481
South Pacific	Caribbean	11,498	25,961	31,894	34,771	35,238	33,862	32,007	29,943	26,173	23,077	20,696
North Pacific	Africa	1,886	980	1,871	1,793	1,676	2,271	2,415	2,672	3,189	3,722	4,264
North Pacific	Asia	3,450,135	3,913,635	4,202,593	4,356,816	4,577,382	5,478,140	5,949,575	6,489,591	7,660,391	8,990,799	10,292,385
North Pacific	Europe	141,804	142,949	148,493	155,616	158,243	168,534	157,932	158,436	175,707	196,571	215,432
North Pacific	Mideast	882	2,397	2,785	2,759	2,807	3,093	3,367	3,700	4,384	5,119	5,910
North Pacific	North America	6,125	11,829	12,588	12,335	12,728	15,246	16,691	18,157	20,969	23,696	26,306
North Pacific	South America	30,806	27,026	16,966	17,741	17,945	19,046	20,066	21,455	24,309	27,380	30,836
North Pacific	Caribbean	1,239	7,998	2,172	2,362	2,397	2,315	2,202	2,074	1,829	1,618	1,446
Great Lakes	Africa	198	2,095	2,450	2,336	2,238	1,652	1,277	1,112	884	759	703
Great Lakes	Asia	736	13,360	9,950	10,732	11,566	16,587	19,910	23,527	31,712	40,469	49,073
Great Lakes	Europe	67,144	166,241	162,172	175,265	182,031	168,184	168,747	174,183	184,028	201,279	224,310
Great Lakes	Mideast	56	4,452	2,887	3,132	3,401	5,042	5,871	6,699	8,442	10,263	12,098
Great Lakes	North America	9,710	3,094	9,060	9,175	9,504	12,155	13,669	14,904	17,271	19,568	21,771
Great Lakes	South America	0	1,995	653	711	748	944	1,037	1,117	1,276	1,446	1,628
Great Lakes	Caribbean	0	890	562	576	589	591	578	572	550	524	502
Total		**26,594,141**	**25,539,410**	**22,518,263**	**23,925,935**	**24,973,796**	**29,161,021**	**31,359,026**	**34,192,605**	**40,563,975**	**47,967,267**	**55,259,369**
Average Annual Growth Rate			**-0.81%**	**-4.11%**	**6.25%**	**4.38%**	**3.15%**	**1.46%**	**1.75%**	**1.72%**	**1.69%**	**1.43%**

US Commodity Forecast For FUELS
Sorted by ORIGIN, by Major Region, 1995-2050, Selected Years
(METRIC TONNES)

Origin	Destination	1995	2000	2003	2004	2005	2010	2015	2020	2030	2040	2050
North Atlantic	Africa	973	3,022	2,009	1,997	2,042	1,842	1,697	1,689	1,687	1,674	1,628
North Atlantic	Asia	49,098	31,712	115,582	113,447	111,253	92,644	77,190	67,889	52,091	38,854	29,161
North Atlantic	Europe	186,067	134,332	201,415	206,112	203,885	179,596	160,746	145,598	119,462	97,053	78,190
North Atlantic	Mideast	4,895	4,276	2,699	2,606	2,659	2,523	2,428	2,458	2,509	2,520	2,470
North Atlantic	North America	80,062	234,589	271,198	293,885	276,487	304,824	306,100	316,343	346,452	402,024	484,736
North Atlantic	South America	20,637	33,920	38,303	38,364	37,543	34,766	32,943	33,338	33,895	33,915	33,190
North Atlantic	Caribbean	368	235	343	345	345	352	356	359	359	358	354
South Atlantic	Africa	531	589	222	221	226	205	190	189	189	188	183
South Atlantic	Asia	6,465	8,093	8,311	8,257	8,213	7,399	6,864	6,766	7,238	8,820	11,922
South Atlantic	Europe	5,003	32,672	6,574	6,720	6,552	5,517	4,782	4,277	3,485	2,886	2,468
South Atlantic	Mideast	532	3,863	8,539	8,247	8,416	8,116	7,854	7,964	8,153	8,211	8,068
South Atlantic	North America	85	573	229	227	230	210	196	195	194	190	182
South Atlantic	South America	20,453	40,118	69,710	72,020	73,065	79,082	85,001	89,375	94,193	96,812	98,144
South Atlantic	Caribbean	9,007	6,706	6,886	6,928	6,940	7,072	7,161	7,208	7,223	7,190	7,115
Gulf Coast	Africa	23,126	15,093	32,195	32,015	32,725	29,690	27,468	27,364	27,368	27,180	26,503
Gulf Coast	Asia	2,257,429	958,805	1,904,146	1,878,657	1,843,357	1,544,704	1,307,706	1,192,327	1,019,579	928,355	962,276
Gulf Coast	Europe	2,029,402	1,288,718	327,263	351,455	348,164	274,764	227,817	193,782	139,544	95,938	62,004
Gulf Coast	Mideast	535,211	365,416	426,485	411,930	420,369	405,476	392,461	397,941	407,416	410,336	403,205
Gulf Coast	North America	2,254,934	10,085,410	6,693,780	6,726,094	6,730,980	6,340,950	5,988,144	6,014,522	6,089,099	6,196,350	6,299,861
Gulf Coast	South America	2,695,421	1,726,769	3,355,593	3,452,169	3,496,910	3,761,943	4,036,478	4,267,741	4,570,971	4,787,532	4,957,404
Gulf Coast	Caribbean	638,851	803,983	1,434,774	1,443,526	1,446,085	1,473,465	1,492,065	1,501,796	1,505,072	1,498,055	1,482,557
South Pacific	Africa	33	85	52	52	53	48	44	44	44	44	42
South Pacific	Asia	4,336,194	1,650,298	1,394,121	1,367,385	1,345,251	1,148,904	988,064	887,567	746,564	685,128	730,544
South Pacific	Europe	2,758	2,351	5,340	5,591	5,502	4,519	3,924	3,572	3,050	2,684	2,473
South Pacific	Mideast	258	437	8,207	7,927	8,090	7,816	7,569	7,676	7,861	7,920	7,784
South Pacific	North America	1,180,025	1,838,240	463,457	464,846	465,883	437,125	412,080	413,542	417,629	423,021	427,069
South Pacific	South America	112,422	125,174	240,990	250,973	256,752	289,188	321,597	347,871	388,974	425,515	461,828
South Pacific	Caribbean	56,609	545	269,384	271,027	271,508	276,649	280,141	281,968	282,583	281,265	278,356
North Pacific	Africa	0	83	1,192	1,185	1,212	1,093	1,007	1,002	1,001	993	966
North Pacific	Asia	655,516	188,257	349,101	344,754	345,879	278,664	228,183	194,519	138,600	91,057	52,686
North Pacific	Europe	1,021	2,670	2,084	2,085	2,021	1,877	1,854	1,958	2,201	2,504	2,897
North Pacific	Mideast	0	0	0	0	0	0	0	0	0	0	0
North Pacific	North America	695,281	614,904	1,167,693	1,284,234	1,193,800	1,354,750	1,373,980	1,426,172	1,579,709	1,864,176	2,289,569
North Pacific	South America	133,726	4,735	319,511	333,911	342,185	389,524	438,333	482,118	559,812	635,966	716,667
North Pacific	Caribbean	0	16	405,427	407,900	408,623	416,360	421,616	424,365	425,291	423,308	418,929
Great Lakes	Africa	0	17	0	0	0	0	0	0	0	0	0
Great Lakes	Asia	62	258	1,517	1,494	1,468	1,281	1,131	1,031	912	897	1,010
Great Lakes	Europe	810	4,802	8,697	9,239	9,134	7,302	6,102	5,247	3,855	2,703	1,772
Great Lakes	Mideast	0	15	44	42	43	39	37	38	38	38	37
Great Lakes	North America	241,821	56,290	244,307	268,809	249,790	283,710	287,820	298,790	331,064	390,865	480,303
Great Lakes	South America	1	38	62	63	63	58	55	55	56	55	53
Great Lakes	Caribbean	0	0	0	0	0	0	0	0	0	0	0
Total		**18,235,089**	**20,268,109**	**19,787,444**	**20,076,740**	**19,963,702**	**19,454,045**	**18,939,184**	**19,056,655**	**19,325,427**	**19,882,580**	**20,824,605**
Average Annual Growth Rate			**2.14%**	**-0.80%**	**1.46%**	**-0.56%**	**-0.52%**	**-0.54%**	**0.12%**	**0.14%**	**0.28%**	**0.46%**

US Commodity Forecast For HI-TECH PRODUCTS
Sorted by ORIGIN, by Major Region, 1995-2050, Selected Years
(METRIC TONNES)

Origin	Destination	1995	2000	2003	2004	2005	2010	2015	2020	2030	2040	2050
North Atlantic	Africa	2,221	1,519	1,700	1,755	1,794	2,389	3,077	4,042	7,397	14,680	31,933
North Atlantic	Asia	16,535	19,915	39,675	42,982	46,587	67,600	95,762	140,818	310,097	691,118	1,555,760
North Atlantic	Europe	48,496	55,916	63,404	63,582	64,224	76,340	86,389	100,669	146,620	233,170	402,527
North Atlantic	Mideast	3,134	5,697	5,878	6,021	6,319	8,296	10,054	11,874	16,142	21,420	27,881
North Atlantic	North America	91	209	27	30	33	47	62	77	119	175	246
North Atlantic	South America	18,694	30,894	24,018	26,075	27,075	34,901	42,838	50,022	67,751	92,136	128,400
North Atlantic	Caribbean	242	254	798	836	879	1,195	1,779	2,856	7,218	17,702	40,854
South Atlantic	Africa	670	620	840	867	895	1,096	1,342	1,679	2,871	5,446	11,476
South Atlantic	Asia	11,691	6,464	8,091	8,815	9,570	14,183	20,556	30,671	68,911	154,537	345,059
South Atlantic	Europe	9,866	14,340	14,828	14,935	15,702	18,552	20,516	22,887	29,753	41,051	61,962
South Atlantic	Mideast	652	935	898	942	1,019	1,470	1,959	2,489	3,867	5,711	8,058
South Atlantic	North America	208	1,110	887	1,005	1,091	1,639	2,129	2,590	3,646	4,785	5,958
South Atlantic	South America	67,882	74,563	47,542	51,509	54,518	76,153	103,697	142,155	279,278	577,847	1,263,198
South Atlantic	Caribbean	8,545	11,261	12,706	13,793	15,051	24,108	40,031	68,431	182,904	456,335	1,056,921
Gulf Coast	Africa	335	824	533	550	561	708	836	955	1,223	1,519	1,844
Gulf Coast	Asia	1,895	2,295	2,599	2,837	3,135	5,180	8,290	13,659	35,003	85,823	207,386
Gulf Coast	Europe	9,125	19,898	15,356	15,399	16,029	18,972	21,442	24,826	36,353	59,076	105,153
Gulf Coast	Mideast	378	387	528	553	593	814	1,019	1,238	1,817	2,627	3,738
Gulf Coast	North America	268	694	947	1,061	1,150	1,734	2,302	2,853	4,122	5,545	7,080
Gulf Coast	South America	9,405	10,389	9,281	10,125	10,837	14,683	18,994	22,707	30,555	39,462	53,240
Gulf Coast	Caribbean	615	1,054	1,164	1,250	1,351	2,046	3,160	4,961	11,952	27,987	62,314
South Pacific	Africa	173	120	177	189	201	259	315	360	443	508	561
South Pacific	Asia	143,502	138,608	140,981	152,613	163,872	228,217	310,233	431,714	870,076	1,816,121	3,847,997
South Pacific	Europe	12,565	10,455	12,154	12,102	12,546	14,671	16,049	17,743	22,986	32,186	48,892
South Pacific	Mideast	337	398	404	428	459	631	800	977	1,401	1,913	2,519
South Pacific	North America	163	586	1,114	1,267	1,364	1,782	2,076	2,263	2,606	2,903	3,209
South Pacific	South America	12,420	9,282	5,338	5,698	5,944	7,619	9,553	11,749	18,112	29,154	50,555
South Pacific	Caribbean	246	352	1,425	1,594	1,793	3,110	5,103	7,794	17,510	37,690	77,713
North Pacific	Africa	0	21	10	10	11	14	17	20	26	34	42
North Pacific	Asia	32,561	17,879	20,577	22,253	24,151	32,646	43,801	60,155	116,089	229,440	463,335
North Pacific	Europe	335	1,995	276	281	294	335	377	436	634	1,020	1,668
North Pacific	Mideast	10	24	13	13	13	19	22	26	36	48	64
North Pacific	North America	92	17	55	55	52	70	83	100	141	191	252
North Pacific	South America	394	8,154	94	100	105	144	199	285	587	1,183	2,322
North Pacific	Caribbean	31	6	11	13	14	29	57	114	355	954	2,305
Great Lakes	Africa	2	451	14	15	16	18	20	21	25	30	34
Great Lakes	Asia	97	7,725	1,875	2,032	2,271	3,466	4,786	6,618	13,558	28,641	60,605
Great Lakes	Europe	3,400	4,603	7,339	7,313	7,479	8,275	8,826	9,582	11,586	14,265	17,840
Great Lakes	Mideast	3	494	13	13	14	19	23	27	35	45	56
Great Lakes	North America	117	73	91	94	100	133	152	172	217	269	330
Great Lakes	South America	3	423	97	102	106	132	155	176	221	267	313
Great Lakes	Caribbean	3	0	2	2	2	2	3	3	3	4	4
Total		**417,404**	**460,907**	**443,758**	**471,113**	**499,219**	**673,696**	**888,884**	**1,202,794**	**2,324,245**	**4,735,019**	**9,961,602**
Average Annual Growth Rate			**2.00%**	**-1.26%**	**6.16%**	**5.97%**	**6.18%**	**5.70%**	**6.24%**	**6.81%**	**7.38%**	**7.72%**

US Commodity Forecast For INTERMEDIATE MANUFACTURED PRODUCTS
Sorted by ORIGIN, by Major Region, 1995-2050, Selected Years
(METRIC TONNES)

Origin	Destination	1995	2000	2003	2004	2005	2010	2015	2020	2030	2040	2050
North Atlantic	Africa	26,036	17,707	24,149	23,020	22,015	25,493	28,322	30,460	34,551	38,426	42,092
North Atlantic	Asia	454,102	230,244	586,826	612,532	631,792	780,079	964,164	1,133,082	1,602,459	2,357,316	3,627,117
North Atlantic	Europe	398,776	346,877	612,512	634,322	684,982	886,125	1,114,587	1,332,533	1,842,878	2,545,381	3,621,816
North Atlantic	Mideast	63,609	44,968	57,308	58,600	56,968	70,524	79,906	86,713	101,176	117,027	134,705
North Atlantic	North America	2,082	1,057	2,936	3,108	3,215	3,553	3,918	4,097	4,324	4,479	4,622
North Atlantic	South America	192,105	132,582	115,913	124,756	125,137	136,588	148,071	157,383	176,763	197,717	221,176
North Atlantic	Caribbean	3,181	5,951	5,419	5,381	5,361	5,699	6,861	9,201	20,511	48,517	98,125
South Atlantic	Africa	4,952	5,977	7,495	6,949	6,436	7,536	8,331	8,939	10,127	11,230	12,211
South Atlantic	Asia	137,086	124,286	232,012	243,856	253,060	299,011	360,735	419,706	597,438	912,015	1,493,962
South Atlantic	Europe	123,269	153,037	241,250	250,442	254,556	307,969	363,776	422,231	575,462	813,414	1,217,583
South Atlantic	Mideast	13,801	20,287	19,172	19,335	18,893	22,314	25,138	27,370	32,507	39,021	47,394
South Atlantic	North America	3,120	11,244	8,270	9,099	9,479	11,442	13,271	14,292	16,059	17,778	19,728
South Atlantic	South America	307,934	267,566	204,406	217,402	221,826	255,124	285,606	308,951	355,802	405,132	458,936
South Atlantic	Caribbean	60,998	75,223	65,769	67,923	69,992	85,355	111,432	156,478	361,469	860,804	1,742,808
Gulf Coast	Africa	26,799	15,962	14,227	14,531	14,482	14,579	14,266	14,174	13,941	13,842	13,904
Gulf Coast	Asia	1,123,149	45,780	349,192	360,442	368,857	451,373	549,718	628,781	848,838	1,206,045	1,834,248
Gulf Coast	Europe	294,190	131,715	253,810	262,070	281,116	371,384	473,003	564,088	763,999	1,007,285	1,311,438
Gulf Coast	Mideast	18,518	13,603	7,844	7,786	7,470	8,667	9,618	10,639	13,292	17,129	22,653
Gulf Coast	North America	10,067	32,415	23,381	25,624	26,530	32,272	37,949	41,412	47,351	52,717	58,107
Gulf Coast	South America	433,064	221,229	145,590	155,279	157,793	173,616	188,054	199,684	222,543	246,463	273,277
Gulf Coast	Caribbean	37,009	39,738	39,778	41,734	43,108	49,450	58,871	74,357	147,553	331,354	659,483
South Pacific	Africa	174	446	450	439	428	473	515	548	611	663	701
South Pacific	Asia	1,205,794	762,621	647,532	683,902	712,796	860,769	1,058,009	1,278,401	1,970,393	3,275,254	5,780,712
South Pacific	Europe	27,298	18,374	33,849	34,779	36,009	42,819	50,585	57,512	72,927	92,104	118,120
South Pacific	Mideast	2,160	1,193	1,470	1,464	1,439	1,645	1,816	1,976	2,355	2,817	3,371
South Pacific	North America	5,336	9,048	2,967	3,153	3,262	3,714	4,189	4,434	4,811	5,144	5,495
South Pacific	South America	31,673	26,985	20,968	21,900	22,260	25,231	28,573	32,063	40,860	51,356	62,445
South Pacific	Caribbean	2,726	4,883	7,737	8,083	8,482	11,448	16,828	26,519	71,416	181,649	376,878
North Pacific	Africa	0	241	228	231	235	273	313	347	414	482	553
North Pacific	Asia	666,019	228,015	221,330	236,793	247,254	277,079	320,600	371,912	545,147	880,776	1,518,321
North Pacific	Europe	10,995	3,930	3,070	3,182	3,400	4,378	5,352	6,801	12,185	23,151	44,501
North Pacific	Mideast	140	10	9	10	10	12	13	15	18	22	26
North Pacific	North America	18,730	1,048	23,695	23,869	24,817	30,251	35,331	39,669	48,514	58,054	68,427
North Pacific	South America	3,035	1,581	637	669	670	750	856	940	1,110	1,284	1,472
North Pacific	Caribbean	94	138	31	34	37	57	91	152	433	1,123	2,347
Great Lakes	Africa	17	90	135	126	117	138	150	156	165	170	174
Great Lakes	Asia	286,880	2,241	90,531	92,944	94,989	114,858	137,642	153,709	196,518	260,188	358,494
Great Lakes	Europe	380,901	75,643	246,711	260,183	291,041	418,129	577,407	730,886	1,078,368	1,510,773	2,045,905
Great Lakes	Mideast	7,430	6,952	521	532	534	679	793	877	1,067	1,293	1,559
Great Lakes	North America	165,650	200,393	212,720	213,946	222,883	270,763	315,173	353,027	430,603	515,005	607,535
Great Lakes	South America	39	168	284	305	306	340	383	423	518	626	749
Great Lakes	Caribbean	0	4	11	12	14	22	36	60	172	446	932
Total		**6,548,938**	**3,281,453**	**4,532,148**	**4,730,747**	**4,934,054**	**6,061,980**	**7,400,251**	**8,705,000**	**12,267,647**	**18,105,474**	**27,914,101**
Average Annual Growth Rate			**-12.91%**	**11.36%**	**4.38%**	**4.30%**	**4.20%**	**4.07%**	**3.30%**	**3.49%**	**3.97%**	**4.42%**

US Commodity Forecast For MATERIALS
Sorted by ORIGIN, by Major Region, 1995-2050, Selected Years
(METRIC TONNES)

Origin	Destination	1995	2000	2003	2004	2005	2010	2015	2020	2030	2040	2050
North Atlantic	Africa	35,824	22,945	31,245	31,080	29,769	30,329	31,326	33,212	39,097	50,607	76,010
North Atlantic	Asia	1,732,030	1,916,239	2,991,739	3,000,188	2,883,470	2,386,401	2,059,354	1,968,685	1,812,441	1,723,885	1,690,951
North Atlantic	Europe	951,442	626,457	636,976	665,197	655,489	496,734	434,311	437,976	511,170	749,294	1,354,279
North Atlantic	Mideast	102,457	117,499	97,924	100,654	103,886	89,353	80,358	78,874	76,694	75,794	76,470
North Atlantic	North America	32,339	59,933	57,713	61,816	57,199	40,036	32,632	30,085	26,806	25,751	26,434
North Atlantic	South America	337,261	321,874	278,748	279,307	271,317	253,332	250,001	258,647	280,760	304,025	327,166
North Atlantic	Caribbean	24,285	31,591	59,344	63,327	67,868	98,209	148,862	216,786	455,560	932,594	1,849,819
South Atlantic	Africa	37,282	21,405	19,426	19,925	19,744	22,695	28,436	39,922	87,466	203,744	495,852
South Atlantic	Asia	1,847,438	1,689,100	1,716,703	1,759,043	1,719,038	1,528,343	1,429,130	1,488,952	1,681,301	1,954,595	2,256,682
South Atlantic	Europe	1,986,556	1,794,724	1,792,772	1,892,319	1,897,550	1,440,903	1,264,470	1,273,945	1,346,946	1,505,476	1,757,949
South Atlantic	Mideast	237,334	164,923	207,905	208,966	207,084	203,360	199,293	204,976	219,650	237,380	258,609
South Atlantic	North America	15,757	49,733	17,466	17,713	18,048	18,176	19,235	20,004	21,398	23,362	25,753
South Atlantic	South America	1,216,341	1,063,065	890,935	894,551	885,177	869,056	873,976	919,603	1,039,128	1,178,543	1,330,921
South Atlantic	Caribbean	182,146	210,974	361,414	401,040	446,480	753,833	1,268,437	1,945,824	4,372,220	9,284,261	18,791,817
Gulf Coast	Africa	47,017	20,102	26,865	26,351	24,966	24,765	25,827	28,590	40,514	69,159	139,389
Gulf Coast	Asia	938,946	517,897	420,200	418,639	394,086	309,147	259,312	249,717	243,592	252,569	271,734
Gulf Coast	Europe	1,318,705	861,809	677,221	717,825	716,322	545,432	484,017	490,344	525,337	596,879	707,975
Gulf Coast	Mideast	125,560	74,681	46,813	47,072	46,493	48,631	50,367	53,667	61,255	70,215	80,854
Gulf Coast	North America	16,250	66,654	243,765	238,295	240,469	234,091	230,474	233,053	239,506	248,661	259,032
Gulf Coast	South America	377,752	243,237	228,137	224,125	218,077	200,616	194,239	196,317	208,415	226,344	246,071
Gulf Coast	Caribbean	212,233	285,378	415,562	434,565	455,772	593,240	809,622	1,090,029	2,056,505	3,939,900	7,506,373
South Pacific	Africa	999	1,557	1,982	1,880	1,820	1,683	1,549	1,412	1,311	1,136	984
South Pacific	Asia	3,682,974	4,449,715	5,642,423	5,628,499	5,394,918	4,493,619	3,842,196	3,614,166	3,240,504	3,057,024	3,050,604
South Pacific	Europe	142,194	46,345	31,568	33,254	32,134	21,881	17,233	15,690	13,201	11,586	10,806
South Pacific	Mideast	3,032	8,311	1,240	1,218	1,188	1,191	1,169	1,146	1,155	1,218	1,331
South Pacific	North America	1,761	2,467	1,347	1,337	1,363	1,447	1,550	1,644	1,834	2,089	2,422
South Pacific	South America	122,145	113,535	109,351	105,055	100,532	82,920	70,797	63,240	53,990	49,810	48,257
South Pacific	Caribbean	6,000	6,316	24,074	25,947	28,100	42,511	66,881	99,820	216,143	449,950	901,142
North Pacific	Africa	930	734	418	426	437	502	617	869	1,956	4,699	11,639
North Pacific	Asia	3,152,193	2,469,544	2,316,535	2,382,239	2,316,982	2,094,201	1,970,605	2,018,827	2,188,208	2,394,051	2,557,953
North Pacific	Europe	111,341	73,748	61,756	64,441	61,993	36,818	24,956	21,100	15,183	11,917	11,794
North Pacific	Mideast	70	20	1,428	1,345	1,244	1,023	927	806	598	448	347
North Pacific	North America	1,391	885	10,288	9,983	9,710	8,431	8,157	8,330	9,057	10,223	11,608
North Pacific	South America	23,732	13,727	8,733	8,620	8,439	7,689	7,236	7,285	7,491	7,791	8,165
North Pacific	Caribbean	0	1,170	2,060	2,097	2,135	2,350	2,628	2,982	3,981	5,509	7,934
Great Lakes	Africa	133	133	648	614	602	591	602	580	518	474	453
Great Lakes	Asia	1,645	15,763	30,589	29,980	28,879	25,443	22,878	22,340	22,017	23,079	25,445
Great Lakes	Europe	6,233	44,098	54,092	56,606	55,380	42,193	36,404	34,384	31,480	30,632	31,686
Great Lakes	Mideast	0	368	385	387	389	469	510	559	680	835	1,030
Great Lakes	North America	3,531	805	538	560	560	535	559	574	610	669	752
Great Lakes	South America	241	761	285	291	282	248	232	220	203	193	189
Great Lakes	Caribbean	0	0	355	385	420	656	1,058	1,605	3,540	7,437	14,968
Total		**19,035,502**	**17,410,221**	**19,518,968**	**19,857,158**	**19,405,813**	**17,053,081**	**16,252,425**	**17,176,786**	**21,159,419**	**29,723,808**	**46,229,648**
Average Annual Growth Rate			**-1.77%**	**3.88%**	**1.73%**	**-2.27%**	**-2.55%**	**-0.96%**	**1.11%**	**2.11%**	**3.46%**	**4.52%**

US Commodity Forecast For ALL COMMODITIES
Sorted by ORIGIN, by Major Region, 1995-2050, Selected Years
(METRIC TONNES)

Origin	Destination	1995	2000	2003	2004	2005	2010	2015	2020	2030	2040	2050
North Atlantic	Africa	916,871	548,084	221,442	220,103	218,992	231,185	238,810	250,300	280,898	329,257	415,351
North Atlantic	Asia	13,960,750	6,961,449	8,837,144	9,250,606	9,270,680	9,482,315	9,785,641	10,535,969	12,835,386	16,881,243	24,537,916
North Atlantic	Europe	33,959,934	18,675,604	13,643,554	13,900,644	13,980,998	12,838,292	12,490,208	12,524,759	13,081,176	14,779,128	18,442,629
North Atlantic	Mideast	3,597,865	1,095,576	1,432,449	1,429,521	1,493,730	1,579,931	1,662,666	1,780,991	2,073,737	2,427,349	2,857,108
North Atlantic	North America	869,534	2,078,706	1,623,821	1,641,668	1,651,805	1,806,570	1,892,641	1,984,001	2,219,464	2,388,733	2,706,130
North Atlantic	South America	6,148,312	4,626,630	3,139,320	3,202,490	3,302,950	3,653,081	3,863,212	4,062,578	4,562,833	5,183,353	5,936,026
North Atlantic	Caribbean	100,528	80,703	142,365	145,643	151,307	186,891	241,927	315,981	578,891	1,106,083	2,109,882
South Atlantic	Africa	197,153	144,011	142,940	143,401	144,078	154,159	163,624	183,492	256,057	415,959	790,866
South Atlantic	Asia	6,318,402	6,073,964	6,737,734	7,026,350	7,151,692	7,498,514	7,900,876	8,554,073	10,484,268	13,638,385	18,705,511
South Atlantic	Europe	5,910,111	5,885,058	5,430,558	5,630,642	5,662,891	5,411,108	5,408,690	5,665,013	6,478,314	7,819,933	9,883,605
South Atlantic	Mideast	454,779	345,066	544,798	546,675	549,330	634,646	677,705	735,986	872,838	1,035,794	1,223,534
South Atlantic	North America	391,338	537,203	476,446	471,935	490,000	583,525	634,611	678,184	786,567	904,965	1,031,263
South Atlantic	South America	3,390,596	3,060,587	2,677,723	2,759,693	2,794,110	3,099,502	3,396,914	3,769,843	4,926,495	6,901,953	9,967,905
South Atlantic	Caribbean	558,100	784,677	869,413	927,918	990,685	1,372,204	1,957,095	2,740,407	5,569,284	11,360,967	22,472,124
Gulf Coast	Africa	1,754,896	1,033,634	1,265,369	1,260,911	1,253,069	1,310,434	1,378,398	1,488,698	1,887,804	2,745,000	4,595,166
Gulf Coast	Asia	22,534,794	19,555,035	20,083,467	20,982,229	21,276,557	22,347,376	23,156,422	24,458,167	28,131,025	31,114,050	39,182,352
Gulf Coast	Europe	29,528,045	19,168,784	14,360,905	15,104,291	15,328,787	15,057,383	15,367,352	16,046,989	17,794,666	20,667,667	25,169,483
Gulf Coast	Mideast	2,613,897	3,491,026	2,823,074	2,976,822	3,121,045	4,164,248	4,683,426	5,236,308	6,475,586	7,867,993	9,391,467
Gulf Coast	North America	4,914,212	14,555,052	12,414,616	12,871,348	13,126,503	14,074,818	14,680,405	15,678,132	17,967,023	20,637,355	23,525,324
Gulf Coast	South America	15,729,282	14,333,617	16,908,499	17,527,707	17,898,394	20,064,945	21,878,441	23,595,774	27,825,928	34,274,512	43,885,569
Gulf Coast	Caribbean	2,838,530	4,423,930	5,808,261	6,065,273	6,270,681	6,949,632	7,496,419	8,090,060	9,714,935	12,385,447	16,886,469
South Pacific	Africa	34,159	11,778	14,069	13,371	12,934	15,857	17,342	18,851	22,244	26,130	30,969
South Pacific	Asia	28,486,063	24,641,560	23,410,196	24,316,177	24,515,495	26,160,441	27,600,996	30,178,203	38,077,504	52,442,033	79,466,983
South Pacific	Europe	1,355,579	1,029,245	730,629	739,029	727,466	779,181	810,539	849,964	954,200	1,107,602	1,342,382
South Pacific	Mideast	30,287	58,241	102,867	103,941	104,853	124,921	136,319	148,596	176,665	209,584	246,758
South Pacific	North America	1,253,197	2,096,695	495,389	499,319	502,128	481,006	460,719	465,932	477,638	491,282	504,373
South Pacific	South America	1,010,733	974,363	1,045,873	1,123,265	1,136,925	1,255,800	1,350,098	1,432,853	1,598,452	1,782,813	1,995,689
South Pacific	Caribbean	149,995	93,784	422,386	435,032	443,040	482,718	527,387	582,412	768,363	1,146,266	1,846,025
North Pacific	Africa	24,192	3,939	16,695	16,302	16,059	17,458	18,384	19,345	21,388	24,940	32,687
North Pacific	Asia	27,833,968	18,647,696	21,016,436	22,295,615	22,824,938	25,979,234	27,679,340	29,222,349	33,461,595	36,251,553	44,819,538
North Pacific	Europe	658,528	637,029	810,330	839,423	859,109	923,086	980,647	1,049,175	1,219,540	1,435,293	1,709,073
North Pacific	Mideast	10,089	10,544	13,570	13,589	13,840	15,479	16,845	18,180	20,951	24,052	27,505
North Pacific	North America	2,237,545	1,057,309	1,660,956	1,753,418	1,672,103	1,972,776	2,048,062	2,145,782	2,393,602	2,781,005	3,317,107
North Pacific	South America	962,465	463,915	885,460	940,325	957,092	1,077,819	1,183,594	1,277,244	1,454,246	1,639,254	1,845,812
North Pacific	Caribbean	41,041	39,866	439,859	444,300	446,717	461,472	472,252	479,263	488,261	495,267	502,160
Great Lakes	Africa	171,081	25,009	4,635	4,479	4,420	4,229	4,099	4,103	4,212	4,477	4,884
Great Lakes	Asia	331,452	81,003	368,856	378,181	382,078	420,862	458,372	491,377	590,543	761,288	1,072,652
Great Lakes	Europe	1,348,580	1,661,411	1,633,213	1,721,543	1,803,064	2,063,743	2,354,898	2,625,535	3,218,035	3,949,404	4,871,924
Great Lakes	Mideast	29,136	71,912	6,358	6,688	7,039	9,445	10,887	12,349	15,629	19,426	23,805
Great Lakes	North America	16,842,153	14,752,127	24,293,911	23,868,126	24,478,372	26,210,660	27,396,484	28,369,693	30,642,002	32,126,843	35,002,936
Great Lakes	South America	25,281	20,067	3,636	3,862	3,917	4,503	4,972	5,378	6,281	7,331	8,551
Great Lakes	Caribbean	39	1,069	1,173	1,223	1,277	1,533	1,947	2,522	4,559	8,711	16,707
Total		**239,523,492**	**193,836,959**	**196,960,396**	**203,603,079**	**207,041,145**	**220,962,980**	**232,489,665**	**247,774,814**	**290,419,084**	**351,599,680**	**462,404,197**
Average Annual Growth Rate			**-4.14%**	**0.53%**	**3.37%**	**1.69%**	**1.31%**	**1.02%**	**1.28%**	**1.60%**	**1.93%**	**2.78%**

U.S. Commodity by Destination (Metric Tonnes)

US Commodity Forecast For AGRICULTURE COMMODITIES
Sorted by DESTINATION, by Major Region, 1995-2050, Selected Years
(METRIC TONNES)

Destination	Origin	1995	2000	2003	2004	2005	2010	2015	2020	2030	2040	2050
North Atlantic	Africa	38,516	51,716	64,318	60,867	61,146	62,245	62,100	61,741	61,124	61,033	62,218
North Atlantic	Asia	242,608	300,866	366,963	370,194	390,024	405,389	412,643	351,366	380,851	416,764	458,008
North Atlantic	Europe	130,033	359,837	461,520	451,251	455,857	505,062	523,705	503,840	542,665	589,110	640,483
North Atlantic	Mideast	19,610	15,438	22,745	24,799	26,712	31,225	34,032	33,704	37,741	42,560	48,215
North Atlantic	North America	184,449	163,480	168,050	193,294	217,542	270,502	320,716	369,284	478,837	605,774	750,440
North Atlantic	South America	254,096	566,728	798,943	802,732	823,628	893,202	967,016	1,010,570	1,215,026	1,466,084	1,755,515
North Atlantic	Caribbean	11,474	43,782	63,065	61,474	60,524	52,819	49,122	44,187	34,823	27,333	21,882
South Atlantic	Africa	5,579	5,159	1,463	1,402	1,446	1,463	1,467	1,401	1,370	1,341	1,314
South Atlantic	Asia	117,457	80,651	93,625	93,637	93,898	85,456	80,831	69,975	70,767	74,572	79,930
South Atlantic	Europe	80,032	356,721	549,162	534,774	537,434	666,498	714,199	712,777	746,776	806,321	878,643
South Atlantic	Mideast	1,755	6,329	833	881	918	897	882	748	710	678	648
South Atlantic	North America	86,675	67,008	90,834	100,328	109,116	119,572	124,925	127,019	128,289	126,614	122,642
South Atlantic	South America	581,569	625,696	721,164	723,222	751,346	833,247	866,308	880,852	922,497	951,813	967,894
South Atlantic	Caribbean	92,784	166,280	128,066	126,918	125,619	117,829	114,788	110,780	104,154	97,276	88,681
Gulf Coast	Africa	2,227	4,427	1,596	1,632	1,665	1,725	1,746	1,682	1,786	1,948	2,164
Gulf Coast	Asia	91,338	68,256	67,746	69,064	67,440	53,870	46,560	42,256	39,727	39,549	40,191
Gulf Coast	Europe	116,123	264,133	632,247	705,241	728,226	819,310	906,546	958,956	1,093,104	1,257,984	1,373,739
Gulf Coast	Mideast	3,467	150	699	762	847	1,058	1,164	1,195	1,388	1,601	1,836
Gulf Coast	North America	102,135	125,164	39,823	36,645	32,406	17,975	10,751	6,516	2,536	1,065	545
Gulf Coast	South America	345,298	679,891	875,146	876,611	896,951	931,456	933,839	929,222	931,659	926,899	909,371
Gulf Coast	Caribbean	94,455	117,802	63,746	60,305	58,192	46,060	38,482	31,475	21,465	15,282	11,553
South Pacific	Africa	1,061	1,227	991	1,069	1,171	1,270	1,354	925	1,100	1,312	1,548
South Pacific	Asia	449,237	978,858	707,291	719,212	759,811	830,887	892,840	866,268	1,010,156	1,172,362	1,349,244
South Pacific	Europe	21,962	26,438	64,786	62,376	61,150	75,568	78,450	77,269	83,750	93,122	103,644
South Pacific	Mideast	1,093	713	1,100	1,179	1,221	1,301	1,331	1,229	1,302	1,431	1,603
South Pacific	North America	248,237	192,606	252,825	289,678	326,716	408,273	485,129	538,716	700,724	887,492	1,099,902
South Pacific	South America	300,748	231,036	284,846	290,632	299,005	309,065	326,208	331,999	368,804	415,777	472,799
South Pacific	Caribbean	25,132	161,462	319,639	344,057	355,911	286,966	276,568	246,293	177,017	113,903	65,386
North Pacific	Africa	303	119	93	88	80	51	35	24	12	6	3
North Pacific	Asia	130,898	204,215	219,056	215,872	226,920	250,730	274,983	277,106	330,290	387,945	449,984
North Pacific	Europe	277	7,517	35,636	35,577	35,615	35,869	35,861	35,474	42,255	42,398	42,597
North Pacific	Mideast	40	22	49	53	55	62	65	67	73	81	92
North Pacific	North America	407,050	1,070,168	1,617,746	1,883,038	2,140,972	2,718,917	3,253,318	3,765,604	4,903,911	6,213,694	7,702,064
North Pacific	South America	397,715	95,928	115,391	113,428	117,840	131,644	147,969	164,580	203,579	249,167	301,260
North Pacific	Caribbean	4,745	10,775	14,314	13,974	13,761	11,907	11,012	9,822	7,508	5,612	4,196
Great Lakes	Africa	0	18	23	23	24	23	22	22	21	21	21
Great Lakes	Asia	72	350	218	214	225	242	256	115	123	136	154
Great Lakes	Europe	605	141	140,556	151,731	159,302	182,502	208,043	231,398	281,259	336,106	385,517
Great Lakes	Mideast	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	North America	1,157,221	468,493	179,366	204,405	215,215	229,608	242,457	254,405	267,706	263,878	239,021
Great Lakes	South America	0	135	0	0	0	0	0	0	0	0	0
Great Lakes	Caribbean	21	22	0	0	0	0	0	0	0	0	0
Total		**5,748,100**	**7,519,753**	**9,165,680**	**9,622,639**	**10,155,929**	**11,391,749**	**12,447,723**	**13,050,863**	**15,196,885**	**17,696,040**	**20,434,943**
Average Annual Growth Rate			**5.52%**	**6.82%**	**4.99%**	**5.54%**	**2.32%**	**1.79%**	**0.95%**	**1.53%**	**1.53%**	**1.45%**

US Commodity Forecast For CAPITAL EQUIPMENT
Sorted by DESTINATION, by Major Region, 1995-2050, Selected Years
(METRIC TONNES)

Destination	Origin	1995	2000	2003	2004	2005	2010	2015	2020	2030	2040	2050
North Atlantic	Africa	15,858	41,347	63,842	72,971	83,915	141,091	179,734	219,938	319,676	447,424	603,183
North Atlantic	Asia	855,795	1,331,893	1,658,329	1,854,829	2,074,751	3,112,559	3,747,260	4,354,058	5,784,208	7,521,007	9,532,054
North Atlantic	Europe	1,304,302	1,609,850	1,814,368	2,006,790	2,245,106	3,301,998	3,886,316	4,450,116	5,685,554	7,048,741	8,491,709
North Atlantic	Mideast	14,732	22,135	35,293	36,733	39,616	59,483	71,287	82,178	108,240	140,044	176,748
North Atlantic	North America	51,580	97,644	114,854	127,557	141,643	199,194	221,597	236,539	260,903	277,073	283,853
North Atlantic	South America	344,092	452,158	605,767	677,104	693,133	898,693	1,073,710	1,238,370	1,613,717	2,029,461	2,469,714
North Atlantic	Caribbean	31	75	77	87	97	140	168	196	271	381	534
South Atlantic	Africa	9,297	12,299	35,273	39,256	44,707	70,019	83,199	95,403	122,802	153,942	188,049
South Atlantic	Asia	626,225	1,086,061	1,304,233	1,462,510	1,633,887	2,507,329	3,147,477	3,827,352	5,641,052	8,262,432	11,910,329
South Atlantic	Europe	508,284	919,807	1,011,131	1,097,015	1,220,520	1,925,381	2,433,897	2,982,894	4,345,632	6,106,690	8,274,723
South Atlantic	Mideast	7,553	16,425	15,559	16,069	17,758	28,101	34,916	41,490	57,635	78,491	104,352
South Atlantic	North America	26,376	36,803	150,479	171,317	195,033	310,528	391,536	473,625	670,693	913,864	1,199,802
South Atlantic	South America	124,263	171,168	204,608	228,659	249,281	364,555	444,843	523,986	721,153	974,224	1,286,247
South Atlantic	Caribbean	105	706	463	525	589	922	1,139	1,356	1,878	2,530	3,314
Gulf Coast	Africa	3,968	5,565	4,067	4,533	5,061	6,434	7,235	7,907	9,406	11,064	12,805
Gulf Coast	Asia	54,165	124,636	111,590	125,931	142,637	201,857	251,960	308,084	467,672	707,438	1,046,986
Gulf Coast	Europe	234,118	421,948	432,993	483,938	548,528	783,725	967,018	1,170,997	1,688,192	2,372,427	3,233,404
Gulf Coast	Mideast	4,696	3,620	5,368	5,235	5,621	8,574	10,725	12,865	18,555	26,601	37,434
Gulf Coast	North America	13,341	11,213	2,621	3,039	3,500	4,111	4,833	5,615	7,630	10,301	13,660
Gulf Coast	South America	72,642	95,287	146,938	162,250	176,993	255,177	306,730	353,339	469,740	619,733	808,768
Gulf Coast	Caribbean	42	812	1,293	1,493	1,710	2,511	3,061	3,616	5,004	6,831	9,167
South Pacific	Africa	776	2,574	5,968	6,928	8,048	13,267	16,854	20,614	29,958	41,909	56,389
South Pacific	Asia	3,705,765	5,009,692	5,874,325	6,439,701	7,082,283	10,451,108	12,772,990	15,075,607	20,623,075	27,468,965	35,408,679
South Pacific	Europe	188,750	397,750	473,912	545,907	633,186	1,097,396	1,418,062	1,761,187	2,622,123	3,740,184	5,115,667
South Pacific	Mideast	1,807	3,164	3,851	4,197	4,804	8,351	11,235	14,381	22,881	35,198	52,321
South Pacific	North America	315	35,113	6,516	7,280	8,130	10,859	11,948	12,819	14,586	16,430	18,136
South Pacific	South America	3,463	3,191	10,440	11,620	12,890	19,238	24,079	29,168	42,233	60,231	84,613
South Pacific	Caribbean	53	92	67	76	85	132	166	201	290	408	561
North Pacific	Africa	35	45	173	190	211	335	407	474	630	817	1,036
North Pacific	Asia	1,685,293	1,991,378	2,246,159	2,517,403	2,816,308	4,357,194	5,368,215	6,361,726	8,715,062	11,567,228	14,842,148
North Pacific	Europe	13,573	23,179	20,365	21,983	24,389	31,392	37,115	43,233	59,357	81,685	111,012
North Pacific	Mideast	0	36	100	99	110	172	215	256	360	496	669
North Pacific	North America	875	1,058	1,362	1,551	1,758	2,028	2,109	2,228	2,616	3,262	4,043
North Pacific	South America	394	220	440	492	537	893	1,179	1,484	2,311	3,523	5,251
North Pacific	Caribbean	0	1	5	5	6	9	12	15	23	34	49
Great Lakes	Africa	36	111	146	165	187	257	289	308	347	380	401
Great Lakes	Asia	86,156	116,902	45,141	50,895	57,350	92,328	119,048	147,183	220,253	322,217	459,580
Great Lakes	Europe	58,394	28,037	16,930	18,728	20,947	30,381	37,435	44,607	61,780	83,457	109,997
Great Lakes	Mideast	3	86	888	814	891	1,435	1,840	2,245	3,291	4,728	6,594
Great Lakes	North America	26,440	3,021	1,852	2,122	2,413	3,221	4,169	5,129	7,619	10,989	15,311
Great Lakes	South America	2,156	3,986	48	53	55	73	90	104	140	187	246
Great Lakes	Caribbean	0	0	0	0	0	0	0	0	0	0	0
Total		**10,045,751**	**14,081,087**	**16,427,831**	**18,208,047**	**20,198,675**	**30,302,451**	**37,096,099**	**43,912,893**	**60,428,549**	**81,153,028**	**105,979,539**
Average Annual Growth Rate			**6.99%**	**5.27%**	**10.84%**	**10.93%**	**8.45%**	**4.13%**	**3.43%**	**3.24%**	**2.99%**	**2.71%**

US Commodity Forecast For CHEMICALS
Sorted by DESTINATION, by Major Region, 1995-2050, Selected Years
(METRIC TONNES)

Destination	Origin	1995	2000	2003	2004	2005	2010	2015	2020	2030	2040	2050
North Atlantic	Africa	16,903	51,152	59,752	60,575	64,800	75,119	87,998	97,547	122,625	156,455	201,840
North Atlantic	Asia	780,320	631,270	779,163	790,224	840,944	1,011,585	1,110,546	1,180,433	1,384,327	1,707,470	2,174,435
North Atlantic	Europe	1,985,095	2,158,581	2,104,335	2,080,047	2,169,180	2,585,104	2,640,366	2,585,183	2,720,788	3,088,085	3,577,085
North Atlantic	Mideast	116,298	153,288	178,453	186,867	198,605	233,241	263,741	291,335	352,809	424,049	507,126
North Atlantic	North America	259,950	189,121	164,186	158,524	163,664	154,615	146,756	131,952	107,973	88,815	72,452
North Atlantic	South America	449,903	1,025,559	1,141,387	1,151,433	1,227,052	1,346,863	1,455,209	1,475,390	1,527,142	1,588,728	1,658,464
North Atlantic	Caribbean	259	782	875	911	984	1,123	1,190	1,197	1,219	1,248	1,283
South Atlantic	Africa	25,135	69,457	31,003	32,193	35,166	41,325	47,497	51,166	58,893	67,048	75,587
South Atlantic	Asia	551,009	503,394	1,053,856	1,016,130	1,035,588	1,194,046	1,299,723	1,343,081	1,437,631	1,554,889	1,700,671
South Atlantic	Europe	1,807,382	1,727,901	2,149,439	2,070,158	2,112,268	2,461,185	2,571,138	2,552,082	2,628,713	2,872,993	3,257,414
South Atlantic	Mideast	67,397	40,263	47,789	49,566	52,738	60,876	67,578	72,132	82,924	96,717	113,773
South Atlantic	North America	912,854	375,985	104,213	101,196	104,184	107,410	107,214	100,453	88,605	79,265	72,768
South Atlantic	South America	320,457	420,278	590,282	562,337	572,140	614,649	645,124	647,116	664,316	703,593	761,759
South Atlantic	Caribbean	150	9,266	3,205	3,645	4,219	5,959	7,217	8,569	12,091	17,031	23,765
Gulf Coast	Africa	24,470	139,981	168,105	171,059	184,939	219,154	250,187	266,293	296,218	321,953	343,062
Gulf Coast	Asia	632,952	1,341,237	1,069,673	1,062,769	1,130,352	1,331,483	1,428,343	1,461,832	1,551,661	1,731,233	2,018,501
Gulf Coast	Europe	2,762,748	3,186,131	4,556,322	4,424,971	4,555,630	4,855,048	4,784,239	4,487,908	4,105,113	4,145,283	4,478,815
Gulf Coast	Mideast	42,162	68,350	60,243	62,548	64,885	73,388	80,552	89,481	108,897	130,558	155,265
Gulf Coast	North America	1,663,129	719,117	401,974	392,086	406,667	388,489	365,280	321,278	248,535	193,778	153,996
Gulf Coast	South America	493,705	1,980,741	2,169,444	2,149,475	2,269,480	2,429,503	2,557,707	2,520,936	2,434,272	2,344,802	2,253,670
Gulf Coast	Caribbean	2,653	10,013	7,044	7,470	8,183	9,939	11,377	12,719	16,437	21,865	29,373
South Pacific	Africa	179	184	366	364	373	424	468	504	588	688	807
South Pacific	Asia	978,304	2,298,855	2,398,841	2,414,433	2,534,094	3,021,932	3,411,950	3,706,955	4,496,679	5,653,022	7,195,031
South Pacific	Europe	271,369	406,170	403,265	380,816	373,334	329,089	284,073	242,628	203,999	202,990	221,785
South Pacific	Mideast	9,747	14,930	23,833	23,754	24,570	28,643	32,360	36,779	50,077	70,209	98,545
South Pacific	North America	1,040,040	1,072,328	600,181	577,193	593,258	600,719	585,380	531,068	429,584	339,889	263,618
South Pacific	South America	226,179	349,622	215,272	209,922	217,573	218,590	215,555	200,210	176,637	163,024	158,648
South Pacific	Caribbean	316	769	2,094	2,235	2,481	3,024	3,386	3,751	4,855	6,555	8,970
North Pacific	Africa	305	49	49	54	62	86	103	120	162	215	280
North Pacific	Asia	2,619,183	2,555,072	902,838	877,116	897,409	1,006,471	1,072,197	1,105,550	1,226,472	1,437,797	1,731,843
North Pacific	Europe	18,204	13,986	28,263	25,864	25,673	22,321	19,059	16,019	12,367	10,891	10,600
North Pacific	Mideast	47	442	3,279	3,583	3,875	5,578	7,009	8,535	12,455	17,940	25,562
North Pacific	North America	40,927	61,812	90,609	85,861	86,628	87,675	85,907	80,352	71,376	62,416	47,614
North Pacific	South America	623	3,797	4,857	4,817	4,830	3,998	3,130	2,193	2,460	2,518	2,592
North Pacific	Caribbean	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	Africa	19	0	0	0	0	0	0	0	0	0	0
Great Lakes	Asia	921	3,480	3,355	3,447	3,696	5,029	5,871	6,678	8,827	11,952	15,976
Great Lakes	Europe	48,739	29,664	19,627	19,405	20,276	26,990	27,620	26,382	27,495	32,554	40,601
Great Lakes	Mideast	60	1,084	196	212	230	307	386	474	704	1,037	1,522
Great Lakes	North America	565,204	405,503	314,540	283,220	275,218	217,835	171,889	131,954	80,801	61,204	51,879
Great Lakes	South America	36	0	10	10	11	12	13	13	13	13	13
Great Lakes	Caribbean	0	18	0	0	0	0	0	0	0	0	0
Total		**18,735,331**	**22,019,630**	**21,852,218**	**21,446,493**	**22,265,258**	**24,778,827**	**25,855,340**	**25,798,251**	**26,756,737**	**29,410,771**	**33,506,990**
Average Annual Growth Rate			**3.28%**	**-0.25%**	**-1.86%**	**3.82%**	**2.16%**	**0.85%**	**-0.04%**	**0.37%**	**0.95%**	**1.31%**

US Commodity Forecast For CONSUMER GOODS
Sorted by DESTINATION, by Major Region, 1995-2050, Selected Years
(METRIC TONNES)

Destination	Origin	1995	2000	2003	2004	2005	2010	2015	2020	2030	2040	2050
North Atlantic	Africa	10,015	22,400	66,709	70,145	74,780	95,528	108,088	118,650	139,438	158,883	176,232
North Atlantic	Asia	585,501	1,060,939	1,917,686	2,015,867	2,199,872	3,159,305	3,714,799	4,322,121	5,796,260	7,627,561	9,802,869
North Atlantic	Europe	329,440	554,404	605,276	659,481	717,708	902,360	1,052,898	1,196,218	1,561,318	2,058,846	2,685,105
North Atlantic	Mideast	50,846	75,006	103,371	117,245	132,560	146,987	164,412	186,545	238,629	297,204	356,374
North Atlantic	North America	369	7,972	11,134	12,854	12,721	20,625	26,468	33,089	50,491	74,596	106,433
North Atlantic	South America	50,205	68,890	118,911	131,985	131,959	200,121	228,664	275,347	396,276	558,739	766,711
North Atlantic	Caribbean	672	10,575	14,928	15,120	15,523	16,635	17,193	17,737	19,192	20,683	22,243
South Atlantic	Africa	4,838	13,930	22,948	24,651	26,831	38,019	47,469	57,521	82,236	113,554	151,491
South Atlantic	Asia	341,000	800,253	1,417,207	1,538,103	1,728,195	2,782,629	3,560,933	4,488,046	7,021,996	10,720,842	15,896,412
South Atlantic	Europe	84,286	163,882	191,026	204,594	219,809	262,465	298,471	324,730	389,653	488,893	629,136
South Atlantic	Mideast	15,165	24,899	32,828	37,535	42,264	52,141	62,964	76,121	110,436	156,750	215,996
South Atlantic	North America	1,596	5,709	4,804	5,269	5,780	8,012	9,723	11,509	15,795	21,134	27,602
South Atlantic	South America	91,524	152,203	174,502	183,193	189,609	247,254	281,456	322,624	423,831	549,258	699,092
South Atlantic	Caribbean	126,588	377,422	382,873	393,220	411,603	488,245	562,999	641,495	834,406	1,059,572	1,312,505
Gulf Coast	Africa	805	1,605	2,576	2,822	3,035	4,327	5,219	6,141	8,335	10,994	14,082
Gulf Coast	Asia	4,505	8,617	54,021	57,374	64,534	101,983	127,361	157,355	238,076	353,715	513,161
Gulf Coast	Europe	38,119	80,804	88,776	96,604	105,474	137,123	161,708	182,861	233,414	305,219	402,430
Gulf Coast	Mideast	1,180	2,100	4,629	5,274	5,878	7,786	9,647	11,762	17,195	24,483	33,844
Gulf Coast	North America	1,975	57,239	75,990	79,932	85,723	112,647	132,953	152,461	196,513	247,110	303,418
Gulf Coast	South America	12,993	13,792	26,072	28,407	28,256	39,871	43,258	48,739	61,519	76,420	93,109
Gulf Coast	Caribbean	21,600	133,227	204,681	210,126	220,106	261,105	301,534	343,393	445,572	564,013	696,229
South Pacific	Africa	1,787	4,362	11,897	12,714	13,845	19,587	24,687	30,162	43,726	60,991	81,918
South Pacific	Asia	3,641,668	6,841,930	9,174,763	9,605,778	10,470,547	14,854,800	17,264,141	19,913,083	26,225,937	33,810,120	42,476,450
South Pacific	Europe	66,192	127,843	182,528	194,456	211,437	274,181	327,012	375,602	504,768	695,177	953,094
South Pacific	Mideast	3,312	9,056	12,766	14,531	16,523	25,482	27,362	32,732	45,776	61,741	76,205
South Pacific	North America	233	3,815	9,643	11,202	10,925	18,179	23,670	29,982	46,727	70,092	101,101
South Pacific	South America	5,923	8,014	15,455	16,788	17,422	23,243	25,947	29,535	38,291	49,185	62,204
South Pacific	Caribbean	10,773	13,878	59,864	61,488	64,423	76,467	88,281	100,573	130,656	165,645	204,829
North Pacific	Africa	57	105	664	718	777	1,106	1,377	1,663	2,361	3,232	4,271
North Pacific	Asia	943,734	1,314,139	1,534,556	1,606,742	1,751,092	2,481,495	2,882,500	3,325,198	4,382,929	5,654,818	7,106,183
North Pacific	Europe	1,748	6,023	13,961	14,869	16,021	21,708	26,371	31,052	41,932	54,874	69,619
North Pacific	Mideast	11	23	716	816	872	1,273	1,575	1,927	2,815	3,977	5,410
North Pacific	North America	82	172	1,097	1,158	1,241	1,632	1,929	2,220	2,890	3,677	4,574
North Pacific	South America	350	5,659	4,086	4,704	5,047	7,765	9,556	11,501	16,337	22,615	30,448
North Pacific	Caribbean	56	22	46	52	55	70	79	94	133	184	247
Great Lakes	Africa	3	0	280	298	321	429	501	569	716	876	1,045
Great Lakes	Asia	4,053	8,470	17,027	18,711	21,447	34,999	48,584	66,176	118,048	204,136	341,969
Great Lakes	Europe	4,252	4,603	3,752	4,093	4,246	5,343	6,055	6,678	8,063	9,694	11,519
Great Lakes	Mideast	20	360	21	25	29	30	38	49	79	126	195
Great Lakes	North America	56	7,996	759	705	654	526	417	378	427	578	803
Great Lakes	South America	1	0	4	4	3	3	2	2	1	1	0
Great Lakes	Caribbean	0	0	3	3	3	3	3	3	3	3	3
Total		**6,457,535**	**11,992,336**	**16,564,837**	**17,459,653**	**19,029,150**	**26,933,489**	**31,678,307**	**36,933,646**	**49,893,197**	**66,360,210**	**86,436,562**
Average Annual Growth Rate			**13.18%**	**11.37%**	**5.40%**	**8.99%**	**7.20%**	**3.30%**	**3.12%**	**3.05%**	**2.89%**	**2.68%**

US Commodity Forecast For EXTRACTIVE COMMODITIES
Sorted by DESTINATION, by Major Region, 1995-2050, Selected Years
(METRIC TONNES)

Destination	Origin	1995	2000	2003	2004	2005	2010	2015	2020	2030	2040	2050
North Atlantic	Africa	8,719,816	8,827,098	11,545,488	13,520,923	14,909,958	19,932,877	21,829,984	23,068,001	25,939,661	29,241,591	32,942,639
North Atlantic	Asia	2,374,497	860,198	2,160,438	2,116,148	2,213,285	2,180,751	2,127,594	2,073,400	2,037,910	2,092,915	2,230,012
North Atlantic	Europe	551,974	1,383,592	2,440,124	2,549,924	2,676,260	3,099,234	3,165,558	3,233,855	3,621,956	4,279,035	5,180,922
North Atlantic	Mideast	52,488	68,478	42,724	41,878	45,720	49,647	51,572	51,908	53,591	56,252	59,751
North Atlantic	North America	9,947,409	15,997,174	16,886,101	18,716,034	19,584,850	23,561,476	26,203,138	28,483,555	34,219,007	41,592,118	50,763,431
North Atlantic	South America	15,581,320	15,279,966	18,375,113	19,105,458	19,900,026	21,470,388	21,595,667	21,199,515	20,652,145	20,344,566	20,223,838
North Atlantic	Caribbean	21	156	0	0	0	0	0	0	0	0	0
South Atlantic	Africa	113,696	203,384	166,107	170,908	187,508	229,766	249,537	262,164	292,440	328,347	369,609
South Atlantic	Asia	32,911	77,036	73,561	79,002	87,136	110,000	111,109	108,822	105,047	101,798	99,061
South Atlantic	Europe	383,478	1,055,159	1,113,453	1,080,303	1,089,614	1,136,136	1,051,992	988,332	932,623	931,509	964,237
South Atlantic	Mideast	167,535	151,396	53,701	61,624	71,034	73,163	78,585	81,565	88,892	97,651	107,724
South Atlantic	North America	4,605,812	5,641,583	7,184,349	7,286,056	6,830,167	6,731,769	6,547,375	6,322,979	5,885,893	5,462,275	5,053,911
South Atlantic	South America	3,022,743	3,495,940	4,763,605	4,789,088	5,057,859	5,028,583	5,021,212	4,987,305	4,985,633	5,068,661	5,248,512
South Atlantic	Caribbean	5,417	11,042	10,616	11,447	11,623	10,824	9,980	9,249	7,847	6,564	5,417
Gulf Coast	Africa	7,014,515	6,820,674	6,563,675	7,457,535	8,047,364	9,512,488	9,262,681	8,709,724	7,778,001	6,996,481	6,326,580
Gulf Coast	Asia	3,045,621	4,506,369	4,254,407	4,288,722	4,470,843	4,982,637	5,012,000	4,957,128	4,918,179	4,912,070	4,961,764
Gulf Coast	Europe	1,285,523	1,890,891	7,040,489	7,837,309	8,327,364	9,483,005	9,769,896	9,767,252	9,886,997	10,056,568	10,202,803
Gulf Coast	Mideast	54,175	57,848	54,610	62,021	65,951	71,245	74,140	76,323	82,051	89,203	97,627
Gulf Coast	North America	53,258,114	70,502,250	85,163,944	96,140,189	102,160,088	118,931,564	125,967,652	129,199,495	137,846,862	148,730,873	161,595,131
Gulf Coast	South America	71,872,198	79,002,849	77,308,880	85,458,278	91,312,861	103,888,709	107,886,443	108,499,982	110,456,139	112,676,106	114,796,510
Gulf Coast	Caribbean	445,043	1,087,378	1,252,006	1,421,506	1,518,163	1,775,559	1,884,936	1,936,143	2,073,197	2,245,926	2,450,305
South Pacific	Africa	26,207	13,817	1,016,806	1,192,862	1,316,188	1,763,191	1,932,115	2,042,510	2,298,386	2,592,452	2,921,971
South Pacific	Asia	1,198,753	2,581,330	1,708,281	1,934,061	2,070,449	2,477,380	2,629,453	2,725,304	3,027,174	3,401,930	3,844,378
South Pacific	Europe	13,322	115,689	106,460	103,958	101,755	104,880	100,346	94,752	87,707	84,081	82,376
South Pacific	Mideast	283	6,679	6,028	6,830	7,676	8,130	8,822	9,241	10,261	11,494	12,886
South Pacific	North America	1,450,680	4,164,402	6,267,693	6,786,882	6,860,639	7,831,288	8,450,723	8,937,154	10,081,409	11,441,397	13,028,466
South Pacific	South America	3,707,459	6,194,350	7,825,405	8,906,619	9,546,465	11,458,314	12,396,816	12,958,445	14,289,125	15,839,498	17,591,419
South Pacific	Caribbean	1,092	2,771	4,154	4,597	4,788	5,056	5,283	5,550	6,047	6,496	6,873
North Pacific	Africa	36	682	21	20	23	25	24	23	19	16	15
North Pacific	Asia	397,862	607,311	165,930	185,011	193,970	223,638	230,551	232,964	248,330	268,385	292,624
North Pacific	Europe	52,840	8	40,864	40,850	40,840	40,873	40,861	40,845	40,817	40,793	40,771
North Pacific	Mideast	0	0	21	22	22	27	31	34	41	49	58
North Pacific	North America	4,308,508	4,501,314	3,837,396	3,976,170	3,823,591	4,162,095	4,511,354	4,875,546	5,721,704	6,740,397	7,955,238
North Pacific	South America	274,174	1,323,861	1,819,093	2,071,299	2,218,308	2,627,666	2,819,894	2,923,180	3,174,537	3,470,980	3,807,134
North Pacific	Caribbean	0	20	0	0	0	0	0	0	0	0	0
Great Lakes	Africa	138,194	122,249	129,521	129,521	129,521	129,521	129,521	129,521	129,521	129,521	129,521
Great Lakes	Asia	130,634	335,225	98,819	103,411	112,352	147,481	159,649	168,582	190,280	216,213	246,683
Great Lakes	Europe	60,371	104,148	63,073	58,804	62,925	72,248	68,648	63,228	54,439	47,251	41,253
Great Lakes	Mideast	0	5,588	0	0	0	0	0	0	0	0	0
Great Lakes	North America	8,738,391	11,627,750	13,876,322	14,589,360	14,706,136	16,095,668	16,377,549	16,379,601	16,531,247	16,845,009	17,314,061
Great Lakes	South America	1,013,064	483,585	712,511	688,402	775,809	972,550	1,032,691	1,060,902	1,136,329	1,231,321	1,343,664
Great Lakes	Caribbean	0	0	0	0	0	0	0	0	0	0	0
Total		**204,046,176**	**249,111,241**	**284,131,790**	**312,973,036**	**330,539,131**	**380,379,852**	**398,795,381**	**406,664,080**	**428,891,448**	**457,677,794**	**492,339,174**
Average Annual Growth Rate			**4.07%**	**4.48%**	**10.15%**	**5.61%**	**2.85%**	**0.95%**	**0.39%**	**0.53%**	**0.65%**	**0.73%**

US Commodity Forecast For FOOD
Sorted by DESTINATION, by Major Region, 1995-2050, Selected Years
(METRIC TONNES)

Destination	Origin	1995	2000	2003	2004	2005	2010	2015	2020	2030	2040	2050
North Atlantic	Africa	92,959	211,980	147,726	161,094	179,195	245,963	269,365	291,077	334,369	377,430	420,159
North Atlantic	Asia	1,189,953	1,561,971	2,205,338	2,161,040	2,305,051	2,805,875	2,974,542	3,151,073	3,509,849	3,885,261	4,270,013
North Atlantic	Europe	1,862,472	2,638,430	2,922,352	3,124,204	3,417,543	3,695,908	3,759,208	3,818,355	3,912,304	3,938,888	3,897,763
North Atlantic	Mideast	173,959	118,030	147,473	164,311	185,475	220,197	239,143	255,713	288,396	319,704	348,642
North Atlantic	North America	74,462	36,092	23,041	23,993	25,699	33,756	37,030	40,593	48,463	57,348	67,457
North Atlantic	South America	1,040,660	978,494	1,120,988	1,181,237	1,223,187	1,466,317	1,540,747	1,616,439	1,767,228	1,906,263	2,039,914
North Atlantic	Caribbean	129,697	275,940	209,410	211,215	219,978	283,146	320,271	356,647	431,772	508,488	586,986
South Atlantic	Africa	27,737	12,385	27,750	31,857	36,997	50,627	56,660	62,812	75,765	89,377	103,253
South Atlantic	Asia	264,998	309,041	490,689	491,394	507,388	567,315	586,034	610,373	660,889	719,815	791,793
South Atlantic	Europe	398,638	727,655	735,015	802,898	897,271	1,007,391	1,095,521	1,197,227	1,423,675	1,659,578	1,895,320
South Atlantic	Mideast	13,290	16,368	20,154	22,567	25,821	38,928	42,994	47,067	56,453	67,131	78,747
South Atlantic	North America	25,899	32,157	20,219	19,755	20,185	24,460	26,913	29,520	34,658	39,497	44,405
South Atlantic	South America	344,773	449,490	779,184	810,049	841,629	1,015,152	1,070,175	1,121,629	1,213,825	1,286,437	1,347,398
South Atlantic	Caribbean	50,415	102,374	177,483	176,102	182,643	199,979	197,024	192,993	181,251	164,804	147,468
Gulf Coast	Africa	38,544	37,251	14,238	16,726	19,646	26,635	30,542	34,592	43,086	51,947	60,919
Gulf Coast	Asia	391,094	332,100	515,448	538,009	546,822	607,176	620,484	640,538	680,776	729,728	786,696
Gulf Coast	Europe	239,664	317,037	526,204	574,844	641,696	695,242	747,197	807,815	937,162	1,062,418	1,173,661
Gulf Coast	Mideast	9,947	2,696	12,645	14,129	15,643	17,780	18,455	18,918	19,832	20,944	22,402
Gulf Coast	North America	121,297	100,988	288,157	284,700	293,267	380,300	412,196	439,973	488,264	527,267	557,252
Gulf Coast	South America	322,218	215,433	301,899	319,169	342,453	426,126	461,354	493,229	554,733	613,827	670,528
Gulf Coast	Caribbean	318,856	173,819	235,719	232,387	237,923	275,972	278,665	276,113	263,760	244,954	222,749
South Pacific	Africa	1,182	3,311	4,269	4,917	5,714	7,790	8,697	9,598	11,446	13,338	15,234
South Pacific	Asia	1,520,765	2,322,274	2,657,934	2,625,648	2,776,645	3,249,539	3,431,344	3,629,176	4,052,878	4,514,406	4,998,806
South Pacific	Europe	450,360	697,124	736,240	804,540	896,276	1,006,562	1,089,156	1,179,689	1,373,552	1,565,327	1,740,933
South Pacific	Mideast	3,580	6,596	11,792	13,358	15,276	17,888	21,147	24,555	32,545	42,341	54,144
South Pacific	North America	15,793	61,719	28,266	26,960	26,714	28,792	28,488	27,987	26,308	23,973	21,289
South Pacific	South America	97,362	279,539	411,468	430,259	461,055	559,575	621,730	684,783	818,314	961,049	1,111,124
South Pacific	Caribbean	125,069	106,717	294,265	299,369	315,509	409,505	466,316	521,598	635,551	753,055	872,298
North Pacific	Africa	167	121	294	347	410	555	644	738	937	1,145	1,356
North Pacific	Asia	272,536	219,250	257,143	249,527	269,677	327,503	352,933	378,891	432,835	489,432	547,849
North Pacific	Europe	26,938	36,348	46,719	49,765	55,980	66,937	72,572	78,984	92,671	107,892	124,063
North Pacific	Mideast	9	208	502	540	601	679	801	923	1,212	1,570	2,010
North Pacific	North America	11,978	3,885	11,228	11,814	13,321	16,736	17,298	17,970	18,924	19,409	19,489
North Pacific	South America	49,288	56,527	23,120	24,529	26,350	29,001	30,996	33,312	38,046	42,731	47,311
North Pacific	Caribbean	26,734	21,482	7,766	8,738	9,888	11,893	13,433	14,980	18,071	21,121	24,077
Great Lakes	Africa	44	154	43	46	49	72	76	87	107	136	169
Great Lakes	Asia	272	300	521	511	545	645	737	838	1,094	1,441	1,906
Great Lakes	Europe	6,680	4,438	4,214	4,353	4,598	5,260	5,668	6,089	7,115	8,438	10,086
Great Lakes	Mideast	15	189	70	79	91	111	134	159	219	292	380
Great Lakes	North America	21,123	3,304	2,306	2,508	2,815	3,445	3,861	4,266	5,102	5,970	6,855
Great Lakes	South America	62	80	41	37	33	30	28	25	21	18	16
Great Lakes	Caribbean	0	0	0	0	0	0	0	0	0	0	0
Total		**9,761,487**	**12,473,295**	**15,419,333**	**15,919,524**	**17,047,059**	**19,826,761**	**20,950,577**	**22,117,346**	**24,493,457**	**26,844,189**	**29,132,918**
Average Annual Growth Rate			**5.03%**	**7.32%**	**3.24%**	**7.08%**	**3.07%**	**1.11%**	**1.09%**	**1.03%**	**0.92%**	**0.82%**

US Commodity Forecast For FUELS
Sorted by DESTINATION, by Major Region, 1995-2050, Selected Years
(METRIC TONNES)

Destination	Origin	1995	2000	2003	2004	2005	2010	2015	2020	2030	2040	2050
North Atlantic	Africa	602,545	122,844	56,269	63,896	67,000	75,799	83,689	90,162	104,812	124,383	153,926
North Atlantic	Asia	966,418	654,622	607,680	699,660	744,153	902,924	1,055,166	1,204,899	1,558,721	2,004,722	2,560,268
North Atlantic	Europe	3,475,074	10,805,138	16,689,691	18,739,982	19,555,461	22,796,456	26,309,227	29,991,496	39,718,192	52,816,520	69,556,232
North Atlantic	Mideast	49,219	74,285	292,013	336,560	358,172	431,805	492,501	544,490	645,098	741,592	831,943
North Atlantic	North America	6,941,295	7,772,683	13,265,700	15,027,987	15,720,640	17,558,781	19,116,230	20,276,648	22,731,057	25,804,197	30,253,780
North Atlantic	South America	9,053,769	12,317,973	8,834,668	10,180,181	10,831,453	13,093,420	15,165,754	17,050,338	21,099,906	25,780,572	31,618,706
North Atlantic	Caribbean	0	0	0	0	0	0	0	0	0	0	0
South Atlantic	Africa	9	36,821	0	0	0	0	0	0	0	0	0
South Atlantic	Asia	3,005	106,936	115,308	133,675	143,112	178,158	210,594	242,161	313,545	398,652	499,289
South Atlantic	Europe	440,812	1,345,240	2,115,500	2,407,430	2,535,398	2,972,294	3,348,585	3,669,275	4,355,655	5,128,781	6,037,013
South Atlantic	Mideast	15	266	28,140	32,246	34,122	39,955	44,249	47,488	52,960	57,214	60,192
South Atlantic	North America	128,074	113,839	384,454	446,663	479,198	607,239	750,031	902,561	1,302,229	1,902,481	2,870,447
South Atlantic	South America	2,754,225	3,783,086	5,172,531	5,947,389	6,316,669	7,604,549	8,807,213	9,957,729	12,600,480	15,817,648	19,694,459
South Atlantic	Caribbean	0	0	24	27	29	31	33	34	36	39	43
Gulf Coast	Africa	9	336,269	598,765	680,226	713,633	809,253	895,361	966,687	1,128,383	1,343,460	1,664,899
Gulf Coast	Asia	2,576,714	1,402,845	729,351	832,339	877,379	1,017,725	1,139,220	1,246,146	1,485,468	1,776,810	2,136,767
Gulf Coast	Europe	2,263,081	9,301,031	9,999,387	11,106,465	11,409,974	12,393,943	13,279,373	13,896,156	15,477,459	17,452,869	19,875,100
Gulf Coast	Mideast	0	324,646	213,516	251,861	274,311	371,061	474,313	586,944	867,420	1,235,310	1,702,579
Gulf Coast	North America	1,236,190	2,677,591	3,449,782	3,938,710	4,152,470	4,821,426	5,456,621	6,018,787	7,314,520	9,051,650	11,662,994
Gulf Coast	South America	4,474,175	4,556,511	4,760,409	5,432,031	5,726,188	6,666,498	7,542,744	8,366,793	10,348,524	12,940,606	16,305,919
Gulf Coast	Caribbean	232	3,496	536	605	631	690	734	760	806	860	942
South Pacific	Africa	1	9,652	0	0	0	0	0	0	0	0	0
South Pacific	Asia	684,634	3,548,969	1,498,733	1,741,346	1,868,320	2,356,655	2,847,015	3,341,170	4,507,448	5,986,721	7,897,967
South Pacific	Europe	138,273	641,375	276,830	308,133	314,236	340,463	375,425	411,359	517,903	668,039	863,453
South Pacific	Mideast	0	34,167	0	0	0	0	0	0	0	0	0
South Pacific	North America	335,183	333,556	1,249,392	1,411,314	1,472,758	1,635,631	1,791,076	1,933,901	2,329,243	2,972,069	4,069,395
South Pacific	South America	1,283,650	2,084,240	1,037,151	1,192,953	1,266,948	1,517,578	1,743,939	1,944,945	2,371,907	2,869,033	3,514,225
South Pacific	Caribbean	0	0	0	0	0	0	0	0	0	0	0
North Pacific	Africa	0	0	0	0	0	0	0	0	0	0	0
North Pacific	Asia	178,127	169,778	405,028	471,038	505,884	639,605	767,421	895,144	1,190,023	1,548,734	1,979,194
North Pacific	Europe	3	10	62	72	76	90	101	110	127	141	152
North Pacific	Mideast	157,436	627,895	472,816	547,373	585,241	730,485	891,256	1,061,937	1,510,385	2,186,545	3,280,139
North Pacific	North America	0	0	0	0	0	0	0	0	0	0	0
North Pacific	South America	47,059	72,840	96,004	110,586	117,618	142,278	166,444	189,234	241,612	309,317	405,980
North Pacific	Caribbean	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	Africa	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	Asia	26	4	86	98	104	118	128	134	143	148	150
Great Lakes	Europe	143	293	128	136	130	107	94	83	74	71	71
Great Lakes	Mideast	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	North America	96,962	264,664	378,354	428,694	448,533	501,406	546,306	579,882	650,877	739,619	867,862
Great Lakes	South America	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	Caribbean	0	0	0	0	0	0	0	0	0	0	0
Total		**37,886,356**	**63,523,567**	**72,728,311**	**82,469,678**	**86,519,837**	**100,206,422**	**113,300,844**	**125,417,453**	**154,425,014**	**191,658,804**	**240,364,087**
Average Annual Growth Rate			**10.89%**	**4.61%**	**13.39%**	**4.91%**	**2.98%**	**2.49%**	**2.05%**	**2.10%**	**2.18%**	**2.29%**

US Commodity Forecast For HI-TECH PRODUCTS
Sorted by DESTINATION, by Major Region, 1995-2050, Selected Years
(METRIC TONNES)

Destination	Origin	1995	2000	2003	2004	2005	2010	2015	2020	2030	2040	2050
North Atlantic	Africa	20	107	507	581	666	1,078	1,370	1,697	2,500	3,550	4,895
North Atlantic	Asia	75,794	133,689	173,579	181,701	202,192	331,083	463,544	622,930	1,082,758	1,810,450	2,915,688
North Atlantic	Europe	57,898	41,750	67,566	71,451	78,991	116,141	140,543	165,374	222,805	292,550	376,494
North Atlantic	Mideast	1,315	2,742	2,458	2,756	3,098	4,773	5,791	6,874	9,436	12,647	16,628
North Atlantic	North America	22	291	404	455	499	784	1,108	1,490	2,575	4,276	6,935
North Atlantic	South America	1,833	3,851	2,544	2,899	3,281	5,553	7,410	9,557	15,422	24,117	36,584
North Atlantic	Caribbean	1	0	1	1	1	1	1	2	3	4	5
South Atlantic	Africa	124	15	66	73	82	117	133	149	183	223	272
South Atlantic	Asia	76,133	134,293	189,844	197,241	214,470	333,312	447,498	578,107	937,859	1,475,081	2,249,690
South Atlantic	Europe	14,621	26,772	23,639	24,749	27,720	45,236	60,247	77,549	124,129	191,391	285,294
South Atlantic	Mideast	165	1,099	579	641	709	1,077	1,357	1,677	2,509	3,674	5,263
South Atlantic	North America	144	834	697	779	864	1,266	1,726	2,245	3,630	5,551	8,093
South Atlantic	South America	3,189	4,417	12,114	13,414	15,268	23,443	29,807	36,559	53,450	75,715	104,303
South Atlantic	Caribbean	24	15	33	37	41	59	67	76	91	107	122
Gulf Coast	Africa	7	66	0	0	0	0	0	0	0	1	1
Gulf Coast	Asia	1,132	3,752	6,727	6,978	7,877	13,237	18,821	25,169	42,153	66,563	100,510
Gulf Coast	Europe	4,762	9,796	8,401	8,690	9,538	14,853	18,955	23,594	35,694	52,440	74,948
Gulf Coast	Mideast	199	583	493	533	578	794	921	1,031	1,266	1,512	1,758
Gulf Coast	North America	2	825	70	78	88	128	163	202	303	447	646
Gulf Coast	South America	169	1,165	1,029	1,148	1,300	2,051	2,703	3,436	5,371	8,092	11,786
Gulf Coast	Caribbean	4	0	164	181	207	311	385	462	648	886	1,184
South Pacific	Africa	25	2	9	10	11	18	21	24	29	35	40
South Pacific	Asia	1,566,598	2,779,869	2,990,764	3,159,696	3,440,372	5,378,913	7,107,179	8,968,260	13,462,112	18,984,373	25,332,878
South Pacific	Europe	6,173	7,810	8,325	8,405	9,189	14,235	18,288	22,693	34,105	49,860	71,004
South Pacific	Mideast	57	54	190	207	228	326	386	443	570	715	879
South Pacific	North America	107	894	1,202	1,387	1,574	2,648	3,965	5,597	10,291	17,570	28,284
South Pacific	South America	86	221	3,464	4,054	4,743	8,058	12,686	18,588	36,029	63,849	105,704
South Pacific	Caribbean	2	7	4	5	6	12	17	23	41	69	110
North Pacific	Africa	0	0	0	0	0	0	0	0	0	0	0
North Pacific	Asia	252,016	357,089	290,187	305,075	332,513	509,482	674,566	849,570	1,267,615	1,776,116	2,357,942
North Pacific	Europe	175	385	110	120	126	187	239	291	430	624	887
North Pacific	Mideast	0	0	20	21	23	31	36	40	49	58	67
North Pacific	North America	10	20	9	10	11	17	24	31	52	83	128
North Pacific	South America	5	8	0	0	0	0	0	0	1	1	2
North Pacific	Caribbean	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	Africa	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	Asia	8,543	3,806	2,610	2,701	3,041	5,007	7,361	10,337	19,417	34,597	58,605
Great Lakes	Europe	1,325	992	787	801	885	1,307	1,656	2,039	3,078	4,582	6,703
Great Lakes	Mideast	0	1	0	0	0	0	0	0	0	0	0
Great Lakes	North America	2	30	23	26	29	50	77	110	211	374	622
Great Lakes	South America	0	0	2	2	2	4	6	9	17	29	46
Great Lakes	Caribbean	0	0	0	0	0	0	0	0	0	0	0
Total		**2,072,684**	**3,517,251**	**3,788,620**	**3,996,906**	**4,360,222**	**6,815,592**	**9,029,058**	**11,436,233**	**17,376,832**	**24,962,211**	**34,164,998**
Average Annual Growth Rate			**11.16%**	**2.51%**	**5.50%**	**9.09%**	**9.35%**	**5.79%**	**4.84%**	**4.27%**	**3.69%**	**3.19%**

US Commodity Forecast For INTERMEDIATE MANUFACTURED PRODUCTS
Sorted by DESTINATION, by Major Region, 1995-2050, Selected Years
(METRIC TONNES)

Destination	Origin	1995	2000	2003	2004	2005	2010	2015	2020	2030	2040	2050
North Atlantic	Africa	199,169	261,754	237,220	259,667	267,395	208,535	173,102	148,005	128,029	119,637	118,056
North Atlantic	Asia	1,005,659	2,541,699	2,009,207	2,123,838	2,333,659	3,221,687	3,930,236	4,612,456	6,318,394	8,560,432	11,440,307
North Atlantic	Europe	4,061,639	6,416,149	3,491,875	3,863,125	4,341,013	6,066,265	7,511,805	8,936,035	12,445,279	16,977,345	22,830,128
North Atlantic	Mideast	97,058	555,137	595,422	675,683	765,225	978,092	1,128,164	1,278,823	1,665,182	2,216,701	2,999,609
North Atlantic	North America	71,633	120,594	125,786	142,355	160,378	207,295	249,484	288,687	379,961	493,020	631,773
North Atlantic	South America	672,537	3,232,193	2,893,714	3,220,016	3,644,217	5,149,763	6,836,068	8,670,528	13,746,113	21,466,865	32,952,024
North Atlantic	Caribbean	239	3,288	1,628	1,849	2,090	2,648	3,025	3,337	4,021	4,792	5,623
South Atlantic	Africa	49,394	112,430	99,277	111,322	118,453	111,223	108,435	108,056	120,234	137,888	157,191
South Atlantic	Asia	690,735	2,793,812	1,520,772	1,651,010	1,848,856	2,787,391	3,778,184	4,921,148	8,291,515	13,801,940	22,540,166
South Atlantic	Europe	2,445,142	4,316,806	4,222,685	4,525,842	4,940,527	6,789,821	7,794,122	8,761,505	11,421,797	15,244,508	20,482,316
South Atlantic	Mideast	99,471	432,104	887,420	1,010,729	1,150,836	1,450,903	1,636,377	1,801,987	2,170,372	2,593,253	3,060,252
South Atlantic	North America	11,008	65,203	34,917	39,073	43,836	56,304	65,603	74,502	95,562	122,773	157,627
South Atlantic	South America	2,065,184	3,461,586	4,699,182	5,278,139	5,974,972	8,132,617	9,836,410	11,449,746	15,226,804	19,815,828	25,321,418
South Atlantic	Caribbean	15,176	18,793	18,610	21,456	24,719	35,753	47,235	59,684	92,809	140,735	208,187
Gulf Coast	Africa	537,335	1,014,293	736,794	839,996	884,859	705,056	583,262	479,678	389,338	387,804	447,184
Gulf Coast	Asia	1,756,034	8,300,799	4,040,095	4,629,249	5,366,351	8,363,122	10,542,757	12,845,795	18,806,354	27,141,823	38,596,776
Gulf Coast	Europe	6,754,057	8,261,170	3,750,737	4,094,900	4,543,478	6,685,853	8,588,670	10,384,595	14,876,746	20,920,144	28,973,780
Gulf Coast	Mideast	567,653	1,321,404	904,784	1,025,962	1,163,132	1,500,903	1,905,431	2,283,921	3,194,018	4,325,207	5,646,191
Gulf Coast	North America	998,447	1,033,970	589,908	663,111	749,554	1,004,075	1,399,440	1,798,032	2,850,218	4,348,296	6,410,158
Gulf Coast	South America	4,146,420	6,410,065	5,405,693	6,094,589	6,934,324	9,635,901	12,626,436	15,438,853	22,253,661	30,866,067	41,376,831
Gulf Coast	Caribbean	5,488	15,458	30,395	35,122	40,573	57,050	80,777	107,038	180,684	292,361	453,887
South Pacific	Africa	35,723	42,843	21,484	22,894	24,085	25,115	27,056	29,138	34,109	35,376	32,503
South Pacific	Asia	4,924,796	12,483,717	12,374,569	13,236,948	14,574,590	20,258,312	24,445,819	28,434,414	38,236,566	50,893,223	66,705,796
South Pacific	Europe	613,230	1,114,997	907,405	1,042,158	1,199,639	1,707,779	2,082,369	2,479,055	3,503,649	4,927,946	6,879,887
South Pacific	Mideast	5,482	98,127	249,920	291,152	339,036	488,389	645,559	826,064	1,339,641	2,145,270	3,369,063
South Pacific	North America	541,378	554,834	635,996	722,126	820,166	1,102,398	1,544,682	1,992,510	3,182,397	4,885,807	7,233,011
South Pacific	South America	838,682	782,322	910,972	1,029,296	1,175,314	1,644,712	2,160,338	2,637,589	3,775,505	5,178,798	6,820,545
South Pacific	Caribbean	1,995	815	783	882	990	1,331	1,518	1,674	2,031	2,490	3,102
North Pacific	Africa	269	6,745	6,581	7,119	7,475	7,265	7,532	7,853	8,844	8,675	7,175
North Pacific	Asia	1,679,349	2,781,248	2,804,285	3,026,206	3,342,354	4,671,974	5,812,770	6,916,940	9,661,191	13,276,116	17,917,909
North Pacific	Europe	47,557	216,553	148,241	156,724	171,900	235,295	302,844	364,317	499,081	646,199	842,982
North Pacific	Mideast	0	423	7,536	8,453	9,565	13,364	17,002	20,938	30,412	43,720	63,996
North Pacific	North America	372,552	556,057	1,093,572	1,250,397	1,420,252	1,913,134	2,415,228	2,932,951	4,256,728	6,077,165	8,517,428
North Pacific	South America	248,890	76,840	121,065	139,851	161,575	230,806	309,565	381,024	548,769	749,089	971,635
North Pacific	Caribbean	0	21	42	48	54	80	111	145	239	381	586
Great Lakes	Africa	24	3,077	744	799	907	994	1,080	1,159	1,300	1,420	1,532
Great Lakes	Asia	128,506	254,799	22,800	25,522	28,985	43,608	61,799	82,417	143,163	242,291	399,028
Great Lakes	Europe	1,918,118	2,224,251	932,625	1,057,180	1,199,635	1,706,697	2,278,845	2,801,619	4,077,419	5,734,812	7,835,762
Great Lakes	Mideast	106	10,463	7,640	8,856	10,259	15,215	23,366	33,059	63,138	114,661	198,226
Great Lakes	North America	1,992,621	1,948,791	1,997,003	2,212,716	2,443,134	2,913,140	3,094,978	3,222,610	3,464,546	3,698,553	3,921,596
Great Lakes	South America	218,496	350,982	157,867	175,489	199,548	279,571	364,551	444,829	630,342	847,305	1,087,474
Great Lakes	Caribbean	0	0	0	0	0	0	0	0	0	0	0
Total		**39,817,253**	**74,196,613**	**58,697,251**	**64,721,849**	**72,427,909**	**100,409,438**	**124,422,033**	**148,062,718**	**208,116,165**	**289,486,714**	**397,618,719**
Average Annual Growth Rate			**13.26%**	**-7.51%**	**10.26%**	**11.91%**	**6.75%**	**4.38%**	**3.54%**	**3.46%**	**3.36%**	**3.22%**

US Commodity Forecast For MATERIALS
Sorted by DESTINATION, by Major Region, 1995-2050, Selected Years
(METRIC TONNES)

Destination	Origin	1995	2000	2003	2004	2005	2010	2015	2020	2030	2040	2050
North Atlantic	Africa	14,329	14,524	18,312	16,978	16,405	17,539	18,318	18,969	20,749	23,008	25,542
North Atlantic	Asia	502,197	819,450	1,109,117	1,155,331	1,215,434	1,446,426	1,583,039	1,693,893	1,974,061	2,308,235	2,606,974
North Atlantic	Europe	1,406,655	1,905,316	2,440,549	2,471,838	2,582,976	2,786,401	2,923,025	3,101,161	3,585,250	4,170,108	4,797,294
North Atlantic	Mideast	17,869	57,503	81,219	88,415	94,459	112,389	119,897	129,547	154,855	189,426	234,722
North Atlantic	North America	203,993	231,627	218,115	247,256	266,925	323,937	354,738	373,464	412,427	453,337	494,190
North Atlantic	South America	650,638	776,527	1,064,723	1,059,265	1,084,236	1,305,306	1,412,559	1,537,039	1,863,415	2,301,259	2,863,861
North Atlantic	Caribbean	320	1,951	2,986	3,051	3,237	3,585	4,064	4,513	5,643	7,220	9,421
South Atlantic	Africa	9,943	18,239	22,177	21,004	20,709	19,603	19,818	20,898	24,379	29,682	36,915
South Atlantic	Asia	319,023	573,118	784,418	802,536	836,801	978,850	1,074,583	1,175,574	1,445,707	1,795,414	2,154,977
South Atlantic	Europe	325,525	529,342	820,288	810,163	825,978	876,551	886,941	903,556	984,639	1,115,876	1,297,671
South Atlantic	Mideast	16,638	55,958	72,061	77,337	83,634	100,778	108,972	118,818	145,541	182,803	231,825
South Atlantic	North America	139,294	215,366	179,630	203,745	220,039	267,261	292,867	308,467	340,824	374,779	408,737
South Atlantic	South America	341,617	604,189	755,214	775,586	821,176	1,116,162	1,209,670	1,266,553	1,360,381	1,445,408	1,529,887
South Atlantic	Caribbean	44,069	43,794	58,746	55,191	54,753	60,518	65,677	69,921	78,288	87,437	97,902
Gulf Coast	Africa	64,353	9,123	16,442	14,850	13,986	14,977	15,392	15,755	16,964	18,608	20,449
Gulf Coast	Asia	173,809	182,301	169,965	182,738	194,923	237,430	257,922	270,673	296,066	324,110	348,598
Gulf Coast	Europe	160,111	250,158	278,310	260,973	253,376	280,825	287,683	292,475	315,474	350,560	395,602
Gulf Coast	Mideast	2,274	4,859	6,648	7,016	7,668	9,652	10,733	11,865	14,750	18,631	23,655
Gulf Coast	North America	34,790	14,943	28,966	28,379	28,922	26,906	26,619	27,349	29,433	32,633	37,446
Gulf Coast	South America	242,888	445,157	937,517	921,107	921,851	1,012,301	983,627	958,202	932,975	941,358	966,703
Gulf Coast	Caribbean	6,182	5,627	11,137	10,577	10,556	10,792	11,178	11,697	12,721	13,848	15,219
South Pacific	Africa	58	892	1,512	1,463	1,493	2,031	2,518	2,979	4,110	5,650	7,754
South Pacific	Asia	1,613,487	3,127,114	3,953,390	3,935,955	4,039,334	4,528,705	4,836,673	5,099,424	5,941,797	7,089,929	8,481,047
South Pacific	Europe	149,991	237,986	210,268	201,090	198,435	215,378	220,524	225,855	255,647	305,211	374,323
South Pacific	Mideast	1,250	8,080	12,506	12,777	13,187	16,105	17,411	18,612	21,391	24,857	29,161
South Pacific	North America	355,743	305,498	261,487	296,824	320,690	389,913	427,350	450,164	497,403	546,832	596,134
South Pacific	South America	109,358	116,715	123,403	116,245	115,588	152,050	173,676	190,530	226,182	267,828	317,910
South Pacific	Caribbean	1,795	1,682	4,384	4,297	4,423	4,955	5,487	5,860	6,635	7,516	8,537
North Pacific	Africa	26	27	200	190	189	195	208	230	285	359	464
North Pacific	Asia	366,802	638,755	844,631	825,850	831,166	879,631	914,522	954,155	1,104,560	1,315,264	1,573,458
North Pacific	Europe	3,150	9,926	7,060	6,592	6,514	7,654	8,470	9,379	11,824	15,186	19,712
North Pacific	Mideast	0	422	984	920	917	1,308	1,590	1,832	2,367	3,014	3,806
North Pacific	North America	393,996	179,816	52,272	47,391	42,943	31,606	24,980	18,508	11,615	9,543	9,316
North Pacific	South America	10,122	36,584	22,022	20,238	19,707	26,454	31,094	34,930	43,327	53,329	65,396
North Pacific	Caribbean	0	120	117	114	117	132	147	157	178	202	230
Great Lakes	Africa	2	70	18	17	17	21	24	26	29	32	35
Great Lakes	Asia	1,608	4,006	9,473	8,915	8,486	7,410	7,132	8,270	11,273	13,246	12,259
Great Lakes	Europe	17,783	25,795	146,388	134,194	123,121	85,563	57,298	39,975	18,440	9,197	5,369
Great Lakes	Mideast	2	127	67	67	71	92	103	112	135	163	200
Great Lakes	North America	6,651	57	4,323	3,944	3,600	2,781	2,296	1,680	840	461	330
Great Lakes	South America	134	53	3	3	3	4	5	6	8	11	14
Great Lakes	Caribbean	0	0	0	0	0	0	0	0	0	0	0
Total		**7,708,477**	**11,452,795**	**14,731,049**	**14,830,422**	**15,288,045**	**17,360,179**	**18,398,832**	**19,373,071**	**22,172,589**	**25,851,571**	**30,103,047**
Average Annual Growth Rate			**8.24%**	**8.75%**	**0.67%**	**3.09%**	**2.57%**	**1.17%**	**1.04%**	**1.36%**	**1.55%**	**1.53%**

US Commodity Forecast For ALL COMMODITIES
Sorted by DESTINATION, by Major Region, 1995-2050, Selected Years
(METRIC TONNES)

Destination	Origin	1995	2000	2003	2004	2005	2010	2015	2020	2030	2040	2050
North Atlantic	Africa	9,710,130	9,604,922	12,260,142	14,287,698	15,725,261	20,855,774	22,813,749	24,115,787	27,172,984	30,713,394	34,708,691
North Atlantic	Asia	8,578,743	9,896,597	12,987,501	13,468,830	14,519,365	18,577,584	21,119,369	23,566,628	29,827,339	37,934,816	47,990,628
North Atlantic	Europe	15,164,582	27,873,047	33,037,656	36,018,092	38,240,094	45,854,928	51,912,651	57,981,634	74,016,111	95,259,228	122,033,214
North Atlantic	Mideast	593,395	1,142,043	1,501,171	1,675,248	1,849,642	2,267,838	2,570,539	2,861,117	3,553,976	4,440,180	5,579,757
North Atlantic	North America	17,735,161	24,616,678	30,977,371	34,650,309	36,294,560	42,330,964	46,677,265	50,235,302	58,691,693	69,450,554	83,430,744
North Atlantic	South America	28,099,053	34,702,337	34,956,757	37,512,311	39,562,170	45,829,627	50,282,806	54,083,094	63,896,391	77,466,655	96,385,331
North Atlantic	Caribbean	142,715	336,549	292,969	293,707	302,434	360,097	395,034	427,815	496,945	570,148	647,978
South Atlantic	Africa	245,751	484,120	406,065	432,665	471,899	562,162	614,214	659,569	778,302	921,403	1,083,681
South Atlantic	Asia	3,022,497	6,464,596	7,043,515	7,465,238	8,129,331	11,524,486	14,296,967	17,364,640	25,926,009	38,905,434	57,922,317
South Atlantic	Europe	6,488,200	11,169,284	12,931,340	13,557,925	14,406,539	18,142,957	20,255,114	22,169,927	27,353,293	34,546,540	44,001,769
South Atlantic	Mideast	388,985	745,107	1,159,064	1,309,197	1,479,834	1,846,819	2,078,875	2,289,092	2,768,434	3,334,361	3,978,774
South Atlantic	North America	5,937,732	6,554,488	8,154,597	8,374,182	8,008,402	8,233,821	8,317,913	8,352,880	8,566,179	9,048,233	9,966,034
South Atlantic	South America	9,649,545	13,168,052	17,872,386	19,311,076	20,789,950	24,980,210	28,212,218	31,194,100	38,172,370	46,688,585	56,960,970
South Atlantic	Caribbean	334,728	729,691	780,118	788,568	815,837	920,119	1,006,159	1,094,158	1,312,853	1,576,094	1,887,404
Gulf Coast	Africa	7,686,232	8,369,253	8,106,259	9,189,378	9,874,187	11,300,051	11,051,626	10,488,459	9,671,516	9,144,260	8,892,144
Gulf Coast	Asia	8,727,364	16,270,911	11,019,025	11,793,172	12,869,158	16,910,519	19,445,429	21,954,977	28,526,131	37,783,039	50,549,949
Gulf Coast	Europe	13,858,305	23,983,099	27,313,865	29,593,935	31,123,283	36,148,929	39,511,285	41,972,608	48,649,355	57,975,912	70,184,283
Gulf Coast	Mideast	685,753	1,786,257	1,263,634	1,435,341	1,604,515	2,062,241	2,586,079	3,094,306	4,325,372	5,874,048	7,722,591
Gulf Coast	North America	57,429,421	75,243,298	90,041,237	101,566,871	107,912,685	125,687,622	133,776,510	137,969,709	148,984,815	163,143,420	180,735,244
Gulf Coast	South America	81,982,708	93,400,891	91,933,028	101,443,064	108,610,657	125,287,594	133,344,841	137,612,732	148,448,592	162,013,909	178,193,194
Gulf Coast	Caribbean	894,555	1,547,631	1,806,722	1,979,773	2,096,243	2,439,989	2,611,129	2,723,417	3,020,295	3,406,825	3,890,607
South Pacific	Africa	66,999	78,865	1,063,302	1,243,221	1,370,928	1,832,693	2,013,769	2,136,454	2,423,453	2,751,751	3,118,165
South Pacific	Asia	20,284,006	41,972,608	43,338,892	45,812,779	49,616,445	67,408,232	79,639,406	91,759,661	121,583,822	158,975,052	203,690,275
South Pacific	Europe	1,919,621	3,773,182	3,370,019	3,651,839	3,998,636	5,165,532	5,993,703	6,870,090	9,187,204	12,331,936	16,406,167
South Pacific	Mideast	26,612	181,565	321,986	367,986	422,521	594,615	765,613	964,036	1,524,444	2,393,258	3,694,806
South Pacific	North America	3,987,710	6,724,763	9,313,202	10,130,847	10,441,570	12,028,701	13,352,411	14,459,899	17,318,672	21,201,549	26,459,338
South Pacific	South America	6,572,908	10,049,249	10,837,875	12,208,388	13,117,002	15,910,423	17,700,974	19,025,792	22,143,026	25,868,273	30,239,189
South Pacific	Caribbean	166,227	288,194	685,254	717,008	748,616	787,447	847,022	885,522	963,124	1,056,137	1,170,664
North Pacific	Africa	1,198	7,893	8,074	8,726	9,226	9,620	10,329	11,126	13,249	14,466	14,600
North Pacific	Asia	8,525,799	10,838,233	9,669,812	10,279,840	11,167,292	15,347,721	18,350,658	21,297,244	28,559,308	37,721,834	48,799,133
North Pacific	Europe	164,465	313,934	341,281	352,413	377,134	462,325	543,493	619,702	800,861	1,000,683	1,262,394
North Pacific	Mideast	157,543	629,472	486,021	561,879	601,281	752,980	919,580	1,096,490	1,560,168	2,257,451	3,381,810
North Pacific	North America	5,535,978	6,374,301	6,705,291	7,257,390	7,530,717	8,933,842	10,312,148	11,695,412	14,989,817	19,129,645	24,259,894
North Pacific	South America	1,028,620	1,672,264	2,206,078	2,489,944	2,671,813	3,200,504	3,519,826	3,741,438	4,270,979	4,903,269	5,637,009
North Pacific	Caribbean	31,536	32,441	22,289	22,930	23,882	24,091	24,794	25,213	26,152	27,534	29,384
Great Lakes	Africa	138,323	125,679	130,775	130,869	131,027	131,317	131,513	131,692	132,041	132,385	132,723
Great Lakes	Asia	360,791	727,343	200,051	214,426	236,231	336,868	410,563	490,729	712,621	1,046,378	1,536,310
Great Lakes	Europe	2,116,412	2,422,363	1,328,080	1,449,425	1,596,065	2,116,398	2,691,363	3,222,097	4,539,162	6,266,163	8,446,878
Great Lakes	Mideast	206	17,898	8,882	10,053	11,571	17,191	25,868	36,098	67,566	121,007	207,118
Great Lakes	North America	12,604,672	14,729,609	16,754,846	17,727,701	18,097,746	19,967,680	20,443,999	20,580,016	21,009,377	21,626,634	22,418,339
Great Lakes	South America	1,233,949	838,821	870,486	864,000	975,465	1,252,247	1,397,386	1,505,890	1,766,871	2,078,884	2,431,474
Great Lakes	Caribbean	21	40	3	3	3	3	3	3	3	3	3
Total		**342,279,150**	**469,887,568**	**513,506,921**	**561,648,246**	**597,831,216**	**718,404,761**	**791,974,192**	**852,766,555**	**1,007,750,872**	**1,211,101,330**	**1,470,080,976**
Average Annual Growth Rate			**6.54%**	**3.00%**	**9.38%**	**6.44%**	**3.74%**	**1.97%**	**1.49%**	**1.68%**	**1.86%**	**1.96%**

Containerized U.S. Commodity by Origin (Metric Tonnes)

Containerized US Commodity Forecast For AGRICULTURE COMMODITIES
Sorted by ORIGIN, by Major Region, 1995-2050, Selected Years
(METRIC TONNES)

Origin	Destination	1995	2000	2003	2004	2005	2010	2015	2020	2030	2040	2050
North Atlantic	Africa	5,191	6,326	5,691	5,555	5,332	5,237	4,948	4,830	4,414	4,047	3,718
North Atlantic	Asia	306,726	177,022	171,956	189,626	200,714	222,602	244,831	268,741	312,908	347,163	367,800
North Atlantic	Europe	487,838	486,583	202,881	217,534	222,397	220,777	232,960	244,260	265,832	293,506	330,703
North Atlantic	Mideast	14,585	17,602	20,096	22,033	23,594	35,513	40,168	44,856	54,982	66,264	78,530
North Atlantic	North America	939	612	92	85	82	66	52	46	35	29	25
North Atlantic	South America	41,161	27,516	30,466	31,762	32,656	37,476	39,434	44,367	50,432	56,487	62,716
North Atlantic	Caribbean	3,058	4,288	4,828	5,241	5,625	7,380	8,139	8,776	9,904	10,938	11,903
South Atlantic	Africa	1,311	1,752	1,030	1,038	997	1,002	959	929	879	842	816
South Atlantic	Asia	178,945	128,982	718,200	783,559	806,675	803,767	834,998	867,926	946,940	1,030,991	1,120,111
South Atlantic	Europe	209,907	188,043	184,800	203,244	192,897	145,109	126,981	117,253	107,918	109,680	119,160
South Atlantic	Mideast	4,511	18,712	126,221	129,755	130,096	166,066	188,854	209,812	257,748	313,323	373,806
South Atlantic	North America	1,400	1,036	607	581	589	655	678	705	768	843	923
South Atlantic	South America	61,075	36,744	41,240	41,186	42,894	48,722	51,842	55,719	62,851	70,427	78,692
South Atlantic	Caribbean	8,948	6,969	18,146	18,987	19,826	23,173	24,874	25,904	27,137	27,880	28,344
Gulf Coast	Africa	3,262	2,051	4,696	4,870	4,779	5,005	5,092	5,311	5,562	5,818	6,113
Gulf Coast	Asia	86,867	27,095	110,988	117,891	120,350	132,114	147,682	160,595	190,542	227,954	271,609
Gulf Coast	Europe	338,066	308,562	308,248	322,815	320,552	333,668	348,879	364,180	392,425	425,398	463,158
Gulf Coast	Mideast	43,012	177,492	251,171	258,293	259,245	332,124	378,441	421,128	518,877	632,381	756,089
Gulf Coast	North America	518	5,075	4,367	4,206	4,266	4,834	5,160	5,597	6,430	7,374	8,364
Gulf Coast	South America	115,966	105,934	180,309	176,276	180,429	193,111	197,965	203,589	211,173	218,182	225,843
Gulf Coast	Caribbean	85,062	133,480	131,360	136,634	141,575	154,830	163,703	169,227	176,754	181,603	184,530
South Pacific	Africa	279	790	1,342	1,277	1,252	1,792	1,951	2,102	2,373	2,646	2,923
South Pacific	Asia	1,991,264	1,443,891	1,918,519	2,055,959	2,098,794	2,470,843	2,721,782	2,975,169	3,618,870	4,544,917	5,759,956
South Pacific	Europe	197,348	212,575	187,573	184,913	170,464	195,579	207,813	217,810	239,413	263,738	289,783
South Pacific	Mideast	13,868	39,039	39,489	40,580	40,946	53,125	59,988	66,951	82,609	100,511	119,950
South Pacific	North America	521	1,249	4,951	5,133	5,325	6,424	6,640	6,842	7,443	8,250	9,208
South Pacific	South America	41,179	82,565	49,227	51,433	54,498	69,651	78,881	88,089	106,072	124,649	144,154
South Pacific	Caribbean	10,784	21,640	22,314	24,140	25,846	33,560	36,871	39,529	44,167	48,333	52,173
North Pacific	Africa	480	287	10,447	10,187	10,038	10,697	11,273	11,559	11,774	11,848	11,916
North Pacific	Asia	1,703,450	1,195,791	1,037,960	1,154,855	1,195,536	1,494,182	1,642,943	1,766,372	2,084,266	2,323,956	2,930,546
North Pacific	Europe	67,180	46,672	45,964	49,989	50,718	50,162	51,696	53,852	57,803	62,504	67,731
North Pacific	Mideast	79	782	1,986	2,020	2,142	2,728	3,127	3,541	4,350	5,207	6,111
North Pacific	North America	436	3,910	152	141	135	182	201	217	250	283	318
North Pacific	South America	44,293	33,937	51,291	52,933	54,646	63,175	68,377	73,306	81,962	90,208	98,358
North Pacific	Caribbean	151	9,704	5,337	5,765	6,163	7,899	8,662	9,295	10,428	11,462	12,420
Great Lakes	Africa	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	Asia	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	Europe	0	0	41	41	40	36	33	41	41	41	41
Great Lakes	Mideast	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	North America	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	South America	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	Caribbean	0	0	0	0	0	0	0	0	0	0	0
Total		**6,069,662**	**4,954,709**	**5,893,986**	**6,310,535**	**6,432,112**	**7,333,268**	**7,946,882**	**8,538,429**	**9,956,334**	**11,629,681**	**13,998,542**
Average Annual Growth Rate			**-3.98%**	**5.96%**	**7.07%**	**1.93%**	**2.66%**	**1.62%**	**1.45%**	**1.55%**	**1.57%**	**1.87%**

Containerized US Commodity Forecast For CAPITAL EQUIPMENT
Sorted by ORIGIN, by Major Region, 1995-2050, Selected Years
(METRIC TONNES)

Origin	Destination	1995	2000	2003	2004	2005	2010	2015	2020	2030	2040	2050
North Atlantic	Africa	46,227	28,228	38,105	37,256	38,380	46,166	51,906	55,382	61,768	67,547	73,327
North Atlantic	Asia	170,120	116,563	167,450	180,634	189,018	252,158	329,573	419,520	677,304	1,099,888	1,817,977
North Atlantic	Europe	347,995	308,291	303,096	316,458	328,772	403,752	463,960	520,794	658,427	849,919	1,108,129
North Atlantic	Mideast	33,975	36,521	31,646	32,473	33,821	41,178	46,891	51,260	59,540	67,223	74,847
North Atlantic	North America	357	781	513	546	548	668	724	768	864	982	1,132
North Atlantic	South America	171,959	127,940	95,497	103,909	105,721	125,479	140,100	149,995	172,264	197,651	225,560
North Atlantic	Caribbean	994	1,678	4,010	3,884	3,779	3,408	3,007	2,737	2,525	2,599	2,810
South Atlantic	Africa	6,551	5,699	7,453	7,511	7,796	9,197	10,164	10,893	12,483	14,349	16,572
South Atlantic	Asia	108,381	64,127	77,719	83,001	86,147	105,257	127,767	154,036	231,026	366,836	623,079
South Atlantic	Europe	141,497	200,360	167,691	175,531	182,860	223,872	254,988	283,077	349,571	438,372	552,947
South Atlantic	Mideast	13,805	21,226	13,341	13,655	14,206	17,240	19,756	21,625	25,025	28,005	30,847
South Atlantic	North America	2,405	6,636	7,408	8,206	8,667	10,609	12,023	12,937	14,710	16,286	17,718
South Atlantic	South America	305,722	313,707	234,172	251,881	257,096	300,732	335,134	358,475	409,855	468,798	535,495
South Atlantic	Caribbean	48,042	52,517	54,502	53,635	53,157	51,443	47,119	44,237	42,278	43,749	46,856
Gulf Coast	Africa	3,231	7,789	14,363	15,331	16,411	23,904	34,935	52,121	119,837	246,850	430,100
Gulf Coast	Asia	47,406	23,314	34,565	36,087	37,121	44,633	54,503	66,429	101,342	159,767	261,797
Gulf Coast	Europe	73,010	83,995	93,692	98,624	103,080	125,454	145,764	169,223	255,387	439,378	742,162
Gulf Coast	Mideast	2,943	3,483	5,755	6,001	6,387	7,683	8,787	9,707	11,632	13,603	15,612
Gulf Coast	North America	5,740	14,380	8,585	9,649	10,157	12,969	15,193	16,636	19,260	21,474	23,363
Gulf Coast	South America	177,545	155,859	140,415	150,906	153,380	179,824	200,268	214,750	245,952	279,626	314,973
Gulf Coast	Caribbean	19,856	16,727	23,772	24,274	24,977	28,872	29,943	31,000	34,467	39,838	46,564
South Pacific	Africa	164	415	772	771	780	936	1,063	1,145	1,284	1,390	1,477
South Pacific	Asia	756,639	686,615	649,248	698,208	733,543	927,107	1,165,594	1,444,738	2,246,361	3,609,129	6,135,901
South Pacific	Europe	21,555	22,355	20,779	21,674	22,666	27,090	30,712	34,416	44,628	61,111	84,959
South Pacific	Mideast	859	790	758	775	802	989	1,122	1,215	1,383	1,526	1,656
South Pacific	North America	188	3,307	638	720	772	1,042	1,285	1,448	1,732	1,968	2,174
South Pacific	South America	14,603	11,618	8,654	9,165	9,261	10,823	12,299	13,667	17,274	22,042	27,630
South Pacific	Caribbean	1,046	1,490	2,450	2,373	2,311	2,056	1,793	1,606	1,429	1,429	1,512
North Pacific	Africa	164	533	209	209	214	262	303	328	368	395	415
North Pacific	Asia	210,804	181,006	203,313	214,056	228,593	267,896	323,145	384,335	539,633	750,120	1,044,648
North Pacific	Europe	7,504	23,255	14,361	15,055	15,986	20,299	23,748	27,625	40,760	66,487	107,012
North Pacific	Mideast	97	115	77	80	85	108	129	148	185	222	260
North Pacific	North America	36	1,673	902	1,018	1,142	1,584	1,823	2,044	2,559	3,170	3,873
North Pacific	South America	5,307	3,853	1,932	2,132	2,072	2,334	2,575	2,752	3,131	3,494	3,795
North Pacific	Caribbean	59	55	24	26	29	44	52	59	73	88	107
Great Lakes	Africa	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	Asia	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	Europe	0	0	3,182	3,347	3,627	5,707	7,020	7,339	8,117	8,946	9,720
Great Lakes	Mideast	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	North America	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	South America	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	Caribbean	0	0	0	0	0	0	0	0	0	0	0
Total		**2,746,787**	**2,526,898**	**2,431,049**	**2,579,059**	**2,683,364**	**3,282,776**	**3,905,172**	**4,568,466**	**6,414,430**	**9,394,260**	**14,387,005**
Average Annual Growth Rate			**-1.65%**	**-1.28%**	**6.09%**	**4.04%**	**4.11%**	**3.53%**	**3.19%**	**3.45%**	**3.89%**	**4.35%**

Containerized US Commodity Forecast For CHEMICALS
Sorted by ORIGIN, by Major Region, 1995-2050, Selected Years
(METRIC TONNES)

Origin	Destination	1995	2000	2003	2004	2005	2010	2015	2020	2030	2040	2050
North Atlantic	Africa	25,565	19,506	20,510	19,960	20,264	23,200	26,207	29,376	36,634	45,863	58,120
North Atlantic	Asia	396,276	477,650	668,090	681,995	701,793	821,087	977,180	1,207,824	2,016,828	3,774,848	7,658,047
North Atlantic	Europe	652,648	784,611	848,285	834,339	817,114	944,291	1,062,593	1,179,662	1,479,943	1,909,481	2,560,074
North Atlantic	Mideast	53,316	47,284	41,069	41,879	42,818	48,066	53,580	60,352	77,179	100,066	130,829
North Atlantic	North America	1,864	1,735	4,553	4,968	5,123	5,914	6,698	7,522	9,516	12,012	14,833
North Atlantic	South America	229,899	274,335	250,432	263,054	266,637	307,637	348,443	391,806	514,597	704,338	968,727
North Atlantic	Caribbean	6,112	8,417	10,838	11,148	11,467	13,287	15,494	18,234	25,814	35,553	46,229
South Atlantic	Africa	21,985	34,424	22,078	21,485	22,002	25,357	29,207	33,569	44,974	62,556	91,419
South Atlantic	Asia	519,536	344,013	516,542	519,753	536,731	624,497	723,450	863,309	1,303,015	2,150,991	3,866,762
South Atlantic	Europe	329,087	428,183	448,567	434,989	423,410	504,302	577,308	652,239	868,182	1,233,974	1,803,927
South Atlantic	Mideast	24,765	38,798	27,539	28,107	29,224	32,294	35,868	40,301	51,602	67,910	90,910
South Atlantic	North America	12,998	17,249	54,815	57,792	58,840	65,956	73,161	78,089	88,339	98,757	109,528
South Atlantic	South America	343,730	439,761	461,516	484,839	497,388	597,048	723,283	895,292	1,538,482	2,772,288	4,636,931
South Atlantic	Caribbean	32,276	34,987	55,078	56,563	58,087	66,762	77,180	89,780	123,722	165,914	210,835
Gulf Coast	Africa	47,581	88,184	72,779	71,915	71,470	78,730	86,332	96,385	125,231	175,442	274,142
Gulf Coast	Asia	601,880	414,401	605,334	638,858	652,425	702,648	784,893	925,119	1,430,701	2,519,223	4,748,277
Gulf Coast	Europe	1,033,931	1,570,488	1,782,230	1,753,073	1,704,913	1,912,216	2,106,333	2,287,312	2,745,327	3,370,483	4,328,180
Gulf Coast	Mideast	94,160	128,779	189,486	193,547	198,034	212,176	228,828	250,709	302,874	368,617	450,967
Gulf Coast	North America	27,823	112,439	124,142	134,195	138,212	160,153	182,063	203,713	254,645	316,685	387,025
Gulf Coast	South America	1,142,551	1,456,189	1,403,320	1,490,913	1,508,371	1,711,900	1,950,901	2,250,010	3,260,077	5,149,613	8,127,454
Gulf Coast	Caribbean	191,081	223,545	266,860	276,233	285,709	337,488	396,389	464,265	636,366	836,568	1,038,341
South Pacific	Africa	3,093	2,194	3,010	2,920	2,888	3,430	4,011	4,640	6,050	7,729	9,710
South Pacific	Asia	3,083,603	3,123,704	3,379,996	3,446,899	3,561,297	4,165,142	4,910,123	5,946,840	9,336,719	16,185,852	30,608,347
South Pacific	Europe	49,874	29,790	23,497	23,458	23,350	27,559	31,830	36,219	47,381	63,334	86,073
South Pacific	Mideast	1,109	558	487	494	507	559	614	677	823	1,009	1,242
South Pacific	North America	466	137	74	78	82	101	120	137	174	218	269
South Pacific	South America	22,862	33,285	31,043	34,487	34,898	39,554	43,956	48,586	62,171	84,461	116,165
South Pacific	Caribbean	2,226	4,511	3,166	3,324	3,476	4,266	5,098	5,913	7,942	10,589	13,697
North Pacific	Africa	1,416	453	153	150	150	173	194	215	261	315	377
North Pacific	Asia	907,044	755,505	795,842	813,014	823,861	957,197	1,099,043	1,278,399	1,821,171	2,841,089	4,891,287
North Pacific	Europe	2,134	7,547	10,306	10,443	10,664	12,208	13,708	15,175	18,859	24,136	32,141
North Pacific	Mideast	635	437	724	734	748	835	909	979	1,135	1,318	1,529
North Pacific	North America	392	3,097	511	515	539	720	896	1,056	1,387	1,752	2,161
North Pacific	South America	17,047	11,052	14,294	15,905	16,119	18,336	20,365	22,337	27,621	36,362	50,025
North Pacific	Caribbean	408	1,522	1,122	1,180	1,235	1,515	1,791	2,013	2,473	3,014	3,637
Great Lakes	Africa	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	Asia	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	Europe	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	Mideast	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	North America	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	South America	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	Caribbean	0	0	0	0	0	0	0	0	0	0	0
Total		**9,881,372**	**10,918,770**	**12,138,289**	**12,373,202**	**12,529,844**	**14,426,603**	**16,598,049**	**19,388,055**	**28,268,216**	**45,132,360**	**77,418,216**
Average Annual Growth Rate			**2.02%**	**3.59%**	**1.94%**	**1.27%**	**2.86%**	**2.84%**	**3.16%**	**3.84%**	**4.79%**	**5.54%**

Containerized US Commodity Forecast For CONSUMER GOODS
Sorted by ORIGIN, by Major Region, 1995-2050, Selected Years
(METRIC TONNES)

Origin	Destination	1995	2000	2003	2004	2005	2010	2015	2020	2030	2040	2050
North Atlantic	Africa	8,314	6,323	6,959	6,590	6,906	8,132	9,301	10,540	14,370	21,540	34,157
North Atlantic	Asia	54,205	46,151	62,238	66,813	70,491	90,860	117,120	154,390	284,059	542,899	1,043,642
North Atlantic	Europe	103,625	120,360	129,322	133,788	137,944	161,210	184,263	218,391	338,203	592,039	1,134,259
North Atlantic	Mideast	8,617	13,468	11,025	11,417	12,093	15,303	18,544	21,835	30,293	42,442	58,854
North Atlantic	North America	173	60	1,621	1,627	1,642	1,694	1,688	1,707	1,835	2,042	2,324
North Atlantic	South America	51,655	61,041	44,982	47,345	49,130	59,225	68,112	75,933	94,446	118,528	149,100
North Atlantic	Caribbean	1,529	4,586	5,717	5,887	6,061	6,824	7,347	7,973	9,569	11,512	13,584
South Atlantic	Africa	1,606	2,217	1,536	1,473	1,535	1,909	2,234	2,591	3,643	5,605	9,103
South Atlantic	Asia	25,521	24,925	40,260	43,085	45,745	57,973	72,735	93,165	162,537	300,910	572,247
South Atlantic	Europe	35,362	39,822	40,304	41,597	42,698	48,257	53,152	59,992	81,503	122,242	201,946
South Atlantic	Mideast	2,872	4,594	3,311	3,475	3,771	5,004	6,276	7,584	11,038	16,267	23,601
South Atlantic	North America	2,166	3,778	2,301	2,471	2,585	3,205	3,793	4,380	5,717	7,423	9,641
South Atlantic	South America	146,164	153,648	108,881	111,193	112,317	117,754	125,190	129,367	144,267	168,542	202,445
South Atlantic	Caribbean	100,173	264,682	133,350	137,686	141,552	154,780	165,663	177,126	202,974	234,617	269,947
Gulf Coast	Africa	472	3,579	2,279	2,162	2,290	2,907	3,435	4,030	5,845	9,313	15,536
Gulf Coast	Asia	3,398	9,586	5,263	5,674	5,955	8,097	10,428	13,354	22,424	38,662	68,095
Gulf Coast	Europe	21,014	32,466	41,771	42,988	44,002	49,119	54,372	63,542	97,476	171,882	335,007
Gulf Coast	Mideast	1,025	1,517	2,117	2,221	2,392	3,107	3,826	4,559	6,466	9,217	12,882
Gulf Coast	North America	1,701	14,191	29,928	29,065	28,230	28,166	26,359	26,885	24,551	21,349	20,486
Gulf Coast	South America	35,738	40,943	35,149	37,193	38,754	47,355	54,597	60,583	74,340	91,643	113,078
Gulf Coast	Caribbean	18,316	65,838	55,192	56,931	58,475	63,644	67,876	71,908	79,521	87,244	94,738
South Pacific	Africa	139	300	461	444	462	592	713	856	1,306	2,189	3,804
South Pacific	Asia	356,329	359,390	344,132	369,857	391,056	491,456	622,202	805,205	1,437,446	2,697,285	5,140,877
South Pacific	Europe	14,296	12,924	10,835	11,258	11,615	12,990	14,724	18,111	30,907	59,832	127,538
South Pacific	Mideast	850	801	471	481	502	614	725	840	1,140	1,562	2,128
South Pacific	North America	151	10,820	561	629	667	851	1,009	1,157	1,479	1,872	2,383
South Pacific	South America	18,881	13,896	11,969	12,615	13,013	15,434	17,473	19,171	23,161	28,342	35,324
South Pacific	Caribbean	1,818	3,356	8,363	8,599	8,811	9,562	10,092	10,672	11,977	13,499	15,126
North Pacific	Africa	28	21	153	144	139	114	101	91	81	76	73
North Pacific	Asia	75,669	61,862	63,533	68,909	73,692	92,602	121,286	164,861	322,462	661,744	1,396,987
North Pacific	Europe	1,726	922	1,122	1,191	1,256	1,495	1,880	2,647	5,719	13,082	31,248
North Pacific	Mideast	3	42	30	31	33	43	53	64	91	132	188
North Pacific	North America	163	196	40	42	46	55	61	68	88	111	139
North Pacific	South America	291	313	185	199	203	246	292	337	445	586	767
North Pacific	Caribbean	29	20	44	49	54	76	81	86	98	112	127
Great Lakes	Africa	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	Asia	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	Europe	0	0	82	87	100	135	155	175	226	295	391
Great Lakes	Mideast	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	North America	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	South America	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	Caribbean	0	0	0	0	0	0	0	0	0	0	0
Total		**1,094,018**	**1,378,637**	**1,205,485**	**1,265,215**	**1,316,215**	**1,560,791**	**1,847,160**	**2,234,178**	**3,531,703**	**6,096,637**	**11,141,772**
Average Annual Growth Rate			**4.73%**	**-4.38%**	**4.95%**	**4.03%**	**3.47%**	**3.43%**	**3.88%**	**4.69%**	**5.61%**	**6.22%**

Containerized US Commodity Forecast For EXTRACTIVE COMMODITIES
Sorted by ORIGIN, by Major Region, 1995-2050, Selected Years
(METRIC TONNES)

Origin	Destination	1995	2000	2003	2004	2005	2010	2015	2020	2030	2040	2050
North Atlantic	Africa	7,059	3,882	200	208	203	255	271	293	333	372	412
North Atlantic	Asia	242,965	265,967	605,116	669,980	685,366	788,005	835,178	887,107	1,012,870	1,114,554	1,191,395
North Atlantic	Europe	144,642	80,821	93,647	92,242	92,751	89,859	85,900	83,012	78,089	73,859	70,142
North Atlantic	Mideast	4,812	8,441	3,923	3,744	3,869	3,442	3,434	3,535	3,774	4,053	4,402
North Atlantic	North America	117	435	622	600	617	732	791	845	990	1,148	1,316
North Atlantic	South America	35,550	29,716	66,265	66,653	67,030	69,180	70,808	71,669	74,185	77,389	81,124
North Atlantic	Caribbean	1,723	377	6,412	5,712	5,664	5,804	5,895	5,761	5,609	5,529	5,617
South Atlantic	Africa	7,989	2,867	2,024	1,835	1,665	2,229	2,375	2,550	2,909	3,253	3,603
South Atlantic	Asia	646,520	1,022,957	1,098,872	1,136,138	1,160,062	1,234,666	1,286,196	1,343,951	1,511,364	1,736,422	2,053,379
South Atlantic	Europe	328,948	264,524	350,855	355,086	357,062	328,616	316,552	309,747	299,781	294,498	293,582
South Atlantic	Mideast	11,928	7,595	10,728	10,349	10,066	14,393	15,452	16,921	20,619	25,327	31,279
South Atlantic	North America	333	4,834	12,241	11,812	12,133	14,408	15,571	16,626	19,495	22,619	25,928
South Atlantic	South America	86,552	74,222	84,943	85,325	85,760	90,606	91,732	92,746	95,422	97,771	99,497
South Atlantic	Caribbean	9,076	2,847	20,629	21,103	21,410	21,920	22,336	22,597	23,067	23,688	24,511
Gulf Coast	Africa	1,312	537	5,369	5,494	5,606	5,721	5,813	5,989	6,470	7,125	7,883
Gulf Coast	Asia	59,312	41,565	64,223	69,581	71,020	75,262	76,720	82,289	95,786	113,116	138,454
Gulf Coast	Europe	48,146	46,251	93,619	91,982	92,162	88,734	84,820	82,423	73,423	70,985	69,309
Gulf Coast	Mideast	770	298	250	251	251	283	299	320	372	438	520
Gulf Coast	North America	463	632	13,535	13,920	14,352	16,042	17,161	18,232	20,790	23,678	26,847
Gulf Coast	South America	119,724	58,999	33,324	34,140	34,729	37,943	39,507	41,209	44,193	46,590	48,526
Gulf Coast	Caribbean	26,605	4,028	31,069	31,954	32,429	33,063	33,561	33,995	34,775	35,783	37,080
South Pacific	Africa	2,965	812	707	647	592	776	823	881	998	1,108	1,220
South Pacific	Asia	928,510	1,117,200	1,088,788	1,194,018	1,207,092	1,334,434	1,391,352	1,468,343	1,663,584	1,855,935	2,065,924
South Pacific	Europe	70,813	55,729	51,297	51,703	52,200	47,346	44,449	42,763	40,197	38,375	37,047
South Pacific	Mideast	910	142	30,326	30,323	30,406	33,292	35,068	37,259	42,674	49,565	57,948
South Pacific	North America	26	177	12	12	13	16	17	17	18	20	22
South Pacific	South America	10,583	5,966	4,459	4,562	4,552	4,748	4,833	4,941	5,096	5,203	5,275
South Pacific	Caribbean	1,239	228	1,931	2,104	2,131	2,002	1,868	1,929	2,042	2,172	2,314
North Pacific	Africa	0	0	4	4	3	4	5	5	6	6	7
North Pacific	Asia	428,298	393,826	550,417	597,349	610,991	664,133	688,418	717,111	796,582	877,763	969,741
North Pacific	Europe	6,566	7,338	2,570	2,645	2,682	2,450	2,329	2,256	2,129	2,015	1,913
North Pacific	Mideast	14	0	0	0	0	0	0	0	0	0	0
North Pacific	North America	3,314	326	255	251	281	342	358	370	397	430	466
North Pacific	South America	2,399	2,284	1,285	1,348	1,377	1,538	1,673	1,809	2,042	2,229	2,387
North Pacific	Caribbean	0	4	9	9	9	9	9	10	10	10	10
Great Lakes	Africa	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	Asia	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	Europe	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	Mideast	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	North America	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	South America	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	Caribbean	0	0	0	0	0	0	0	0	0	0	0
Total		**3,240,185**	**3,505,826**	**4,329,925**	**4,593,085**	**4,666,537**	**5,012,254**	**5,181,573**	**5,399,508**	**5,980,092**	**6,613,030**	**7,359,080**
Average Annual Growth Rate			**1.59%**	**7.29%**	**6.08%**	**1.60%**	**1.44%**	**0.67%**	**0.83%**	**1.03%**	**1.01%**	**1.07%**

Containerized US Commodity Forecast For FOOD
Sorted by ORIGIN, by Major Region, 1995-2050, Selected Years
(METRIC TONNES)

Origin	Destination	1995	2000	2003	2004	2005	2010	2015	2020	2030	2040	2050
North Atlantic	Africa	12,333	12,024	19,785	19,452	19,017	19,529	19,267	19,959	21,808	24,156	26,819
North Atlantic	Asia	288,783	314,953	293,194	303,559	309,874	340,624	355,160	381,577	445,168	524,387	562,758
North Atlantic	Europe	560,196	425,663	366,901	366,604	363,694	346,924	325,312	322,296	338,072	368,903	404,371
North Atlantic	Mideast	47,223	94,785	71,425	72,761	74,637	91,735	101,499	112,609	138,400	167,027	196,582
North Atlantic	North America	2,962	3,301	4,019	3,880	4,012	4,341	4,417	4,911	5,912	6,920	7,896
North Atlantic	South America	158,508	140,448	116,908	124,427	129,794	167,210	185,309	202,463	238,949	278,389	320,043
North Atlantic	Caribbean	5,504	14,496	19,269	19,791	19,896	18,426	16,900	15,873	13,926	12,274	10,979
South Atlantic	Africa	13,237	17,109	6,831	7,195	7,401	9,003	9,392	10,400	12,554	14,856	17,227
South Atlantic	Asia	285,825	480,460	446,671	471,583	483,934	595,816	655,117	734,902	919,200	1,140,824	1,026,487
South Atlantic	Europe	248,170	220,020	204,012	206,532	202,907	198,811	188,263	186,498	192,463	204,067	216,769
South Atlantic	Mideast	14,153	48,876	59,496	57,279	57,461	83,125	89,951	101,099	128,058	159,278	192,421
South Atlantic	North America	7,053	13,024	10,433	10,885	11,565	16,255	18,740	21,165	26,305	31,755	37,340
South Atlantic	South America	234,530	158,264	121,052	125,910	131,432	166,154	183,426	201,064	239,513	282,153	327,892
South Atlantic	Caribbean	35,995	67,134	79,137	81,919	83,344	83,052	80,228	79,034	76,719	75,464	75,645
Gulf Coast	Africa	3,306	11,581	56,872	53,147	52,584	75,299	85,190	94,604	114,275	134,756	155,346
Gulf Coast	Asia	50,464	62,259	45,455	49,434	53,286	74,640	89,261	105,697	143,167	186,620	225,544
Gulf Coast	Europe	244,567	272,724	236,351	248,816	260,712	290,864	290,464	301,125	334,671	372,766	404,788
Gulf Coast	Mideast	14,798	10,093	27,242	26,619	27,726	47,741	54,348	63,111	82,366	103,406	125,276
Gulf Coast	North America	1,826	13,453	701,277	764,217	822,048	1,182,030	1,376,554	1,561,744	1,954,891	2,371,072	2,795,631
Gulf Coast	South America	359,003	139,775	174,869	181,842	189,298	265,924	305,030	342,641	422,173	506,564	593,763
Gulf Coast	Caribbean	85,324	165,872	192,138	203,838	211,578	228,609	229,626	233,625	242,617	254,299	268,940
South Pacific	Africa	849	1,083	1,819	1,669	1,548	1,905	2,107	2,287	2,631	2,986	3,358
South Pacific	Asia	3,749,682	4,183,361	3,889,010	4,049,306	4,174,935	4,865,982	5,189,171	5,582,214	6,373,210	7,273,112	8,038,026
South Pacific	Europe	187,483	235,129	234,232	236,302	232,233	246,787	247,355	252,077	267,080	285,840	306,900
South Pacific	Mideast	3,799	7,270	8,152	8,122	8,245	10,362	11,714	12,817	15,091	17,579	20,310
South Pacific	North America	2,794	11,250	17,015	18,838	19,681	23,029	25,609	27,714	31,914	36,463	41,436
South Pacific	South America	42,184	34,308	30,869	32,802	34,365	42,256	45,752	49,460	56,782	64,715	73,350
South Pacific	Caribbean	4,724	18,673	15,520	16,083	16,437	16,413	15,898	15,570	14,793	14,124	13,690
North Pacific	Africa	1,288	954	1,749	1,658	1,520	2,008	2,110	2,326	2,756	3,199	3,652
North Pacific	Asia	2,950,136	3,516,241	3,687,195	3,800,735	3,998,024	4,755,808	5,122,937	5,545,918	6,453,751	7,485,610	8,460,065
North Pacific	Europe	110,319	116,793	143,174	150,334	152,595	161,403	150,623	150,694	166,814	186,573	204,479
North Pacific	Mideast	830	2,046	2,624	2,595	2,622	3,002	3,316	3,632	4,281	4,983	5,746
North Pacific	North America	2,772	4,630	4,849	4,786	4,936	5,220	5,304	5,772	6,674	7,579	8,476
North Pacific	South America	28,265	26,211	16,920	17,730	17,917	19,042	20,081	21,461	24,299	27,352	30,798
North Pacific	Caribbean	78	3,716	1,045	1,073	1,103	1,122	1,107	1,105	1,076	1,039	1,009
Great Lakes	Africa	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	Asia	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	Europe	0	0	315	344	387	530	605	696	890	1,099	1,312
Great Lakes	Mideast	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	North America	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	South America	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	Caribbean	0	0	0	0	0	0	0	0	0	0	0
Total		**9,758,962**	**10,847,982**	**11,307,824**	**11,742,067**	**12,182,749**	**14,460,980**	**15,507,144**	**16,770,137**	**19,513,249**	**22,632,188**	**25,205,123**
Average Annual Growth Rate			**2.14%**	**1.39%**	**3.84%**	**3.75%**	**3.49%**	**1.41%**	**1.58%**	**1.53%**	**1.49%**	**1.08%**

Containerized US Commodity Forecast For FUELS
Sorted by ORIGIN, by Major Region, 1995-2050, Selected Years
(METRIC TONNES)

Origin	Destination	1995	2000	2003	2004	2005	2010	2015	2020	2030	2040	2050
North Atlantic	Africa	194	806	436	434	443	400	368	367	366	363	354
North Atlantic	Asia	7,773	11,017	66,795	65,798	64,343	53,023	43,688	38,466	29,135	20,555	13,278
North Atlantic	Europe	9,846	14,609	13,913	14,650	14,362	11,574	9,823	8,632	6,706	5,177	4,017
North Atlantic	Mideast	1,669	1,217	166	160	163	144	135	136	137	135	131
North Atlantic	North America	75	33	13	13	13	12	11	11	11	11	10
North Atlantic	South America	4,116	7,005	18,644	18,652	18,291	16,926	16,049	16,235	16,506	16,532	16,212
North Atlantic	Caribbean	0	179	5	5	5	5	5	5	5	5	5
South Atlantic	Africa	9	20	12	12	13	11	10	10	10	10	10
South Atlantic	Asia	455	1,213	872	859	836	695	576	513	413	335	278
South Atlantic	Europe	417	1,586	1,979	1,979	1,906	1,570	1,303	1,104	797	567	401
South Atlantic	Mideast	5	91	13	13	13	11	11	11	11	11	10
South Atlantic	North America	0	0	0	0	0	0	0	0	0	0	0
South Atlantic	South America	205	1,028	580	583	575	550	536	547	561	565	557
South Atlantic	Caribbean	80	72	116	116	117	119	120	121	121	121	120
Gulf Coast	Africa	395	520	1,781	1,770	1,811	1,633	1,505	1,497	1,496	1,484	1,444
Gulf Coast	Asia	4,033	5,968	8,994	8,729	8,500	6,728	5,271	4,461	3,179	2,133	1,303
Gulf Coast	Europe	3,651	6,308	7,430	7,861	7,743	6,206	5,238	4,579	3,529	2,693	2,059
Gulf Coast	Mideast	2,125	463	586	565	576	516	486	490	494	491	477
Gulf Coast	North America	60	7,014	5,319	5,272	5,336	4,875	4,541	4,531	4,498	4,408	4,222
Gulf Coast	South America	12,806	19,979	30,000	29,884	29,586	28,654	28,254	29,081	30,372	31,234	31,625
Gulf Coast	Caribbean	5,699	8,666	24,117	24,264	24,307	24,767	25,080	25,244	25,299	25,181	24,920
South Pacific	Africa	0	18	13	13	13	12	11	11	11	11	10
South Pacific	Asia	44,412	84,138	124,394	123,596	124,635	126,884	132,760	141,737	181,755	264,362	405,986
South Pacific	Europe	477	238	2,651	2,812	2,778	2,192	1,822	1,559	1,143	807	540
South Pacific	Mideast	0	0	0	0	0	0	0	0	0	0	0
South Pacific	North America	0	20	32	35	33	36	36	37	41	47	57
South Pacific	South America	48	1,926	5,851	5,833	5,789	5,427	5,196	5,256	5,337	5,350	5,263
South Pacific	Caribbean	0	467	7,859	7,907	7,921	8,071	8,173	8,226	8,244	8,206	8,121
North Pacific	Africa	0	17	294	293	299	270	249	247	247	245	239
North Pacific	Asia	17,343	1,883	23,664	23,336	23,502	19,431	16,311	13,532	9,164	5,788	3,335
North Pacific	Europe	65	275	90	90	87	81	80	85	95	109	126
North Pacific	Mideast	0	0	0	0	0	0	0	0	0	0	0
North Pacific	North America	0	382	623	686	637	724	735	763	845	998	1,226
North Pacific	South America	173	131	957	994	1,014	1,123	1,228	1,314	1,455	1,587	1,726
North Pacific	Caribbean	0	14	11,828	11,900	11,921	12,147	12,300	12,380	12,407	12,349	12,222
Great Lakes	Africa	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	Asia	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	Europe	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	Mideast	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	North America	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	South America	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	Caribbean	0	0	0	0	0	0	0	0	0	0	0
Total		**116,132**	**177,302**	**360,027**	**359,112**	**357,567**	**334,819**	**321,911**	**321,188**	**344,391**	**411,869**	**540,282**
Average Annual Growth Rate			**8.83%**	**26.63%**	**-0.25%**	**-0.43%**	**-1.31%**	**-0.78%**	**-0.04%**	**0.70%**	**1.81%**	**2.75%**

Containerized US Commodity Forecast For HI-TECH PRODUCTS
Sorted by ORIGIN, by Major Region, 1995-2050, Selected Years
(METRIC TONNES)

Origin	Destination	1995	2000	2003	2004	2005	2010	2015	2020	2030	2040	2050
North Atlantic	Africa	2,289	1,504	1,348	1,387	1,411	1,779	2,126	2,511	3,577	5,374	8,957
North Atlantic	Asia	16,116	21,479	35,735	38,420	41,334	58,287	79,961	113,882	237,274	507,114	1,110,982
North Atlantic	Europe	47,409	56,749	57,271	57,242	57,638	67,699	75,437	86,334	120,467	182,411	302,919
North Atlantic	Mideast	2,875	6,256	5,920	6,054	6,343	8,307	10,036	11,840	16,052	21,268	27,668
North Atlantic	North America	70	15	15	17	19	28	38	48	78	122	180
North Atlantic	South America	19,486	34,438	25,749	27,908	28,945	37,191	45,428	52,654	69,533	90,422	120,289
North Atlantic	Caribbean	193	271	852	890	933	1,249	1,838	2,954	7,506	18,545	43,067
South Atlantic	Africa	612	615	594	625	656	855	1,095	1,434	2,658	5,387	11,927
South Atlantic	Asia	10,848	6,047	6,265	6,827	7,374	10,709	15,117	21,946	47,273	103,702	229,744
South Atlantic	Europe	9,967	14,650	13,302	13,407	14,140	16,714	18,498	20,618	26,801	37,096	56,754
South Atlantic	Mideast	570	941	821	860	928	1,342	1,795	2,288	3,559	5,230	7,311
South Atlantic	North America	195	1,090	910	1,036	1,124	1,697	2,216	2,704	3,821	5,019	6,240
South Atlantic	South America	73,566	80,139	48,683	52,688	55,576	76,183	100,920	132,958	241,440	466,130	972,250
South Atlantic	Caribbean	9,052	12,226	13,657	14,841	16,210	26,079	43,475	74,601	200,190	500,513	1,160,651
Gulf Coast	Africa	188	849	467	482	492	622	732	835	1,064	1,322	1,613
Gulf Coast	Asia	1,383	1,475	2,169	2,340	2,559	3,994	6,038	9,472	22,912	54,371	127,801
Gulf Coast	Europe	8,869	19,835	14,398	14,416	14,993	17,687	19,831	22,671	32,076	49,942	87,665
Gulf Coast	Mideast	336	366	365	382	412	554	693	837	1,216	1,745	2,471
Gulf Coast	North America	217	558	967	1,084	1,173	1,767	2,342	2,902	4,194	5,638	7,189
Gulf Coast	South America	10,019	11,100	10,095	11,029	11,822	16,067	20,813	24,786	32,807	40,929	51,995
Gulf Coast	Caribbean	658	1,139	1,250	1,343	1,451	2,202	3,409	5,370	12,993	30,508	68,049
South Pacific	Africa	168	44	93	97	101	134	164	191	243	293	342
South Pacific	Asia	155,549	151,852	145,104	156,926	168,253	233,022	314,001	432,175	854,114	1,755,301	3,663,732
South Pacific	Europe	12,369	10,176	9,615	9,583	9,893	11,753	12,953	14,335	18,187	24,039	33,802
South Pacific	Mideast	322	340	297	318	343	464	593	727	1,034	1,378	1,752
South Pacific	North America	170	558	1,187	1,351	1,455	1,901	2,215	2,413	2,779	3,094	3,416
South Pacific	South America	13,593	9,835	4,937	5,239	5,419	6,751	8,260	10,061	15,467	25,005	43,181
South Pacific	Caribbean	261	381	1,518	1,699	1,910	3,316	5,448	8,329	18,744	40,397	83,382
North Pacific	Africa	0	22	10	11	11	15	18	21	27	35	43
North Pacific	Asia	35,459	19,392	20,953	22,624	24,493	32,863	43,598	59,051	111,038	214,301	422,208
North Pacific	Europe	311	2,072	223	228	237	264	289	319	401	507	643
North Pacific	Mideast	10	18	5	5	5	7	8	10	13	17	21
North Pacific	North America	78	17	53	54	50	68	82	101	145	200	267
North Pacific	South America	443	7,353	99	106	111	151	207	293	592	1,168	2,236
North Pacific	Caribbean	33	7	12	14	16	32	63	126	392	1,054	2,546
Great Lakes	Africa	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	Asia	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	Europe	0	0	59	60	64	80	94	109	150	204	274
Great Lakes	Mideast	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	North America	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	South America	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	Caribbean	0	0	0	0	0	0	0	0	0	0	0
Total		**433,681**	**473,808**	**425,001**	**451,593**	**477,895**	**641,832**	**839,831**	**1,121,907**	**2,110,817**	**4,199,781**	**8,663,568**
Average Annual Growth Rate			**1.79%**	**-3.56%**	**6.26%**	**5.82%**	**6.08%**	**5.52%**	**5.96%**	**6.52%**	**7.12%**	**7.51%**

Containerized US Commodity Forecast For INTERMEDIATE MANUFACTURED PRODUCTS
Sorted by ORIGIN, by Major Region, 1995-2050, Selected Years
(METRIC TONNES)

Origin	Destination	1995	2000	2003	2004	2005	2010	2015	2020	2030	2040	2050
North Atlantic	Africa	15,027	15,200	21,820	20,791	19,878	22,988	25,557	27,541	31,400	35,082	38,541
North Atlantic	Asia	255,920	165,094	529,039	548,958	565,169	698,131	858,533	994,687	1,376,050	1,996,397	3,054,464
North Atlantic	Europe	256,167	320,794	526,562	546,168	588,573	759,809	950,498	1,133,391	1,560,001	2,147,988	3,056,315
North Atlantic	Mideast	57,131	41,552	49,700	50,887	49,665	61,377	69,955	76,311	89,855	104,642	120,969
North Atlantic	North America	1,757	290	180	193	203	251	298	330	390	449	509
North Atlantic	South America	177,405	101,042	88,925	95,575	96,145	106,754	117,771	126,925	146,549	168,125	192,221
North Atlantic	Caribbean	2,739	5,003	5,343	5,282	5,252	5,591	6,873	9,504	22,281	53,961	110,106
South Atlantic	Africa	3,386	5,023	5,161	4,778	4,423	5,247	5,891	6,450	7,599	8,714	9,723
South Atlantic	Asia	90,859	122,350	139,609	148,624	155,568	185,146	226,456	271,322	412,835	679,134	1,196,529
South Atlantic	Europe	118,393	146,571	188,131	193,401	196,726	234,859	270,400	306,521	398,746	537,157	766,077
South Atlantic	Mideast	11,943	17,861	16,704	16,801	16,369	19,161	21,605	23,613	28,261	34,165	41,756
South Atlantic	North America	2,850	3,579	2,371	2,603	2,765	3,555	4,468	5,205	6,806	8,701	10,988
South Atlantic	South America	264,175	242,307	192,308	204,830	208,773	239,442	268,398	290,883	336,213	384,317	437,739
South Atlantic	Caribbean	55,007	65,627	61,589	63,355	65,242	80,133	107,584	156,599	382,650	936,150	1,915,277
Gulf Coast	Africa	4,238	8,009	7,404	7,445	7,332	7,433	7,390	7,466	7,656	7,949	8,318
Gulf Coast	Asia	42,850	15,878	142,392	147,822	151,316	184,396	225,855	265,305	383,984	599,843	1,029,080
Gulf Coast	Europe	101,875	106,555	164,650	168,440	176,871	224,244	271,810	312,988	401,973	508,349	641,104
Gulf Coast	Mideast	12,176	10,813	6,993	6,903	6,575	7,605	8,519	9,576	12,385	16,522	22,527
Gulf Coast	North America	8,256	7,300	6,578	7,204	7,626	9,611	11,886	13,598	17,120	20,950	25,226
Gulf Coast	South America	175,657	165,389	109,359	116,757	118,171	129,840	140,603	149,411	166,804	185,179	205,953
Gulf Coast	Caribbean	30,562	38,402	34,592	36,142	37,308	43,470	53,561	70,927	153,100	358,407	724,164
South Pacific	Africa	144	428	284	276	267	288	309	326	362	398	433
South Pacific	Asia	1,127,543	640,412	564,788	598,096	625,570	757,003	935,854	1,142,042	1,804,306	3,084,425	5,593,008
South Pacific	Europe	18,733	16,422	23,900	24,502	25,217	29,977	35,431	40,234	51,087	64,930	84,234
South Pacific	Mideast	2,065	1,013	1,330	1,319	1,284	1,477	1,643	1,808	2,202	2,687	3,271
South Pacific	North America	2,397	5,816	1,181	1,270	1,320	1,601	1,885	2,056	2,370	2,686	3,023
South Pacific	South America	23,131	23,995	18,308	19,008	19,312	21,978	25,208	28,692	37,587	48,248	59,482
South Pacific	Caribbean	2,316	4,961	8,267	8,653	9,100	12,411	18,403	29,193	79,160	201,822	419,056
North Pacific	Africa	0	243	239	243	247	285	327	362	432	504	581
North Pacific	Asia	591,358	177,316	203,736	218,636	229,005	255,026	294,994	343,408	510,951	842,780	1,483,244
North Pacific	Europe	5,189	3,288	2,681	2,781	2,995	4,010	5,064	6,660	12,648	24,963	49,124
North Pacific	Mideast	118	9	7	7	8	9	10	12	14	17	21
North Pacific	North America	1,151	925	11,630	11,678	12,183	14,718	17,029	18,992	23,032	27,449	32,309
North Pacific	South America	2,116	1,085	605	635	638	721	835	924	1,107	1,296	1,500
North Pacific	Caribbean	93	114	34	37	40	63	101	169	482	1,250	2,611
Great Lakes	Africa	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	Asia	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	Europe	42	0	0	0	0	0	0	0	0	0	0
Great Lakes	Mideast	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	North America	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	South America	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	Caribbean	0	0	0	0	0	0	0	0	0	0	0
Total		**3,464,770**	**2,480,665**	**3,136,402**	**3,280,103**	**3,407,135**	**4,128,610**	**4,991,004**	**5,873,427**	**8,468,397**	**13,095,639**	**21,339,483**
Average Annual Growth Rate			**-6.46%**	**8.13%**	**4.58%**	**3.87%**	**3.92%**	**3.87%**	**3.31%**	**3.73%**	**4.46%**	**5.00%**

Containerized US Commodity Forecast For MATERIALS
Sorted by ORIGIN, by Major Region, 1995-2050, Selected Years
(METRIC TONNES)

Origin	Destination	1995	2000	2003	2004	2005	2010	2015	2020	2030	2040	2050
North Atlantic	Africa	33,471	22,889	31,119	30,741	29,167	30,152	31,568	33,815	40,732	53,996	83,011
North Atlantic	Asia	1,518,550	1,601,807	2,691,495	2,701,926	2,593,694	2,164,129	1,886,306	1,818,464	1,714,094	1,685,547	1,710,117
North Atlantic	Europe	857,512	575,967	502,524	527,648	524,784	417,214	377,268	381,816	430,798	579,030	941,941
North Atlantic	Mideast	90,285	103,665	65,269	66,307	67,239	58,857	53,675	53,271	53,399	55,105	58,659
North Atlantic	North America	15,950	8,400	17,701	17,277	17,172	15,599	15,235	15,911	17,143	18,502	20,046
North Atlantic	South America	301,199	304,779	254,988	257,114	250,051	234,629	232,235	239,724	259,651	280,364	300,377
North Atlantic	Caribbean	20,731	31,827	59,879	64,162	69,042	101,698	155,962	228,131	482,724	992,196	1,972,423
South Atlantic	Africa	8,203	12,915	11,124	11,360	11,380	14,709	21,243	33,951	87,270	218,788	550,406
South Atlantic	Asia	1,155,347	1,295,155	1,505,806	1,556,039	1,533,877	1,415,949	1,367,870	1,461,967	1,729,155	2,083,827	2,463,975
South Atlantic	Europe	785,911	988,212	1,021,710	1,086,543	1,116,632	951,725	906,929	951,193	1,071,288	1,246,819	1,488,299
South Atlantic	Mideast	134,884	154,743	172,825	172,012	167,969	167,286	165,053	170,517	184,899	202,717	224,333
South Atlantic	North America	17,736	54,604	18,552	18,857	19,233	19,443	20,654	21,592	23,329	25,648	28,384
South Atlantic	South America	709,528	625,448	529,911	534,966	527,704	518,211	519,031	541,989	605,651	678,822	758,799
South Atlantic	Caribbean	180,973	224,794	387,476	429,609	477,888	804,394	1,350,489	2,069,061	4,641,889	9,848,489	19,924,237
Gulf Coast	Africa	9,804	10,892	15,296	14,989	14,332	14,583	15,890	18,790	31,484	62,747	141,022
Gulf Coast	Asia	326,921	237,040	236,724	238,574	228,214	192,348	173,871	177,924	197,265	229,270	267,530
Gulf Coast	Europe	395,543	403,541	328,834	352,172	362,711	320,530	314,532	333,553	382,422	451,891	545,438
Gulf Coast	Mideast	51,653	66,448	39,550	39,469	38,513	41,294	43,457	46,757	54,374	63,458	74,313
Gulf Coast	North America	14,380	70,147	139,802	141,170	143,794	145,243	153,093	161,056	176,839	195,719	216,433
Gulf Coast	South America	222,932	167,393	147,053	144,983	141,043	130,954	127,433	129,178	137,238	148,180	159,743
Gulf Coast	Caribbean	231,294	318,033	464,921	485,442	508,305	656,100	887,740	1,187,580	2,218,064	4,220,275	8,005,117
South Pacific	Africa	858	1,640	2,051	1,942	1,875	1,728	1,588	1,443	1,339	1,153	992
South Pacific	Asia	3,772,932	3,629,618	5,760,506	5,740,190	5,500,586	4,602,978	3,952,103	3,726,523	3,360,141	3,200,826	3,232,707
South Pacific	Europe	78,044	25,693	12,599	13,409	13,224	10,277	9,003	8,575	7,937	7,673	7,841
South Pacific	Mideast	2,945	2,758	1,281	1,260	1,231	1,244	1,228	1,212	1,239	1,320	1,454
South Pacific	North America	894	2,141	1,352	1,350	1,384	1,509	1,645	1,759	1,993	2,300	2,690
South Pacific	South America	117,182	99,711	109,447	105,218	100,399	82,521	70,134	61,663	51,593	47,197	45,454
South Pacific	Caribbean	6,239	6,496	23,023	25,032	27,340	42,827	68,890	103,774	227,569	477,048	959,022
North Pacific	Africa	500	794	312	311	311	300	279	266	250	244	242
North Pacific	Asia	3,167,194	2,138,845	2,186,659	2,243,087	2,184,200	1,980,415	1,871,666	1,926,520	2,116,171	2,366,826	2,603,442
North Pacific	Europe	26,838	10,803	4,793	4,956	4,976	4,152	3,859	3,912	4,358	5,633	8,624
North Pacific	Mideast	68	18	1,294	1,220	1,130	931	845	735	546	410	319
North Pacific	North America	67	910	7,772	7,773	7,779	7,534	7,881	8,480	9,862	11,456	13,138
North Pacific	South America	12,491	12,742	7,381	7,315	7,139	6,526	6,162	6,173	6,344	6,621	6,956
North Pacific	Caribbean	0	1,297	2,282	2,324	2,367	2,609	2,918	3,305	4,398	6,057	8,671
Great Lakes	Africa	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	Asia	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	Europe	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	Mideast	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	North America	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	South America	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	Caribbean	0	0	0	0	0	0	0	0	0	0	0
Total		**14,269,058**	**13,212,162**	**16,763,311**	**17,046,747**	**16,696,685**	**15,160,598**	**14,817,735**	**15,930,581**	**20,333,451**	**29,476,153**	**46,826,158**
Average Annual Growth Rate			**-1.53%**	**8.26%**	**1.69%**	**-2.05%**	**-1.91%**	**-0.46%**	**1.46%**	**2.47%**	**3.78%**	**4.74%**

Containerized US Commodity Forecast For ALL COMMODITIES
Sorted by ORIGIN, by Major Region, 1995-2050, Selected Years
(METRIC TONNES)

Origin	Destination	1995	2000	2003	2004	2005	2010	2015	2020	2030	2040	2050
North Atlantic	Africa	155,673	116,687	145,972	142,372	141,002	157,838	171,520	184,613	215,401	258,341	327,416
North Atlantic	Asia	3,257,433	3,197,706	5,291,108	5,447,710	5,421,796	5,488,907	5,727,530	6,284,658	8,105,690	11,613,353	18,530,460
North Atlantic	Europe	3,467,878	3,174,448	3,044,402	3,106,671	3,148,029	3,423,110	3,768,017	4,178,586	5,276,538	7,002,312	9,912,869
North Atlantic	Mideast	314,488	370,792	300,239	307,715	314,243	363,922	397,917	436,004	523,612	628,225	751,472
North Atlantic	North America	24,263	15,661	29,329	29,206	29,430	29,306	29,953	32,099	36,775	42,217	48,271
North Atlantic	South America	1,190,937	1,108,259	992,857	1,036,398	1,044,398	1,161,705	1,263,689	1,371,771	1,637,112	1,988,224	2,436,367
North Atlantic	Caribbean	42,584	71,121	117,154	122,002	127,724	163,672	221,460	299,949	579,864	1,143,113	2,216,724
South Atlantic	Africa	64,889	82,641	57,843	57,313	57,867	69,520	82,572	102,778	174,979	334,360	710,805
South Atlantic	Asia	3,022,237	3,490,230	4,550,815	4,749,467	4,816,949	5,034,474	5,310,283	5,813,036	7,263,757	9,593,971	13,152,591
South Atlantic	Europe	2,207,659	2,491,972	2,621,351	2,712,309	2,731,237	2,653,835	2,714,374	2,888,243	3,397,050	4,224,472	5,499,863
South Atlantic	Mideast	219,435	313,436	430,999	432,305	430,103	505,921	544,622	593,771	710,820	852,232	1,016,274
South Atlantic	North America	47,137	105,832	109,640	114,242	117,501	135,782	151,304	163,403	189,291	217,052	246,690
South Atlantic	South America	2,225,247	2,125,267	1,823,287	1,893,402	1,919,515	2,155,403	2,399,493	2,699,039	3,674,255	5,389,813	8,050,297
South Atlantic	Caribbean	479,622	731,854	823,680	877,815	936,833	1,311,855	1,919,069	2,739,060	5,720,748	11,856,586	23,656,422
Gulf Coast	Africa	73,790	133,990	181,305	177,604	177,106	215,838	246,313	287,028	418,920	652,805	1,041,517
Gulf Coast	Asia	1,224,516	838,582	1,256,107	1,314,990	1,330,746	1,424,858	1,574,522	1,810,645	2,591,302	4,130,959	7,139,491
Gulf Coast	Europe	2,268,672	2,850,724	3,071,223	3,101,186	3,087,737	3,368,724	3,642,043	3,941,597	4,718,709	5,863,767	7,618,868
Gulf Coast	Mideast	222,998	399,751	523,515	534,251	540,111	653,083	727,685	807,194	991,057	1,209,878	1,461,134
Gulf Coast	North America	60,984	245,189	1,034,500	1,109,981	1,175,194	1,565,690	1,794,353	2,014,895	2,483,217	2,988,347	3,514,786
Gulf Coast	South America	2,371,941	2,321,560	2,263,894	2,373,924	2,405,583	2,741,573	3,065,370	3,445,239	4,625,130	6,697,741	9,872,953
Gulf Coast	Caribbean	694,456	975,730	1,225,270	1,277,055	1,326,114	1,573,046	1,890,889	2,293,140	3,613,954	6,069,706	10,492,443
South Pacific	Africa	8,658	7,723	10,552	10,055	9,780	11,593	12,739	13,882	16,595	19,903	24,271
South Pacific	Asia	15,966,463	15,420,181	17,864,484	18,433,056	18,585,761	19,974,852	21,334,942	23,664,986	30,876,508	44,471,145	70,644,464
South Pacific	Europe	650,993	621,031	576,980	579,615	563,639	611,551	636,091	666,099	747,960	869,678	1,058,717
South Pacific	Mideast	26,728	52,711	82,590	83,671	84,267	102,125	112,695	123,505	148,193	177,137	209,712
South Pacific	North America	7,606	35,473	27,002	29,414	30,732	36,510	40,461	43,581	49,944	56,919	64,677
South Pacific	South America	304,246	317,106	274,763	280,364	281,506	299,142	311,991	329,586	380,540	455,213	555,279
South Pacific	Caribbean	30,654	62,201	94,413	99,913	105,283	134,485	172,533	224,740	416,068	817,619	1,568,093
North Pacific	Africa	3,877	3,325	13,571	13,208	12,934	14,130	14,858	15,420	16,202	16,867	17,546
North Pacific	Asia	10,086,754	8,441,668	8,773,273	9,156,602	9,391,896	10,519,551	11,224,340	12,199,507	14,765,190	18,369,976	24,205,502
North Pacific	Europe	227,832	218,964	225,283	237,713	242,197	256,523	253,276	263,225	309,585	386,010	503,040
North Pacific	Mideast	1,852	3,467	6,748	6,692	6,773	7,663	8,397	9,120	10,615	12,304	14,194
North Pacific	North America	8,408	16,065	26,787	26,944	27,728	31,147	34,371	37,862	45,239	53,427	62,374
North Pacific	South America	112,825	98,961	94,949	99,296	101,235	113,193	121,795	130,705	148,999	170,904	198,548
North Pacific	Caribbean	852	16,452	21,736	22,377	22,936	25,515	27,085	28,547	31,837	36,435	43,361
Great Lakes	Africa	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	Asia	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	Europe	42	0	3,679	3,878	4,218	6,488	7,907	8,359	9,423	10,585	11,738
Great Lakes	Mideast	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	North America	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	South America	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	Caribbean	0	0	0	0	0	0	0	0	0	0	0
Total		**51,074,627**	**50,476,759**	**57,991,298**	**60,000,717**	**60,750,104**	**66,342,530**	**71,956,461**	**80,145,876**	**104,921,079**	**148,681,598**	**226,879,229**
Average Annual Growth Rate			**-0.24%**	**4.73%**	**3.47%**	**1.25%**	**1.78%**	**1.64%**	**2.18%**	**2.73%**	**3.55%**	**4.32%**

Containerized U.S. Commodity by Destination (Metric Tonnes)

Containerized US Commodity Forecast For AGRICULTURE COMMODITIES
Sorted by DESTINATION, by Major Region, 1995-2050, Selected Years
(METRIC TONNES)

Destination	Origin	1995	2000	2003	2004	2005	2010	2015	2020	2030	2040	2050
North Atlantic	Africa	6,224	36,977	35,912	33,907	33,774	33,624	32,451	31,075	28,351	25,770	23,803
North Atlantic	Asia	188,112	221,765	275,877	282,460	302,723	318,067	325,100	266,233	295,281	331,041	372,837
North Atlantic	Europe	125,088	254,115	282,734	278,065	279,272	307,792	314,674	288,436	309,304	339,011	374,620
North Atlantic	Mideast	19,672	15,651	18,806	20,485	21,956	25,470	27,673	26,887	29,925	33,627	38,038
North Atlantic	North America	4,450	28,216	11,388	11,028	10,358	7,587	6,238	5,436	5,051	5,471	6,360
North Atlantic	South America	186,786	389,451	643,450	647,331	667,397	731,673	806,369	856,099	1,058,668	1,308,704	1,600,105
North Atlantic	Caribbean	12,116	40,946	62,501	60,935	59,969	52,247	48,531	43,573	34,152	26,571	20,979
South Atlantic	Africa	3,076	2,479	455	448	470	497	515	500	533	572	618
South Atlantic	Asia	90,915	66,223	66,620	67,448	67,459	60,466	56,756	47,742	49,571	54,369	60,810
South Atlantic	Europe	24,483	161,255	147,274	140,657	138,682	177,214	184,938	173,313	168,426	171,698	180,565
South Atlantic	Mideast	1,837	6,735	848	899	940	925	913	783	750	718	690
South Atlantic	North America	1,084	29,101	15,066	15,786	16,475	16,921	17,135	17,186	17,258	17,249	17,166
South Atlantic	South America	345,711	461,222	616,895	615,752	638,346	701,779	725,614	735,909	764,929	784,459	794,277
South Atlantic	Caribbean	89,427	171,819	133,322	133,052	132,205	126,024	124,402	121,121	114,935	107,734	98,261
Gulf Coast	Africa	2,106	2,289	992	1,027	1,064	1,164	1,191	1,165	1,222	1,303	1,410
Gulf Coast	Asia	58,166	36,992	46,460	47,057	45,008	34,088	28,229	24,317	22,090	22,253	23,472
Gulf Coast	Europe	6,510	18,559	92,496	96,403	96,213	106,141	108,670	103,799	99,596	96,678	90,830
Gulf Coast	Mideast	1,625	118	156	154	161	154	154	93	96	104	114
Gulf Coast	North America	88,494	132,200	42,909	39,481	34,887	19,260	11,442	6,855	2,540	937	355
Gulf Coast	South America	232,033	512,061	752,745	752,125	767,025	788,895	784,960	778,451	773,904	764,242	745,374
Gulf Coast	Caribbean	96,845	124,090	64,016	60,803	58,806	46,814	39,434	32,361	21,990	15,478	11,525
South Pacific	Africa	235	795	639	713	801	868	933	458	558	671	798
South Pacific	Asia	237,641	493,688	589,023	603,026	639,783	697,485	746,243	703,087	815,387	944,857	1,088,370
South Pacific	Europe	18,136	22,219	37,837	36,839	36,207	44,283	46,466	45,817	51,626	58,977	67,056
South Pacific	Mideast	954	683	858	920	945	999	1,018	943	981	1,062	1,177
South Pacific	North America	7,281	9,783	8,942	9,342	9,576	9,518	10,036	10,665	12,932	15,944	19,567
South Pacific	South America	102,015	161,209	182,780	190,728	193,721	188,072	186,057	175,912	171,223	171,459	176,088
South Pacific	Caribbean	22,750	179,382	290,667	312,251	322,696	260,459	250,767	223,328	160,619	103,594	59,764
North Pacific	Africa	57	30	30	28	26	16	11	8	4	2	1
North Pacific	Asia	55,300	115,688	148,496	146,455	154,318	170,847	186,678	179,190	211,735	246,368	282,887
North Pacific	Europe	145	3,037	6,292	6,265	6,293	6,438	6,465	6,118	7,188	7,359	7,566
North Pacific	Mideast	29	25	44	47	49	56	59	60	66	73	83
North Pacific	North America	19,565	28,954	30,264	34,864	39,279	48,972	58,134	67,011	86,932	109,997	136,274
North Pacific	South America	87,828	30,891	43,817	43,609	43,981	44,192	45,648	47,088	52,582	60,366	70,129
North Pacific	Caribbean	4,434	11,921	16,203	15,811	15,565	13,467	12,447	11,097	8,470	6,317	4,704
Great Lakes	Africa	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	Asia	0	0	0	0	0	0	0				
Great Lakes	Europe	8	5	26,494	25,792	27,156	31,515	36,230	40,931	51,168	62,531	75,129
Great Lakes	Mideast	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	North America	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	South America	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	Caribbean	0	0	0	0	0	0	0	0	0	0	0
Total		**2,141,139**	**3,770,574**	**4,693,308**	**4,731,992**	**4,863,585**	**5,073,988**	**5,232,579**	**5,073,045**	**5,430,043**	**5,897,568**	**6,451,802**
Average Annual Growth Rate			**11.98%**	**7.57%**	**0.82%**	**2.78%**	**0.85%**	**0.62%**	**-0.62%**	**0.68%**	**0.83%**	**0.90%**

Containerized US Commodity Forecast For CAPITAL EQUIPMENT
Sorted by DESTINATION, by Major Region, 1995-2050, Selected Years
(METRIC TONNES)

Destination	Origin	1995	2000	2003	2004	2005	2010	2015	2020	2030	2040	2050
North Atlantic	Africa	16,969	40,326	43,145	48,551	55,183	89,898	113,042	136,757	195,130	269,478	360,178
North Atlantic	Asia	218,858	349,822	525,180	574,744	626,507	882,131	1,059,602	1,236,834	1,676,830	2,244,553	2,930,990
North Atlantic	Europe	958,891	1,034,496	992,664	1,076,428	1,184,838	1,642,804	1,949,076	2,278,937	3,052,620	3,976,089	5,031,611
North Atlantic	Mideast	15,079	20,601	24,304	26,166	29,383	46,695	57,348	67,540	91,545	120,408	153,357
North Atlantic	North America	1,113	249	183	209	237	361	465	585	917	1,422	2,171
North Atlantic	South America	361,906	460,480	621,505	694,449	704,283	889,903	1,054,024	1,207,954	1,549,406	1,911,329	2,273,531
North Atlantic	Caribbean	4	42	33	38	42	56	63	69	86	112	150
South Atlantic	Africa	8,784	9,594	29,427	32,527	37,012	57,966	69,626	80,691	106,173	136,121	169,923
South Atlantic	Asia	219,017	376,794	505,760	567,193	630,096	963,655	1,244,990	1,559,228	2,440,625	3,788,520	5,749,955
South Atlantic	Europe	335,806	507,101	542,760	570,723	617,327	900,270	1,112,289	1,344,313	1,912,840	2,639,875	3,533,634
South Atlantic	Mideast	7,866	12,670	13,857	14,477	16,346	26,942	34,063	41,037	58,076	80,001	107,141
South Atlantic	North America	1,330	3,600	1,528	1,717	1,908	2,916	3,645	4,385	6,203	8,554	11,498
South Atlantic	South America	112,678	176,563	194,299	217,247	236,512	345,746	423,596	500,952	694,648	944,650	1,254,281
South Atlantic	Caribbean	95	664	385	436	486	788	983	1,178	1,645	2,231	2,949
Gulf Coast	Africa	3,730	5,162	4,263	4,751	5,299	6,708	7,535	8,227	9,774	11,496	13,317
Gulf Coast	Asia	26,171	47,611	51,492	58,661	66,589	103,014	132,560	164,242	251,271	379,359	559,614
Gulf Coast	Europe	192,581	253,668	257,581	286,393	320,651	429,272	518,128	619,808	876,414	1,213,656	1,636,551
Gulf Coast	Mideast	4,920	1,481	4,075	3,976	4,429	7,317	9,526	11,804	17,807	26,248	37,574
Gulf Coast	North America	288	2,737	733	845	966	1,205	1,430	1,669	2,274	3,066	4,054
Gulf Coast	South America	46,800	82,851	111,651	122,278	131,506	183,008	219,898	253,333	340,561	457,747	610,858
Gulf Coast	Caribbean	35	811	909	1,046	1,194	1,781	2,216	2,675	3,834	5,395	7,442
South Pacific	Africa	245	1,911	2,049	2,320	2,636	3,556	4,239	4,909	6,522	8,515	10,872
South Pacific	Asia	2,862,214	3,742,937	4,411,994	4,799,545	5,234,368	7,527,809	9,073,201	10,571,775	14,135,779	18,472,503	23,418,849
South Pacific	Europe	81,728	111,329	90,378	98,072	108,415	156,002	189,785	226,655	316,494	430,763	571,185
South Pacific	Mideast	1,803	2,814	3,439	3,760	4,316	7,558	10,129	12,916	20,363	30,964	45,401
South Pacific	North America	273	406	396	442	492	732	892	1,042	1,389	1,806	2,291
South Pacific	South America	1,782	2,895	9,759	10,882	12,079	17,921	22,375	27,093	39,214	55,952	78,733
South Pacific	Caribbean	44	76	60	69	78	119	150	184	271	387	542
North Pacific	Africa	12	44	166	182	202	326	399	467	623	812	1,033
North Pacific	Asia	1,190,450	1,170,010	1,317,954	1,459,085	1,608,484	2,393,922	2,911,622	3,407,944	4,570,613	5,961,628	7,531,440
North Pacific	Europe	11,494	15,179	11,674	12,956	14,519	19,482	23,294	27,768	39,157	54,322	73,664
North Pacific	Mideast	0	9	42	41	46	73	92	112	160	226	310
North Pacific	North America	241	68	699	785	872	1,252	1,412	1,516	1,708	1,881	2,029
North Pacific	South America	373	221	377	423	462	774	1,024	1,292	2,025	3,111	4,674
North Pacific	Caribbean	0	1	5	6	7	10	13	16	25	37	53
Great Lakes	Africa	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	Asia	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	Europe	661	96	392	414	459	680	810	916	1,140	1,378	1,623
Great Lakes	Mideast	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	North America	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	South America	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	Caribbean	0	0	0	0	0	0	0	0	0	0	0
Total		**6,684,242**	**8,435,319**	**9,775,119**	**10,691,836**	**11,658,227**	**16,712,651**	**20,253,544**	**23,806,822**	**32,424,161**	**43,244,597**	**56,193,478**
Average Annual Growth Rate			**4.76%**	**5.04%**	**9.38%**	**9.04%**	**7.47%**	**3.92%**	**3.29%**	**3.14%**	**2.92%**	**2.65%**

Containerized US Commodity Forecast For CHEMICALS
Sorted by DESTINATION, by Major Region, 1995-2050, Selected Years
(METRIC TONNES)

Destination	Origin	1995	2000	2003	2004	2005	2010	2015	2020	2030	2040	2050
North Atlantic	Africa	7,238	19,935	25,115	26,953	29,841	33,915	41,614	48,255	66,803	92,691	128,432
North Atlantic	Asia	302,263	441,012	603,981	614,671	652,936	767,652	832,255	869,793	980,898	1,160,856	1,423,132
North Atlantic	Europe	909,234	1,167,020	1,275,442	1,273,761	1,343,031	1,708,922	1,752,097	1,704,198	1,783,768	2,006,921	2,289,796
North Atlantic	Mideast	68,448	146,214	135,730	142,429	150,519	178,886	201,043	223,030	273,030	332,053	401,800
North Atlantic	North America	3,450	2,860	1,176	1,217	1,311	1,539	1,654	1,694	1,761	1,813	1,848
North Atlantic	South America	127,360	201,746	278,550	286,892	304,884	341,849	373,838	385,442	412,958	447,462	491,128
North Atlantic	Caribbean	281	624	416	455	508	662	737	782	872	959	1,044
South Atlantic	Africa	8,400	8,448	6,161	6,835	7,676	9,722	11,572	13,238	17,333	22,553	29,025
South Atlantic	Asia	204,437	276,015	334,182	325,952	329,069	336,392	345,275	347,207	375,662	444,735	560,481
South Atlantic	Europe	357,906	483,421	582,602	586,560	613,992	776,783	820,021	822,039	923,366	1,149,565	1,471,217
South Atlantic	Mideast	26,816	25,537	34,952	35,475	37,344	43,517	47,407	49,288	54,493	62,135	72,118
South Atlantic	North America	19,613	45,009	23,727	23,483	24,274	25,939	26,913	26,238	25,125	24,540	24,754
South Atlantic	South America	78,460	96,624	110,648	110,695	115,121	133,421	148,795	156,587	174,636	197,892	228,981
South Atlantic	Caribbean	160	9,643	3,117	3,580	4,166	5,974	7,284	8,708	12,402	17,569	24,599
Gulf Coast	Africa	5,838	13,494	24,621	25,553	27,811	35,528	40,859	45,198	55,233	67,460	82,025
Gulf Coast	Asia	65,596	91,680	89,167	89,249	94,478	108,781	115,361	116,014	117,848	122,966	131,631
Gulf Coast	Europe	478,456	671,249	742,138	774,559	843,740	1,123,954	1,199,224	1,192,255	1,266,917	1,494,236	1,839,556
Gulf Coast	Mideast	18,917	22,005	21,595	22,200	23,028	26,189	28,484	31,040	36,757	43,365	50,986
Gulf Coast	North America	88,670	59,452	79,283	78,236	81,600	84,556	85,228	80,331	71,328	63,972	58,946
Gulf Coast	South America	61,491	114,888	136,911	138,290	145,875	158,096	168,916	169,976	175,367	186,728	206,659
Gulf Coast	Caribbean	985	10,334	4,908	5,477	6,181	8,252	9,956	11,620	15,898	21,813	29,817
South Pacific	Africa	36	128	101	99	104	140	171	198	259	332	419
South Pacific	Asia	786,379	1,656,164	1,817,174	1,862,375	1,967,620	2,391,605	2,746,165	3,044,017	3,825,514	4,938,619	6,406,644
South Pacific	Europe	102,213	86,064	97,337	96,641	99,571	117,377	116,676	110,537	110,201	120,971	136,866
South Pacific	Mideast	5,888	10,215	13,854	14,928	16,123	22,548	27,917	33,663	48,613	69,685	98,948
South Pacific	North America	30,301	1,256	2,409	2,218	2,175	2,214	2,113	1,894	1,511	1,210	986
South Pacific	South America	4,300	7,240	27,909	27,084	27,642	31,199	34,118	35,254	37,957	41,495	45,968
South Pacific	Caribbean	100	478	1,442	1,608	1,838	2,485	2,941	3,429	4,740	6,618	9,201
North Pacific	Africa	82	42	32	36	41	57	68	79	107	141	184
North Pacific	Asia	268,387	343,733	510,818	508,419	526,284	613,639	675,189	717,445	837,186	1,018,217	1,261,431
North Pacific	Europe	1,282	3,021	5,092	5,109	5,552	7,028	7,515	7,704	8,113	8,268	8,224
North Pacific	Mideast	36	209	3,275	3,586	3,886	5,642	7,116	8,684	12,714	18,360	26,213
North Pacific	North America	1,217	109	644	586	572	579	546	484	378	291	215
North Pacific	South America	277	794	544	534	545	604	653	662	682	709	745
North Pacific	Caribbean	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	Africa	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	Asia	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	Europe	497	65	465	533	615	896	1,142	1,421	2,201	3,387	5,120
Great Lakes	Mideast	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	North America	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	South America	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	Caribbean	0	0	0	0	0	0	0	0	0	0	0
Total		**4,035,016**	**6,016,724**	**6,995,518**	**7,096,276**	**7,489,955**	**9,106,543**	**9,880,862**	**10,268,404**	**11,732,629**	**14,190,587**	**17,549,140**
Average Annual Growth Rate			**8.32%**	**5.15%**	**1.44%**	**5.55%**	**3.99%**	**1.65%**	**0.77%**	**1.34%**	**1.92%**	**2.15%**

Containerized US Commodity Forecast For CONSUMER GOODS
Sorted by DESTINATION, by Major Region, 1995-2050, Selected Years
(METRIC TONNES)

Destination	Origin	1995	2000	2003	2004	2005	2010	2015	2020	2030	2040	2050
North Atlantic	Africa	5,948	16,365	31,453	33,285	35,659	46,281	52,560	57,984	69,064	80,069	90,809
North Atlantic	Asia	547,133	994,924	1,649,790	1,734,826	1,887,012	2,689,597	3,158,250	3,668,557	4,908,956	6,452,315	8,287,809
North Atlantic	Europe	344,261	573,988	559,436	608,216	660,607	823,744	963,051	1,093,195	1,429,328	1,896,446	2,491,639
North Atlantic	Mideast	53,673	80,429	96,704	109,635	123,826	132,889	147,977	167,056	212,106	262,443	312,651
North Atlantic	North America	277	8,548	11,593	13,442	13,240	21,700	27,964	35,088	53,875	79,982	114,543
North Atlantic	South America	51,781	73,478	112,804	125,238	125,228	189,953	217,117	261,231	375,382	528,455	724,117
North Atlantic	Caribbean	386	9,978	14,620	14,682	15,022	15,832	16,195	16,398	16,918	17,173	17,176
South Atlantic	Africa	3,358	7,433	8,130	8,814	9,602	13,649	16,684	19,847	27,472	36,956	48,320
South Atlantic	Asia	327,600	690,730	1,070,435	1,162,667	1,299,661	2,072,836	2,659,352	3,359,393	5,279,664	8,092,308	12,036,940
South Atlantic	Europe	85,983	171,057	185,000	197,373	211,256	253,337	289,159	312,960	370,820	460,045	586,230
South Atlantic	Mideast	16,907	26,797	33,451	38,270	43,228	51,445	61,534	73,869	106,007	149,108	203,784
South Atlantic	North America	997	6,175	5,025	5,511	6,043	8,384	10,178	12,055	16,565	22,193	29,020
South Atlantic	South America	84,464	119,656	138,778	145,855	150,627	197,706	223,712	255,970	335,778	436,170	557,609
South Atlantic	Caribbean	121,288	415,836	415,968	427,185	447,113	530,269	611,377	696,581	906,027	1,150,510	1,425,147
Gulf Coast	Africa	894	1,358	1,343	1,489	1,593	2,269	2,669	3,068	3,978	5,020	6,164
Gulf Coast	Asia	4,236	6,052	36,478	38,826	43,494	68,640	86,076	106,831	163,293	245,033	358,644
Gulf Coast	Europe	37,315	81,716	83,843	90,929	98,657	125,942	147,526	164,548	203,968	260,585	338,015
Gulf Coast	Mideast	1,179	2,192	4,469	5,094	5,693	7,284	8,947	10,837	15,676	22,123	30,342
Gulf Coast	North America	1,450	65,563	78,519	82,597	88,578	116,405	137,394	157,561	203,104	255,423	313,658
Gulf Coast	South America	12,079	14,583	24,006	26,140	26,064	36,723	39,927	45,037	57,067	71,267	87,366
Gulf Coast	Caribbean	20,776	146,770	222,263	228,175	239,009	283,524	327,417	372,867	483,818	612,433	756,007
South Pacific	Africa	329	1,409	4,325	4,653	5,065	7,209	9,027	10,967	15,743	21,781	29,066
South Pacific	Asia	3,739,714	6,926,365	8,315,090	8,700,335	9,450,863	13,275,531	15,359,194	17,644,166	23,070,471	29,545,958	36,884,206
South Pacific	Europe	70,707	127,905	149,122	158,986	172,866	220,505	260,644	295,701	390,948	537,095	739,417
South Pacific	Mideast	3,397	9,984	12,529	14,301	16,296	25,551	27,013	32,470	45,815	62,211	76,578
South Pacific	North America	212	4,171	10,400	12,095	11,768	19,666	25,652	32,542	50,845	76,417	110,385
South Pacific	South America	4,935	8,348	14,899	16,124	16,673	22,082	24,559	27,909	36,093	46,297	58,502
South Pacific	Caribbean	12,343	15,282	47,373	48,675	50,996	60,536	69,857	79,596	103,478	131,311	162,537
North Pacific	Africa	12	85	281	310	332	475	573	673	907	1,184	1,497
North Pacific	Asia	964,917	1,342,935	1,391,539	1,456,624	1,581,908	2,219,637	2,566,475	2,949,098	3,860,990	4,950,503	6,183,156
North Pacific	Europe	1,787	4,685	7,562	8,088	8,677	11,642	14,014	16,363	21,773	28,192	35,466
North Pacific	Mideast	11	25	785	895	957	1,397	1,729	2,116	3,092	4,372	5,948
North Pacific	North America	35	98	129	140	147	197	240	290	418	590	812
North Pacific	South America	380	6,222	4,371	5,036	5,398	8,331	10,269	12,377	17,627	24,451	32,976
North Pacific	Caribbean	64	25	50	56	60	76	86	102	145	201	270
Great Lakes	Africa	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	Asia	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	Europe	35	25	82	89	92	99	99	103	113	128	153
Great Lakes	Mideast	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	North America	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	South America	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	Caribbean	0	0	0	0	0	0	0	0	0	0	0
Total		**6,520,861**	**11,961,193**	**14,742,646**	**15,524,657**	**16,853,307**	**23,561,345**	**27,574,496**	**31,995,407**	**42,857,324**	**56,566,750**	**73,136,959**
Average Annual Growth Rate			**12.90%**	**7.22%**	**5.30%**	**8.56%**	**6.93%**	**3.20%**	**3.02%**	**2.97%**	**2.81%**	**2.60%**

Containerized US Commodity Forecast For EXTRACTIVE COMMODITIES
Sorted by DESTINATION, by Major Region, 1995-2050, Selected Years
(METRIC TONNES)

Destination	Origin	1995	2000	2003	2004	2005	2010	2015	2020	2030	2040	2050
North Atlantic	Africa	9,732	4,167	15,381	16,039	15,896	18,050	18,596	18,502	18,490	18,555	18,618
North Atlantic	Asia	91,078	33,039	100,510	95,822	98,716	88,570	81,193	74,536	63,886	56,567	52,254
North Atlantic	Europe	51,033	61,856	43,279	41,434	40,408	47,313	43,959	39,999	37,256	38,999	43,828
North Atlantic	Mideast	8,105	19,625	2,249	2,458	2,630	2,531	2,448	2,299	2,053	1,854	1,688
North Atlantic	North America	16,711	100	2,042	1,898	1,941	1,520	1,249	1,038	738	564	476
North Atlantic	South America	13,410	10,186	4,873	4,935	5,080	5,816	5,967	5,945	5,967	6,047	6,170
North Atlantic	Caribbean	6	55	0	0	0	0	0	0	0	0	0
South Atlantic	Africa	976	2,193	2,048	2,180	2,248	2,782	3,111	3,367	3,996	4,779	5,720
South Atlantic	Asia	2,234	1,345	1,564	1,603	1,633	1,828	1,930	2,000	2,176	2,413	2,723
South Atlantic	Europe	17,595	30,354	61,389	56,563	56,046	81,040	83,453	84,218	88,199	94,162	102,540
South Atlantic	Mideast	7,104	12,425	3,286	3,763	4,322	4,471	4,809	4,999	5,463	6,018	6,656
South Atlantic	North America	9,734	2,217	2,769	2,799	2,610	2,563	2,492	2,407	2,240	2,079	1,925
South Atlantic	South America	99,602	34,908	23,105	24,796	24,933	24,836	24,422	24,087	23,744	23,920	24,669
South Atlantic	Caribbean	6,172	3,022	2,892	3,120	3,168	2,950	2,719	2,519	2,137	1,787	1,473
Gulf Coast	Africa	4,073	8,135	6,644	7,391	8,352	9,543	9,634	9,391	9,012	8,712	8,468
Gulf Coast	Asia	19,394	10,609	32,900	34,605	36,393	39,728	40,272	40,035	40,191	40,839	42,063
Gulf Coast	Europe	9,493	38,419	19,539	18,069	17,319	20,042	16,656	14,189	12,434	12,505	13,337
Gulf Coast	Mideast	236	753	833	912	957	1,099	1,221	1,311	1,522	1,771	2,056
Gulf Coast	North America	16,724	8,002	29,735	33,372	35,073	38,577	39,536	39,629	40,232	41,107	42,096
Gulf Coast	South America	59,866	56,762	65,696	68,758	74,726	83,684	84,361	83,603	83,260	86,303	88,006
Gulf Coast	Caribbean	2,436	1,117	759	819	832	775	714	662	561	470	387
South Pacific	Africa	1,531	128	24	24	26	29	29	28	25	22	21
South Pacific	Asia	74,362	141,639	80,732	78,937	77,712	78,509	74,737	70,336	64,231	60,691	59,268
South Pacific	Europe	10,867	8,933	5,873	5,390	4,966	5,579	4,690	3,591	2,204	1,472	1,102
South Pacific	Mideast	291	6,113	1,307	1,471	1,633	1,755	1,913	2,013	2,255	2,546	2,875
South Pacific	North America	4,405	106,149	99,760	103,361	98,715	109,851	121,060	132,500	158,408	188,796	224,365
South Pacific	South America	7,352	8,659	15,025	16,001	16,084	18,737	20,342	21,833	25,568	30,471	36,759
South Pacific	Caribbean	299	2,739	3,014	3,336	3,474	3,668	3,833	4,027	4,388	4,713	4,987
North Pacific	Africa	7	701	4	4	4	5	4	4	3	3	3
North Pacific	Asia	11,151	23,270	17,674	17,606	17,046	17,850	17,579	16,979	16,262	15,995	16,113
North Pacific	Europe	306	2	81	77	75	81	77	72	62	53	43
North Pacific	Mideast	0	0	7	7	7	9	10	11	13	15	18
North Pacific	North America	40,047	83,134	59,243	61,527	59,255	63,869	68,615	73,625	85,410	99,776	117,043
North Pacific	South America	313	270	56	61	63	65	65	66	67	67	67
North Pacific	Caribbean	0	20	0	0	0	0	0	0	0	0	0
Great Lakes	Africa	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	Asia	1	0	0	0	0	0	0	0	0	0	0
Great Lakes	Europe	3,552	0	0	0	0	0	0	0	0	0	0
Great Lakes	Mideast	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	North America	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	South America	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	Caribbean	0	0	0	0	0	0	0	0	0	0	0
Total		**600,196**	**721,045**	**704,292**	**709,141**	**712,346**	**777,723**	**781,698**	**779,819**	**802,453**	**854,073**	**927,820**
Average Annual Growth Rate			**3.74%**	**-0.78%**	**0.69%**	**0.45%**	**1.77%**	**0.10%**	**-0.05%**	**0.29%**	**0.63%**	**0.83%**

Containerized US Commodity Forecast For FOOD
Sorted by DESTINATION, by Major Region, 1995-2050, Selected Years
(METRIC TONNES)

Destination	Origin	1995	2000	2003	2004	2005	2010	2015	2020	2030	2040	2050
North Atlantic	Africa	28,108	64,259	70,882	81,281	93,541	123,973	133,530	142,036	158,060	173,126	187,448
North Atlantic	Asia	856,353	1,191,386	1,684,891	1,626,358	1,751,608	2,209,903	2,364,648	2,524,778	2,856,690	3,205,289	3,562,196
North Atlantic	Europe	1,853,059	2,699,806	2,863,422	3,062,279	3,349,319	3,615,337	3,673,026	3,727,127	3,815,499	3,840,914	3,800,852
North Atlantic	Mideast	146,818	110,462	136,477	152,471	172,574	202,234	219,211	233,978	262,921	290,347	315,323
North Atlantic	North America	6,011	3,374	7,396	7,927	8,460	9,681	9,497	9,277	8,707	8,028	7,362
North Atlantic	South America	530,697	614,120	790,765	835,109	861,519	996,341	1,025,116	1,057,878	1,122,828	1,177,520	1,229,498
North Atlantic	Caribbean	11,041	14,770	14,024	14,540	14,841	14,338	13,566	13,014	11,962	10,760	9,816
South Atlantic	Africa	6,334	8,235	16,966	19,433	22,513	30,338	33,792	37,231	44,362	51,768	59,283
South Atlantic	Asia	163,818	227,213	332,323	322,231	340,846	417,275	444,978	473,402	532,660	598,697	673,256
South Atlantic	Europe	384,271	631,753	673,880	737,853	825,735	911,029	987,735	1,078,102	1,280,941	1,492,347	1,702,400
South Atlantic	Mideast	13,893	17,752	21,262	23,839	27,331	41,503	45,866	50,247	60,362	71,880	84,405
South Atlantic	North America	7,331	22,566	17,139	16,812	17,244	20,767	22,761	24,927	29,192	33,170	37,292
South Atlantic	South America	195,201	246,173	336,915	352,070	363,293	424,088	446,564	473,023	526,431	574,106	622,328
South Atlantic	Caribbean	50,229	65,701	77,194	77,642	82,299	82,534	78,219	75,361	69,166	60,954	53,537
Gulf Coast	Africa	594	8,338	7,824	9,163	10,730	14,538	16,566	18,647	22,993	27,515	32,092
Gulf Coast	Asia	56,278	64,671	142,629	137,962	146,681	193,421	203,761	213,302	231,529	249,748	268,095
Gulf Coast	Europe	210,857	312,105	517,528	565,160	630,503	682,359	732,131	790,463	915,012	1,035,336	1,141,624
Gulf Coast	Mideast	4,461	2,602	6,188	6,951	7,796	8,661	9,427	10,160	11,850	13,944	16,510
Gulf Coast	North America	27,657	8,744	112,033	107,512	107,939	133,800	149,966	166,171	198,229	229,419	259,170
Gulf Coast	South America	56,642	77,151	86,835	91,724	96,946	114,434	119,439	123,568	131,113	137,850	143,956
Gulf Coast	Caribbean	25,793	13,959	22,582	22,754	23,985	26,118	25,974	25,553	24,057	21,967	19,809
South Pacific	Africa	549	2,391	3,821	4,429	5,156	7,005	7,876	8,743	10,524	12,347	14,175
South Pacific	Asia	1,251,653	1,939,896	2,341,975	2,299,958	2,447,586	2,872,891	3,024,655	3,190,139	3,541,683	3,921,959	4,319,996
South Pacific	Europe	440,401	668,576	682,641	743,338	826,015	931,474	1,008,560	1,092,269	1,272,896	1,453,862	1,622,273
South Pacific	Mideast	3,473	6,614	11,507	13,006	14,860	17,365	20,495	23,756	31,390	40,741	52,009
South Pacific	North America	1,463	15,212	20,088	19,366	19,294	20,743	20,532	20,196	19,061	17,450	15,538
South Pacific	South America	86,984	116,320	175,404	181,618	186,690	214,502	232,409	252,462	297,009	346,829	401,306
South Pacific	Caribbean	6,444	8,893	14,673	15,422	16,720	18,021	18,580	19,305	20,886	22,565	24,508
North Pacific	Africa	100	104	319	377	445	603	699	801	1,016	1,242	1,472
North Pacific	Asia	190,812	208,982	243,364	234,975	252,740	306,073	328,980	352,690	402,202	454,473	508,685
North Pacific	Europe	16,360	27,783	36,702	39,783	44,467	53,972	59,680	65,661	78,332	92,102	106,537
North Pacific	Mideast	8	224	522	561	622	704	829	955	1,251	1,618	2,071
North Pacific	North America	333	947	4,509	4,747	5,254	6,468	6,523	6,630	6,675	6,502	6,141
North Pacific	South America	6,979	10,403	12,231	12,517	12,685	13,210	13,389	13,881	14,970	16,052	17,142
North Pacific	Caribbean	1,873	1,906	1,405	1,592	1,809	2,159	2,440	2,722	3,281	3,826	4,358
Great Lakes	Africa	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	Asia	0	0	113	126	140	148	146	143	133	120	107
Great Lakes	Europe	82	130	1,122	1,189	1,288	1,657	1,842	2,022	2,523	3,209	4,086
Great Lakes	Mideast	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	North America	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	South America	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	Caribbean	0	0	0	0	0	0	0	0	0	0	0
Total		**6,642,959**	**9,413,524**	**11,489,550**	**11,844,075**	**12,791,474**	**14,739,666**	**15,503,407**	**16,320,620**	**18,018,399**	**19,699,582**	**21,326,656**
Average Annual Growth Rate			**7.22%**	**6.87%**	**3.09%**	**8.00%**	**2.88%**	**1.02%**	**1.03%**	**0.99%**	**0.90%**	**0.80%**

Containerized US Commodity Forecast For FUELS
Sorted by DESTINATION, by Major Region, 1995-2050, Selected Years
(METRIC TONNES)

Destination	Origin	1995	2000	2003	2004	2005	2010	2015	2020	2030	2040	2050
North Atlantic	Africa	0	0	0	0	0	0	0	0	0	0	0
North Atlantic	Asia	34	214	5,916	6,943	7,524	9,930	12,394	14,989	21,226	29,103	38,810
North Atlantic	Europe	3,061	6,772	21,105	24,293	25,804	31,605	37,306	43,050	56,627	73,348	93,499
North Atlantic	Mideast	0	1	10,031	11,538	12,254	14,613	16,468	17,966	20,637	22,844	24,472
North Atlantic	North America	0	0	0	0	0	0	0	0	0	0	0
North Atlantic	South America	1	0	207,217	238,341	253,118	303,728	351,864	395,917	494,004	616,199	785,737
North Atlantic	Caribbean	0	0	0	0	0	0	0	0	0	0	0
South Atlantic	Africa	0	0	0	0	0	0	0	0	0	0	0
South Atlantic	Asia	1,787	1,699	1,978	2,254	2,372	2,704	2,920	3,059	3,265	3,392	3,442
South Atlantic	Europe	638	1,717	3,681	4,246	4,521	5,505	6,380	7,193	8,963	10,978	13,269
South Atlantic	Mideast	0	0	0	0	0	0	0	1	1	1	2
South Atlantic	North America	9	0	0	0	0	0	0	0	0	0	0
South Atlantic	South America	0	550	97,715	110,884	116,232	131,570	145,152	157,020	185,533	223,687	274,892
South Atlantic	Caribbean	0	0	0	0	0	0	0	0	0	0	0
Gulf Coast	Africa	0	0	0	0	0	0	0	0	0	0	0
Gulf Coast	Asia	818	1,432	6,122	6,870	7,119	7,570	7,814	7,841	7,811	7,815	8,018
Gulf Coast	Europe	3,003	7,148	7,515	8,523	8,868	10,293	11,903	13,603	18,098	24,138	31,868
Gulf Coast	Mideast	0	260	151	178	194	262	335	415	613	873	1,203
Gulf Coast	North America	109	0	0	0	0	0	0	0	0	0	0
Gulf Coast	South America	0	131	157,440	178,982	187,964	214,827	239,233	261,339	314,833	386,231	481,224
Gulf Coast	Caribbean	0	0	0	0	0	0	0	0	0	0	0
South Pacific	Africa	0	0	0	0	0	0	0	0	0	0	0
South Pacific	Asia	1,915	1,634	19,742	22,722	24,148	29,130	34,113	38,831	49,777	64,075	84,564
South Pacific	Europe	4,487	2,627	3,198	3,726	4,007	5,126	6,248	7,404	10,154	13,589	17,791
South Pacific	Mideast	0	0	0	0	0	0	0	0	0	0	0
South Pacific	North America	0	0	0	0	0	0	0	0	0	0	0
South Pacific	South America	0	4,137	35,812	41,191	43,746	52,421	60,353	67,447	82,696	100,768	124,656
South Pacific	Caribbean	0	0	0	0	0	0	0	0	0	0	0
North Pacific	Africa	0	0	0	0	0	0	0	0	0	0	0
North Pacific	Asia	650	83	129	148	156	183	204	220	248	272	293
North Pacific	Europe	1	0	23	27	28	34	38	42	49	54	59
North Pacific	Mideast	0	0	0	0	0	0	0	0	0	0	0
North Pacific	North America	0	0	0	0	0	0	0	0	0	0	0
North Pacific	South America	0	199	2,763	3,178	3,375	4,048	4,686	5,268	6,557	8,153	10,354
North Pacific	Caribbean	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	Africa	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	Asia	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	Europe	0	0	2	2	2	3	3	3	4	4	4
Great Lakes	Mideast	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	North America	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	South America	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	Caribbean	0	0	0	0	0	0	0	0	0	0	0
Total		**16,514**	**28,605**	**580,539**	**664,046**	**701,431**	**823,553**	**937,414**	**1,041,606**	**1,281,094**	**1,585,523**	**1,994,157**
Average Annual Growth Rate			**11.61%**	**172.77%**	**14.38%**	**5.63%**	**3.26%**	**2.62%**	**2.13%**	**2.09%**	**2.15%**	**2.32%**

Containerized US Commodity Forecast For HI-TECH PRODUCTS
Sorted by DESTINATION, by Major Region, 1995-2050, Selected Years
(METRIC TONNES)

Destination	Origin	1995	2000	2003	2004	2005	2010	2015	2020	2030	2040	2050
North Atlantic	Africa	21	110	558	640	734	1,188	1,508	1,867	2,751	3,903	5,378
North Atlantic	Asia	67,691	121,557	148,555	155,111	172,091	279,893	392,412	528,061	920,109	1,542,211	2,489,208
North Atlantic	Europe	62,321	43,900	63,970	67,429	74,456	108,380	129,964	151,552	199,986	256,404	321,425
North Atlantic	Mideast	1,282	2,868	2,265	2,556	2,890	4,523	5,497	6,542	9,005	12,079	15,878
North Atlantic	North America	17	106	328	367	401	613	879	1,198	2,140	3,685	6,204
North Atlantic	South America	1,968	3,841	2,104	2,393	2,687	4,527	6,033	7,762	12,435	19,301	29,098
North Atlantic	Caribbean	1	0	0	0	0	0	0	0	0	0	0
South Atlantic	Africa	138	16	72	81	90	128	146	162	197	238	287
South Atlantic	Asia	74,224	120,173	148,801	154,939	167,675	258,676	345,412	446,880	733,051	1,172,157	1,820,865
South Atlantic	Europe	15,270	21,278	19,129	19,783	22,057	35,908	46,986	59,523	93,060	141,191	208,260
South Atlantic	Mideast	175	761	586	649	715	1,083	1,369	1,697	2,555	3,763	5,417
South Atlantic	North America	132	770	625	696	774	1,113	1,509	1,945	3,086	4,612	6,547
South Atlantic	South America	2,960	2,897	4,707	5,363	6,084	10,083	13,105	16,344	24,268	34,337	46,621
South Atlantic	Caribbean	21	12	32	36	41	58	66	73	86	97	105
Gulf Coast	Africa	7	68	0	0	0	0	0	0	0	1	1
Gulf Coast	Asia	1,067	3,347	5,027	5,227	5,870	9,839	14,011	18,833	31,967	51,278	78,765
Gulf Coast	Europe	5,044	9,110	7,758	8,079	8,883	13,758	17,368	21,441	32,025	46,619	66,208
Gulf Coast	Mideast	206	632	522	565	612	840	974	1,091	1,339	1,598	1,856
Gulf Coast	North America	2	721	57	62	70	102	129	158	231	333	469
Gulf Coast	South America	165	1,068	727	820	928	1,504	2,020	2,610	4,182	6,415	9,461
Gulf Coast	Caribbean	2	0	45	49	56	81	97	114	153	201	263
South Pacific	Africa	6	2	9	10	11	18	22	25	31	37	42
South Pacific	Asia	1,626,380	2,787,367	2,766,030	2,918,432	3,169,401	4,906,515	6,448,375	8,111,419	12,120,555	17,035,535	22,671,617
South Pacific	Europe	6,007	7,114	8,212	8,203	8,971	13,968	17,846	22,075	33,150	48,670	69,814
South Pacific	Mideast	56	58	141	152	165	230	271	309	391	483	583
South Pacific	North America	96	950	1,132	1,308	1,483	2,509	3,814	5,437	10,143	17,496	28,379
South Pacific	South America	32	177	1,174	1,369	1,595	2,698	4,137	5,974	11,358	19,920	32,786
South Pacific	Caribbean	2	0	0	0	0	0	0	0	0	0	0
North Pacific	Africa	0	0	0	0	0	0	0	0	0	0	0
North Pacific	Asia	262,081	367,083	281,227	296,066	321,742	489,334	645,136	810,191	1,203,593	1,680,669	2,225,006
North Pacific	Europe	176	326	104	113	120	178	228	279	417	611	878
North Pacific	Mideast	0	0	17	19	20	27	32	35	43	51	59
North Pacific	North America	6	22	9	10	12	19	26	34	56	89	138
North Pacific	South America	5	9	0	0	0	0	0	0	1	1	3
North Pacific	Caribbean	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	Africa	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	Asia	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	Europe	4	8	54	58	67	99	123	149	216	305	422
Great Lakes	Mideast	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	North America	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	South America	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	Caribbean	0	0	0	0	0	0	0	0	0	0	0
Total		**2,127,567**	**3,496,351**	**3,463,979**	**3,650,585**	**3,970,702**	**6,147,891**	**8,099,491**	**10,223,780**	**15,452,578**	**22,104,291**	**30,142,045**
Average Annual Growth Rate			**10.45%**	**-0.31%**	**5.39%**	**8.77%**	**9.14%**	**5.67%**	**4.77%**	**4.22%**	**3.64%**	**3.15%**

Containerized US Commodity Forecast For INTERMEDIATE MANUFACTURED PRODUCTS
Sorted by DESTINATION, by Major Region, 1995-2050, Selected Years
(METRIC TONNES)

Destination	Origin	1995	2000	2003	2004	2005	2010	2015	2020	2030	2040	2050
North Atlantic	Africa	63,909	87,894	95,945	102,094	106,086	99,493	98,248	98,026	103,174	106,611	112,008
North Atlantic	Asia	608,793	1,197,136	1,404,462	1,463,405	1,586,981	2,110,509	2,581,398	3,031,675	4,154,093	5,608,714	7,445,697
North Atlantic	Europe	1,325,206	1,958,435	1,769,294	1,955,262	2,196,530	2,956,032	3,516,136	4,062,373	5,354,792	6,932,263	8,860,644
North Atlantic	Mideast	52,163	130,319	174,213	194,591	215,537	276,474	318,392	359,418	453,221	565,373	694,207
North Atlantic	North America	2,420	1,570	1,471	1,586	1,791	2,259	2,835	3,354	4,666	6,449	8,683
North Atlantic	South America	295,766	440,158	746,247	765,838	831,401	1,095,503	1,335,270	1,583,194	2,173,434	2,932,177	3,974,773
North Atlantic	Caribbean	253	1,548	1,222	1,394	1,580	2,003	2,177	2,317	2,625	2,986	3,406
South Atlantic	Africa	7,900	15,339	22,520	24,952	27,638	35,384	42,947	50,929	69,950	91,356	115,240
South Atlantic	Asia	368,554	647,811	904,841	964,982	1,065,678	1,571,578	2,140,767	2,815,087	4,857,544	8,302,071	13,919,297
South Atlantic	Europe	447,222	1,034,880	1,090,854	1,206,450	1,358,767	1,848,765	2,166,462	2,491,131	3,334,603	4,529,528	6,202,497
South Atlantic	Mideast	22,397	51,525	126,171	143,133	162,054	206,723	235,539	263,368	327,571	405,534	499,427
South Atlantic	North America	4,550	34,905	22,913	25,439	28,515	36,860	43,864	50,573	66,377	86,829	113,065
South Atlantic	South America	229,298	443,591	796,657	833,763	911,794	1,147,465	1,299,961	1,445,786	1,758,195	2,106,284	2,521,320
South Atlantic	Caribbean	15,749	17,004	18,027	20,745	23,877	34,576	45,916	58,216	90,921	138,235	204,878
Gulf Coast	Africa	29,621	54,941	47,670	54,223	57,571	49,867	44,981	41,325	40,551	42,747	45,156
Gulf Coast	Asia	99,120	188,618	150,376	164,865	185,092	276,150	372,199	477,157	769,800	1,219,760	1,901,763
Gulf Coast	Europe	769,146	1,022,693	757,471	836,208	937,295	1,302,268	1,595,314	1,893,322	2,684,560	3,832,064	5,462,387
Gulf Coast	Mideast	30,054	97,697	61,587	69,641	78,609	100,056	117,907	134,645	173,548	220,688	276,004
Gulf Coast	North America	29,051	13,141	13,749	15,460	17,469	23,673	31,942	40,383	62,429	93,631	136,487
Gulf Coast	South America	206,823	432,302	592,198	629,599	693,164	903,673	1,061,190	1,206,765	1,546,370	1,966,828	2,501,276
Gulf Coast	Caribbean	2,648	11,988	20,504	23,733	27,466	38,269	52,922	69,118	113,906	180,872	276,745
South Pacific	Africa	7,784	6,009	5,098	5,311	5,676	7,051	7,977	8,938	11,030	13,211	15,372
South Pacific	Asia	3,222,956	6,403,179	7,253,405	7,633,601	8,284,136	10,979,849	13,491,493	15,925,588	22,027,022	30,057,555	40,254,650
South Pacific	Europe	364,355	767,698	722,769	833,283	961,485	1,349,501	1,601,629	1,870,796	2,550,455	3,465,613	4,681,736
South Pacific	Mideast	5,218	47,656	115,541	134,555	156,619	224,260	279,371	340,959	502,774	733,326	1,055,293
South Pacific	North America	42,255	989	2,341	2,468	2,806	3,501	4,304	4,852	6,082	7,693	9,714
South Pacific	South America	31,989	72,530	169,132	180,901	200,101	265,836	323,775	382,073	528,556	729,423	1,002,506
South Pacific	Caribbean	2,077	497	666	748	839	1,140	1,334	1,501	1,886	2,386	3,058
North Pacific	Africa	73	528	619	674	724	807	876	948	1,128	1,308	1,457
North Pacific	Asia	1,078,777	1,333,049	1,498,111	1,586,089	1,727,091	2,321,555	2,908,512	3,474,059	4,862,575	6,653,654	8,901,213
North Pacific	Europe	20,531	33,550	35,262	38,947	43,930	63,162	78,608	94,330	132,765	182,957	252,906
North Pacific	Mideast	0	330	5,668	6,274	7,034	9,845	12,679	15,764	23,282	34,072	50,845
North Pacific	North America	125,059	234	56	60	67	95	124	154	230	334	465
North Pacific	South America	7,730	2,601	3,099	3,490	3,959	5,511	6,754	7,908	10,620	13,972	18,046
North Pacific	Caribbean	0	11	43	50	57	83	116	151	249	396	611
Great Lakes	Africa	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	Asia	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	Europe	6,929	236	596	575	594	709	827	893	954	914	867
Great Lakes	Mideast	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	North America	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	South America	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	Caribbean	0	0	0	0	0	0	0	0	0	0	0
Total		**9,526,377**	**16,552,595**	**18,630,801**	**19,924,389**	**21,910,015**	**29,350,486**	**35,824,747**	**42,307,075**	**58,801,937**	**81,267,810**	**111,523,696**
Average Annual Growth Rate			**11.68%**	**4.02%**	**6.94%**	**9.97%**	**6.02%**	**4.07%**	**3.38%**	**3.35%**	**3.29%**	**3.22%**

Containerized US Commodity Forecast For MATERIALS
Sorted by DESTINATION, by Major Region, 1995-2050, Selected Years
(METRIC TONNES)

Destination	Origin	1995	2000	2003	2004	2005	2010	2015	2020	2030	2040	2050
North Atlantic	Africa	5,136	6,116	10,970	10,422	10,403	12,219	13,449	14,234	15,767	17,350	18,949
North Atlantic	Asia	201,593	467,932	765,276	774,525	802,443	937,206	1,027,946	1,121,928	1,376,697	1,682,006	1,946,147
North Atlantic	Europe	643,999	1,144,776	1,346,720	1,297,730	1,285,587	1,273,419	1,212,026	1,186,619	1,242,151	1,370,845	1,531,732
North Atlantic	Mideast	18,513	61,269	77,369	83,880	90,428	109,423	118,273	128,976	156,600	193,960	242,630
North Atlantic	North America	32,910	23,791	24,067	27,252	29,430	35,644	38,977	41,012	45,276	49,766	54,253
North Atlantic	South America	200,984	465,885	704,783	708,078	735,427	915,331	1,006,732	1,102,222	1,329,425	1,619,008	1,987,624
North Atlantic	Caribbean	272	1,725	2,838	2,893	3,066	3,475	3,997	4,481	5,692	7,375	9,720
South Atlantic	Africa	6,187	12,683	22,271	21,156	20,857	18,737	18,458	19,340	22,636	27,959	35,407
South Atlantic	Asia	237,254	436,507	657,453	672,989	702,714	830,556	922,892	1,025,386	1,294,684	1,638,860	1,988,859
South Atlantic	Europe	307,828	517,054	801,102	795,526	815,014	857,179	862,754	877,396	952,621	1,075,860	1,248,118
South Atlantic	Mideast	19,026	59,782	74,807	80,453	87,250	105,331	114,059	124,608	153,214	193,062	245,462
South Atlantic	North America	1,126	18,880	16,046	18,070	19,457	23,408	25,616	26,974	29,835	32,912	36,070
South Atlantic	South America	214,880	299,976	485,400	486,554	507,167	675,032	739,398	787,314	872,643	953,780	1,037,542
South Atlantic	Caribbean	36,745	32,590	48,351	46,084	46,225	49,888	53,573	56,743	63,110	70,201	78,480
Gulf Coast	Africa	1,525	4,176	13,130	11,844	11,062	10,943	10,753	10,748	11,325	12,377	13,641
Gulf Coast	Asia	21,992	38,082	62,099	66,461	71,651	94,074	106,062	115,703	136,709	160,150	181,753
Gulf Coast	Europe	128,966	227,407	211,051	197,766	191,308	211,323	216,607	222,165	245,537	280,256	324,655
Gulf Coast	Mideast	2,589	5,299	6,730	7,145	7,855	9,900	11,029	12,232	15,312	19,464	24,843
Gulf Coast	North America	3,629	15,797	32,134	31,387	31,905	29,556	29,124	29,882	32,080	35,495	40,678
Gulf Coast	South America	107,222	223,606	383,693	381,025	388,659	471,583	488,026	497,770	519,736	548,871	583,504
Gulf Coast	Caribbean	5,121	4,334	9,975	9,570	9,620	9,592	9,795	10,184	10,968	11,848	12,958
South Pacific	Africa	24	896	1,272	1,233	1,260	1,719	2,141	2,544	3,536	4,885	6,729
South Pacific	Asia	1,512,160	3,000,930	3,620,453	3,596,179	3,681,556	4,077,371	4,326,077	4,548,477	5,274,742	6,265,855	7,457,086
South Pacific	Europe	144,820	223,171	184,397	176,746	174,827	182,677	181,941	183,481	200,729	231,399	274,749
South Pacific	Mideast	1,053	7,974	11,627	11,954	12,295	14,870	15,972	17,014	19,453	22,523	26,356
South Pacific	North America	18,195	100,325	88,816	100,803	108,907	132,383	145,072	152,807	168,830	185,601	202,332
South Pacific	South America	29,810	38,715	99,180	93,726	93,899	129,314	150,487	166,473	199,281	236,854	281,840
South Pacific	Caribbean	1,894	1,704	4,558	4,502	4,660	5,215	5,782	6,174	6,994	7,932	9,024
North Pacific	Africa	24	28	203	192	189	189	196	214	260	321	410
North Pacific	Asia	340,512	609,454	757,241	738,100	740,725	770,108	792,200	821,841	944,474	1,119,068	1,332,563
North Pacific	Europe	3,545	10,474	6,110	5,675	5,594	6,349	6,856	7,534	9,302	11,697	14,929
North Pacific	Mideast	0	415	880	823	819	1,169	1,421	1,637	2,116	2,695	3,403
North Pacific	North America	36,688	18,008	1,390	1,560	1,678	2,008	2,180	2,283	2,507	2,750	2,996
North Pacific	South America	5,931	12,492	17,668	16,286	16,009	22,751	27,364	31,058	38,866	47,950	58,835
North Pacific	Caribbean	0	121	122	120	124	140	155	166	188	213	242
Great Lakes	Africa	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	Asia	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	Europe	98	4	77	77	79	104	113	119	128	137	145
Great Lakes	Mideast	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	North America	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	South America	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	Caribbean	0	0	0	0	0	0	0	0	0	0	0
Total		**4,292,248**	**8,092,376**	**10,550,261**	**10,478,786**	**10,710,150**	**12,030,187**	**12,687,499**	**13,357,736**	**15,403,422**	**18,141,286**	**21,314,665**
Average Annual Growth Rate			**13.52%**	**9.24%**	**-0.68%**	**2.21%**	**2.35%**	**1.07%**	**1.03%**	**1.44%**	**1.65%**	**1.63%**

Containerized US Commodity Forecast For ALL COMMODITIES
Sorted by DESTINATION, by Major Region, 1995-2050, Selected Years
(METRIC TONNES)

Destination	Origin	1995	2000	2003	2004	2005	2010	2015	2020	2030	2040	2050
North Atlantic	Africa	143,285	276,149	329,362	353,172	381,118	458,640	504,997	548,736	657,590	787,554	945,623
North Atlantic	Asia	3,081,907	5,018,788	7,164,437	7,328,864	7,888,540	10,293,457	11,835,198	13,337,385	17,254,664	22,312,655	28,549,081
North Atlantic	Europe	6,276,153	8,945,162	9,218,066	9,684,897	10,439,853	12,515,349	13,591,315	14,575,485	17,281,329	20,731,239	24,839,644
North Atlantic	Mideast	383,754	587,441	678,147	746,208	821,997	993,739	1,114,331	1,233,692	1,511,043	1,834,988	2,200,044
North Atlantic	North America	67,359	68,812	59,644	64,924	67,169	80,904	89,757	98,682	123,132	157,179	201,901
North Atlantic	South America	1,770,658	2,659,346	4,112,297	4,308,605	4,491,022	5,474,624	6,182,330	6,863,643	8,534,506	10,566,204	13,101,782
North Atlantic	Caribbean	24,359	69,688	95,654	94,937	95,027	88,613	85,267	80,634	72,308	65,936	62,291
South Atlantic	Africa	45,152	66,421	108,051	116,425	128,107	169,203	196,852	225,306	292,652	372,303	463,822
South Atlantic	Asia	1,689,840	2,844,511	4,023,957	4,242,260	4,607,202	6,515,967	8,165,272	10,079,383	15,568,902	24,097,522	36,816,628
South Atlantic	Europe	1,977,002	3,559,871	4,107,672	4,315,734	4,663,397	5,847,028	6,560,176	7,250,188	9,133,839	11,765,249	15,248,731
South Atlantic	Mideast	116,021	213,985	309,220	340,958	379,531	481,940	545,558	609,896	768,492	972,221	1,225,101
South Atlantic	North America	45,906	163,224	104,839	110,313	117,301	138,870	154,112	166,689	195,880	232,138	277,337
South Atlantic	South America	1,363,254	1,882,160	2,805,120	2,902,979	3,070,109	3,791,727	4,190,319	4,552,992	5,360,804	6,279,284	7,362,521
South Atlantic	Caribbean	319,886	716,291	699,288	711,879	739,580	833,062	924,539	1,020,501	1,260,428	1,549,317	1,889,429
Gulf Coast	Africa	48,389	97,960	106,487	115,442	123,482	130,561	134,189	137,768	154,088	176,631	202,274
Gulf Coast	Asia	352,837	489,093	622,750	649,782	702,374	935,304	1,106,344	1,284,275	1,772,510	2,499,200	3,553,818
Gulf Coast	Europe	1,841,371	2,642,074	2,696,920	2,882,089	3,153,437	4,025,351	4,563,526	5,035,592	6,354,562	8,296,071	10,945,030
Gulf Coast	Mideast	64,187	133,040	106,306	116,816	129,333	161,762	188,004	213,627	274,521	350,176	441,489
Gulf Coast	North America	256,074	306,356	389,152	388,952	398,487	447,136	486,191	522,637	612,447	723,383	855,913
Gulf Coast	South America	783,122	1,515,404	2,311,903	2,389,742	2,512,857	2,956,428	3,207,970	3,422,452	3,946,394	4,612,484	5,457,685
Gulf Coast	Caribbean	154,641	313,402	345,961	352,427	367,150	415,206	468,525	525,153	675,185	870,476	1,114,953
South Pacific	Africa	10,741	13,669	17,338	18,793	20,737	27,595	32,413	36,810	48,227	61,802	77,493
South Pacific	Asia	15,315,374	27,093,798	31,215,619	32,515,110	34,977,173	46,836,695	55,324,253	63,847,834	84,925,159	111,307,606	142,645,251
South Pacific	Europe	1,243,720	2,025,636	1,981,764	2,161,224	2,397,330	3,026,492	3,434,484	3,858,326	4,938,855	6,362,411	8,181,989
South Pacific	Mideast	22,133	92,113	170,802	195,046	223,252	315,135	384,098	464,042	672,035	963,542	1,359,220
South Pacific	North America	104,482	239,240	234,284	251,404	255,216	301,117	333,476	361,935	429,201	512,413	613,557
South Pacific	South America	269,198	420,230	731,074	759,625	792,231	942,782	1,058,612	1,162,431	1,428,954	1,779,468	2,239,143
South Pacific	Caribbean	45,953	209,051	362,454	386,610	401,299	351,643	353,244	337,543	303,262	279,507	273,621
North Pacific	Africa	366	1,563	1,655	1,802	1,963	2,478	2,827	3,195	4,049	5,014	6,057
North Pacific	Asia	4,363,037	5,514,287	6,166,552	6,443,568	6,930,495	9,303,147	11,032,575	12,729,657	16,909,878	22,100,847	28,242,788
North Pacific	Europe	55,627	98,056	108,903	117,040	129,256	168,367	196,775	225,871	297,157	385,615	500,272
North Pacific	Mideast	84	1,237	11,239	12,253	13,441	18,922	23,966	29,374	42,737	61,483	88,950
North Pacific	North America	223,192	131,574	96,943	104,278	107,138	123,460	137,801	152,026	184,313	222,211	266,113
North Pacific	South America	109,816	64,103	84,926	85,133	86,477	99,487	109,852	119,600	143,997	174,832	212,971
North Pacific	Caribbean	6,371	14,005	17,830	17,635	17,622	15,935	15,257	14,255	12,358	10,990	10,238
Great Lakes	Africa	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	Asia	1	0	113	126	140	148	146	143	133	120	107
Great Lakes	Europe	11,866	569	29,284	28,730	30,351	35,760	41,188	46,558	58,447	71,994	87,549
Great Lakes	Mideast	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	North America	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	South America	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	Caribbean	0	0	0	0	0	0	0	0	0	0	0
Total		**42,587,118**	**68,488,306**	**81,626,014**	**85,315,782**	**91,661,192**	**118,324,034**	**136,775,739**	**155,174,314**	**202,204,039**	**263,552,065**	**340,560,419**
Average Annual Growth Rate			**9.97%**	**6.02%**	**4.52%**	**7.44%**	**5.24%**	**2.94%**	**2.56%**	**2.68%**	**2.69%**	**2.60%**

Containerized U.S. Commodity By Origin (TEUs)

Containerized US Commodity Forecast For AGRICULTURE COMMODITIES
Sorted by ORIGIN, by Major Region, 1995-2050, Selected Years
(TEUs)

Origin	Destination	1995	2000	2003	2004	2005	2010	2015	2020	2030	2040	2050
North Atlantic	Africa	222	246	138	134	129	126	117	117	110	103	98
North Atlantic	Asia	29,324	16,795	16,562	18,197	19,061	20,979	22,857	25,021	28,831	31,941	34,074
North Atlantic	Europe	48,187	53,335	25,243	26,481	26,714	26,714	27,837	29,266	31,768	34,886	38,903
North Atlantic	Mideast	1,599	1,198	1,813	2,021	2,183	3,378	3,792	4,220	5,156	6,207	7,357
North Atlantic	North America	47	29	27	26	25	21	17	21	21	21	20
North Atlantic	South America	5,896	4,915	4,625	4,886	5,089	6,556	7,190	8,184	9,738	11,350	13,031
North Atlantic	Caribbean	224	1,210	4,387	4,787	5,155	6,859	7,586	8,203	9,311	10,335	11,297
South Atlantic	Africa	85	128	53	54	52	52	51	50	49	49	49
South Atlantic	Asia	15,647	12,810	76,168	82,691	84,693	83,227	85,477	88,076	94,928	102,572	110,996
South Atlantic	Europe	30,375	21,549	30,338	32,030	30,505	22,929	19,276	17,134	14,598	13,799	14,165
South Atlantic	Mideast	636	1,435	8,213	8,436	8,435	10,585	11,925	13,171	16,058	19,433	23,117
South Atlantic	North America	149	93	60	60	62	82	89	96	111	127	144
South Atlantic	South America	5,727	3,798	3,613	3,714	3,851	4,523	4,892	5,340	6,162	7,022	7,936
South Atlantic	Caribbean	1,043	867	2,136	2,253	2,365	2,828	3,044	3,204	3,423	3,591	3,728
Gulf Coast	Africa	177	158	270	287	282	283	275	298	315	334	356
Gulf Coast	Asia	9,230	2,376	6,197	6,700	6,822	7,310	7,970	8,494	9,695	11,059	12,665
Gulf Coast	Europe	35,973	31,997	46,649	47,259	45,739	43,596	42,521	42,244	42,884	44,867	47,755
Gulf Coast	Mideast	4,085	12,628	15,589	16,032	16,084	20,620	23,474	26,109	32,146	39,152	46,789
Gulf Coast	North America	81	457	372	364	367	396	406	464	527	597	671
Gulf Coast	South America	8,512	11,288	10,528	10,293	10,548	11,499	11,956	12,566	13,423	14,238	15,100
Gulf Coast	Caribbean	7,004	9,570	9,262	9,634	9,985	10,961	11,596	11,977	12,463	12,751	12,901
South Pacific	Africa	16	56	72	68	67	116	129	145	174	202	231
South Pacific	Asia	207,892	152,256	206,726	220,751	224,055	259,422	283,586	308,715	371,878	463,584	581,431
South Pacific	Europe	18,536	23,308	21,041	20,644	18,991	22,612	24,306	25,632	28,353	31,303	34,411
South Pacific	Mideast	1,474	3,952	5,155	5,319	5,355	7,004	7,920	8,841	10,913	13,282	15,855
South Pacific	North America	16	56	79	87	94	168	197	221	269	320	373
South Pacific	South America	2,982	7,080	5,985	6,169	6,526	8,112	9,067	10,056	12,003	14,036	16,201
South Pacific	Caribbean	435	971	1,199	1,304	1,402	1,851	2,041	2,195	2,468	2,716	2,946
North Pacific	Africa	107	26	361	353	348	366	380	394	401	403	405
North Pacific	Asia	154,034	112,855	96,943	106,939	109,440	133,747	145,737	157,209	185,748	214,919	268,333
North Pacific	Europe	5,235	4,458	4,598	4,956	5,021	5,109	5,296	5,517	5,945	6,438	6,976
North Pacific	Mideast	10	60	201	205	218	282	325	368	454	545	642
North Pacific	North America	191	196	22	20	18	25	27	29	33	38	42
North Pacific	South America	2,388	3,042	3,983	4,126	4,288	5,086	5,545	5,990	6,789	7,569	8,354
North Pacific	Caribbean	6	446	257	280	301	400	441	476	539	596	651
Great Lakes	Africa	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	Asia	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	Europe	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	Mideast	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	North America	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	South America	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	Caribbean	0	0	0	0	0	0	0	0	0	0	0
Total		**597,544**	**495,641**	**608,863**	**647,559**	**654,272**	**727,824**	**777,348**	**830,045**	**957,685**	**1,120,386**	**1,338,003**
Average Annual Growth Rate			**-3.67%**	**7.10%**	**6.36%**	**1.04%**	**2.15%**	**1.33%**	**1.32%**	**1.44%**	**1.58%**	**1.79%**

Containerized US Commodity Forecast For CAPITAL EQUIPMENT
Sorted by ORIGIN, by Major Region, 1995-2050, Selected Years
(TEUs)

Origin	Destination	1995	2000	2003	2004	2005	2010	2015	2020	2030	2040	2050
North Atlantic	Africa	7,015	6,217	10,175	9,934	10,216	12,146	13,414	14,174	15,496	16,542	17,482
North Atlantic	Asia	29,091	19,652	31,799	34,009	35,267	45,026	56,592	69,844	107,082	166,188	262,740
North Atlantic	Europe	85,940	102,064	127,615	133,025	137,296	176,547	203,904	229,730	290,340	368,285	465,303
North Atlantic	Mideast	6,501	7,982	11,221	12,098	13,189	14,092	14,881	15,666	17,016	18,034	18,933
North Atlantic	North America	90	568	226	247	251	319	331	339	358	380	405
North Atlantic	South America	38,998	34,127	29,490	31,693	32,183	37,282	40,203	42,176	46,761	51,856	57,402
North Atlantic	Caribbean	320	4,081	2,884	3,063	3,282	4,146	4,314	4,488	4,953	5,519	6,134
South Atlantic	Africa	1,586	1,273	1,935	1,957	2,046	2,305	2,450	2,555	2,768	2,980	3,217
South Atlantic	Asia	17,815	16,613	20,937	22,637	23,256	28,088	33,347	39,731	58,925	93,166	157,802
South Atlantic	Europe	39,317	64,737	84,959	87,909	90,016	113,746	131,811	147,421	182,649	225,583	274,642
South Atlantic	Mideast	3,718	3,062	2,160	2,227	2,330	2,801	3,193	3,524	4,176	4,811	5,471
South Atlantic	North America	621	1,556	1,368	1,516	1,600	1,943	2,168	2,312	2,587	2,825	3,031
South Atlantic	South America	63,796	67,597	55,108	59,315	60,309	69,490	76,419	81,547	93,436	107,422	123,308
South Atlantic	Caribbean	12,648	14,985	16,102	16,362	16,758	18,229	17,821	17,660	18,225	19,570	21,277
Gulf Coast	Africa	827	1,181	1,995	2,080	2,183	2,918	3,957	5,532	11,657	23,073	39,511
Gulf Coast	Asia	8,848	6,093	7,279	7,333	7,351	8,230	9,687	11,613	17,601	27,922	46,476
Gulf Coast	Europe	15,226	18,854	28,675	30,476	31,308	37,125	42,125	47,228	63,577	94,234	141,816
Gulf Coast	Mideast	786	706	1,460	1,530	1,633	1,916	2,150	2,354	2,790	3,240	3,685
Gulf Coast	North America	1,496	3,450	1,942	2,205	2,297	2,897	3,281	3,534	4,011	4,422	4,766
Gulf Coast	South America	25,342	28,795	28,534	30,470	30,415	34,340	37,391	39,893	46,037	53,433	61,629
Gulf Coast	Caribbean	4,545	4,191	5,916	6,095	6,320	6,984	6,971	6,978	7,335	8,107	9,082
South Pacific	Africa	52	103	158	154	161	195	222	239	273	306	339
South Pacific	Asia	160,013	149,229	167,382	177,743	184,636	225,838	269,546	324,850	495,226	811,047	1,452,619
South Pacific	Europe	9,355	10,054	14,428	14,876	15,508	19,220	21,985	24,470	30,226	37,572	46,327
South Pacific	Mideast	176	215	398	418	448	535	554	576	611	626	628
South Pacific	North America	44	4,471	918	1,028	1,095	1,481	1,860	2,107	2,508	2,806	3,040
South Pacific	South America	5,629	4,041	4,394	4,555	4,690	5,371	6,058	7,082	10,558	16,070	23,131
South Pacific	Caribbean	512	893	1,197	1,253	1,326	1,611	1,650	1,697	1,848	2,047	2,270
North Pacific	Africa	25	58	24	24	25	30	34	36	40	42	45
North Pacific	Asia	43,191	35,735	46,688	49,098	52,071	60,457	70,708	81,920	110,607	150,290	207,891
North Pacific	Europe	1,701	3,320	3,668	3,850	4,117	5,314	6,114	6,918	9,148	12,431	16,693
North Pacific	Mideast	19	35	7	7	7	9	10	12	14	17	19
North Pacific	North America	266	108	32	34	34	39	42	46	54	62	73
North Pacific	South America	840	478	413	442	430	462	496	523	586	651	709
North Pacific	Caribbean	34	26	11	13	14	20	22	23	27	31	35
Great Lakes	Africa	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	Asia	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	Europe	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	Mideast	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	North America	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	South America	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	Caribbean	0	0	0	0	0	0	0	0	0	0	0
Total		**586,382**	**616,548**	**711,496**	**749,674**	**774,067**	**941,153**	**1,085,712**	**1,238,797**	**1,659,503**	**2,331,590**	**3,477,934**
Average Annual Growth Rate			**1.01%**	**4.89%**	**5.37%**	**3.25%**	**3.99%**	**2.90%**	**2.67%**	**2.97%**	**3.46%**	**4.08%**

Containerized US Commodity Forecast For CHEMICALS
Sorted by ORIGIN, by Major Region, 1995-2050, Selected Years
(TEUs)

Origin	Destination	1995	2000	2003	2004	2005	2010	2015	2020	2030	2040	2050
North Atlantic	Africa	1,313	1,820	1,900	1,845	1,873	2,141	2,421	2,717	3,381	4,194	5,207
North Atlantic	Asia	36,315	37,607	64,077	64,546	66,365	76,334	88,332	106,115	166,299	292,951	566,336
North Atlantic	Europe	52,354	64,208	67,659	66,827	65,722	76,256	86,328	96,507	123,425	163,417	223,028
North Atlantic	Mideast	2,965	3,228	4,014	4,092	4,200	4,695	5,197	5,798	7,241	9,099	11,474
North Atlantic	North America	179	105	31	33	34	38	43	46	54	62	71
North Atlantic	South America	16,004	21,620	19,677	20,635	20,951	24,118	27,103	30,157	38,461	50,795	67,596
North Atlantic	Caribbean	1,060	441	590	609	628	734	860	1,016	1,444	1,993	2,597
South Atlantic	Africa	1,810	2,416	1,672	1,624	1,650	1,885	2,153	2,474	3,336	4,735	7,265
South Atlantic	Asia	41,902	36,688	67,302	67,727	70,472	83,492	97,216	116,657	174,868	279,903	479,937
South Atlantic	Europe	27,355	32,274	32,429	32,205	31,821	37,742	43,612	49,639	67,191	97,568	145,931
South Atlantic	Mideast	2,359	3,152	2,715	2,767	2,886	3,129	3,404	3,744	4,542	5,557	6,844
South Atlantic	North America	591	1,623	6,286	6,625	6,743	7,546	8,353	8,898	10,023	11,146	12,288
South Atlantic	South America	26,982	32,903	35,362	37,102	38,096	45,521	54,795	67,365	114,304	204,344	340,338
South Atlantic	Caribbean	3,124	3,426	5,092	5,227	5,364	6,146	7,082	8,211	11,246	15,011	19,014
Gulf Coast	Africa	2,809	4,869	4,458	4,383	4,387	4,890	5,448	6,182	8,336	12,231	20,173
Gulf Coast	Asia	37,835	28,860	45,820	47,442	48,695	55,166	64,321	79,112	131,963	245,958	476,715
Gulf Coast	Europe	86,240	110,292	112,989	111,484	108,934	123,734	137,410	150,213	182,398	226,037	291,849
Gulf Coast	Mideast	8,047	9,348	16,662	16,964	17,517	18,766	20,192	22,001	26,159	31,204	37,321
Gulf Coast	North America	1,966	6,224	5,542	5,890	6,040	6,973	7,912	8,726	10,550	12,672	15,100
Gulf Coast	South America	82,936	102,632	104,076	110,867	112,329	127,674	145,189	166,702	239,207	375,334	590,250
Gulf Coast	Caribbean	16,711	20,798	24,547	25,394	26,248	30,921	36,233	42,338	57,796	75,764	93,865
South Pacific	Africa	79	27	21	20	20	23	27	31	41	52	65
South Pacific	Asia	269,594	285,035	334,485	336,302	347,068	398,239	455,771	536,611	788,686	1,271,544	2,247,832
South Pacific	Europe	1,960	1,478	1,249	1,244	1,238	1,440	1,637	1,822	2,264	2,842	3,583
South Pacific	Mideast	88	59	40	41	42	49	56	64	83	108	140
South Pacific	North America	41	91	35	37	39	50	63	75	105	147	201
South Pacific	South America	1,539	2,472	1,753	1,865	1,895	2,170	2,517	3,006	4,846	8,376	13,688
South Pacific	Caribbean	112	205	482	505	526	622	705	774	908	1,051	1,214
North Pacific	Africa	40	33	4	4	4	4	4	5	5	6	7
North Pacific	Asia	68,697	62,571	71,536	72,285	73,254	83,943	94,279	107,584	146,406	215,850	349,639
North Pacific	Europe	126	350	452	458	467	529	589	643	768	929	1,132
North Pacific	Mideast	35	43	71	72	74	85	95	105	130	160	196
North Pacific	North America	33	479	52	51	51	69	83	97	124	154	186
North Pacific	South America	637	751	829	886	902	1,022	1,144	1,275	1,667	2,382	3,543
North Pacific	Caribbean	26	77	99	105	109	134	158	177	215	258	308
Great Lakes	Africa	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	Asia	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	Europe	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	Mideast	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	North America	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	South America	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	Caribbean	0	0	0	0	0	0	0	0	0	0	0
Total		**793,862**	**878,204**	**1,034,008**	**1,048,165**	**1,066,642**	**1,226,279**	**1,400,734**	**1,626,888**	**2,328,474**	**3,623,833**	**6,034,933**
Average Annual Growth Rate			**2.04%**	**5.59%**	**1.37%**	**1.76%**	**2.83%**	**2.70%**	**3.04%**	**3.65%**	**4.52%**	**5.23%**

Containerized US Commodity Forecast For CONSUMER GOODS
Sorted by ORIGIN, by Major Region, 1995-2050, Selected Years
(TEUs)

Origin	Destination	1995	2000	2003	2004	2005	2010	2015	2020	2030	2040	2050
North Atlantic	Africa	1,191	1,111	1,285	1,217	1,259	1,499	1,713	1,921	2,459	3,276	4,510
North Atlantic	Asia	9,670	9,273	15,739	16,755	17,723	22,749	29,498	39,249	73,823	145,513	291,434
North Atlantic	Europe	21,052	22,174	26,920	28,445	29,444	31,865	35,056	41,046	63,060	111,112	217,501
North Atlantic	Mideast	1,817	2,597	2,084	2,142	2,245	2,844	3,436	4,040	5,614	7,893	10,999
North Atlantic	North America	51	27	132	140	149	192	233	270	357	469	610
North Atlantic	South America	10,172	10,994	8,963	9,691	9,882	11,920	13,876	15,713	19,968	25,325	32,023
North Atlantic	Caribbean	457	599	936	982	1,030	1,231	1,325	1,442	1,757	2,186	2,694
South Atlantic	Africa	249	379	304	312	330	434	478	525	645	844	1,174
South Atlantic	Asia	6,723	5,738	9,891	10,710	11,338	14,822	20,182	28,718	60,691	131,903	290,405
South Atlantic	Europe	7,408	8,453	10,528	10,952	11,226	12,593	13,848	15,507	20,137	27,665	40,705
South Atlantic	Mideast	1,175	1,464	882	916	984	1,305	1,642	1,991	2,918	4,354	6,429
South Atlantic	North America	573	1,051	663	690	711	841	957	1,082	1,357	1,713	2,186
South Atlantic	South America	34,212	27,418	18,260	18,744	19,027	20,567	22,094	23,344	26,674	31,436	37,863
South Atlantic	Caribbean	20,684	51,643	24,104	24,912	25,641	27,918	29,534	31,291	35,217	39,997	45,310
Gulf Coast	Africa	47	467	374	380	405	533	578	633	795	1,092	1,610
Gulf Coast	Asia	833	1,799	1,410	1,548	1,620	2,281	3,068	4,127	7,676	14,690	28,757
Gulf Coast	Europe	5,230	7,957	9,164	9,490	9,705	10,744	11,838	13,669	19,908	32,692	60,296
Gulf Coast	Mideast	330	486	452	462	484	607	729	852	1,176	1,648	2,285
Gulf Coast	North America	964	8,251	19,199	18,534	17,921	17,604	16,133	16,244	14,118	11,265	9,778
Gulf Coast	South America	5,371	4,526	3,789	4,011	4,168	5,050	5,800	6,425	7,848	9,638	11,880
Gulf Coast	Caribbean	3,535	12,505	9,665	9,983	10,270	11,223	11,929	12,600	13,843	15,072	16,239
South Pacific	Africa	14	46	68	66	65	81	95	109	140	179	226
South Pacific	Asia	66,879	57,693	52,881	56,870	59,873	73,040	90,355	114,305	195,329	354,018	657,944
South Pacific	Europe	3,625	2,790	2,673	2,815	2,894	3,009	3,327	4,129	7,369	14,956	33,123
South Pacific	Mideast	145	151	97	100	105	133	161	191	266	372	516
South Pacific	North America	80	879	457	500	527	669	784	894	1,121	1,394	1,763
South Pacific	South America	5,139	2,907	3,593	3,766	3,775	4,104	4,447	4,800	5,721	7,073	9,071
South Pacific	Caribbean	415	968	3,282	3,330	3,374	3,548	3,733	3,961	4,553	5,323	6,199
North Pacific	Africa	3	3	1	1	1	1	1	1	1	1	1
North Pacific	Asia	14,609	9,191	9,529	10,353	11,049	13,334	16,746	21,625	38,500	73,022	143,101
North Pacific	Europe	413	268	280	301	317	364	458	662	1,499	3,532	8,591
North Pacific	Mideast	1	26	11	12	13	20	26	34	55	88	137
North Pacific	North America	99	27	7	8	8	10	11	12	15	19	23
North Pacific	South America	102	87	21	23	23	26	29	33	42	55	72
North Pacific	Caribbean	1	10	7	8	9	12	13	14	16	18	20
Great Lakes	Africa	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	Asia	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	Europe	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	Mideast	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	North America	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	South America	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	Caribbean	0	0	0	0	0	0	0	0	0	0	0
Total		**223,269**	**253,960**	**237,653**	**249,166**	**257,596**	**297,170**	**344,137**	**411,458**	**634,667**	**1,079,830**	**1,975,476**
Average Annual Growth Rate			**2.61%**	**-2.19%**	**4.84%**	**3.38%**	**2.90%**	**2.98%**	**3.64%**	**4.43%**	**5.46%**	**6.23%**

Containerized US Commodity Forecast For EXTRACTIVE COMMODITIES
Sorted by ORIGIN, by Major Region, 1995-2050, Selected Years
(TEUs)

Origin	Destination	1995	2000	2003	2004	2005	2010	2015	2020	2030	2040	2050
North Atlantic	Africa	136	12	17	19	19	24	25	27	31	35	39
North Atlantic	Asia	8,302	6,591	20,495	22,517	22,947	24,655	25,049	26,083	28,530	30,585	32,574
North Atlantic	Europe	3,860	2,616	3,826	3,869	3,878	3,862	3,677	3,600	3,498	3,430	3,374
North Atlantic	Mideast	165	79	2,501	2,360	2,464	2,001	1,949	1,960	1,978	1,989	2,021
North Atlantic	North America	8	14	15	14	15	18	19	20	24	27	31
North Atlantic	South America	1,471	1,251	1,694	1,706	1,729	1,812	1,866	1,896	1,983	2,089	2,212
North Atlantic	Caribbean	144	243	127	130	132	136	138	140	143	147	152
South Atlantic	Africa	295	315	178	161	145	197	210	226	258	289	320
South Atlantic	Asia	51,346	76,594	81,338	83,350	84,835	89,878	93,857	98,640	112,374	132,144	161,499
South Atlantic	Europe	17,724	19,226	26,662	27,041	27,284	25,153	24,239	23,743	23,022	22,635	22,566
South Atlantic	Mideast	529	623	689	658	634	975	1,051	1,159	1,430	1,775	2,213
South Atlantic	North America	49	317	864	833	856	1,016	1,099	1,173	1,375	1,596	1,829
South Atlantic	South America	4,353	3,480	4,784	4,883	4,954	5,352	5,473	5,512	5,659	5,786	5,861
South Atlantic	Caribbean	722	191	1,892	1,942	1,971	2,018	2,056	2,082	2,127	2,185	2,262
Gulf Coast	Africa	44	30	244	242	240	262	269	280	308	341	378
Gulf Coast	Asia	4,760	2,716	2,555	2,747	2,868	3,187	3,408	3,770	4,700	6,080	8,284
Gulf Coast	Europe	2,587	7,535	13,301	13,091	13,142	12,774	12,304	11,855	11,084	10,394	9,769
Gulf Coast	Mideast	74	27	8	9	9	11	12	13	15	18	22
Gulf Coast	North America	77	47	546	574	589	671	720	764	870	995	1,136
Gulf Coast	South America	5,726	2,209	1,688	1,743	1,776	1,936	1,984	2,013	2,092	2,161	2,212
Gulf Coast	Caribbean	1,825	320	2,897	2,987	3,032	3,090	3,135	3,177	3,253	3,349	3,472
South Pacific	Africa	518	132	108	101	93	118	124	132	148	163	178
South Pacific	Asia	44,162	43,914	42,335	45,989	45,961	47,552	47,789	49,555	54,205	59,717	67,406
South Pacific	Europe	6,802	6,725	6,518	6,621	6,684	5,969	5,592	5,372	5,036	4,794	4,617
South Pacific	Mideast	156	7	389	389	390	429	452	480	551	641	750
South Pacific	North America	1	89	1	1	2	2	2	2	2	2	3
South Pacific	South America	844	673	584	603	601	621	629	632	634	634	632
South Pacific	Caribbean	53	4	15	17	17	16	15	16	17	18	19
North Pacific	Africa	0	0	1	0	0	1	1	1	1	1	1
North Pacific	Asia	18,520	21,090	22,512	24,031	24,454	25,051	25,222	25,804	27,663	30,086	33,624
North Pacific	Europe	1,293	660	397	410	414	376	358	346	327	310	294
North Pacific	Mideast	3	0	0	0	0	0	0	0	0	0	0
North Pacific	North America	40	33	29	29	32	40	41	43	46	50	54
North Pacific	South America	130	120	86	89	91	102	111	120	135	147	157
North Pacific	Caribbean	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	Africa	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	Asia	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	Europe	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	Mideast	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	North America	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	South America	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	Caribbean	0	0	0	0	0	0	0	0	0	0	0
Total		**176,720**	**197,880**	**239,295**	**249,157**	**252,260**	**259,302**	**262,874**	**270,634**	**293,518**	**324,614**	**369,959**
Average Annual Growth Rate			**2.29%**	**6.54%**	**4.12%**	**1.25%**	**0.55%**	**0.27%**	**0.58%**	**0.82%**	**1.01%**	**1.32%**

Containerized US Commodity Forecast For FOOD
Sorted by ORIGIN, by Major Region, 1995-2050, Selected Years
(TEUs)

Origin	Destination	1995	2000	2003	2004	2005	2010	2015	2020	2030	2040	2050
North Atlantic	Africa	2,203	1,302	4,822	5,161	5,104	5,000	4,687	4,541	4,383	4,374	4,470
North Atlantic	Asia	24,567	26,765	27,175	28,038	28,784	31,735	33,317	36,178	42,823	50,992	59,156
North Atlantic	Europe	63,796	49,254	52,210	52,086	51,628	51,861	49,663	49,697	52,807	58,189	64,873
North Atlantic	Mideast	4,753	8,137	6,888	7,052	7,249	8,486	9,256	10,261	12,733	15,576	18,549
North Atlantic	North America	265	378	560	538	554	593	607	673	806	942	1,075
North Atlantic	South America	13,821	14,721	14,450	14,993	15,410	18,361	19,723	21,184	24,560	28,346	32,426
North Atlantic	Caribbean	816	1,276	2,412	2,472	2,469	2,214	1,981	1,817	1,507	1,240	1,024
South Atlantic	Africa	1,035	1,532	597	616	617	730	745	816	970	1,138	1,312
South Atlantic	Asia	30,435	43,687	43,323	45,291	46,235	54,783	59,083	65,367	79,541	96,747	86,672
South Atlantic	Europe	26,023	22,685	28,418	28,980	28,227	26,941	25,398	24,939	25,254	26,370	27,841
South Atlantic	Mideast	1,457	6,308	8,665	8,324	8,394	12,880	14,125	16,039	20,538	25,672	31,096
South Atlantic	North America	1,081	1,749	1,929	2,039	2,199	3,106	3,588	4,062	5,066	6,129	7,215
South Atlantic	South America	18,401	18,758	11,224	11,824	12,315	15,387	16,744	18,276	21,734	25,631	29,829
South Atlantic	Caribbean	4,153	6,845	7,792	8,031	8,079	7,540	6,951	6,545	5,781	5,155	4,694
Gulf Coast	Africa	290	1,001	1,866	1,775	1,727	2,147	2,301	2,484	2,883	3,316	3,765
Gulf Coast	Asia	2,239	2,435	2,300	2,465	2,646	3,686	4,360	5,131	6,874	8,901	10,390
Gulf Coast	Europe	20,950	23,960	26,592	27,791	29,167	34,682	35,425	36,845	40,914	45,390	49,669
Gulf Coast	Mideast	1,272	1,549	4,957	4,913	5,164	9,062	10,412	12,127	15,912	20,064	24,387
Gulf Coast	North America	146	1,466	176,424	192,833	207,778	298,159	347,210	393,901	493,013	597,922	704,940
Gulf Coast	South America	15,774	9,528	8,981	9,386	9,802	13,232	14,979	16,708	20,427	24,400	28,519
Gulf Coast	Caribbean	7,915	12,640	12,691	13,177	13,385	13,166	12,531	12,229	11,705	11,377	11,276
South Pacific	Africa	50	78	165	151	139	171	189	205	236	268	302
South Pacific	Asia	347,871	371,093	355,216	369,833	381,388	441,336	466,883	500,236	563,219	633,741	702,620
South Pacific	Europe	16,523	21,491	19,757	19,871	19,566	21,193	21,421	21,913	23,273	24,929	26,791
South Pacific	Mideast	302	469	583	577	579	695	780	847	984	1,135	1,304
South Pacific	North America	400	565	1,261	1,360	1,448	1,929	2,210	2,467	3,001	3,564	4,144
South Pacific	South America	2,620	2,704	2,348	2,458	2,562	3,055	3,310	3,534	3,963	4,436	4,973
South Pacific	Caribbean	174	771	785	811	819	770	714	671	588	518	463
North Pacific	Africa	74	77	255	246	225	310	317	352	423	496	570
North Pacific	Asia	262,578	296,193	325,472	335,716	353,187	420,887	451,673	488,041	564,284	649,865	736,686
North Pacific	Europe	9,425	8,499	13,278	13,651	13,618	13,974	13,228	13,292	14,390	15,755	17,062
North Pacific	Mideast	69	249	332	320	317	337	362	397	468	547	634
North Pacific	North America	519	1,290	1,038	1,013	1,046	1,305	1,460	1,588	1,834	2,069	2,292
North Pacific	South America	1,466	1,362	939	983	988	1,046	1,095	1,163	1,299	1,446	1,617
North Pacific	Caribbean	0	94	20	21	22	22	22	22	21	20	20
Great Lakes	Africa	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	Asia	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	Europe	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	Mideast	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	North America	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	South America	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	Caribbean	0	0	0	0	0	0	0	0	0	0	0
Total		**883,465**	**960,913**	**1,165,721**	**1,214,797**	**1,262,836**	**1,520,782**	**1,636,749**	**1,774,547**	**2,068,216**	**2,396,662**	**2,702,656**
Average Annual Growth Rate			**1.69%**	**6.65%**	**4.21%**	**3.95%**	**3.79%**	**1.48%**	**1.63%**	**1.54%**	**1.48%**	**1.21%**

Containerized US Commodity Forecast For FUELS
Sorted by ORIGIN, by Major Region, 1995-2050, Selected Years
(TEUs)

Origin	Destination	1995	2000	2003	2004	2005	2010	2015	2020	2030	2040	2050
North Atlantic	Africa	54	90	49	49	50	45	42	42	42	41	40
North Atlantic	Asia	2,272	3,205	14,293	14,070	13,795	11,426	9,450	8,301	6,273	4,430	2,879
North Atlantic	Europe	1,853	2,678	3,371	3,556	3,491	2,794	2,350	2,035	1,520	1,100	766
North Atlantic	Mideast	236	199	46	44	45	39	36	36	36	36	35
North Atlantic	North America	15	11	4	4	4	4	3	3	3	3	3
North Atlantic	South America	1,366	1,260	2,309	2,302	2,265	2,088	1,973	1,990	2,016	2,014	1,971
North Atlantic	Caribbean	0	57	2	2	2	2	2	2	2	2	2
South Atlantic	Africa	1	3	1	1	1	1	1	1	1	1	1
South Atlantic	Asia	107	111	168	174	169	158	152	154	165	184	214
South Atlantic	Europe	127	350	435	439	422	347	292	254	196	154	126
South Atlantic	Mideast	0	24	11	10	11	10	10	10	10	10	10
South Atlantic	North America	0	0	0	0	0	0	0	0	0	0	0
South Atlantic	South America	77	297	209	210	209	210	213	219	227	231	230
South Atlantic	Caribbean	57	50	80	81	81	82	83	84	84	84	83
Gulf Coast	Africa	27	69	157	156	160	144	133	132	132	131	127
Gulf Coast	Asia	653	646	629	643	618	503	411	354	266	193	137
Gulf Coast	Europe	1,471	1,608	1,942	2,043	2,010	1,632	1,398	1,248	1,018	843	723
Gulf Coast	Mideast	116	402	523	505	515	487	469	474	484	486	476
Gulf Coast	North America	64	121	88	87	88	80	75	75	74	73	70
Gulf Coast	South America	5,054	7,722	12,269	12,290	12,235	12,057	12,074	12,457	12,977	13,285	13,388
Gulf Coast	Caribbean	4,067	6,035	16,673	16,774	16,804	17,122	17,338	17,451	17,490	17,408	17,228
South Pacific	Africa	0	2	1	1	1	1	1	1	1	1	1
South Pacific	Asia	10,853	15,592	16,990	16,637	16,519	15,331	14,425	13,640	13,789	16,685	23,116
South Pacific	Europe	180	98	823	872	861	682	569	489	364	263	184
South Pacific	Mideast	0	0	0	0	0	0	0	0	0	0	0
South Pacific	North America	0	10	2	2	2	2	2	2	2	2	2
South Pacific	South America	32	203	515	512	507	467	440	442	447	446	436
South Pacific	Caribbean	0	46	768	772	774	788	798	803	805	801	793
North Pacific	Africa	0	2	31	31	31	28	26	26	26	26	25
North Pacific	Asia	3,462	396	4,349	4,273	4,292	3,555	2,983	2,470	1,668	1,053	609
North Pacific	Europe	76	117	52	52	50	47	46	49	55	63	73
North Pacific	Mideast	0	0	0	0	0	0	0	0	0	0	0
North Pacific	North America	0	1	0	0	0	0	0	0	0	0	0
North Pacific	South America	60	6	67	70	71	78	85	92	103	114	127
North Pacific	Caribbean		1	1,155	1,162	1,164	1,186	1,201	1,209	1,212	1,206	1,194
Great Lakes	Africa	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	Asia	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	Europe	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	Mideast	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	North America	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	South America	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	Caribbean	0	0	0	0	0	0	0	0	0	0	0
Total		**32,281**	**41,411**	**78,011**	**77,824**	**77,248**	**71,397**	**67,081**	**64,547**	**61,487**	**61,369**	**65,065**
Average Annual Growth Rate			**5.11%**	**23.50%**	**-0.24%**	**-0.74%**	**-1.56%**	**-1.24%**	**-0.77%**	**-0.48%**	**-0.02%**	**0.59%**

Containerized US Commodity Forecast For HI-TECH PRODUCTS
Sorted by ORIGIN, by Major Region, 1995-2050, Selected Years
(TEUs)

Origin	Destination	1995	2000	2003	2004	2005	2010	2015	2020	2030	2040	2050
North Atlantic	Africa	344	418	410	423	432	564	713	915	1,599	3,047	6,420
North Atlantic	Asia	3,455	4,716	7,437	7,764	8,347	11,352	15,323	21,329	43,180	89,843	188,232
North Atlantic	Europe	13,522	17,465	18,727	18,862	19,219	21,884	23,893	26,691	34,804	47,593	68,017
North Atlantic	Mideast	461	1,247	1,301	1,342	1,420	1,886	2,313	2,749	3,795	5,126	6,802
North Atlantic	North America	22	49	5	5	6	9	12	15	25	38	54
North Atlantic	South America	3,896	6,531	7,030	7,702	7,965	10,224	12,455	14,246	18,149	22,069	25,827
North Atlantic	Caribbean	92	141	412	432	456	629	948	1,531	3,886	9,531	21,968
South Atlantic	Africa	249	260	292	306	320	407	495	586	850	1,311	2,237
South Atlantic	Asia	2,334	1,344	1,555	1,687	1,819	2,587	3,593	5,117	10,631	22,588	47,881
South Atlantic	Europe	3,888	5,530	5,940	6,005	6,275	7,445	8,359	9,344	11,755	14,840	18,921
South Atlantic	Mideast	180	337	291	307	333	463	596	732	1,087	1,576	2,229
South Atlantic	North America	54	272	249	284	308	474	628	776	1,117	1,483	1,855
South Atlantic	South America	17,810	16,990	11,872	12,862	13,635	19,290	26,656	37,043	74,273	154,971	341,126
South Atlantic	Caribbean	1,937	2,654	4,194	4,403	4,644	6,458	9,912	16,514	43,758	110,377	258,793
Gulf Coast	Africa	54	337	174	182	189	243	292	336	434	543	661
Gulf Coast	Asia	404	531	433	469	508	766	1,132	1,744	4,100	9,539	22,450
Gulf Coast	Europe	5,168	8,421	7,497	7,407	7,597	8,536	9,149	9,872	11,861	14,708	19,090
Gulf Coast	Mideast	105	141	234	247	269	368	472	579	874	1,293	1,872
Gulf Coast	North America	57	155	216	245	266	414	556	695	1,025	1,397	1,794
Gulf Coast	South America	3,958	2,586	1,409	1,519	1,601	2,086	2,620	3,145	4,482	6,507	10,234
Gulf Coast	Caribbean	240	237	313	326	341	451	654	1,018	2,489	6,005	13,729
South Pacific	Africa	11	31	140	147	154	202	256	297	364	398	403
South Pacific	Asia	36,516	37,620	41,835	45,098	48,127	65,290	87,044	118,422	230,576	466,883	959,208
South Pacific	Europe	3,818	2,186	2,271	2,262	2,356	2,671	2,868	3,094	3,731	4,671	6,159
South Pacific	Mideast	111	86	1,237	1,413	1,620	1,747	1,972	2,211	2,646	2,932	3,073
South Pacific	North America	8	97	361	411	442	578	679	747	894	1,061	1,268
South Pacific	South America	4,522	5,568	2,433	2,596	2,741	3,676	4,792	6,055	9,861	16,770	30,421
South Pacific	Caribbean	55	77	213	234	257	417	674	1,042	2,412	5,365	11,394
North Pacific	Africa	0	7	4	5	5	6	8	9	12	15	19
North Pacific	Asia	7,111	4,996	5,630	6,048	6,558	8,648	11,389	15,336	28,699	55,130	107,868
North Pacific	Europe	92	690	76	77	81	91	99	109	137	175	223
North Pacific	Mideast	5	8	3	3	3	4	5	6	7	10	12
North Pacific	North America	3	4	5	5	5	7	8	10	15	20	27
North Pacific	South America	105	1,005	18	19	20	29	41	60	129	272	559
North Pacific	Caribbean	16	4	3	4	4	8	17	33	104	279	673
Great Lakes	Africa	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	Asia	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	Europe	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	Mideast	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	North America	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	South America	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	Caribbean	0	0	0	0	0	0	0	0	0	0	0
Total		**110,600**	**122,741**	**124,222**	**131,100**	**138,322**	**179,910**	**230,624**	**302,407**	**553,761**	**1,078,367**	**2,181,502**
Average Annual Growth Rate			**2.10%**	**0.40%**	**5.54%**	**5.51%**	**5.40%**	**5.09%**	**5.57%**	**6.24%**	**6.89%**	**7.30%**

Containerized US Commodity Forecast For INTERMEDIATE MANUFACTURED PRODUCTS
Sorted by ORIGIN, by Major Region, 1995-2050, Selected Years
(TEUs)

Origin	Destination	1995	2000	2003	2004	2005	2010	2015	2020	2030	2040	2050
North Atlantic	Africa	1,519	1,652	2,734	2,645	2,568	3,011	3,408	3,721	4,349	4,985	5,627
North Atlantic	Asia	34,969	39,525	50,312	52,654	54,576	67,986	84,935	102,292	154,983	250,859	430,162
North Atlantic	Europe	32,650	40,143	63,280	65,186	68,367	82,429	97,885	113,966	156,185	223,111	344,059
North Atlantic	Mideast	5,026	4,505	5,158	5,285	5,219	6,377	7,328	8,089	9,736	11,559	13,617
North Atlantic	North America	99	43	117	128	134	164	195	218	259	292	314
North Atlantic	South America	23,580	14,742	12,995	13,870	14,108	16,187	18,486	20,371	24,314	28,530	33,115
North Atlantic	Caribbean	1,109	818	1,179	1,171	1,173	1,335	1,786	2,690	7,068	17,939	37,230
South Atlantic	Africa	730	657	656	612	571	694	797	896	1,103	1,312	1,510
South Atlantic	Asia	16,006	21,345	31,432	33,063	34,636	42,209	51,855	61,708	92,088	149,580	262,058
South Atlantic	Europe	15,308	20,883	23,085	23,631	24,112	28,306	32,482	36,719	47,802	65,365	97,151
South Atlantic	Mideast	1,773	2,047	1,637	1,660	1,667	1,985	2,302	2,591	3,258	4,080	5,112
South Atlantic	North America	462	869	1,633	1,813	2,004	3,035	4,346	5,643	8,788	12,977	18,432
South Atlantic	South America	46,978	29,513	25,344	26,847	27,492	31,750	36,099	39,658	46,959	54,603	62,815
South Atlantic	Caribbean	10,083	9,615	9,767	9,998	10,284	12,738	17,636	26,564	67,884	169,106	348,179
Gulf Coast	Africa	463	987	545	534	520	604	665	731	870	1,013	1,155
Gulf Coast	Asia	5,028	2,288	24,064	25,017	25,727	31,903	39,537	46,961	68,972	105,843	169,199
Gulf Coast	Europe	11,346	15,002	19,515	19,902	20,530	25,050	29,743	33,739	42,391	52,728	66,074
Gulf Coast	Mideast	1,200	955	797	795	774	973	1,173	1,414	2,077	3,084	4,575
Gulf Coast	North America	1,331	1,806	2,665	2,925	3,145	4,238	5,579	6,768	9,486	12,873	17,090
Gulf Coast	South America	19,458	19,246	12,524	13,252	13,513	15,136	16,728	18,097	20,916	23,839	26,946
Gulf Coast	Caribbean	5,154	6,029	4,872	5,012	5,133	6,016	7,758	10,950	26,136	63,883	130,968
South Pacific	Africa	9	85	137	132	130	157	181	201	235	262	278
South Pacific	Asia	142,664	128,611	140,872	147,481	154,565	192,211	240,569	290,155	438,581	706,598	1,195,344
South Pacific	Europe	3,407	3,274	21,065	22,062	24,503	32,988	42,731	51,545	69,807	90,510	114,298
South Pacific	Mideast	198	109	92	93	92	107	122	138	178	229	296
South Pacific	North America	68	955	4,218	4,432	4,577	4,952	5,395	5,587	5,774	5,864	5,956
South Pacific	South America	3,457	2,180	2,669	2,766	2,802	3,218	3,784	4,483	6,370	8,727	11,301
South Pacific	Caribbean	362	688	999	1,028	1,064	1,353	1,918	2,963	7,856	19,911	41,275
North Pacific	Africa	0	28	26	26	27	32	37	42	50	58	64
North Pacific	Asia	68,984	25,319	30,757	32,397	34,000	40,235	48,742	57,968	86,729	139,338	234,969
North Pacific	Europe	461	455	786	820	887	1,194	1,506	1,956	3,648	6,797	11,575
North Pacific	Mideast	7	2	1	1	1	2	2	2	3	4	4
North Pacific	North America	365	267	264	276	281	374	478	567	739	915	1,102
North Pacific	South America	371	157	123	122	117	107	107	109	118	133	151
North Pacific	Caribbean	15	10	3	4	4	6	10	17	47	123	257
Great Lakes	Africa	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	Asia	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	Europe	6	0	0	0	0	0	0	0	0	0	0
Great Lakes	Mideast	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	North America	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	South America	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	Caribbean	0	0	0	0	0	0	0	0	0	0	0
Total		**454,646**	**394,810**	**496,325**	**517,641**	**539,304**	**659,061**	**806,305**	**959,521**	**1,415,759**	**2,237,029**	**3,692,261**
Average Annual Growth Rate			**-2.78%**	**7.93%**	**4.29%**	**4.19%**	**4.09%**	**4.12%**	**3.54%**	**3.97%**	**4.68%**	**5.14%**

Containerized US Commodity Forecast For MATERIALS
Sorted by ORIGIN, by Major Region, 1995-2050, Selected Years
(TEUs)

Origin	Destination	1995	2000	2003	2004	2005	2010	2015	2020	2030	2040	2050
North Atlantic	Africa	3,716	2,333	3,160	3,103	2,982	3,003	3,007	3,055	3,258	3,558	4,102
North Atlantic	Asia	132,088	155,017	310,290	311,946	299,258	244,281	208,855	198,725	182,022	174,138	172,789
North Atlantic	Europe	70,605	51,671	50,203	52,830	52,815	42,673	39,231	40,266	47,984	69,694	122,741
North Atlantic	Mideast	8,712	11,225	5,918	6,010	6,122	5,561	5,312	5,412	5,709	6,147	6,750
North Atlantic	North America	1,421	748	585	594	606	629	683	751	892	1,042	1,200
North Atlantic	South America	24,727	24,537	23,422	23,509	22,891	21,533	21,177	21,588	23,056	24,762	26,442
North Atlantic	Caribbean	1,858	2,958	6,161	6,702	7,320	11,494	18,462	27,676	60,465	126,518	254,044
South Atlantic	Africa	887	1,440	767	741	706	696	685	677	721	723	730
South Atlantic	Asia	98,981	117,171	131,992	136,344	134,522	124,330	119,946	127,142	148,625	177,301	207,575
South Atlantic	Europe	62,479	79,521	86,930	92,490	95,073	81,514	77,755	81,053	90,039	103,105	120,888
South Atlantic	Mideast	10,612	13,959	14,209	14,104	13,824	13,565	13,230	13,497	14,338	15,472	16,908
South Atlantic	North America	1,513	2,898	1,574	1,594	1,627	1,626	1,695	1,695	1,664	1,712	1,826
South Atlantic	South America	52,432	57,240	48,949	49,596	49,051	48,389	48,700	50,102	55,007	60,579	66,583
South Atlantic	Caribbean	18,451	25,446	56,765	63,804	71,886	126,756	218,754	339,746	774,089	1,655,170	3,362,470
Gulf Coast	Africa	1,038	1,088	1,658	1,600	1,535	1,424	1,349	1,285	1,223	1,197	1,211
Gulf Coast	Asia	26,143	21,311	18,776	18,968	18,165	15,513	14,237	14,716	16,643	19,520	22,755
Gulf Coast	Europe	28,903	33,201	29,385	31,318	32,080	28,484	27,848	28,998	32,258	37,423	44,978
Gulf Coast	Mideast	3,624	5,712	3,367	3,347	3,270	3,452	3,570	3,782	4,300	4,947	5,742
Gulf Coast	North America	939	5,216	13,431	13,303	13,477	13,230	13,295	13,293	13,221	13,519	14,101
Gulf Coast	South America	17,093	13,343	10,830	10,782	10,577	10,098	10,012	10,236	10,968	11,834	12,713
Gulf Coast	Caribbean	19,462	27,055	48,224	51,235	54,635	77,156	113,609	161,142	328,103	659,693	1,294,578
South Pacific	Africa	114	195	286	272	264	245	225	205	192	167	145
South Pacific	Asia	350,301	345,535	633,175	630,377	602,069	499,603	425,670	396,400	344,844	314,220	303,726
South Pacific	Europe	6,710	2,990	1,704	1,840	1,845	1,513	1,372	1,310	1,214	1,152	1,125
South Pacific	Mideast	290	242	136	134	132	129	126	121	116	117	123
South Pacific	North America	52	193	140	138	143	156	168	174	187	207	234
South Pacific	South America	11,861	12,409	15,828	15,142	14,446	11,829	10,030	8,700	7,217	6,748	6,781
South Pacific	Caribbean	1,604	5,733	14,210	16,260	18,619	34,689	61,685	97,147	224,804	484,382	988,022
North Pacific	Africa	24	92	69	69	70	70	67	65	63	63	63
North Pacific	Asia	265,472	194,454	209,005	213,163	206,668	184,567	171,855	173,859	184,162	199,730	214,942
North Pacific	Europe	2,094	632	875	957	985	829	777	777	810	919	1,206
North Pacific	Mideast	1	2	26	26	25	24	23	20	15	11	9
North Pacific	North America	156	67	280	284	288	296	318	346	407	475	545
North Pacific	South America	867	1,166	606	605	598	580	582	600	647	698	744
North Pacific	Caribbean	0	119	222	234	246	330	463	636	1,236	2,415	4,659
Great Lakes	Africa	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	Asia	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	Europe	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	Mideast	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	North America	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	South America	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	Caribbean	0	0	0	0	0	0	0	0	0	0	0
Total		**1,225,228**	**1,216,922**	**1,743,159**	**1,773,421**	**1,738,822**	**1,610,270**	**1,634,773**	**1,825,194**	**2,580,498**	**4,179,359**	**7,283,450**
Average Annual Growth Rate			**-0.14%**	**12.73%**	**1.74%**	**-1.95%**	**-1.52%**	**0.30%**	**2.23%**	**3.52%**	**4.94%**	**5.71%**

Containerized US Commodity Forecast For ALL COMMODITIES
Sorted by ORIGIN, by Major Region, 1995-2050, Selected Years
(TEUs)

Origin	Destination	1995	2000	2003	2004	2005	2010	2015	2020	2030	2040	2050
North Atlantic	Africa	17,714	15,201	24,691	24,530	24,633	27,559	29,548	31,229	35,108	40,155	47,995
North Atlantic	Asia	310,054	319,145	558,179	570,496	566,122	556,525	574,208	633,137	833,846	1,237,439	2,040,377
North Atlantic	Europe	393,819	405,608	439,053	451,167	458,574	516,885	569,824	632,804	805,392	1,080,815	1,548,565
North Atlantic	Mideast	32,235	40,396	40,944	42,447	44,335	49,358	53,501	58,232	69,014	81,665	96,539
North Atlantic	North America	2,196	1,973	1,703	1,729	1,777	1,987	2,142	2,356	2,798	3,276	3,784
North Atlantic	South America	139,930	134,698	124,654	130,986	132,473	150,080	164,053	177,505	209,005	247,137	292,045
North Atlantic	Caribbean	6,080	11,823	19,089	20,350	21,646	28,779	37,402	49,004	90,536	175,411	337,142
South Atlantic	Africa	6,928	8,401	6,455	6,383	6,439	7,400	8,065	8,805	10,702	13,381	17,816
South Atlantic	Asia	281,296	332,102	464,106	483,674	491,975	523,576	564,710	631,311	832,835	1,186,089	1,805,039
South Atlantic	Europe	230,004	275,207	329,724	341,682	344,962	356,716	377,072	405,753	482,644	597,086	762,937
South Atlantic	Mideast	22,439	32,412	39,473	39,410	39,498	47,698	51,478	56,456	68,354	82,741	99,427
South Atlantic	North America	5,091	10,427	14,625	15,454	16,111	19,669	22,922	25,737	32,090	39,707	48,805
South Atlantic	South America	270,767	257,994	214,724	225,095	228,939	260,479	292,084	328,407	444,435	652,027	1,015,889
South Atlantic	Caribbean	72,902	115,722	127,923	137,013	147,072	210,712	312,874	451,900	961,834	2,020,247	4,065,810
Gulf Coast	Africa	5,776	10,187	11,741	11,620	11,628	13,448	15,266	17,894	26,953	43,270	68,949
Gulf Coast	Asia	95,974	69,056	109,465	113,331	115,021	128,545	148,131	176,022	268,491	449,707	797,829
Gulf Coast	Europe	213,093	258,827	295,708	300,263	300,211	326,356	349,762	375,911	448,293	559,316	732,018
Gulf Coast	Mideast	19,639	31,953	44,049	44,804	45,718	56,262	62,652	69,706	85,933	105,136	127,154
Gulf Coast	North America	7,123	27,192	220,425	236,959	251,967	344,664	395,166	444,464	546,896	655,735	769,447
Gulf Coast	South America	189,223	201,876	194,628	204,612	206,964	233,107	258,732	288,242	378,377	534,669	772,870
Gulf Coast	Caribbean	70,459	99,379	135,059	140,617	146,153	177,090	221,753	279,860	480,613	873,409	1,603,338
South Pacific	Africa	861	754	1,156	1,111	1,094	1,309	1,449	1,566	1,804	1,998	2,170
South Pacific	Asia	1,636,745	1,586,577	1,991,897	2,047,080	2,064,261	2,217,863	2,381,638	2,652,889	3,496,334	5,098,038	8,191,244
South Pacific	Europe	70,917	74,394	91,528	93,108	94,447	111,297	125,808	139,777	171,636	212,992	270,620
South Pacific	Mideast	2,940	5,291	8,127	8,482	8,764	10,827	12,144	13,470	16,349	19,443	22,686
South Pacific	North America	710	7,406	7,472	7,998	8,368	9,986	11,360	12,276	13,863	15,367	16,982
South Pacific	South America	38,624	40,237	40,102	40,432	40,546	42,622	45,077	48,790	61,620	83,315	116,636
South Pacific	Caribbean	3,720	10,357	23,149	25,515	28,177	45,666	73,934	111,269	246,259	522,132	1,054,595
North Pacific	Africa	272	327	776	759	736	848	875	930	1,021	1,111	1,201
North Pacific	Asia	906,658	762,800	822,420	854,304	874,974	974,426	1,039,333	1,131,816	1,374,465	1,729,282	2,297,663
North Pacific	Europe	20,917	19,449	24,462	25,532	25,957	27,827	28,471	30,270	36,726	47,347	63,824
North Pacific	Mideast	149	425	653	647	659	762	849	944	1,146	1,381	1,653
North Pacific	North America	1,673	2,471	1,730	1,720	1,764	2,164	2,470	2,738	3,267	3,802	4,345
North Pacific	South America	6,967	8,174	7,085	7,365	7,529	8,537	9,235	9,963	11,516	13,468	16,031
North Pacific	Caribbean	98	788	1,780	1,830	1,875	2,119	2,347	2,607	3,416	4,946	7,816
Great Lakes	Africa	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	Asia	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	Europe	6	0	0	0	0	0	0	0	0	0	0
Great Lakes	Mideast	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	North America	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	South America	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	Caribbean	0	0	0	0	0	0	0	0	0	0	0
Total		**5,083,997**	**5,179,030**	**6,438,753**	**6,658,504**	**6,761,368**	**7,493,146**	**8,246,337**	**9,304,038**	**12,553,568**	**18,433,039**	**29,121,240**
Average Annual Growth Rate			**0.37%**	**7.53%**	**3.41%**	**1.54%**	**2.08%**	**1.93%**	**2.44%**	**3.04%**	**3.92%**	**4.68%**

Containerized U.S. Commodity By Destination (TEUs)

Containerized US Commodity Forecast For AGRICULTURE COMMODITIES
Sorted by DESTINATION, by Major Region, 1995-2050, Selected Years
(TEUs)

Destination	Origin	1995	2000	2003	2004	2005	2010	2015	2020	2030	2040	2050
North Atlantic	Africa	532	4,969	5,495	5,266	5,311	5,277	5,110	4,592	4,266	3,965	3,756
North Atlantic	Asia	13,947	16,911	26,781	26,957	28,034	29,008	29,227	24,729	25,963	27,743	30,027
North Atlantic	Europe	18,754	42,156	55,782	54,067	53,364	61,950	61,553	55,444	54,609	56,506	59,848
North Atlantic	Mideast	2,112	3,154	4,951	5,545	6,231	7,467	8,346	5,340	6,198	7,167	8,253
North Atlantic	North America	1,241	2,158	903	903	887	761	722	701	783	933	1,130
North Atlantic	South America	19,341	37,133	67,880	67,970	69,950	77,014	84,487	90,792	110,780	135,072	163,371
North Atlantic	Caribbean	561	4,752	6,437	6,286	6,192	5,456	5,126	4,657	3,853	3,240	2,809
South Atlantic	Africa	370	227	106	109	117	113	111	74	73	72	70
South Atlantic	Asia	5,211	4,435	9,102	9,338	9,606	10,451	10,871	11,029	12,416	14,148	16,152
South Atlantic	Europe	3,821	19,271	19,350	18,661	18,525	23,485	24,626	23,418	23,716	25,108	27,293
South Atlantic	Mideast	202	623	432	471	524	607	663	684	776	877	989
South Atlantic	North America	221	1,971	802	801	806	809	813	827	888	975	1,082
South Atlantic	South America	26,586	39,119	60,872	61,363	64,253	73,457	77,073	79,379	83,728	86,843	88,774
South Atlantic	Caribbean	9,761	16,405	12,991	13,149	13,182	13,203	13,479	13,446	13,353	12,872	11,932
Gulf Coast	Africa	301	131	186	199	214	240	252	219	247	280	320
Gulf Coast	Asia	2,635	2,756	4,262	4,377	4,328	3,930	3,717	3,634	3,816	4,182	4,652
Gulf Coast	Europe	1,618	2,990	8,466	8,420	8,350	9,634	9,920	9,535	9,452	9,514	9,616
Gulf Coast	Mideast	155	55	216	236	269	331	372	399	468	545	630
Gulf Coast	North America	8,712	8,806	2,043	1,880	1,661	918	546	330	125	49	22
Gulf Coast	South America	18,634	43,130	66,732	66,958	68,911	73,219	73,729	73,605	73,717	73,069	71,439
Gulf Coast	Caribbean	12,716	10,181	4,842	4,600	4,467	3,638	3,117	2,557	1,834	1,374	1,087
South Pacific	Africa	23	73	60	67	75	88	98	75	92	111	132
South Pacific	Asia	21,727	47,071	77,434	77,739	80,635	86,900	91,417	87,638	100,151	115,486	132,971
South Pacific	Europe	2,820	3,231	5,318	5,308	5,347	6,243	6,455	6,349	7,111	8,067	9,125
South Pacific	Mideast	163	149	172	188	203	216	223	156	168	186	207
South Pacific	North America	1,455	1,164	616	655	698	769	858	783	991	1,243	1,536
South Pacific	South America	6,970	11,329	12,370	12,961	13,331	13,707	13,938	12,985	13,030	13,316	13,868
South Pacific	Caribbean	1,986	11,560	21,388	22,900	23,617	19,245	18,549	16,583	12,259	8,379	5,450
North Pacific	Africa	2	2	1	1	1	0	0	0	0	0	0
North Pacific	Asia	4,901	10,656	19,453	18,750	19,095	19,455	19,956	18,599	20,967	24,149	27,879
North Pacific	Europe	22	422	439	439	440	457	466	465	489	522	563
North Pacific	Mideast	5	3	4	5	5	5	5	6	6	6	7
North Pacific	North America	5,422	1,569	2,288	2,655	3,011	3,804	4,542	5,251	6,831	8,653	10,724
North Pacific	South America	5,022	1,935	2,742	2,712	2,758	2,850	3,018	3,172	3,638	4,243	4,978
North Pacific	Caribbean	438	1,090	1,410	1,373	1,349	1,162	1,068	948	721	537	400
Great Lakes	Africa	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	Asia	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	Europe	0	1	0	0	0	0	0	0	0	0	0
Great Lakes	Mideast	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	North America	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	South America	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	Caribbean	0	0	0	0	0	0	0	0	0	0	0
Total		**198,388**	**351,586**	**502,330**	**503,308**	**515,745**	**555,871**	**574,453**	**558,402**	**597,517**	**649,432**	**711,090**
Average Annual Growth Rate			**12.13%**	**12.63%**	**0.19%**	**2.47%**	**1.51%**	**0.66%**	**-0.57%**	**0.68%**	**0.84%**	**0.91%**

Containerized US Commodity Forecast For CAPITAL EQUIPMENT
Sorted by DESTINATION, by Major Region, 1995-2050, Selected Years
(TEUs)

Destination	Origin	1995	2000	2003	2004	2005	2010	2015	2020	2030	2040	2050
North Atlantic	Africa	927	2,953	3,565	3,994	4,560	7,480	9,399	11,368	16,204	22,380	29,972
North Atlantic	Asia	32,237	51,129	85,169	92,079	99,408	135,621	159,490	182,881	240,693	314,041	400,341
North Atlantic	Europe	105,139	152,481	154,596	166,370	182,206	251,157	293,848	336,689	434,131	542,574	653,441
North Atlantic	Mideast	2,349	2,986	7,058	6,974	7,144	9,702	10,986	11,992	14,463	17,512	21,027
North Atlantic	North America	118	150	169	187	202	272	324	375	502	668	876
North Atlantic	South America	26,108	33,767	53,740	60,239	62,206	82,881	100,079	116,564	155,086	199,537	248,770
North Atlantic	Caribbean	1	17	3	3	4	7	10	13	22	36	55
South Atlantic	Africa	2,107	1,307	5,119	5,679	6,467	10,354	12,377	14,250	18,459	23,256	28,517
South Atlantic	Asia	36,023	55,605	86,344	94,423	103,800	154,748	197,360	244,773	377,853	581,256	877,026
South Atlantic	Europe	46,457	87,427	110,164	113,615	122,141	187,816	233,101	281,413	400,042	550,035	730,324
South Atlantic	Mideast	2,523	2,956	5,683	6,156	6,925	11,023	13,692	16,374	23,075	31,723	42,334
South Atlantic	North America	1,027	2,030	4,267	4,814	5,432	8,541	10,706	12,897	18,174	24,715	32,446
South Atlantic	South America	15,769	23,089	27,048	30,379	33,165	48,465	59,545	70,855	99,253	136,272	182,562
South Atlantic	Caribbean	385	1,199	748	852	955	1,530	1,850	2,139	2,793	3,542	4,358
Gulf Coast	Africa	359	620	451	499	556	763	876	974	1,193	1,441	1,710
Gulf Coast	Asia	3,578	5,164	6,624	7,365	8,223	12,425	15,811	19,421	29,349	43,992	64,635
Gulf Coast	Europe	22,788	36,944	44,173	48,825	54,611	72,010	85,265	100,480	139,702	191,319	254,699
Gulf Coast	Mideast	560	545	2,976	3,211	3,587	5,431	6,776	8,180	11,855	16,822	23,183
Gulf Coast	North America	569	816	839	974	1,125	1,252	1,456	1,692	2,307	3,132	4,179
Gulf Coast	South America	7,266	10,887	90,173	101,895	114,835	178,312	220,900	262,744	362,341	483,949	625,834
Gulf Coast	Caribbean	952	4,294	16,333	19,014	21,855	30,453	35,541	39,970	50,706	63,954	79,530
South Pacific	Africa	16	206	354	404	460	616	736	854	1,141	1,500	1,929
South Pacific	Asia	426,067	595,394	732,303	793,347	861,682	1,214,076	1,450,700	1,685,942	2,255,148	2,958,491	3,768,431
South Pacific	Europe	11,035	17,884	15,988	17,039	18,700	27,770	33,854	40,233	55,794	75,271	98,439
South Pacific	Mideast	189	626	850	932	1,076	1,920	2,595	3,325	5,281	8,071	11,879
South Pacific	North America	181	1,051	1,684	1,906	2,153	3,384	4,187	4,980	6,857	9,141	11,797
South Pacific	South America	301	303	436	485	531	824	1,012	1,190	1,617	2,155	2,813
South Pacific	Caribbean	17	24	28	32	35	56	68	79	104	131	161
North Pacific	Africa	1	6	25	27	30	48	58	67	88	114	144
North Pacific	Asia	169,614	193,793	219,007	242,411	267,859	394,736	478,502	560,734	756,317	993,921	1,265,530
North Pacific	Europe	837	1,620	1,931	2,169	2,474	3,551	4,467	5,484	8,143	11,797	16,593
North Pacific	Mideast	0	10	15	14	16	26	33	40	59	84	118
North Pacific	North America	712	90	265	300	339	514	619	717	946	1,219	1,531
North Pacific	South America	27	10	58	64	69	114	147	180	263	375	519
North Pacific	Caribbean	0	1	0	0	0	0	0	1	1	1	2
Great Lakes	Africa	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	Asia	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	Europe	169	30	64	70	79	110	129	142	167	189	205
Great Lakes	Mideast	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	North America	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	South America	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	Caribbean	0	0	0	0	0	0	0	0	0	0	0
Total		**916,410**	**1,287,409**	**1,678,250**	**1,826,748**	**1,994,911**	**2,857,989**	**3,446,498**	**4,040,010**	**5,490,128**	**7,314,619**	**9,485,907**
Average Annual Growth Rate			**7.03%**	**9.24%**	**8.85%**	**9.21%**	**7.46%**	**3.82%**	**3.23%**	**3.11%**	**2.91%**	**2.63%**

Containerized US Commodity Forecast For CHEMICALS
Sorted by DESTINATION, by Major Region, 1995-2050, Selected Years
(TEUs)

Destination	Origin	1995	2000	2003	2004	2005	2010	2015	2020	2030	2040	2050
North Atlantic	Africa	296	855	1,453	1,518	1,640	2,074	2,526	2,963	4,187	6,083	8,990
North Atlantic	Asia	24,852	35,872	51,590	53,567	57,449	69,705	77,396	83,394	99,760	124,218	158,514
North Atlantic	Europe	76,405	100,970	120,917	121,878	128,160	161,116	168,978	170,745	189,193	220,149	255,919
North Atlantic	Mideast	5,999	10,744	14,340	14,356	14,841	16,240	17,261	18,449	22,044	27,136	33,602
North Atlantic	North America	530	137	129	140	155	186	199	207	222	236	249
North Atlantic	South America	9,959	16,089	24,597	25,535	27,143	30,454	33,384	34,601	37,655	41,722	47,098
North Atlantic	Caribbean	26	84	28	32	37	52	60	66	77	88	99
South Atlantic	Africa	329	849	478	518	563	666	802	913	1,193	1,562	2,040
South Atlantic	Asia	17,985	30,944	42,280	42,502	43,749	46,773	50,391	53,004	62,271	78,566	103,754
South Atlantic	Europe	28,830	41,033	48,990	49,133	51,265	65,914	71,133	73,595	88,203	114,961	151,493
South Atlantic	Mideast	2,492	2,749	7,218	6,909	6,993	6,771	6,479	6,097	5,837	6,263	7,069
South Atlantic	North America	2,606	2,281	2,118	2,102	2,158	2,407	2,588	2,634	2,765	2,961	3,204
South Atlantic	South America	7,578	9,779	12,049	12,016	12,504	14,802	16,709	17,885	20,668	24,292	29,094
South Atlantic	Caribbean	128	1,181	338	389	453	652	797	955	1,363	1,934	2,710
Gulf Coast	Africa	143	983	1,430	1,389	1,435	1,724	1,920	2,026	2,239	2,467	2,725
Gulf Coast	Asia	6,000	11,613	9,895	10,083	10,664	12,200	13,084	13,301	13,874	14,817	16,127
Gulf Coast	Europe	35,627	47,764	57,414	59,963	64,927	85,985	94,480	99,126	117,977	151,070	195,812
Gulf Coast	Mideast	1,007	1,517	2,417	2,355	2,391	2,402	2,371	2,367	2,502	2,828	3,271
Gulf Coast	North America	5,242	2,402	7,920	7,803	8,110	9,175	9,795	9,960	10,516	11,523	13,124
Gulf Coast	South America	5,668	11,583	11,638	11,919	12,577	14,232	15,799	16,553	18,477	21,177	25,003
Gulf Coast	Caribbean	71	785	662	741	830	1,099	1,345	1,579	2,173	2,983	4,068
South Pacific	Africa	3	7	4	4	4	5	7	8	10	13	16
South Pacific	Asia	74,267	147,998	179,416	186,481	198,759	248,172	288,579	324,852	419,498	552,950	726,839
South Pacific	Europe	9,819	6,871	10,853	10,832	11,285	13,910	14,604	14,695	15,626	17,223	18,964
South Pacific	Mideast	559	578	825	850	898	1,166	1,397	1,656	2,385	3,466	4,995
South Pacific	North America	641	882	2,023	2,109	2,192	2,307	2,466	2,457	2,450	2,459	2,501
South Pacific	South America	399	491	1,432	1,433	1,480	1,671	1,849	1,917	2,068	2,245	2,465
South Pacific	Caribbean	5	51	158	181	210	299	362	432	613	869	1,218
North Pacific	Africa	0	2	0	0	0	0	0	1	1	1	1
North Pacific	Asia	25,020	30,670	44,119	44,519	46,555	56,209	63,003	68,539	83,704	105,914	135,171
North Pacific	Europe	173	222	853	846	932	1,219	1,324	1,393	1,477	1,425	1,304
North Pacific	Mideast	2	9	143	159	174	267	345	426	638	939	1,361
North Pacific	North America	396	134	81	75	74	75	71	65	53	43	33
North Pacific	South America	17	45	37	38	39	43	47	49	51	54	57
North Pacific	Caribbean	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	Africa	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	Asia	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	Europe	14	4	21	24	28	40	51	62	94	140	203
Great Lakes	Mideast	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	North America	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	South America	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	Caribbean	0	0	0	0	0	0	0	0	0	0	0
Total		**343,089**	**518,179**	**657,869**	**672,401**	**710,674**	**870,013**	**961,604**	**1,026,970**	**1,231,863**	**1,544,776**	**1,959,094**
Average Annual Growth Rate			**8.60%**	**8.28%**	**2.21%**	**5.69%**	**4.13%**	**2.02%**	**1.32%**	**1.84%**	**2.29%**	**2.40%**

Containerized US Commodity Forecast For CONSUMER GOODS
Sorted by DESTINATION, by Major Region, 1995-2050, Selected Years
(TEUs)

Destination	Origin	1995	2000	2003	2004	2005	2010	2015	2020	2030	2040	2050
North Atlantic	Africa	2,562	5,168	18,944	21,091	23,439	29,981	33,578	35,238	41,658	44,610	48,768
North Atlantic	Asia	113,503	216,845	387,030	406,925	442,126	630,475	740,474	859,751	1,149,556	1,510,453	1,940,144
North Atlantic	Europe	75,683	162,209	170,283	186,065	201,042	262,357	313,566	364,789	497,705	679,975	912,305
North Atlantic	Mideast	10,753	17,854	24,876	28,406	32,320	33,794	38,274	43,484	55,927	70,059	84,642
North Atlantic	North America	44	366	867	933	995	1,268	1,442	1,638	2,128	2,744	3,485
North Atlantic	South America	7,985	14,175	29,488	32,077	32,014	45,750	51,505	61,424	87,701	123,294	168,918
North Atlantic	Caribbean	121	3,324	4,370	4,390	4,493	4,738	4,850	4,911	5,063	5,132	5,125
South Atlantic	Africa	1,065	3,065	3,091	3,289	3,521	4,703	5,484	6,225	7,860	9,680	11,643
South Atlantic	Asia	64,866	178,257	317,544	344,968	387,159	624,221	802,546	1,015,118	1,597,744	2,450,914	3,647,756
South Atlantic	Europe	21,286	50,178	58,893	63,477	67,305	83,115	94,411	102,452	120,753	145,381	176,849
South Atlantic	Mideast	2,230	6,493	10,171	11,743	13,426	17,586	22,071	27,664	43,254	66,549	100,177
South Atlantic	North America	659	2,414	1,748	1,921	2,102	2,865	3,470	4,115	5,677	7,644	10,042
South Atlantic	South America	16,620	26,301	32,981	34,730	36,123	45,590	51,427	58,542	76,104	97,726	123,317
South Atlantic	Caribbean	34,858	87,040	89,201	91,906	96,329	115,011	132,913	151,711	197,759	251,544	312,094
Gulf Coast	Africa	337	316	489	536	579	795	929	1,061	1,357	1,693	2,063
Gulf Coast	Asia	1,049	1,481	11,688	12,398	13,930	22,025	27,597	34,209	52,083	77,801	113,388
Gulf Coast	Europe	7,687	22,457	24,638	27,043	29,004	37,955	44,419	50,274	64,098	82,375	105,664
Gulf Coast	Mideast	253	477	1,220	1,398	1,574	2,030	2,537	3,125	4,686	6,886	9,882
Gulf Coast	North America	1,004	16,000	22,007	23,166	24,838	32,664	38,573	44,260	57,125	71,937	88,462
Gulf Coast	South America	1,756	2,347	4,502	4,900	4,895	6,752	7,305	8,206	10,306	12,745	15,459
Gulf Coast	Caribbean	5,946	30,947	47,583	48,895	51,231	60,875	70,326	80,130	104,062	131,830	162,867
South Pacific	Africa	282	283	627	671	728	1,025	1,282	1,556	2,230	3,081	4,102
South Pacific	Asia	713,850	1,436,756	1,947,727	2,025,738	2,194,055	3,057,743	3,519,272	4,026,637	5,231,691	6,665,806	8,285,348
South Pacific	Europe	15,120	28,367	33,675	36,414	39,551	51,102	60,076	67,983	88,927	120,630	164,199
South Pacific	Mideast	190	1,346	695	787	847	1,216	1,456	1,769	2,550	3,566	4,765
South Pacific	North America	559	1,411	5,003	5,698	5,858	8,847	10,876	13,120	18,741	26,135	35,540
South Pacific	South America	1,062	1,243	2,606	2,837	2,986	3,962	4,496	5,159	6,763	8,740	11,092
South Pacific	Caribbean	1,460	3,576	15,816	16,238	17,012	20,185	23,315	26,553	34,458	43,624	53,860
North Pacific	Africa	3	14	42	47	50	72	87	103	140	185	236
North Pacific	Asia	183,707	275,691	326,084	339,644	368,169	514,268	592,232	678,701	885,198	1,131,597	1,409,925
North Pacific	Europe	466	712	771	849	889	1,164	1,342	1,504	1,852	2,225	2,605
North Pacific	Mideast	3	6	171	195	206	300	381	470	697	999	1,381
North Pacific	North America	217	104	240	262	291	392	472	562	786	1,077	1,439
North Pacific	South America	72	219	313	352	382	545	643	746	990	1,294	1,663
North Pacific	Caribbean	10	6	7	8	9	11	12	15	21	29	38
Great Lakes	Africa	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	Asia	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	Europe	3	5	3	3	3	3	2	2	2	2	3
Great Lakes	Mideast	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	North America	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	South America	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	Caribbean	0	0	0	0	0	0	0	0	0	0	0
Total		**1,287,273**	**2,597,457**	**3,595,392**	**3,779,995**	**4,099,478**	**5,725,385**	**6,703,643**	**7,783,208**	**10,457,654**	**13,859,959**	**18,019,248**
Average Annual Growth Rate			**15.07%**	**11.45%**	**5.13%**	**8.45%**	**6.91%**	**3.21%**	**3.03%**	**3.00%**	**2.86%**	**2.66%**

Containerized US Commodity Forecast For EXTRACTIVE COMMODITIES
Sorted by DESTINATION, by Major Region, 1995-2050, Selected Years
(TEUs)

Destination	Origin	1995	2000	2003	2004	2005	2010	2015	2020	2030	2040	2050
North Atlantic	Africa	350	720	1,448	1,464	1,537	1,759	1,774	1,731	1,678	1,651	1,641
North Atlantic	Asia	1,549	1,384	1,576	1,583	1,560	1,711	1,724	1,706	1,731	1,816	1,953
North Atlantic	Europe	11,390	10,407	10,894	9,937	9,228	11,180	8,245	5,649	2,944	1,857	1,442
North Atlantic	Mideast	312	2,030	248	271	291	279	270	252	223	198	178
North Atlantic	North America	15	26	28	29	28	31	34	37	45	54	64
North Atlantic	South America	760	1,832	960	986	966	1,068	1,076	1,049	1,004	963	924
North Atlantic	Caribbean	1	3	0	0	0	0	0	0	0	0	0
South Atlantic	Africa	83	98	76	79	83	104	116	124	146	173	205
South Atlantic	Asia	86	162	75	79	77	92	98	102	111	122	136
South Atlantic	Europe	2,225	4,311	35,418	32,299	32,261	50,229	52,935	54,224	57,744	62,138	68,084
South Atlantic	Mideast	652	1,387	477	545	624	648	698	727	796	879	975
South Atlantic	North America	157	179	260	263	245	240	233	225	209	193	178
South Atlantic	South America	2,400	2,540	2,635	2,835	2,859	2,866	2,832	2,806	2,789	2,831	2,937
South Atlantic	Caribbean	231	85	86	92	93	87	81	75	64	55	46
Gulf Coast	Africa	258	209	202	217	245	288	296	295	296	300	307
Gulf Coast	Asia	285	582	640	643	635	691	678	647	591	535	481
Gulf Coast	Europe	1,455	6,631	4,039	3,619	3,343	3,703	2,446	1,543	735	457	353
Gulf Coast	Mideast	21	158	184	200	205	242	270	292	344	405	474
Gulf Coast	North America	635	463	411	417	391	382	369	355	327	300	275
Gulf Coast	South America	2,558	4,685	1,944	1,897	2,096	2,537	2,681	2,748	2,932	3,166	3,447
Gulf Coast	Caribbean	89	32	22	24	24	23	21	20	17	14	12
South Pacific	Africa	217	7	1	1	1	1	1	1	1	1	1
South Pacific	Asia	2,523	19,364	12,040	11,156	10,815	9,866	8,561	7,382	5,527	4,155	3,187
South Pacific	Europe	1,448	1,126	3,884	3,452	3,081	3,468	2,191	1,273	468	220	133
South Pacific	Mideast	27	753	202	226	246	270	296	314	355	405	462
South Pacific	North America	4	96	101	107	107	115	123	131	148	168	189
South Pacific	South America	294	443	1,150	1,237	1,238	1,466	1,642	1,803	2,202	2,721	3,382
South Pacific	Caribbean	1	48	58	65	67	71	74	78	85	91	97
North Pacific	Africa	1	11	0	0	0	0	0	0	0	0	0
North Pacific	Asia	1,271	2,478	2,049	1,937	1,872	1,764	1,581	1,403	1,121	904	744
North Pacific	Europe	75	6	15	14	13	15	14	13	12	10	8
North Pacific	Mideast	0	0	1	2	2	2	2	2	3	3	4
North Pacific	North America	3	54	43	44	43	47	51	55	65	76	90
North Pacific	South America	6	16	3	4	4	4	4	4	4	4	4
North Pacific	Caribbean	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	Africa	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	Asia	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	Europe	494	0	0	0	0	0	0	0	0	0	0
Great Lakes	Mideast	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	North America	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	South America	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	Caribbean	0	0	0	0	0	0	0	0	0	0	0
Total		**31,876**	**62,326**	**81,171**	**75,724**	**74,282**	**95,248**	**91,419**	**87,066**	**84,716**	**86,866**	**92,412**
Average Annual Growth Rate			**14.35%**	**9.21%**	**-6.71%**	**-1.90%**	**5.10%**	**-0.82%**	**-0.97%**	**-0.27%**	**0.25%**	**0.62%**

Containerized US Commodity Forecast For FOOD
Sorted by DESTINATION, by Major Region, 1995-2050, Selected Years
(TEUs)

Destination	Origin	1995	2000	2003	2004	2005	2010	2015	2020	2030	2040	2050
North Atlantic	Africa	3,218	4,016	5,347	6,138	7,076	9,793	10,644	11,443	13,064	14,713	16,374
North Atlantic	Asia	57,093	83,479	132,917	129,375	139,763	177,333	189,634	202,880	230,822	260,776	292,378
North Atlantic	Europe	144,953	254,378	289,208	310,295	341,572	377,835	386,766	395,014	409,490	417,243	418,687
North Atlantic	Mideast	12,111	8,988	12,193	13,634	15,478	19,660	21,380	22,926	26,067	29,191	32,195
North Atlantic	North America	1,876	540	1,377	1,426	1,545	1,767	1,727	1,689	1,590	1,472	1,359
North Atlantic	South America	47,016	51,481	75,386	79,492	82,104	96,901	100,241	103,972	111,636	118,596	125,644
North Atlantic	Caribbean	292	1,401	1,032	1,033	1,086	1,076	1,034	1,028	1,003	858	748
South Atlantic	Africa	603	1,046	2,572	2,710	2,897	3,417	3,585	3,746	4,077	4,418	4,763
South Atlantic	Asia	10,633	16,088	27,709	26,864	28,604	35,914	38,414	41,152	46,854	52,820	59,721
South Atlantic	Europe	30,411	62,000	67,643	73,871	82,789	94,014	102,004	111,200	132,323	154,922	178,727
South Atlantic	Mideast	1,252	1,871	2,018	2,269	2,606	3,960	4,370	4,781	5,725	6,795	7,950
South Atlantic	North America	576	3,459	3,770	3,833	3,908	4,190	4,258	4,380	4,665	4,971	5,335
South Atlantic	South America	20,134	30,228	40,537	42,363	43,328	50,133	52,490	55,851	62,859	69,154	75,482
South Atlantic	Caribbean	7,840	7,056	8,544	8,549	9,134	9,122	8,585	8,220	7,470	6,547	5,754
Gulf Coast	Africa	97	361	325	377	436	602	660	714	818	917	1,012
Gulf Coast	Asia	4,888	4,729	7,733	7,179	7,886	11,443	12,272	13,025	14,495	15,975	17,463
Gulf Coast	Europe	17,094	28,170	47,912	52,302	58,461	64,430	68,852	73,918	84,873	95,771	105,869
Gulf Coast	Mideast	433	244	479	542	612	673	743	811	969	1,161	1,392
Gulf Coast	North America	2,790	779	10,835	10,445	10,467	12,762	14,194	15,644	18,524	21,334	24,024
Gulf Coast	South America	5,791	7,814	9,391	9,955	10,524	12,150	12,530	12,847	13,374	13,758	14,069
Gulf Coast	Caribbean	2,887	1,335	2,045	2,076	2,223	2,368	2,348	2,307	2,160	1,960	1,769
South Pacific	Africa	112	215	433	505	593	802	917	1,037	1,290	1,555	1,822
South Pacific	Asia	103,095	167,611	211,963	209,550	226,124	274,268	289,480	305,488	338,646	373,634	409,982
South Pacific	Europe	38,926	68,233	79,025	87,253	98,048	109,985	119,393	129,568	151,162	172,215	191,157
South Pacific	Mideast	242	418	734	830	949	1,152	1,357	1,569	2,066	2,674	3,404
South Pacific	North America	2,016	9,319	46,775	45,330	49,800	50,799	46,947	43,790	38,331	34,033	30,782
South Pacific	South America	10,113	13,602	21,095	21,500	21,672	22,984	23,256	24,209	26,339	28,616	31,138
South Pacific	Caribbean	545	1,663	1,883	1,955	2,103	2,323	2,445	2,580	2,858	3,135	3,466
North Pacific	Africa	18	18	63	74	88	119	138	158	201	245	291
North Pacific	Asia	14,257	16,756	20,698	20,123	21,706	26,147	27,963	29,921	34,059	38,471	43,137
North Pacific	Europe	1,164	2,518	3,495	3,852	4,319	5,267	5,861	6,464	7,726	9,063	10,433
North Pacific	Mideast	1	15	30	32	35	41	48	55	71	90	114
North Pacific	North America	467	638	3,901	4,096	4,549	5,642	5,689	5,786	5,831	5,690	5,386
North Pacific	South America	1,856	2,339	2,319	2,359	2,439	2,502	2,514	2,601	2,769	2,907	3,028
North Pacific	Caribbean	32	187	122	135	151	183	209	234	284	332	380
Great Lakes	Africa	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	Asia	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	Europe	9	13	65	73	83	126	151	174	234	312	410
Great Lakes	Mideast	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	North America	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	South America	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	Caribbean	0	0	0	0	0	0	0	0	0	0	0
Total		**544,842**	**853,008**	**1,141,574**	**1,182,393**	**1,285,159**	**1,491,883**	**1,563,097**	**1,641,184**	**1,804,728**	**1,966,323**	**2,125,644**
Average Annual Growth Rate			**9.38%**	**10.20%**	**3.58%**	**8.69%**	**3.03%**	**0.94%**	**0.98%**	**0.95%**	**0.86%**	**0.78%**

Containerized US Commodity Forecast For FUELS
Sorted by DESTINATION, by Major Region, 1995-2050, Selected Years
(TEUs)

Destination	Origin	1995	2000	2003	2004	2005	2010	2015	2020	2030	2040	2050
North Atlantic	Africa	0	0	0	0	0	0	0	0	0	0	0
North Atlantic	Asia	13	15	2	2	2	3	3	3	3	4	4
North Atlantic	Europe	415	491	550	597	598	605	632	665	799	1,011	1,296
North Atlantic	Mideast	0	0	0	0	0	0	0	0	0	0	0
North Atlantic	North America	0	0	0	0	0	0	0	0	0	0	0
North Atlantic	South America	9	0	0	0	0	0	0	0	0	0	0
North Atlantic	Caribbean	0	0	0	0	0	0	0	0	0	0	0
South Atlantic	Africa	0	0	0	0	0	0	0	0	0	0	0
South Atlantic	Asia	160	156	181	206	217	248	267	280	299	311	315
South Atlantic	Europe	55	160	182	205	214	248	279	305	368	444	537
South Atlantic	Mideast	0	0	0	0	0	0	0	0	0	0	0
South Atlantic	North America	1	0	0	0	0	0	0	0	0	0	0
South Atlantic	South America	0	33	44	52	56	71	87	102	137	180	230
South Atlantic	Caribbean	0	0	0	0	0	0	0	0	0	0	0
Gulf Coast	Africa	0	0	0	0	0	0	0	0	0	0	0
Gulf Coast	Asia	73	138	34	39	41	46	50	52	55	57	58
Gulf Coast	Europe	312	684	823	902	913	954	1,005	1,041	1,174	1,381	1,664
Gulf Coast	Mideast	0	8	7	8	9	12	15	18	27	39	53
Gulf Coast	North America	13	0	0	0	0	0	0	0	0	0	0
Gulf Coast	South America	0	7	103	116	122	135	146	154	170	189	215
Gulf Coast	Caribbean	0	0	0	0	0	0	0	0	0	0	0
South Pacific	Africa	0	0	0	0	0	0	0	0	0	0	0
South Pacific	Asia	594	999	3,017	3,478	3,704	4,508	5,308	6,076	7,859	10,161	13,362
South Pacific	Europe	7,031	109	21	23	23	22	22	21	22	24	27
South Pacific	Mideast	0	0	0	0	0	0	0	0	0	0	0
South Pacific	North America	0	0	0	0	0	0	0	0	0	0	0
South Pacific	South America	0	5	0	0	0	0	0	0	0	0	0
South Pacific	Caribbean	0	0	0	0	0	0	0	0	0	0	0
North Pacific	Africa	0	0	0	0	0	0	0	0	0	0	0
North Pacific	Asia	102	58	246	282	299	351	390	421	476	524	565
North Pacific	Europe	0	0	0	0	0	0	0	0	0	0	0
North Pacific	Mideast	0	0	0	0	0	0	0	0	0	0	0
North Pacific	North America	0	0	0	0	0	0	0	0	0	0	0
North Pacific	South America	0	0	0	0	0	0	0	0	0	0	0
North Pacific	Caribbean	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	Africa	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	Asia	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	Europe	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	Mideast	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	North America	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	South America	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	Caribbean	0	0	0	0	0	0	0	0	0	0	0
Total		**8,780**	**2,863**	**5,209**	**5,910**	**6,197**	**7,202**	**8,204**	**9,139**	**11,391**	**14,324**	**18,326**
Average Annual Growth Rate			**-20.08%**	**22.09%**	**13.45%**	**4.85%**	**3.05%**	**2.64%**	**2.18%**	**2.23%**	**2.32%**	**2.49%**

Containerized US Commodity Forecast For HI-TECH PRODUCTS
Sorted by DESTINATION, by Major Region, 1995-2050, Selected Years
(TEUs)

Destination	Origin	1995	2000	2003	2004	2005	2010	2015	2020	2030	2040	2050
North Atlantic	Africa	8	121	18	21	25	40	60	85	154	259	411
North Atlantic	Asia	10,425	19,490	23,828	25,234	27,736	43,917	58,337	75,058	120,887	189,208	287,703
North Atlantic	Europe	10,274	10,631	20,665	21,725	23,773	34,207	42,045	50,062	68,665	91,115	117,704
North Atlantic	Mideast	233	295	265	293	326	496	618	754	1,096	1,560	2,175
North Atlantic	North America	8	11	64	73	78	121	178	246	445	764	1,276
North Atlantic	South America	615	1,432	896	1,023	1,168	1,951	2,551	3,245	5,121	7,874	11,784
North Atlantic	Caribbean	0	0	0	0	0	0	0	0	0	0	0
South Atlantic	Africa	8	6	4	4	5	9	11	13	19	28	39
South Atlantic	Asia	14,038	16,545	25,867	26,942	28,710	42,466	54,173	67,924	107,688	170,639	266,336
South Atlantic	Europe	2,622	5,076	5,417	5,718	6,369	10,042	13,220	16,870	26,614	40,564	59,910
South Atlantic	Mideast	25	213	183	201	224	340	428	525	772	1,109	1,554
South Atlantic	North America	54	279	845	946	1,059	1,522	1,758	1,991	2,484	3,046	3,713
South Atlantic	South America	1,496	1,660	5,787	6,480	7,088	11,405	15,799	20,833	34,127	52,606	76,995
South Atlantic	Caribbean	139	137	166	185	208	298	345	389	480	575	679
Gulf Coast	Africa	0	5	0	0	0	0	0	0	0	0	0
Gulf Coast	Asia	367	736	834	881	989	1,647	2,271	3,013	5,099	8,288	12,997
Gulf Coast	Europe	1,333	2,495	2,346	2,481	2,750	4,233	5,389	6,747	10,365	15,501	22,551
Gulf Coast	Mideast	31	151	116	126	136	186	216	242	298	356	415
Gulf Coast	North America	6	83	144	160	180	255	291	325	394	466	547
Gulf Coast	South America	200	3,847	2,757	3,156	3,533	5,878	8,940	12,713	23,489	39,954	63,740
Gulf Coast	Caribbean	30	2	1,003	1,093	1,246	1,816	2,249	2,699	3,827	5,327	7,298
South Pacific	Africa	0	0	0	0	0	0	0	0	0	0	0
South Pacific	Asia	320,741	545,890	593,119	631,854	684,456	1,054,304	1,374,417	1,718,624	2,546,881	3,561,291	4,725,311
South Pacific	Europe	1,351	1,952	2,682	2,772	2,993	4,544	5,953	7,515	11,658	17,496	25,460
South Pacific	Mideast	8	2	0	0	1	1	1	2	3	5	7
South Pacific	North America	73	640	1,138	1,323	1,520	2,595	4,049	5,884	11,271	19,796	32,538
South Pacific	South America	4	147	10,949	12,850	15,080	25,715	41,038	60,602	118,628	211,320	350,779
South Pacific	Caribbean	0	0	0	0	0	0	0	0	0	0	0
North Pacific	Africa	0	0	0	0	0	0	0	0	0	0	0
North Pacific	Asia	55,270	69,231	60,239	64,282	70,143	106,270	141,063	178,158	267,156	376,171	501,820
North Pacific	Europe	20	118	37	42	41	59	77	95	143	211	306
North Pacific	Mideast	0	0	0	0	0	0	0	0	0	0	0
North Pacific	North America	11	8	5	5	6	8	11	13	18	26	37
North Pacific	South America	1	4	0	0	0	0	0	0	0	0	0
North Pacific	Caribbean	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	Africa	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	Asia	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	Europe	1	1	5	5	6	10	13	16	25	38	56
Great Lakes	Mideast	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	North America	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	South America	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	Caribbean	0	0	0	0	0	0	0	0	0	0	0
Total		**419,394**	**681,207**	**759,376**	**809,875**	**879,848**	**1,354,334**	**1,775,501**	**2,234,643**	**3,367,806**	**4,815,596**	**6,574,139**
Average Annual Growth Rate			**10.19%**	**3.69%**	**6.65%**	**8.64%**	**9.01%**	**5.56%**	**4.71%**	**4.19%**	**3.64%**	**3.16%**

Containerized US Commodity Forecast For INTERMEDIATE MANUFACTURED PRODUCTS
Sorted by DESTINATION, by Major Region, 1995-2050, Selected Years
(TEUs)

Destination	Origin	1995	2000	2003	2004	2005	2010	2015	2020	2030	2040	2050
North Atlantic	Africa	3,180	4,023	4,210	4,495	4,757	4,980	5,341	5,730	6,839	8,138	9,852
North Atlantic	Asia	63,043	105,793	157,433	164,477	178,842	239,773	293,539	344,929	472,580	637,462	844,006
North Atlantic	Europe	117,273	174,070	162,969	174,612	193,010	242,718	285,766	326,978	423,757	538,523	672,602
North Atlantic	Mideast	7,340	18,409	24,785	27,552	30,349	40,248	49,206	58,264	79,696	106,009	136,424
North Atlantic	North America	135	1,351	2,745	2,902	3,334	3,836	4,442	4,600	4,720	4,778	4,859
North Atlantic	South America	22,227	39,230	66,128	69,619	76,495	102,161	127,316	153,455	220,559	314,298	446,602
North Atlantic	Caribbean	0	92	55	63	71	90	100	107	123	140	156
South Atlantic	Africa	498	1,258	2,125	2,371	2,673	3,717	4,680	5,683	8,111	11,126	14,855
South Atlantic	Asia	39,366	71,024	112,212	119,253	131,682	193,930	262,456	343,239	586,816	996,519	1,663,560
South Atlantic	Europe	38,376	80,946	89,573	96,834	108,301	146,572	181,072	217,397	312,299	446,779	634,987
South Atlantic	Mideast	3,860	7,300	12,779	14,285	16,040	21,662	26,597	31,920	45,348	63,457	86,564
South Atlantic	North America	1,268	2,114	3,815	4,072	4,578	6,038	7,453	8,572	11,149	14,626	19,280
South Atlantic	South America	23,832	40,098	50,614	54,001	59,722	77,659	92,201	106,722	140,983	183,599	236,317
South Atlantic	Caribbean	2,768	3,023	3,452	3,966	4,559	6,621	8,875	11,335	17,930	27,564	41,253
Gulf Coast	Africa	836	2,748	2,015	2,276	2,454	2,449	2,506	2,601	3,030	3,556	4,074
Gulf Coast	Asia	5,171	10,511	14,190	15,272	16,906	24,422	32,444	41,265	66,090	104,859	164,672
Gulf Coast	Europe	46,434	59,333	51,974	55,718	61,933	84,315	105,418	127,159	184,489	266,974	383,901
Gulf Coast	Mideast	2,398	7,718	3,755	4,129	4,579	5,965	7,127	8,305	11,133	14,759	19,252
Gulf Coast	North America	1,166	983	1,803	2,021	2,284	3,171	4,205	5,271	8,042	11,979	17,444
Gulf Coast	South America	17,105	24,977	34,852	36,529	39,815	50,874	60,470	69,088	90,100	117,441	153,109
Gulf Coast	Caribbean	545	2,096	2,268	2,629	3,048	4,211	5,633	7,202	11,438	17,623	26,331
South Pacific	Africa	331	131	92	103	113	135	154	176	223	273	319
South Pacific	Asia	326,109	725,063	893,949	936,065	1,017,020	1,364,532	1,676,419	1,976,062	2,724,779	3,704,358	4,941,010
South Pacific	Europe	22,799	48,848	46,640	52,201	59,312	75,662	87,629	101,076	137,147	187,760	257,009
South Pacific	Mideast	1,742	3,664	7,810	8,984	10,367	15,129	19,457	24,416	37,898	57,989	87,283
South Pacific	North America	414	399	1,406	1,483	1,697	2,025	2,394	2,546	2,847	3,280	3,922
South Pacific	South America	2,279	7,104	105,130	119,156	134,366	173,075	181,086	186,575	199,596	217,162	240,725
South Pacific	Caribbean	146	61	62	69	78	106	127	145	189	247	324
North Pacific	Africa	3	14	14	16	17	18	19	20	24	28	32
North Pacific	Asia	99,708	138,546	177,525	186,532	202,803	272,885	338,518	401,227	555,244	753,903	1,002,320
North Pacific	Europe	787	1,542	2,600	2,745	3,011	4,113	5,083	6,055	8,355	11,142	14,842
North Pacific	Mideast	0	36	836	896	971	1,338	1,808	2,300	3,359	4,843	7,439
North Pacific	North America	349	307	139	146	160	202	241	275	360	482	656
North Pacific	South America	326	232	110,992	126,652	143,073	183,233	187,651	188,863	190,621	192,108	193,050
North Pacific	Caribbean	0	1	7	8	10	14	20	26	42	67	104
Great Lakes	Africa	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	Asia	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	Europe	347	15	7	8	8	11	13	15	20	26	33
Great Lakes	Mideast	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	North America	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	South America	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	Caribbean	0	0	0	0	0	0	0	0	0	0	0
Total		**852,164**	**1,583,059**	**2,150,962**	**2,292,140**	**2,518,438**	**3,357,889**	**4,067,467**	**4,769,598**	**6,565,938**	**9,023,878**	**12,329,164**
Average Annual Growth Rate			**13.19%**	**10.76%**	**6.56%**	**9.87%**	**5.92%**	**3.91%**	**3.24%**	**3.25%**	**3.23%**	**3.17%**

Containerized US Commodity Forecast For MATERIALS
Sorted by DESTINATION, by Major Region, 1995-2050, Selected Years
(TEUs)

Destination	Origin	1995	2000	2003	2004	2005	2010	2015	2020	2030	2040	2050
North Atlantic	Africa	434	578	1,461	1,472	1,541	1,723	1,903	2,013	2,224	2,432	2,631
North Atlantic	Asia	35,768	63,030	112,611	113,710	118,515	139,470	153,716	166,030	201,305	247,614	294,908
North Atlantic	Europe	64,691	107,933	194,152	183,999	181,270	191,330	192,294	195,060	208,598	228,892	253,222
North Atlantic	Mideast	3,847	11,861	16,626	18,354	19,412	22,500	23,569	25,120	29,351	35,274	43,131
North Atlantic	North America	757	793	655	740	800	966	1,055	1,109	1,223	1,345	1,466
North Atlantic	South America	30,272	45,315	81,240	85,876	92,536	111,899	122,499	133,403	158,457	190,169	230,775
North Atlantic	Caribbean	19	275	599	602	621	616	649	693	814	994	1,248
South Atlantic	Africa	734	1,387	1,642	1,627	1,685	1,870	2,113	2,351	2,932	3,698	4,684
South Atlantic	Asia	31,763	56,839	89,563	91,400	95,501	112,770	125,770	138,582	174,763	224,983	282,385
South Atlantic	Europe	30,960	57,430	88,717	89,040	92,185	102,144	106,564	111,143	126,071	148,272	178,486
South Atlantic	Mideast	2,689	9,178	11,550	12,543	13,386	15,565	16,507	17,757	21,358	26,549	33,467
South Atlantic	North America	696	1,819	957	982	1,002	1,039	1,061	1,073	1,122	1,208	1,320
South Atlantic	South America	17,918	27,238	337,238	311,952	301,153	257,147	219,607	213,221	195,441	170,888	146,527
South Atlantic	Caribbean	3,823	5,801	8,161	8,059	8,278	8,401	8,766	9,165	10,023	11,043	12,311
Gulf Coast	Africa	115	438	1,353	1,231	1,190	1,523	1,707	1,825	2,048	2,279	2,518
Gulf Coast	Asia	1,288	2,255	6,291	6,719	7,318	10,042	11,525	12,699	15,331	18,463	21,700
Gulf Coast	Europe	11,259	22,264	23,804	22,620	22,238	25,709	27,182	28,439	32,078	37,007	43,193
Gulf Coast	Mideast	408	825	976	1,042	1,131	1,390	1,524	1,671	2,056	2,583	3,270
Gulf Coast	North America	2,552	2,427	28,177	25,648	24,378	18,422	14,484	13,258	11,060	9,275	8,323
Gulf Coast	South America	6,132	16,815	58,087	56,038	56,312	60,669	59,570	60,454	60,887	60,188	59,479
Gulf Coast	Caribbean	485	840	2,059	2,008	2,040	1,924	1,897	1,942	2,038	2,154	2,320
South Pacific	Africa	0	110	164	163	167	221	273	322	441	603	823
South Pacific	Asia	266,333	506,170	669,239	660,891	673,938	726,175	762,508	791,724	906,175	1,074,013	1,283,261
South Pacific	Europe	14,516	21,671	17,258	16,571	16,411	17,018	16,827	16,705	18,088	21,014	25,317
South Pacific	Mideast	194	918	1,944	1,980	2,015	2,494	2,735	2,959	3,476	4,122	4,927
South Pacific	North America	3,433	4,066	2,448	2,767	2,994	3,605	3,940	4,145	4,580	5,045	5,520
South Pacific	South America	3,053	4,623	10,964	10,266	10,185	12,403	13,947	14,958	17,070	19,552	22,662
South Pacific	Caribbean	175	237	558	555	577	626	681	719	802	901	1,019
North Pacific	Africa	0	3	10	10	10	13	16	18	25	33	45
North Pacific	Asia	59,323	107,061	135,776	131,273	130,947	131,074	132,041	134,090	150,870	178,090	212,933
North Pacific	Europe	347	978	568	529	523	593	640	699	860	1,084	1,388
North Pacific	Mideast	0	56	179	167	165	237	290	335	436	557	706
North Pacific	North America	4,459	1,069	98	96	96	89	82	76	71	73	78
North Pacific	South America	536	1,076	1,563	1,440	1,414	1,991	2,390	2,709	3,384	4,170	5,114
North Pacific	Caribbean	0	16	14	13	14	16	17	19	21	24	27
Great Lakes	Africa	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	Asia	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	Europe	2	0	3	4	4	5	6	6	7	7	7
Great Lakes	Mideast	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	North America	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	South America	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	Caribbean	0	0	0	0	0	0	0	0	0	0	0
Total		**598,980**	**1,083,396**	**1,906,704**	**1,862,388**	**1,881,953**	**1,983,682**	**2,030,356**	**2,106,491**	**2,365,487**	**2,734,600**	**3,191,191**
Average Annual Growth Rate			**12.58%**	**20.73%**	**-2.32%**	**1.05%**	**1.06%**	**0.47%**	**0.74%**	**1.17%**	**1.46%**	**1.56%**

Containerized US Commodity Forecast For ALL COMMODITIES
Sorted by DESTINATION, by Major Region, 1995-2050, Selected Years
(TEUs)

Destination	Origin	1995	2000	2003	2004	2005	2010	2015	2020	2030	2040	2050
North Atlantic	Africa	11,506	23,405	41,942	45,459	49,887	63,108	70,335	75,165	90,274	104,231	122,395
North Atlantic	Asia	352,430	593,947	978,938	1,013,910	1,093,435	1,467,014	1,703,541	1,941,361	2,543,300	3,313,334	4,249,978
North Atlantic	Europe	624,978	1,015,725	1,180,015	1,229,544	1,314,223	1,594,454	1,753,693	1,901,094	2,289,891	2,777,845	3,346,466
North Atlantic	Mideast	45,055	76,321	105,340	115,384	126,393	150,387	169,911	186,581	235,065	294,107	361,627
North Atlantic	North America	4,723	5,534	6,937	7,333	8,023	9,208	10,123	10,602	11,659	12,994	14,763
North Atlantic	South America	164,292	240,453	400,315	422,818	444,580	550,078	623,138	698,506	888,000	1,131,526	1,443,885
North Atlantic	Caribbean	1,021	9,949	12,525	12,410	12,504	12,035	11,828	11,475	10,956	10,488	10,240
South Atlantic	Africa	5,797	9,243	15,213	16,386	18,012	24,951	29,277	33,381	42,871	54,012	66,818
South Atlantic	Asia	220,133	430,055	710,878	755,975	829,105	1,221,612	1,542,346	1,915,202	2,966,816	4,570,277	6,917,139
South Atlantic	Europe	205,044	407,832	524,347	542,852	581,355	763,578	879,344	992,016	1,288,131	1,688,606	2,206,690
South Atlantic	Mideast	15,925	32,770	50,510	55,122	60,747	78,162	91,504	106,527	146,940	204,201	281,078
South Atlantic	North America	7,265	16,545	18,583	19,732	21,291	27,651	32,341	36,714	47,134	60,339	76,600
South Atlantic	South America	132,332	200,084	569,805	556,169	560,250	581,596	587,770	626,195	716,089	824,392	962,235
South Atlantic	Caribbean	59,934	121,929	123,687	127,146	133,191	154,926	175,691	197,435	251,235	315,676	391,137
Gulf Coast	Africa	2,447	5,811	6,450	6,723	7,110	8,383	9,146	9,714	11,228	12,934	14,730
Gulf Coast	Asia	25,334	39,966	62,190	64,956	70,919	98,873	119,449	141,266	200,782	288,968	416,172
Gulf Coast	Europe	145,607	229,732	265,590	281,892	306,531	388,929	444,375	498,260	644,944	851,369	1,123,321
Gulf Coast	Mideast	5,268	11,698	12,347	13,247	14,493	18,661	21,950	25,410	34,338	46,383	61,823
Gulf Coast	North America	22,689	32,759	74,179	72,515	73,434	79,001	83,913	91,095	108,420	129,995	156,400
Gulf Coast	South America	65,112	126,092	280,180	293,364	313,620	404,758	462,070	519,113	655,793	825,635	1,031,793
Gulf Coast	Caribbean	23,721	50,512	76,817	81,079	86,964	106,406	122,476	138,405	178,256	227,218	285,282
South Pacific	Africa	985	1,031	1,735	1,919	2,140	2,894	3,468	4,029	5,429	7,138	9,144
South Pacific	Asia	2,255,308	4,192,316	5,320,205	5,536,300	5,951,187	8,040,545	9,466,661	10,930,426	14,536,355	19,020,344	24,289,703
South Pacific	Europe	124,866	198,292	215,344	231,866	254,751	309,726	347,005	385,419	486,003	619,920	789,830
South Pacific	Mideast	3,315	8,455	13,234	14,778	16,601	23,563	29,518	36,165	54,183	80,484	117,929
South Pacific	North America	8,776	19,028	61,193	61,377	67,018	74,446	75,840	77,834	86,216	101,300	124,325
South Pacific	South America	24,477	39,291	166,133	182,725	200,870	255,808	282,265	309,398	387,313	505,827	678,924
South Pacific	Caribbean	4,334	17,218	39,952	41,995	43,700	42,912	45,621	47,170	51,368	57,379	65,595
North Pacific	Africa	29	69	155	175	196	270	319	368	479	606	747
North Pacific	Asia	613,173	844,940	1,005,197	1,049,753	1,129,448	1,523,159	1,795,250	2,071,793	2,755,112	3,603,644	4,600,024
North Pacific	Europe	3,892	8,138	10,709	11,483	12,642	16,439	19,276	22,172	29,057	37,479	48,043
North Pacific	Mideast	11	134	1,379	1,469	1,574	2,216	2,912	3,634	5,268	7,522	11,131
North Pacific	North America	12,036	3,973	7,060	7,680	8,568	10,774	11,778	12,798	14,962	17,340	19,973
North Pacific	South America	7,863	5,876	118,027	133,621	150,178	191,281	196,415	198,323	201,721	205,155	208,413
North Pacific	Caribbean	480	1,300	1,560	1,538	1,533	1,386	1,326	1,242	1,090	989	951
Great Lakes	Africa	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	Asia	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	Europe	1,040	70	167	186	212	304	365	419	549	714	916
Great Lakes	Mideast	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	North America	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	South America	0	0	0	0	0	0	0	0	0	0	0
Great Lakes	Caribbean	0	0	0	0	0	0	0	0	0	0	0
Total		**5,201,196**	**9,020,491**	**12,478,837**	**13,010,881**	**13,966,686**	**18,299,496**	**21,222,241**	**24,256,710**	**31,977,228**	**42,010,373**	**54,506,215**
Average Annual Growth Rate			**11.64%**	**11.42%**	**4.26%**	**7.35%**	**5.55%**	**3.01%**	**2.71%**	**2.80%**	**2.77%**	**2.64%**

Final Report

SAVANNAH HARBOR EXPANSION PROJECT
DEEP-DRAFT CHANNEL IMPROVEMENTS
ECONOMIC ANALYSIS: COMMODITY PROJECTIONS

Part 3: South Atlantic Region Waterborne Trade Forecast
Part 4: Savannah Harbor Waterborne Trade Forecast

US Army Corps of Engineers
Savannah District
Savannah, Georgia

Final

SAVANNAH HARBOR EXPANSION PROJECT DEEP-DRAFT CHANNEL IMPROVEMENTS ECONOMIC ANALYSIS: COMMODITY PROJECTIONS

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Part 4: Savannah Harbor Waterborne Trade Forecast

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SAVANNAH DISTRICT
SAVANNAH, GEORGIA

November 2004

EXECUTIVE SUMMARY

The objective of this report is to present a long-term forecast of waterborne commerce for the U.S. South Atlantic Coast ports (including Norfolk) and Savannah Harbor for the period 2004 to 2050. The analysis proceeds out of the long-term forecast of World and U.S. waterborne commerce developed in parts 1 and 2 of this study.

To develop a long-term waterborne trade forecast for South Atlantic Coast ports, it is necessary to identify historic trends in the shares of U.S. waterborne trade handled by these ports since 1995. The trends in U.S. coastal shares are extrapolated in conjunction with variables (such as port physical characteristics) regarded as impacting coastal shares.

To develop port-specific shares, port coefficients and efficiency factors are aggregated through an econometric model in which port shares grow based on the average trend from 2000 to 2003. Specific port coefficients are estimated that relate share changes to changes in volumes through the port. Final port shares are based on a normalization procedure where port shares are aggregated and then forced to equal 100 percent, which insures that the maximum reported trade is not exceeded and that each port's relative attractiveness is appropriately measured.

The U.S. coast share and port shares are developed for total metric tonnes and for containers measured in Twenty-Foot Equivalent Units (TEUs). Containerized trade is derived using factors based on detailed commodity patterns (for example, that much of the U.S. containerized exports are low-value waste and scrap). Containerized tonnes are derived from TEU estimates, which insures consistency between reported metric tonnes and TEUs.

The U.S. South Atlantic Coast port forecasts reflect previous forecasts for the nation with respect to slowing of the rates of growth of annual imports and exports after 2005. U.S. and South Atlantic import markets are maturing, with slower growth from places like Europe and moderations in the burgeoning growth of trade with Asia. Exports are projected to decline faster than imports in the early years of the forecast, but then increase after 2030.

Forecast outputs are reported in metric tonnes, containerized tonnes, and TEUs for 1995 - 2003 then projected for 2004 - 2050. Outputs are summarized for 10 commodity groups, 13 world regions, and years 1995, 2000, 2003, 2004, 2005, 2010, 2015, 2020, 2030, 2040, and 2050 for the South Atlantic ports and Savannah. Because of the importance of containerized cargo to Savannah Harbor deepening, the forecasts emphasize TEUs derived from metric tonnes of all cargo.

For export TEUs, Savannah is projected to lose market share to Charleston because of slower comparative growth in its traditional export base. The export gap in annual TEUs is projected to close by 2020, with Charleston TEUs thereafter growing faster than Savannah's. However, by the end of the forecast the growth rate gap between Savannah and Charleston will be closed. For TEU imports, Savannah is expected to reduce the market share gap with Charleston in the early forecast years. After 2010, TEU import growth rates are projected to be the same, but the gap in total TEU imports will persist because Charleston has a larger inflow.

TABLE OF CONTENTS

Section **Page**

Part 3: SOUTH ATLANTIC REGION WATERBORNE TRADE FORECAST
and
Part 4: SAVANNAH HARBOR WATERBORNE TRADE FORECAST

I INTRODUCTION 1
II OBJECTIVES 1
III OVERVIEW 1
IV METHODOLOGY 2

Variables Impacting Port Shares 4

Static Factors 4
Geographic Distance 7
Dynamic Factors 7

Port Range Specific Effects 8
General Approach 8
Preliminary Analysis 10
TEUs 15
TEU Conversion 16

Metric Tonnes 18
Savannah and Charleston Projections 20

V DETAILED OUTPUTS FOR SOUTH ATLANTIC PORTS 22

Metric Tonnes 24
Containerized Tonnes 24
TEUs 37

VI DETAILED OUTPUTS FOR SAVANNAH HARBOR 37

Metric Tonnes 44
Containerized Tonnes 53
TEUs 62

VII CONCLUSIONS 71

Appendix A: Imports and Exports To/From U.S. South Atlantic Coast Ports, By World Trade Routes
Appendix B: Trade and Port Model Region Concordances
Appendix C: Trade and Port Model Product (Commodity) Concordances
Appendix D: Addendum to Final Report

LIST OF TABLES

Number **Page**

Part 3: SOUTH ATLANTIC REGION WATERBORNE TRADE FORECAST and Part 4: SAVANNAH HARBOR WATERBORNE TRADE FORECAST

1 PIERS and DOC Data Comparison of Imports from North Europe to Savannah, 2000-2003 (Metric Tonnes) 3

2 Port Characteristics 5

3 Port Effectiveness Measures 6

4 Coefficients Developed by the Port Choice Model for TEUs, for Import and Exports To/From North East Asia 11

5 Trade in Primary Materials to Central American (Export Shares for TEUs) 15

6 U.S. Trade in Containerized Products by Port and Port Range (TEUs) 15

7 Official Port Traffic Statistics as Reported by Ports to CI-Online 17

8 Share of TEUs Traded with World by U.S. Ports and Port Ranges 18

9 U.S. Trade in Bulk, Tanker and Liner Products (Metric Tonnes) 19

10 Shares of Total U.S. Exports and Imports 20

11 Savannah and Charleston Compared Trade To and From World in TEUs 21

12 Share of Savannah and Charleston Exports and Imports of Containerized Trade, by Commodity Group 23

13 Metric Tonnes of Imports to U.S. South Atlantic Coast Ports by World Trade Route, All Commodities: 1995-2050 (selected years) 25

14 Metric Tonnes of Exports to U.S. South Atlantic Coast Ports by World Trade Route, All Commodities: 1995-2050 (selected years) 28

15 Containerized Tonnes of Imports to U.S. South Atlantic Coast Ports by World Trade Route, All Commodities: 1995-2050 (selected years) 31

16 Containerized Tonnes of Exports to U.S. South Atlantic Coast Ports by World Trade Route, All Commodities: 1995-2050 (selected years) 34

LIST OF TABLES (cont'd)

Number **Page**

Part 3: SOUTH ATLANTIC REGION WATERBORNE TRADE FORECAST and Part 4: SAVANNAH HARBOR WATERBORNE TRADE FORECAST

17 TEUs of Imports to U.S. South Atlantic Coast Ports by World Trade Route, All Commodities: 1995-2050 (selected years) 38

18 TEUs of Exports to U.S. South Atlantic Coast Ports by World Trade Route, All Commodities: 1995-2050 (selected years) 41

19 Metric Tonnes of Imports to Savannah Harbor by World Trade Route and Commodity Groups: 1995-2050 (selected years) 45

20 Metric Tonnes of Exports to Savannah Harbor by World Trade Route and Commodity Groups: 1995-2050 (selected years) 49

21 Containerized Tonnes of Imports to Savannah Harbor by World Trade Route and Commodity Groups: 1995-2050 (selected years) 54

22 Containerized Tonnes of Exports to Savannah Harbor by World Trade Route and Commodity Groups: 1995-2050 (selected years) 58

23 TEUs of Imports to Savannah Harbor by World Trade Route and Commodity Groups: 1995-2050 (selected years) 63

24 TEUs of Exports to Savannah Harbor by World Trade Route and Commodity Groups: 1995-2050 (selected years) 67

LIST OF FIGURES

Number **Page**

Part 3: SOUTH ATLANTIC REGION WATERBORNE TRADE FORECAST
and
Part 4: SAVANNAH HARBOR WATERBORNE TRADE FORECAST

1 Import Shares of South Atlantic Ports, Consumer Products from North Europe 12

2 Import Shares of South Atlantic Ports, Consumer Products from North East Asia (includes China)..... 12

3 Year-to-Year Change in TEU Shares for Southern Ports for Primary Materials to Central America (2004-2050)..... 14

4 Exports – Savannah Compared to Charleston 72

5 Imports – Savannah Compared to Charleston 72

Part 3: SOUTH ATLANTIC REGION WATERBORNE TRADE FORECAST

and

Part 4: SAVANNAH HARBOR WATERBORNE TRADE FORECAST

I. INTRODUCTION

Commodity projections constitute one of the major inputs to harbor improvement studies, typically having a direct effect on National Economic Development (NED) benefits based on the growth and timing of future benefiting cargo volumes. The nature of commodity forecasts is long term, spanning upwards of 50 years concurrent with the estimated physical life of the project. Although most NED benefits will accrue within the first two decades of the inception of a project, from the standpoint of discount rates and net present value this is still a substantial period of time for forecasting. Traditionally, most forecasts range in duration from three to five years upwards to a decade. The very long-term forecasts necessitated by the large span of useful life of a deep-draft harbor improvement and the uncertainty of world trade require that commodity projections be carefully documented with respect to assumptions, data inputs, and interpretation of outputs.

II. OBJECTIVES

Savannah Harbor was last deepened subsequent to the Corps of Engineers 1992 Feasibility Study. In 1998, the Georgia Ports Authority (GPA) published a Feasibility Study, and deepening to no more than 48 feet was authorized by Congress, subject to the requirements in the October 1999 Chief's Report. The 1998 Feasibility Study had a commodity forecast for the period 2000 to 2050 with a base year of 1996.[1] The 1996 commodity projections are outdated and no longer appropriate for use. For example, the 1996 forecast shows Savannah Harbor container trade exceeding one million loaded TEUs by 2010.[2] In fact, this volume had already been achieved by 2003.

III. OVERVIEW

The international trade model used in the present analysis is based on a 92 x 92 matrix of real trade values for 80 commodities. The model, which is based on nominal U.S. dollars and 1995 U.S. dollar trade flows, covers 92 countries and regions. Within this group, the U.S. is divided into seven regions (U.S. East Coast, U.S. South, U.S. North, U.S. West, U.S. Alaska, U.S.

[1] Savannah Harbor Expansion, March 30, 1998, *Economic Appendix*, Historical and Projected Commodities, page 7.
[2] *Ibid*, page 15, Exhibit 3-11.

Hawaii, and Puerto Rico).[3] These major regional trade gateways are subdivided into a more detailed and disaggregated framework for measuring port success in attracting and holding liner and bulk trade flows. Key factors that drive port success (some of which are within the control of port administrators and others that are largely dependent on the changing pattern of industrial development and trade of the country as a whole) are used to project future port market shares. Port market shares are used to measure future growth in trade through these gateways.

The major U.S. gateways included in the model are the following:

- U.S. North Atlantic excluding Norfolk (USNAO)
- U.S. North Atlantic Norfolk (USNANF)[4]
- U.S. South Atlantic Wilmington (USSAW)
- U.S. South Atlantic Savannah (USSAS)
- U.S. South Atlantic Charleston (USSAC)
- U.S. South Atlantic Jacksonville (USSAJ)
- U.S. South Atlantic Miami (USSAM)
- U.S. Gulf Coast (USGC)
- U.S. Great Lakes (USGL)
- U.S. South Pacific (USSP)
- U.S. North Pacific (USNP)
- U.S. Alaska (USAK)
- U.S. Hawaii (USHI)

These 13 port ranges and ports constitute the elements of the port choice model developed for the present study. The model functions on the basis of U.S. Customs District data subdivided into these ports and port ranges.

IV. METHODOLOGY

The port choice model is based on an aggregated arrangement of countries and commodities that correspond to the PIERS aggregates for regions and commodity classifications comparable to that used in the first phase of the commodity projections study. This was done initially to enable comparison to PIERS data, which is available from public sources. However, examination of the PIERS data indicated that there were numerous problems with the time period covered and the completeness of the series.[5] Given the nature of the present study, it was determined that

[3] The U.S. South Region covers the South Atlantic Port Range and the Gulf Port Range, and the U.S. West covers the North Pacific Port Range and the South Pacific Port Range.

[4] In order to include Norfolk (Hampton Roads) in the South Atlantic port range, it was necessary to disaggregate it from the North Atlantic port range. The residual for the North Atlantic ports, excluding Norfolk, is shown for tracking purposes.

[5] The U.S. Department of Commerce (DOC) is the official U.S. source for both maritime and value-based trade data. These data are collected at a customs district level, and all known trade between the United States and the world must be cleared through customs. The Port Import Export Reporting Service (PIERS) operated by *The Journal of Commerce* as a for-profit entity collects data under the U.S. First Amendment right to public information. Information from ship manifests is collected by reporters of *The Journal of Commerce* and published daily. The government allowed PIERS to collect this information by hand, and for many years it was only available through this labor-intensive process. Not surprisingly, the collected information was often in error. Moreover, PIERS commodity categories are based on the sometimes very general descriptions in ship manifests. In addition, manifest information is only in metric tonnes and is not value-based. In recent years, the data collected exclusively by PIERS has become readily available to others because electronic manifests are now filed for much of the U.S. trade. Although these data are available to everyone, they are not customs data, and what appears on manifests is often less detailed than in

official U.S. government data produced by customs districts should be used and aggregated into the appropriate country, region, and port ranges.

As Table 1 illustrates, even for one of the largest routes inbound to Savannah from North Europe, there are numerous areas where PIERS data appear to be incomplete. Total metric tonnes (MTs) reported by PIERS is less than that officially reported by the Department of Commerce (DOC). The categories are slightly different as well (although the DOC data can be roughly correlated with the PIERS data if need be). It was decided to use the more detailed categories to allow for greater clarity and to be comparable to the earlier categories used in the study. Moreover, the DOC data enable matching with the main categories used in the core model and in the summary tables supplied for the world trade baseline.

Table 1. PIERS and DOC Data Comparison of Imports from North Europe to Savannah, 2000-2003 (Metric Tonnes)

PIERS Data				
Commodity	**2000**	**2001**	**2002**	**2003**
Automobiles	422	179	788	128
Chemical	396,842	413,246	557,873	700,262
Clay	10	14	18	30
Food	7,040	5,983	5,074	7,232
Forest and Paper Products	14,802	6,220	24,428	49,905
Hardware, Appliances, Machinery & Auto Parts	49,146	42,813	52,609	26,764
Iron and Steel	184,941	107,715	69,693	37,760
Metal and Ore	45	23,732	305	85
Mineral	23,149	909	982	1,178
Retail Consumer Goods	4,789	7,040	12,815	8,468
Textile	1,832	654	1,144	950
Total	**683,018**	**608,505**	**725,729**	**832,762**
DOC Data				
Commodity	**2000**	**2001**	**2002**	**2003**
Agriculture	75,735	74,777	125,077	45,252
Automobiles	1,822	1,725	1,239	178
Capital Equipment	86,740	81,503	68,185	57,662
Chemical	39,798	34,597	48,386	33,906
Consumer Goods	16,389	18,032	21,402	16,899
Extractive	298,379	310,845	512,358	547,962
Food	5,425	6,443	6,730	7,534
High Technology	343,673	240,210	213,065	174,471
Intermediate Products	90,338	70,684	81,710	72,155
Materials	125,388	108,777	140,835	153,748
Total	**1,083,687**	**947,593**	**1,218,987**	**1,109,767**

Source: QuERI-International.

customs declarations. Although PIERS and customs district metric tonnes should generally be the same, the PIERS data obtained for the purposes of this study showed numerous inconsistencies. Comparing total PIERS tonnes to DOC data shows that there is little compatibility between the two sources. The DOC data are the basis for the forecasting model used in the present study because they are more inclusive.

VARIABLES IMPACTING PORT SHARES

Model development demands that we first isolate the influences that "could" impact port selection by carriers. In a perfect world only these "objective measures" would determine port selection within a regional area. Some of these factors influencing port shares are static, changing only slowly over time. Others may be related to the dynamics of the region or the country (which regions are growing in terms of total trade and which products are of greatest importance). Geography will also play a major role in determining port throughput. These factors may include static factors -- ones that will vary only after a significant capital investment or where there is no time series available -- and more dynamic factors that are exogenous and change over time.[6]

Static Factors

The model is based on factors that should influence port choice. Actual port choice, however, is a function of decisions by companies, not port authorities or governments.[7] A port that has attractive features (deep water, good facilities, low-cost labor, and low port costs) may be located in a part of the country that has only a limited local market, that has poor transportation links to other regions, or that is geographically distant from the faster growing markets for U.S. trade. East Coast ports, for example, suffer because the U.S. trade with Europe is mature and the U.S. trade with fast-growing countries in Asia is more dynamic.

Additional factors that may influence port choice reflect economies of scale and cost of doing business for liner shippers and other transportation providers. If a port has adequate space for storage, rates are likely to be lower than at a port where storage is limited and costs reflect scarcity. Efficiency of equipment may be another factor of importance. Fewer berths mean that time delays will occur during a period of rapid growth. Port capacity per berth may also reflect the average size of vessels.

To measure the effect of equipment and other factors on port choice, QuERI has developed a database that categorizes most major U.S. and world ports using a number of criteria. Table 2 summarizes the characteristics of U.S. ports and port ranges.

To develop a port choice model, it is necessary to determine which factors govern the choices made by shipping companies. The factors identified in Table 3 cannot measure efficiency in themselves. They must be understood in relation to total traffic to obtain a measure of the relative effectiveness of ports. To do this, three separate measures of port effectiveness were developed:

- Twenty-Foot Equivalent Units (TEUs) per day per berth
- TEUs per day per ship-to-shore crane

[6] Static variables are primarily factors that represent current port capacity such as ship to shore cranes, storage space, berths, etc. Dynamic factors are those that can be measured on an annual basis and change over time, such as economic conditions within the region or the country. Static factors may become dynamic if a time series, covering more than one year, can be developed showing changes in port facilities.

[7] This is not to detract from marketing and investments and other measures taken by ports to attempt to influence decision makers to bring cargo and vessels to the port.

- TEU storage per daily TEU throughput

Table 2. Port Characteristics

City	Container Berths	Maximum Length Longest Berth (Meters)	Maximum Depth (Meters)	Total Port Area (Square Meters)	TEU Storage Capacity	Reefer Points	Ship to Shore Cranes	Post Panamax Cranes
Balitimore	3	952	12.8	1,120,000		128	7	
Baltimore	9	877	12.8	2,931,000	7,674	160	18	
Boston	2	330	12.2	677,000	7,500	396	6	
Chester	2	350	10.6	320,000	10,000	35	5	
Port of NY/NJ	26	1,370	14.0	3,242,000	14,786	1,516	38	2
Philadelphia	8	932	12.2	730,000	13,200	480	6	0
US North Atlantic Other	**50**	**0**	**0.0**	**9,020,000**	**53,160**	**2,715**	**80**	**2**
Norfolk	**12**	**1,290**	**13.7**	**3,954,800**	**37,040**	**314**	**24**	**4**
Charleston	**13**	**1,181**	**13.7**	**2,138,000**		**628**	**20**	
Jacksonville	**5**	**1,476**	**11.7**	**628,000**	**5,500**	**403**	**15**	
Miami	**5**	**1,525**	**12.8**	**2,530,700**	**6,038**	**918**	**10**	**7**
Port Everglades	**9**	**610**	**13.5**	**1,129,000**	**7,872**	**400**	**5**	**0**
Wilmington	**9**	**1,000**	**11.6**	**N/A**	**N/A**	**129**	**5**	**0**
Savanah	**7**	**2,322**	**12.8**	**4,532,000**	**33,598**	**284**	**13**	**6**
South Atlantic	**26**	**1,814**	**12.8**	**8,819,700**	**53,008**	**2,005**	**43**	**13**
Galveston	2	415	12.3	182,000	9,500	56	4	
Gulfport	1	1,525	12.3	40,000	9,500	60	2	
Houston	5	305	12.2	779,000	21,500	532	20	
Gulf Coast	**24**	**497**	**11.9**	**1,834,688**	**52,540**	**750**	**38**	**0**
Long Beach	3	823	15.2	420,780	18,600	300	5	
Long Beach	16	1,231	15.5	3,107,000	127,147	4,217	44	21
Los Angeles	19	1,768	14.0	2,925,000	52,574	3,340	44	17
South Pacific	**38**	**1,448**	**14.8**	**6,452,780**	**198,321**	**7,857**	**93**	**38**
Portland	6	869	12.2	498,000	19,146	474	11	2
San Francisco	3	762	10.7	279,352	4,414	414	4	0
Seattle	16	1,600	15.0	1,741,814	52,150	3,194	25	8
Oakland	26	1,327	15.2	3,355,001	56,100	4,260	41	
Tacoma	7	610	17.4	1,285,000	17,300	1,897	18	11
North Pacific	**58**	**0**	**0.0**	**7,159,167**	**149,110**	**10,239**	**99**	**21**
Alaska	**3**	**672**	**10.0**	**200,000**	**4,000**	**100**	**6**	**0**
Hawaii	**4**	**772**	**12.0**	**736,000**	**6,468**	**684**	**8**	**0**

Source: Containerization International, 2003, QuERI-International Aggregation.

Table 3. Port Effectiveness Measures

Port	TEUs per Day per Berth	TEUs per Crane per Day	TEU Storage per Daily TEUs	Regional GSP (Year 2000 Dollars)
Gulf Coast	98.23	62.04	22.29	$590,802
Norfolk	101.14	50.57	30.52	$2,306,694
Other North Atlantic	77.88	48.68	13.65	$2,306,694
North Pacific	182.46	114.04	16.60	$2,107,540
Charleston	101.99	66.29	49.78	$1,931,685
Jacksonville	101.86	33.95	10.80	$1,931,685
Miami	287.07	143.54	4.21	$1,931,685
Savannah	203.24	109.44	23.62	$1,931,685
South Pacific	433.00	176.93	12.05	$1,046,708

NOTE: GSP = Gross State Product

Source: Containerizational International, 2003, QuERI International Aggregation.

Each of these factors indicates different things. To measure ports with different absolute TEU throughputs, total TEUs were divided by 365 days per year. This assumes a stable pattern of flow for modeling purposes.[8] Each of the primary port facility factors was compared to the average TEUs per day measure. Where ports were aggregated, total TEUs were measured on a daily basis in relation to total ship-to-shore cranes or total number of active berths.

1. TEUs per available berth provide an approximate measure of average TEUs unloaded or loaded per ship arrival.[9] Ships remain only one day on average at a quay. If this is the case, the daily average divided by the number of berths provides an approximate measure of the volume per ship loaded or unloaded. Callings by larger ships and more boxes discharged or loaded should be a good measure of port attractiveness. This factor should be positive in relation to port share.

2. TEUs per day per ship-to-shore crane measures the relative ability of a port to handle larger vessels. If there are fewer cranes per ship, the volume per crane will be higher. If there are more cranes, TEUs per day per crane will be lower. If TEUs per day per ship-to-shore crane is a true measure of equipment relative to volume, ship owners can be expected to use a port with greater equipment ahead of a port with less equipment and therefore requiring more time in port to unload larger vessels. This factor should be negative in relation to port share. However, a case can be made for a positive relation where the throughput on the cranes is greater or the efficiency of the operators is better than average.

[8] There are distinct seasonal patterns of trade flows in a given year for particular trades that are beyond the scope of a long-term trade forecast.

[9] Given that container vessels at Savannah Harbor are often docked for less than an entire day (24 hour period), this equation gives an approximate measure of volume by berth.

3. Storage available per daily TEU flow indicates the relative size of TEU storage areas compared to the daily throughput of a port. Ports with greater available storage may pick up a larger share of the trade because they are less congested and offer better services to shippers.

With respect to other potential factors, the maximum depth or maximum length of quays is not robust in defining port shares for regional trade. This may be the result of a limited number of ships of sufficient size to influence trade flows by region and the availability of deep water at some very small ports with limited size and catchment areas. In today's environment, channel and port depth is not a reasonable measure for determining port share or potential port traffic. The availability of post-Panamax ship-to-shore cranes appears (at least at the present time) not to have a significant impact on port share. TEU throughput, as measured by total TEUs loaded and unloaded per ship-to-shore crane, captures at least some of the efficiency associated with these super cranes.

Geographic Distance

Distance from market is also critical in defining port shares. Ports on the West Coast are commonly cited as having a time and cost advantage over ports on the East Coast for some commodities. Geographic distance is represented in five increments. A port that is closest to the origin or destination is ranked as 1, the next closest as 2, and so on. Where two port ranges are nearly equal in distance, they are ranked the same. Geographic distance is inversely related to port share in all cases. The degree to which geography influences port share in the U.S. depends on the importance of the trade flow.

Together, these variables combined with coefficients estimated econometrically were used to approximate the base port share. They thus serve the same function as an intercept term in a standard time series econometric specification. The advantage is that a change in efficiency or storage can alter the observed average port share.

Dynamic Factors

Dynamic variables change over time. Economic activity variables were used in this study. Some analysts assume that when a region is growing strongly, more trade will naturally flow through a port. QuERI's models allow for regional differences by employing a measure of gross state product by commodity group. The rate of change varies between products and regions. When combined with the coefficients, this yields variations in port shares. Two different factors were developed for each commodity and port range (or port):

- Gross State Product (1995 dollars) Share by Commodity Group (major regions only).
- Total Gross State Product of Region.

It is expected that some products will be more sensitive than others with respect to changes in the Gross State Product share of regional economic activity. Intermediate products may be positively related to changes in share; but for other products, the presence of a strong and

growing industrial base may reduce the growth in market share of the port relative to growth through other ports outside of the region.

The total Gross State Product measures the overall size and growth rate of the region. It is not product-specific, but is applied to each of the products in the model. Nevertheless, as will be seen in the examination of one of the models, when the regional activity variable grows strongly, the share of a port often declines.

PORT RANGE SPECIFIC EFFECTS

Unlike other models, no port-specific constant term is used in QuERI's estimation. To develop specific port shares, the coefficients and the port-specific efficiency factors mentioned above are aggregated. Specific port coefficients are estimated that relate share changes to changes in TEU volumes through the port. The final port shares are based on a normalization procedure where port shares are aggregated and then forced to equal 100 percent.

This procedure insures that the maximum trade reported will not be exceeded and that each port's relative attractiveness is measured appropriately.

GENERAL APPROACH

The port share model is developed for total metric tonnes and TEUs. Containerized trade is derived using factors based on more detailed commodity patterns. Containerized tonnes will vary per TEU for similar products.[10] Many export bulk commodities are increasingly being shipped as backhaul cargo filling otherwise empty containers. For example, scrap metal, which is included in extractive, is sometimes shipped in containers. Waste paper is sometimes containerized and at other times moves in bulk carriers.

Containerized tonnes are derived from TEU estimates. To insure consistency and reduce anomalies, factors are checked after commodities are aggregated to insure that they fall within reasonable limits. Outliers are forced to upper or lower limits based on an algorithm that checks each year against a range that varies about one standard deviation of the average for the period 1995-2003. A second-order check limits differences between one year and the next to less than plus or minus 50 percent.

This insures consistency, but leads to small differences in containerized tonnes and TEUs as reported in prior databases. For purposes of division by port ranges and ports, this is essential to creating a reasonable forecast, especially one that extends to 50 years.[11]

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[10] In the U.S. core model, each of the 80 commodities has a unique containerized tons per TEU relationship. In this model, based on more aggregated data, the mix of products can produce results, when translated, that are different.

[11] The core database for containerized tonnes and TEUs is based on factors drawn from numerous sources. These are averages based on managers' estimates of tonnages carried on liner trade routes by many different companies and collected from various sources, including PIERS, Maersk, and P&O. Factors are also adjusted based on available information on top-line trade in containers. Standardized 20-foot TEUs are used as a universally recognized measure, but these are also impacted by route differences on numbers of TEUs and the more common and larger, Forty-Foot Equivalent units. Small variations in the ratio of 20- to 40-foot units can impact the applied stuffing factors, because the weight limits on 40-foot units are not simply double those of 20-foot units.

The econometric model was developed only for the major port ranges in the Continental United States. Other port ranges (U.S. Hawaii, U.S. Alaska, and U.S. Great Lakes) were geographically separate and/or the data streams were too sparse. For each port range, shares were allowed to grow based on the average growth trend from 2000 to 2003. The final estimated shares were renormalized yearly, insuring that the total volume of trade exported or imported is shared out completely.

The port share model formula is:

$$\ln(SH[X,M][to,\ fr][i,r,k] = f\begin{bmatrix} d[i,r],\ fberth[i],\ fssc[i],\ fstor[i], \ln(srgsp[k,i], \\ \ln(rgsptot[i]), \alpha i \ln(Trade[t,i,r,k]) \end{bmatrix}$$

Where:
SH[X,M[to,fr][i,r,k] = Share of Port (i) of Total Exports (X) *to* or Imports (M) *fr*om with region [r] for product [k]
d[i,r] = order ranking of port from end-market (1 closest and 5 farthest)
fberth[i] = TEUs per day per berth for port i
fssc[i] = TEUs per ship-to-shore crane per day for port i
fstor[i] = Storage per daily TEU flow for port i
srgsp[k,i] = Share of Total U.S. Value-added of Region closest to port for product group k associated with port range i
rgsptot = Total value of gross state product (all commodities) associated with port range i
Trade[t,i,r,k] = Trade in MTs or TEUs (t) for port i, to/from region r, in product k

The model uses a multi-factor intercept term. Geography and port facilities define the intercept for each port. Using this approach, it is possible to measure the effect on port share (and throughput) of changes in equipage for the port. This enables measurement of the impact of an improvement in efficiency. Port-specific trends are derived from port shares and TEU volumes (or metric tonnes volumes) and are port-specific.

Typically, geographic distance has a negative sign, because the farther a port is from the origin or destination, the smaller the port share. This is true for higher-value products or for products that are differentiated. Products such as agricultural or wood products may show different patterns. Where a specific industry or natural resource is available, geographic location will play less of a role in determining port share.

When products are aggregated and when regions are aggregated into collections of similar (but oftentimes quite different) products, the growth rates of aggregates can vary. Containerized tonnes factors (applied to metric tonnes) and TEU stuffing factors (applied to containerized tonnes to develop estimates of TEUs) vary over time. The containerized shares sometime increase as routes become more concentrated with line trade or as commodities within even sometimes narrowly defined trade categories shift.

To insure consistency, QuERI has developed a method of checking historic factors based on individual product flows (that vary over time and have been adjusted to converge to well-known top-line estimates of total TEUs) and checks these against upper and lower bounds. When there is a significant divergence within these limits, the outliers are forced back to either the upper or lower bounds. This leads to some differences in containerized trade and TEUs from the prior study when trade is aggregated based on the original database. But these differences are mainly in estimation and do not noticeably impact the forecast of U.S. inbound and outbound trade.

Port efficiency factors carry mixed signs. Ports with a greater number of available berths may be less costly for ship owners, and ports with more berths are less likely to be congested. Thus, when TEUs per berth per day fall, port shares often increase.

There is more consistency in the signs of coefficients for port shares relative to TEUs loaded or offloaded per ship-to-shore crane. Generally, coefficients are positive and significant. Ports with faster and more efficient equipment have a greater share of this trade than ports with older and less effective equipment.

Storage per TEU is generally negative, reflecting the typically higher volume of the larger ports. In more active ports where cargo is moved through quickly, the needed storage area may be less relative to the TEU flow. These ports may also be older and in larger metropolitan areas where there are fewer places to store boxes. Lease costs on storage in a port like Los Angeles/Long Beach reflects the scarcity of land. Trade moves faster through this port; and if shippers need to store boxes until delivery, they find less-costly storage locations.

Economic factors for specific commodity groups generally show a negative sign. One possible explanation is that when a strong, dynamic local industry is growing rapidly, the incentive to import through the port is reduced. Import penetration may be less here than elsewhere. When a region is growing strongly, this generally reduces port share, which may also be the result of increased competition from closer suppliers at home.

Table 4 provides an example of the coefficients developed by the port choice model for TEUs for imports and exports related to North East Asia. The statistical coefficient and the t statistic are shown for the "effectiveness" parameters for geography, TEUs/Berth, TEUs/Crane, Storage/TEU, Gross State Product (GSP) Share, and Region Strength. The outputs for the port coasts and South Atlantic ports are shown for the Gulf, Norfolk, Other North Atlantic (excluding Norfolk), North Pacific, Charleston, Jacksonville, Miami, Savannah, and South Pacific.

PRELIMINARY ANALYSIS

Port shares have varied widely over the years in terms of both metric tonnes and TEU shares. Obviously, competitive pressures within port regions are also in play. Thus, Charleston and Savannah harbors each have been able to grow their share of the trade in containerized products in certain regions. As figures 1 and 2 illustrate, these vary by product and by region. For the North Europe trade (Figure 1) Charleston has been able to grow its share while Savannah has not. Conversely, the opposite has occurred for Savannah in the import share of consumer products from North East Asia (Figure 2), where Savannah has been able to grow its share while Charleston has not.

Competition between ports for business is intense. Predictions of future growth paths must rely solely on past relationships. There may be other factors that could influence or change the direction, but an objective analysis must rely on historic trends. For the present study, these trend data extend over the past eight years (1995-2003).[12]

[12] The summarized historic data reflects only 1995, 2000, and 2003; but the actual data set includes annual port statistics for the period 1995 through 2003.

Table 4. Coefficients Developed by the Port Choice Model for TEUs, for Import and Exports To/From North East Asia

Direction	Product Group	Coef/ T-Stat	Geo-graphy	TEU/Berth	TEU/Crane	Storage per TEU	GSP Share	Region Strength	Gulf	Norfolk	North Atlantic Other	North Pacific	Charleston	Jackson-ville	Miami	Savannah	South Pacific	Coef/ T-Stat.
Import	Agriculture	COEF	-1.722	-2.741	10.426	5.468	2.802	-3.503	0.385	1.25	2.159	0.379	0.111	1.526	1.313	0.2	0.469	0.935
Import	Agriculture	TSTAT	-0.911	-0.393	1.281	4.314	2.426	-4.724	2.578	4.577	8.887	1.466	0.697	2.022	4.034	1.419	2.41	1.174
Export	Agriculture	COEF	3.329	-9.881	9.031	-0.675	2.027	0.052	0.261	0.313	-0.051	0.71	0.179	-0.243	-0.064	0.425	1.263	0.966
Export	Agriculture	TSTAT	1.542	-0.821	0.629	-0.437	2.599	0.116	2.134	0.793	-0.175	2.933	1.365	-0.28	-0.188	3.119	3.601	1.134
Import	Extractive	COEF	1.156	12.045	-7.29	10.006	-1.661	-4.99	-0.556	-0.739	1.455	1.33	-1.352	0.507	2.451	-0.657	0.521	0.937
Import	Extractive	TSTAT	0.337	1.776	-0.956	5.939	-1.617	-3.883	-1.461	-2.877	3.826	2.478	-2.517	0.496	3.988	-2.074	1.542	1.698
Export	Extractive	COEF	2.932	32.738	-35.875	-0.528	-0.566	-1.368	0.761	-0.486	0.529	1.542	1.059	-1.672	0.054	0.751	0.222	0.938
Export	Extractive	TSTAT	1.43	3.453	-3.437	-0.202	-1.183	-2.725	2.977	-2.692	2.463	4.466	2.942	-2.899	0.116	4.225	0.526	0.643
Import	Food	COEF	0.474	-10.902	17.953	2.537	1.211	-3.09	0.794	1.226	1.526	0.917	0.699	1.974	1.037	0.823	1.048	0.993
Import	Food	TSTAT	0.302	-1.447	1.907	2.169	4.017	-6.382	7.752	4.728	9.379	3.817	5.817	2.631	3.469	7.772	5.015	1.018
Export	Food	COEF	1.578	23.785	-21.551	-8.289	0.902	-0.789	1.288	0.761	0.59	0.959	1.741	-1.197	-1.158	0.609	-0.113	0.973
Export	Food	TSTAT	0.325	1.414	-1.124	-3.194	1.466	-2.101	3.685	1.195	0.907	2.11	5.674	-1.124	-2.694	2.638	-0.186	0.428
Import	Materials	COEF	3.193	-9.2	17.897	2.02	1.407	-3.902	0.734	1.049	1.233	1.073	0.682	1.682	0.67	0.618	1.008	0.996
Import	Materials	TSTAT	2.4	-1.814	2.808	3.116	6.458	-8.357	17.253	6.08	12.871	6.338	7.378	3.704	4.793	7.366	6.704	0.879
Export	Materials	COEF	1.644	17.725	-21.826	1.125	-1.099	-0.701	0.494	0.013	0.503	1.063	0.707	-0.615	0.582	0.689	0.506	0.997
Export	Materials	TSTAT	1.268	1.893	-2.169	0.426	-1.994	-3.427	1.62	0.098	5.173	3.822	1.815	-1.202	1.5	5.139	2.415	0.325
Import	Consumer	COEF	2.498	-21.658	32.603	-0.008	2.069	-3.671	0.922	1.358	1.128	0.834	0.939	2.32	0.635	0.869	1.131	0.993
Import	Consumer	TSTAT	1.508	-4.147	5.132	-0.011	5.571	-8.588	14.958	9.014	11.079	4.737	12.326	6.374	5.877	13.136	6.804	0.46
Export	Consumer	COEF	-5.958	13.896	-20.137	4.07	0.929	0.574	1.344	0.909	1.731	0.977	0.753	-0.766	1.769	1.101	0.935	0.977
Export	Consumer	TSTAT	-4.094	1.391	-1.818	2.101	1.486	1.475	8.633	3.025	6.521	5.616	3.086	-0.977	3.872	6.823	2.126	0.557
Import	Chemicals	COEF	5.407	-27.659	36.061	-4.224	0.816	-1.873	0.475	0.828	0.137	0.637	0.719	2.078	-0.48	0.558	1.156	0.993
Import	Chemicals	TSTAT	3.308	-3.39	3.608	-4.763	3.026	-3.112	2.166	2.584	0.671	1.957	3.24	2.916	-2.002	2.826	3.794	0.449
Export	Chemicals	COEF	0.077	-4.481	7.171	1.93	0.006	-1.688	0.404	0.628	0.751	0.56	0.369	0.619	0.333	0.439	0.623	0.963
Export	Chemicals	TSTAT	0.032	-0.326	0.45	1.023	0.011	-2.958	1.83	1.824	3.103	1.351	1.354	0.675	0.866	2.121	1.387	1.017
Import	High Tech.	COEF	-0.377	0.027	-0.71	-0.277	0.007	-0.009	-0.009	0.029	0.003	-0.009	0.024	-0.074	0.006	0.038	0.008	1
Import	High Tech.	TSTAT	-15.75	0.199	-4.327	-10.121	1.292	-1.625	-2.327	5.823	0.855	-2.196	6.42	-7.023	1.142	16.726	2.004	0.005
Export	High Tech.	COEF	-0.303	-0.844	0.276	-0.301	-0.007	-0.015	-0.034	0.043	-0.013	-0.02	0.016	-0.022	0.005	0.047	0.033	1
Export	High Tech.	TSTAT	-10.822	-7.971	2.455	-13.449	-0.877	-1.781	-5.773	8.691	-2.475	-4.578	3.263	-2.6	0.952	12.444	5.433	0.009
Import	Interm. Mfg.	COEF	0.044	-10.417	14.355	0.064	-0.415	-1.545	0.345	0.776	0.771	0.469	0.48	1.062	0.399	0.548	0.647	0.998
Import	Interm. Mfg.	TSTAT	0.044	-3.416	3.993	0.062	-0.761	-6.829	3.045	6.817	5.547	3.874	4.542	6.274	2.161	7.445	7.331	0.256
Export	Interm. Mfg.	COEF	-3.42	23.533	-35.199	5.452	-0.602	1.259	0.647	-0.155	0.866	1.06	0.241	-1.967	1.545	0.759	0.848	0.917
Export	Interm. Mfg.	TSTAT	-1.464	1.7	-2.131	2.112	-0.307	1.863	2.409	-0.332	2.074	5.618	0.839	-1.911	3.074	3.358	1.934	0.675
Import	Capital Equip	COEF	1.479	-11.813	17.628	-4.191	-0.024	-1.367	0.559	1.017	0.616	0.547	0.914	1.116	-0.253	0.636	0.605	0.995
Import	Capital Equip	TSTAT	1.567	-3.159	3.857	-4.379	-0.095	-3.978	4.711	8.293	6.351	3.113	6.497	3.958	-1.373	6.482	4.622	0.168
Export	Capital Equip	COEF	-3.333	13.228	-18.493	1.586	0.299	0.58	0.907	0.529	1.057	0.828	0.672	-0.906	0.833	0.809	0.642	0.975
Export	Capital Equip	TSTAT	-3.213	2.399	-2.87	0.832	1.141	2.945	6.032	2.611	6.535	6.16	2.496	-2.144	2.104	6.236	3.037	0.35
Import	Auto	COEF	-3.846	-12.405	15.512	-1.508	0.41	-0.315	0.578	1.473	1.224	0.322	0.685	1.366	0.338	0.685	0.647	0.989
Import	Auto	TSTAT	-2.453	-2.307	2.39	-1.099	1.148	-1.026	4.362	6.698	6.203	1.692	4.459	3.312	1.167	6.073	3.333	0.239
Export	Auto	COEF	1.314	-47.494	51.431	-4.807	-0.932	0.248	1.205	2.483	0.696	0.828	1.307	4.604	0.681	1.834	2.362	0.958
Export	Auto	TSTAT	0.491	-4.282	4.038	-1.959	-1.355	0.45	3.016	5.007	1.861	1.889	2.673	5.028	1.092	5.406	5.446	0.619

Figure 1. Import Shares of South Atlantic Ports, Consumer Products from North Europe

Figure 2. Import Shares of South Atlantic Ports, Consumer Products from North East Asia (includes China)

In examining the total volume through a port, we are left with the following external factors that influence port shares:

- Geographic proximity to growing or declining markets
- Past success at attracting and holding liner shipping companies
- Mix of products available for shipment from region
- Relative wealth of region and growth prospects

The port choice model uses geographic proxy measures of port accessibility and efficiency to accommodate the first two factors that impact port success. Geographic proximity to markets is measured through a rank relating the port or port region to overseas regions. Past success in attracting and holding liner shipping companies is measured using the volume of trade passing through the port. Where there is a positive relationship between port characteristics and volume, it can be assumed that these are the result of non-specific factors that define port attractiveness. These are included in the port-specific coefficient for port share to relative trade growth.

Port shares are influenced as well by the mix of products produced in the region (the South Atlantic has textile and paper and wood products in abundance) and the markets for the national output that are growing the fastest (for exports) or supplying the most imports.

The coefficient relating the U.S. regional exports to the port share also reflects the relative attractiveness of the port (refer to Table 4). Unlike the more static port characteristics used to define the port intercept (in the equation), regional economic outlook variables move over time. A separate forecasting model was developed to project GSP growth by state and product.

When a port-specific coefficient is greater than zero (refer to Table 4), the port picks up share relative to trade flow. The greater the coefficient the greater the impact on port shares for the same growth in total volume. Comparing coefficients across ports can give a fair measure of the success of that port relative to a sister port in the same region (these are measured on a regional port share rather than the national port share). For example, the port coefficients for Charleston and Savannah are quite similar across most of the commodity groups and trade flows in Table 4, with some exceptions such as larger coefficients for Charleston for food exports and larger coefficients for Savannah for exports of intermediate manufacturing.

The coefficient relating U.S. regional exports to the port share also reflects the relative attractiveness of the port. Unlike the more static port characteristics, it moves over time, reflecting the growth rate of overall U.S. trade and how this impacts the share of the various ports. A port that increases share will have a coefficient that is typically greater than 0, and one that significantly increases share will have a coefficient greater than 1.0. Comparing coefficients across ports provides a perspective on the success of a particular port relative to a port in the same region. These coefficients reflect the regional port share rather than the national port share.

The model takes each of these external factors into account. Port characteristics show fixed relationships, but these relationships can change over time, reflected in new information on

capitalization.[13] Figure 3 shows for a minor trade that the model with its varying growth trends and factors allows variation in the port shares. These variations are small, but over time they can have a significant impact on the flow of goods through a port. The example presented in Figure 3 is for three U.S. ports for a minor trade in Primary Materials (Textiles, Wood Products, Pulp and Paper Products) to Central America. The major ports for this trade are Southern U.S. ports on the East and West coasts that account for 99.2 percent of the total.

Figure 3. Year-to-Year Change in TEU Shares for Southern Ports for Primary Materials to Central America (2004-2050)

Table 5 shows the model-projected change in shares. These are quite small relative to the historic larger shifts sometimes observed in this trade.

[13] Although it is reasonable to use a comparative static approach and change one of the factors to measure the impact on port share, actual port characteristics and their impact on port shares are statistically modeled jointly. If Charleston improves its throughput per crane, it is reasonable to use this as a measure of the improvement in share relative to Savannah. Because port shares are renormalized, all changes in port characteristics need to be input and the resulting port shares calculated based on the normalized shares.

Table 5. Trade in Primary Materials to Central America (Export Shares for TEUs)

Port	1995	2000	2004	2005	2006	2007	2008	2009	2010
Gulf	33.59%	37.67%	36.01%	35.81%	35.78%	35.73%	35.67%	35.61%	35.54%
Norfolk	0.86%	0.70%	1.62%	1.60%	1.58%	1.56%	1.53%	1.51%	1.49%
Other North Atlantic	13.04%	10.04%	7.08%	7.10%	7.09%	7.08%	7.08%	7.07%	7.07%
Charleston	0.54%	4.50%	3.18%	3.17%	3.15%	3.13%	3.11%	3.09%	3.08%
Jacksonville	14.13%	8.63%	1.75%	1.69%	1.63%	1.58%	1.53%	1.47%	1.43%
Miami	23.74%	30.02%	33.66%	34.05%	34.32%	34.58%	34.85%	35.10%	35.35%
Savannah	5.44%	1.16%	4.80%	4.77%	4.74%	4.71%	4.68%	4.65%	4.63%
South Pacific	8.16%	6.88%	11.39%	11.30%	11.21%	11.13%	11.06%	10.98%	10.92%
Main Ports Total	99.49%	99.59%	99.50%	99.49%	99.50%	99.50%	99.50%	99.50%	99.50%

Source: QuERI-International.

TEUs

Table 6 shows the U.S. waterborne trade by import and export TEUs for major port ranges and for the South Atlantic ports of Charleston, Savannah, Jacksonville, Miami, Norfolk, and Wilmington. In assessing port shares across all commodity groups and trade regions, the mix of products also plays a key role. Trade in TEUs to and from the world shows different trends. As with aggregate port shares, it is dependent on the mix of commodities imported and exported and the sources for these commodities.

Table 6. U.S. Trade in Containerized Products by Port and Port Range (TEUs)

Exports								
Port/Port Range	**1995**	**2000**	**2005**	**2010**	**2020**	**2030**	**2040**	**2050**
Alaska	75,591	57,116	106,233	117,333	136,293	179,920	298,492	570,378
Gulf Coast	485,632	668,007	1,009,186	1,203,541	1,531,331	2,051,545	3,013,773	4,709,706
Great Lakes	26,523	48,490	53,878	61,418	79,099	122,079	242,777	525,132
Hawaii	16,760	25,304	229,475	257,045	327,528	469,320	773,187	1,422,637
Norfolk	368,035	353,597	391,428	419,754	488,878	640,788	993,433	1,720,759
North Atlantic Other	740,845	663,327	983,430	1,042,163	1,224,451	1,634,357	2,586,973	4,574,573
North Pacific	1,291,329	881,997	1,042,121	1,162,168	1,362,456	1,716,070	2,365,450	3,559,320
Charleston	364,677	414,276	449,301	505,916	648,299	895,918	1,364,276	2,196,283
Jacksonville	124,569	85,307	99,299	112,183	135,491	181,511	285,999	500,993
Miami	300,850	258,875	301,741	343,887	431,894	584,994	877,896	1,392,760
Savannah	229,687	266,237	440,833	454,179	524,294	678,899	992,854	1,599,101
Wilmington	54,094	22,298	21,143	24,479	36,222	71,517	178,500	435,375
South Pacific	1,640,588	1,483,657	1,794,697	1,921,938	2,296,057	3,099,866	4,964,520	8,966,347
Total Exports of U.S.	**5,719,179**	**5,228,489**	**6,922,766**	**7,626,003**	**9,222,292**	**12,326,785**	**18,938,131**	**32,173,364**
Imports								
Port/Port Range	**1995**	**2000**	**2005**	**2010**	**2020**	**2030**	**2040**	**2050**
Alaska	32,317	52,487	67,998	104,895	173,752	263,023	378,115	519,582
Gulf Coast	309,888	463,315	722,461	929,264	1,201,285	1,536,370	1,974,756	2,534,587
Great Lakes	16,585	53,162	68,873	106,328	177,132	271,270	398,812	571,768
Hawaii	64,399	84,512	126,038	182,573	302,765	506,237	873,849	1,565,782
Norfolk	252,672	464,963	747,670	986,995	1,297,150	1,719,736	2,294,811	3,028,714
North Atlantic Other	1,159,283	1,654,252	2,623,821	3,414,396	4,433,331	5,797,003	7,617,592	9,900,757
North Pacific	1,041,877	855,429	1,167,503	1,544,645	2,057,800	2,691,347	3,474,461	4,369,382
Charleston	273,581	508,175	766,376	1,053,532	1,522,373	2,125,422	2,917,229	3,905,324
Jacksonville	22,148	128,026	207,389	285,008	453,996	722,891	1,093,184	1,540,227
Miami	191,197	385,878	567,097	717,307	928,160	1,190,658	1,517,631	1,909,779
Savannah	196,136	388,714	664,876	916,546	1,310,895	1,848,206	2,585,808	3,527,589
Wilmington	26,268	71,050	92,810	139,503	230,356	357,183	533,105	770,210
South Pacific	2,563,634	4,032,476	6,042,027	7,937,940	10,303,360	13,204,243	16,767,558	20,978,966
Total Imports of U.S.	**6,149,984**	**9,142,438**	**13,864,939**	**18,318,933**	**24,392,355**	**32,233,589**	**42,426,911**	**55,122,665**

Source: QuERI-International.

Using the standardized conversion method, Gulf ports and Great Lakes ports with large volumes of metric tonnes for some commodities with small containerization shares sometimes show TEU estimates that are too large. To correct for this problem, containerization shares were adjusted for key products shipped into and out of these ports. TEU totals were then redistributed to other ports.

The QuERI estimates were compared to data on trade into and out of the largest U.S. ports available from the US Maritime Administration. A 2002 full year base was used to line up the in and out totals by port and port range. Adjustment factors varied between 0.9 and 1.1, with most factors close to unity (1.0).

TEU CONVERSION

A standardized TEU-to-metric tonnes conversion factor is used throughout the model. Actual port throughput may vary depending upon the mix of commodities and relative weight-to-container fill factors.

A comparison to estimated TEUs based on consistent TEU stuffing factors and methodology to actual, reported TEUs through the port shows that there may be a wide difference between what the port reports and what the model shows. One reason may be the definition of how a port measures a TEU. Because TEUs reflect the movement of ship cranes (sometimes boxes have to be removed from a ship to get at another box underneath and then are returned to the ship), the TEUs reported by the port may be, and usually are, greater than those measured using the "standardized" conversion approach. A TEU that is unloaded at the port and then reloaded on the ship may show up twice. Transshipments through the port are shown as TEUs, but are not included in the definition used in the present study. Table 7 indicates that for Charleston the ratio between port-reported TEUs and estimated loaded TEUs varies from 1.49 to 1.15. The ratio between port-reported TEUs and estimated loaded TEUs for Savannah is very consistent, ranging between 1.27 and 1.32.

The limited information available and the problems of comparing across all port ranges consistently forced the present study to use stable constants for filling TEUs and measuring TEU throughput for laden containers with trade reported for one port range and one origin or destination. Table 7 indicates the relationship between port-reported TEUs and tonnage and estimated TEUs based on metric tonnes for Savannah and Charleston.

Table 8 indicates port shares of TEUs for exports and imports by coast and for the South Atlantic ports of Charleston, Savannah, Jacksonville, and Miami for select years beginning in 1995 and ending in 2050. The projections show the North Atlantic (North Atlantic Other), excluding Norfolk, losing market share with respect to imports. Conversely, the South Atlantic ports, particularly Charleston and Savannah, are shown as gaining market share with respect to imports. The West Coast port ranges (North Pacific and South Pacific) show a declining share for imports and exports for the North Pacific and nearly a constant share for imports but a declining share for exports for the South Pacific.

Table 7. Official Port Traffic Statistics as Reported by Ports to CI-Online

Savannah				
	2000	**2001**	**2002**	**2003**
CI-Online Port Data (may reflect container lifts of laden boxes)				
Total TEUs	**954,382**	**1,077,486**	**1,327,939**	**1,521,206**
Imports	464,890	497,628		
Exports	489,492	579,858		
Empty	190,222	217,327		
Empty%	19.9%	20.2%		
Tonnage	7,321,490	8,055,583	8,893,236	10,045,117
U.S. Maritime Commission, 2002 Top 30 Container Port Statistics				
Inbound			561,000	
Outbound			453,000	
Total TEUs			**1,014,000**	
QuERI Estimates Based on DOC Metric Tonne Data				
Total TEUs	**754,383**	**816,097**	**1,016,353**	**1,166,453**
Inbound	410,031	429,621	557,843	641,552
Outbound	344,352	386,476	458,510	524,901
Tonnage (MTs)	14,077,855	16,364,668	18,638,072	21,140,851
Ratio Total Port Statistics to QuERI Estimates	1.27	1.32	1.31	1.30

Charleston				
	2000	**2001**	**2002**	**2003**
CI-Online Port Data (may reflect container lifts of laden boxes)				
Total TEUs	**1,632,747**	**1,528,034**	**1,592,835**	**1,690,846**
Imports				
Exports				
Empty				
Empty%				
Tonnage				
U.S. Maritime Commission, 2002 Top 30 Container Port Statistics				
Inbound			676,000	
Outbound			521,000	
Total			**1,197,000**	
QuERI Estimates Based on DOC Metric Tonne Data				
TEUs	**1,094,484**	**1,084,574**	**1,205,287**	**1,325,275**
Inbound	556,897	570,312	669,267	778,365
Outbound	537,587	514,262	536,020	546,910
MT	14,920,083	16,700,667	17,816,260	17,331,068
Ratio Total Port Statistics to QuERI Estimates	1.49	1.41	1.32	1.28

Source: QuERI-International.

Table 8. Share of TEUs Traded with World by U.S. Ports and Port Ranges

Exports								
Port/Port Range	**1995**	**2000**	**2005**	**2010**	**2020**	**2030**	**2040**	**2050**
Alaska	1.3%	1.1%	1.5%	1.5%	1.5%	1.5%	1.6%	1.8%
Gulf Coast	8.5%	12.8%	14.6%	15.8%	16.6%	16.6%	15.9%	14.6%
Great Lakes	0.5%	0.9%	0.8%	0.8%	0.9%	1.0%	1.3%	1.6%
Hawaii	0.3%	0.5%	3.3%	3.4%	3.6%	3.8%	4.1%	4.4%
Norfolk	6.4%	6.8%	5.7%	5.5%	5.3%	5.2%	5.2%	5.3%
North Atlantic Other	13.0%	12.7%	14.2%	13.7%	13.3%	13.3%	13.7%	14.2%
North Pacific	22.6%	16.9%	15.1%	15.2%	14.8%	13.9%	12.5%	11.1%
Charleston	**6.4%**	**7.9%**	**6.5%**	**6.6%**	**7.0%**	**7.3%**	**7.2%**	**6.8%**
Jacksonville	2.2%	1.6%	1.4%	1.5%	1.5%	1.5%	1.5%	1.6%
Miami	5.3%	5.0%	4.4%	4.5%	4.7%	4.7%	4.6%	4.3%
Savannah	**4.0%**	**5.1%**	**6.4%**	**6.0%**	**5.7%**	**5.5%**	**5.2%**	**5.0%**
Wilmington	0.9%	0.4%	0.3%	0.3%	0.4%	0.6%	0.9%	1.4%
South Pacific	28.7%	28.4%	25.9%	25.2%	24.9%	25.1%	26.2%	27.9%
Imports								
Port/Port Range	**1995**	**2000**	**2005**	**2010**	**2020**	**2030**	**2040**	**2050**
Alaska	0.5%	0.6%	0.5%	0.6%	0.7%	0.8%	0.9%	0.9%
Gulf Coast	5.0%	5.1%	5.2%	5.1%	4.9%	4.8%	4.7%	4.6%
Great Lakes	0.3%	0.6%	0.5%	0.6%	0.7%	0.8%	0.9%	1.0%
Hawaii	1.0%	0.9%	0.9%	1.0%	1.2%	1.6%	2.1%	2.8%
Norfolk	4.1%	5.1%	5.4%	5.4%	5.3%	5.3%	5.4%	5.5%
North Atlantic Other	18.9%	18.1%	18.9%	18.6%	18.2%	18.0%	18.0%	18.0%
North Pacific	16.9%	9.4%	8.4%	8.4%	8.4%	8.3%	8.2%	7.9%
Charleston	**4.4%**	**5.6%**	**5.5%**	**5.8%**	**6.2%**	**6.6%**	**6.9%**	**7.1%**
Jacksonville	0.4%	1.4%	1.5%	1.6%	1.9%	2.2%	2.6%	2.8%
Miami	3.1%	4.2%	4.1%	3.9%	3.8%	3.7%	3.6%	3.5%
Savannah	**3.2%**	**4.3%**	**4.8%**	**5.0%**	**5.4%**	**5.7%**	**6.1%**	**6.4%**
Wilmington	0.4%	0.8%	0.7%	0.8%	0.9%	1.1%	1.3%	1.4%
South Pacific	41.7%	44.1%	43.6%	43.3%	42.2%	41.0%	39.5%	38.1%

Source: QuERI-International.

Metric Tonnes

Tables 9 and 10 examine the volume of trade in metric tonnes by ports and port ranges as well as port shares. The U.S. Gulf port range has the largest volume of total metric tonnes. Exports, measured in metric tonnes, are dominated by grains and coal; imports are dominated by crude and finished petroleum products. The importance of the Gulf as a major refiner insures that it will continue to have the largest share of imports while at the same time continuing in importance as the major point of export for U.S. grains.

Table 9 provides the same detail as Table 6 (TEUs) for metric tonnes. Ports like Norfolk that ship coal or the Gulf Coast ports that ship most of the nation's grain dominate the metric tonne trade. The compound annual growth rates (percent) in Table 9 for Savannah and Charleston indicate growth rates for total metric tonnes consistent with the U.S.

Table 10 shows the port share of metric tonnes of exports and imports for the port ranges and South Atlantic ports of Norfolk, Charleston, Savannah, Jacksonville, and Miami for select years between 1995 and 2050. Other than Norfolk's declining share for exports, the South Atlantic ports' share is generally steady or increasing.

Table 9. U.S. Trade in Bulk, Tanker and Liner Products (Metric Tonnes)

Exports								
Port/Port Range	**1995**	**2000**	**2005**	**2010**	**2020**	**2030**	**2040**	**2050**
All Port Ranges	**251,370,211**	**212,856,887**	**217,671,381**	**232,098,313**	**258,521,722**	**303,739,049**	**379,462,039**	**531,306,089**
Percent Change	**N/A**	**-3.3%**	**0.4%**	**1.3%**	**1.1%**	**1.6%**	**2.3%**	**3.4%**
Alaska	4,637,202	5,827,467	4,763,719	5,092,229	5,679,937	6,813,025	8,821,873	12,841,114
Gulf Coast	86,020,093	78,724,188	79,934,223	85,696,672	95,881,482	111,653,896	137,546,076	185,563,105
Great Lakes	24,761,892	28,897,332	32,223,985	34,957,925	38,454,878	42,467,988	46,849,641	54,913,805
Hawaii	911,137	716,264	550,018	609,247	776,097	1,162,245	2,134,520	4,393,352
Norfolk	37,366,365	20,704,378	13,834,626	13,328,551	13,246,731	14,255,089	17,425,599	24,880,576
North Atlantic, Other	20,978,097	11,951,303	15,501,700	15,759,479	16,976,977	20,046,958	26,428,802	39,299,488
North Pacific	29,276,605	21,164,204	25,991,101	29,187,856	33,116,500	38,966,288	44,795,450	61,231,824
Charleston	**4,471,085**	**4,943,363**	**4,525,876**	**4,796,518**	**5,808,573**	**7,936,065**	**12,518,670**	**21,669,619**
Percent Change	**N/A**	**2.0%**	**-1.7%**	**1.2%**	**1.9%**	**3.2%**	**4.7%**	**5.6%**
Jacksonville	2,910,767	2,482,693	2,384,639	2,613,260	3,073,434	3,872,342	5,222,280	7,457,401
Miami	2,417,867	2,775,307	2,859,001	3,127,980	3,632,336	4,549,295	6,448,638	9,948,136
Savannah	**5,838,559**	**5,527,534**	**7,633,734**	**7,670,422**	**8,344,201**	**10,062,735**	**13,254,459**	**19,254,265**
Percent Change	**N/A**	**-1.1%**	**6.7%**	**0.1%**	**0.8%**	**1.9%**	**2.8%**	**3.8%**
Wilmington	1,118,155	1,142,204	683,424	640,118	706,696	987,658	1,790,944	3,739,136
South Pacific	30,662,388	28,000,650	26,785,336	28,618,058	32,823,878	40,965,466	56,225,087	86,114,270
Imports								
Port/Port Range	**1995**	**2000**	**2005**	**2010**	**2020**	**2030**	**2040**	**2050**
All Port Ranges	**349,618,044**	**480,643,870**	**609,407,813**	**732,752,219**	**870,072,437**	**1,028,642,640**	**1,237,230,419**	**1,503,326,524**
Percent Change	**N/A**	**6.6%**	**4.9%**	**3.8%**	**1.7%**	**1.7%**	**1.9%**	**2.0%**
Alaska	603,667	1,253,731	1,218,720	1,809,025	3,623,504	7,830,756	17,626,301	38,574,272
Gulf Coast	169,360,761	219,075,383	268,687,425	315,463,494	351,341,992	382,280,584	417,884,012	457,682,219
Great Lakes	25,588,225	30,166,611	33,291,795	37,495,126	42,628,387	49,419,867	60,078,568	78,572,643
Hawaii	5,370,606	6,389,349	6,913,556	8,734,781	12,367,443	18,625,637	29,067,376	44,313,899
Norfolk	6,994,318	8,322,228	10,780,474	13,627,474	17,292,126	21,422,507	26,272,184	31,878,838
North Atlantic, Other	70,489,654	97,532,863	136,058,556	162,839,330	192,105,162	223,766,727	263,367,006	313,960,208
North Pacific	13,841,574	18,430,292	20,695,134	27,302,737	38,466,398	52,944,216	71,063,242	91,314,456
Charleston	**4,097,103**	**7,434,344**	**11,600,373**	**15,145,150**	**20,549,886**	**27,184,692**	**35,637,899**	**45,562,525**
Percent Change	**N/A**	**12.7%**	**9.3%**	**5.5%**	**3.1%**	**2.8%**	**2.7%**	**2.5%**
Jacksonville	9,061,850	14,263,647	20,494,894	24,079,236	30,630,275	40,439,603	54,232,906	70,450,496
Miami	5,270,227	7,275,991	10,439,979	13,257,224	17,811,726	24,200,574	33,310,833	44,912,039
Savannah	**5,584,624**	**8,605,861**	**12,662,126**	**15,399,479**	**19,362,813**	**24,908,258**	**32,474,072**	**41,380,610**
Percent Change	**N/A**	**9.0%**	**8.0%**	**4.0%**	**2.3%**	**2.6%**	**2.7%**	**2.5%**
Wilmington	2,448,975	2,437,581	3,347,959	4,506,198	7,516,245	12,963,526	22,585,840	37,475,137
South Pacific	30,906,458	59,455,989	73,216,821	93,092,965	116,376,480	142,655,692	173,630,179	207,249,181

Source: QuERI-International.

Table 10. Shares of Total U.S. Exports and Imports

Exports								
Port/Port Range	**1995**	**2000**	**2005**	**2010**	**2020**	**2030**	**2040**	**2050**
Alaska	1.8%	2.7%	2.2%	2.2%	2.2%	2.2%	2.3%	2.4%
Gulf Coast	34.2%	37.0%	36.7%	36.9%	37.1%	36.8%	36.2%	34.9%
Great Lakes	9.9%	13.6%	14.8%	15.1%	14.9%	14.0%	12.3%	10.3%
Hawaii	0.4%	0.3%	0.3%	0.3%	0.3%	0.4%	0.6%	0.8%
Norfolk	14.9%	9.7%	6.4%	5.7%	5.1%	4.7%	4.6%	4.7%
North Atlantic Other	8.3%	5.6%	7.1%	6.8%	6.6%	6.6%	7.0%	7.4%
North Pacific	11.6%	9.9%	11.9%	12.6%	12.8%	12.8%	11.8%	11.5%
Charleston	**1.8%**	**2.3%**	**2.1%**	**2.1%**	**2.2%**	**2.6%**	**3.3%**	**4.1%**
Jacksonville	1.2%	1.2%	1.1%	1.1%	1.2%	1.3%	1.4%	1.4%
Miami	1.0%	1.3%	1.3%	1.3%	1.4%	1.5%	1.7%	1.9%
Savannah	**2.3%**	**2.6%**	**3.5%**	**3.3%**	**3.2%**	**3.3%**	**3.5%**	**3.6%**
Wilmington	0.4%	0.5%	0.3%	0.3%	0.3%	0.3%	0.5%	0.7%
South Pacific	12.2%	13.2%	12.3%	12.3%	12.7%	13.5%	14.8%	16.2%
Imports								
Port/Port Range	**1995**	**2000**	**2005**	**2010**	**2020**	**2030**	**2040**	**2050**
Alaska	0.2%	0.3%	0.2%	0.2%	0.4%	0.8%	1.4%	2.6%
Gulf Coast	48.4%	45.6%	44.1%	43.1%	40.4%	37.2%	33.8%	30.4%
Great Lakes	7.3%	6.3%	5.5%	5.1%	4.9%	4.8%	4.9%	5.2%
Hawaii	1.5%	1.3%	1.1%	1.2%	1.4%	1.8%	2.3%	2.9%
Norfolk	2.0%	1.7%	1.8%	1.9%	2.0%	2.1%	2.1%	2.1%
US North Atlantic Other	20.2%	20.3%	22.3%	22.2%	22.1%	21.8%	21.3%	20.9%
US North Pacific	4.0%	3.8%	3.4%	3.7%	4.4%	5.1%	5.7%	6.1%
Charleston	**1.2%**	**1.5%**	**1.9%**	**2.1%**	**2.4%**	**2.6%**	**2.9%**	**3.0%**
Jacksonville	2.6%	3.0%	3.4%	3.3%	3.5%	3.9%	4.4%	4.7%
Miami	1.5%	1.5%	1.7%	1.8%	2.0%	2.4%	2.7%	3.0%
Savannah	**1.6%**	**1.8%**	**2.1%**	**2.1%**	**2.2%**	**2.4%**	**2.6%**	**2.8%**
Wilmington	0.7%	0.5%	0.5%	0.6%	0.9%	1.3%	1.8%	2.5%
South Pacific	8.8%	12.4%	12.0%	12.7%	13.4%	13.9%	14.0%	13.8%

Source: QuERI-International.

The competitive position of Savannah relative to Charleston for metric tonnes is projected to improve with respect to imports for the nation but decline with respect to Charleston. Savannah's share of imports (metric tonnes) is expected to rise from 1.8 percent in 2000 to 2.1 percent in 2005 compared to 1.5 percent and 1.9 percent for Charleston. In ensuing years, the market share for metric tonnes of imports between Savannah and Charleston will progressively narrow. Charleston and Savannah are both projected to have a market share of 2.1 percent in 2010. By 2020, Charleston's market share will increase to 2.4 percent, compared to Savannah's 2.2 percent.

Savannah is projected to have a relatively declining and Charleston a relatively flat market share of total export metric tonnes until 2020. Charleston is projected to increase its market share by 2030 and close the gap with Savannah after 2040.

Savannah and Charleston Projections

Table 11 shows Savannah and Charleston TEU exports and imports for the period 1995 to 2050 and compound average annual growth rates for total commodity movements for the periods 1995-2000, 2000-2005, 2005-2010 and 2010-2050. The export projections indicate that Savannah is expected to grow at a higher rate than Charleston per year between 2005 and 2020. For example, average annual growth in export TEUs from Savannah is projected to be 10.6 percent between 2000 and 2005, 0.6 percent between 2005 and 2010, and then 1.4 percent

between 2010 and 2020 compared to 1.6 percent, 2.4 percent, and 2.5 percent for Charleston for the corresponding periods. From 2020 to 2040, Charleston is projected to have higher TEU export growth than Savannah; thereafter, they are projected to have the same average annual growth rate.

Table 11. Savannah and Charleston Compared Trade To and From World in TEUs

Savannah								
Imports	**1995**	**2000**	**2005**	**2010**	**2020**	**2030**	**2040**	**2050**
Total Inbound	196,136	388,714	664,876	916,546	1,310,895	1,848,206	2,585,808	3,527,589
Percent Change	N/A	14.7%	11.3%	6.6%	3.6%	3.5%	3.4%	3.2%
Agriculture	8,260	14,031	10,380	10,755	10,680	10,857	10,876	10,705
Auto	5,961	13,801	26,543	41,936	64,181	89,251	119,983	156,911
Capital	20,852	43,822	73,285	111,196	176,835	273,159	414,885	602,644
Chemicals	22,891	30,140	43,988	52,950	64,141	78,519	99,698	126,618
Consumer	41,485	108,356	234,893	318,951	416,864	547,057	707,241	889,375
Extractive	724	917	590	644	618	604	598	595
Food	10,137	20,616	29,811	38,160	52,287	69,912	92,651	120,744
High Tech	34,285	54,584	70,994	111,176	186,973	286,391	415,585	574,789
Intermediate Manufactures	32,302	63,996	107,436	150,253	244,541	384,769	599,573	902,488
Materials	19,239	38,451	66,956	80,525	93,775	107,687	124,718	142,720
Exports	**1995**	**2000**	**2005**	**2010**	**2020**	**2030**	**2040**	**2050**
Total Outbound	229,687	266,237	440,833	454,179	524,294	678,899	992,854	1,599,101
Percent Change	N/A	3.0%	10.6%	0.6%	1.4%	2.6%	3.9%	4.9%
Agriculture	8,143	14,473	56,421	57,122	60,875	66,201	72,762	80,016
Auto	6,821	15,567	19,649	26,311	38,320	55,160	86,312	145,996
Capital	19,056	19,159	23,021	26,553	34,937	47,415	68,196	105,521
Chemicals	29,183	31,874	46,232	51,292	64,482	88,575	133,253	208,800
Consumer	6,775	4,954	9,654	10,879	14,564	22,245	37,092	63,865
Extractive	1,769	5,800	31,843	33,732	36,146	41,161	47,284	55,734
Food	13,166	25,240	38,222	42,399	43,391	47,616	53,487	58,764
High Tech	10,007	10,246	11,582	15,226	27,305	64,839	182,497	469,632
Intermediate Manufactures	13,082	19,733	29,363	35,270	49,776	71,669	110,220	178,519
Materials	121,685	119,191	174,846	155,395	154,497	174,018	201,752	232,254
Charleston								
Imports	**1995**	**2000**	**2005**	**2010**	**2020**	**2030**	**2040**	**2050**
Total Inbound	273,581	508,175	766,376	1,053,532	1,522,373	2,125,422	2,917,229	3,905,324
Percent Change	N/A	13.2%	8.6%	6.6%	3.7%	3.4%	3.2%	3.0%
Agriculture	10,647	22,765	16,712	17,353	16,336	16,056	15,576	14,896
Auto	16,843	37,452	92,296	162,396	288,559	434,570	601,562	788,289
Capital	27,365	49,863	77,532	113,645	174,986	267,549	409,589	613,994
Chemicals	26,852	46,841	58,144	73,719	91,034	114,081	149,660	196,780
Consumer	51,226	97,687	163,283	220,010	299,102	395,825	515,544	652,828
Extractive	3,402	2,267	497	524	335	248	218	209
Food	18,563	30,218	41,072	47,544	58,010	71,135	86,183	102,577
High Tech	36,482	53,324	69,196	107,528	179,346	272,712	393,002	540,065
Intermediate Manufactures	34,969	83,816	135,036	182,456	272,479	394,599	567,766	800,575
Materials	47,232	83,942	112,608	128,356	142,187	158,648	178,129	195,110
Exports	**1995**	**2000**	**2005**	**2010**	**2020**	**2030**	**2040**	**2050**
Total Outbound	364,677	414,276	449,301	505,916	648,299	895,918	1,364,276	2,196,283
Percent Change	N/A	2.6%	1.6%	2.4%	2.5%	3.3%	4.3%	4.9%
Agriculture	18,490	15,149	25,708	28,289	33,980	41,696	52,409	66,457
Auto	6,832	27,442	55,304	89,659	154,245	225,639	307,924	397,061
Capital	39,892	34,765	38,973	45,405	57,071	73,961	101,171	145,868
Chemicals	70,927	79,218	77,433	88,111	116,416	181,144	328,944	618,713
Consumer	14,824	13,514	12,712	14,062	18,090	27,958	48,183	79,740
Extractive	13,325	30,451	13,683	14,288	14,860	16,000	17,409	19,106
Food	35,397	42,220	35,560	40,263	43,990	50,732	58,738	62,900
High Tech	10,640	9,713	10,940	14,253	25,039	57,561	156,119	389,719
Intermediate Manufactures	35,085	38,794	43,220	51,120	67,578	94,119	150,786	255,533
Materials	119,265	123,011	135,767	120,467	117,030	127,108	142,592	161,186

Source: QuERI-International.

The declining export growth can be attributed to the expected decline in traditional U.S. low technology exports of textiles and low-value raw materials such as extractives. Materials exports (mainly textiles, but including wood and paper products) will grow more slowly. For example, materials export TEUs from Savannah are projected to have no growth after 2005 and then begin to have small growth after 2020.

Table 11 indicates that Savannah will generally continue to have slightly higher growth than Charleston in TEU imports (for example, 11.3 percent between 2000 and 2005 for Savannah compared to 8.6 percent for Charleston). However, for 2010 and ensuing periods, the growth rate of import TEUs for Savannah and Charleston will be nearly the same (for example, 6.6 percent for both between 2005 and 2010 and 3.6 percent for Savannah between 2010 and 2020 compared to 3.7 percent for Charleston). Consequently, Savannah is not expected to close the import TEU gap that separates the two ports.

Table 12 shows the shares of Savannah and Charleston export and import TEUs by major commodity groups for the period 1995 through 2050. The gap in total export market shares beginning in 2005 is nearly one tenth of one percent (6.5% – 6.4% = 0.1%) in favor of Charleston. By 2010, the market share gap has been widened and Charleston's total share of TEU exports is 6.6 percent compared to Savannah's 6.0 percent (6.6% - 6.0% = 0.6%). For total TEU imports, Savannah's market share increases from 4.3 percent in 2000 to 4.8 percent in 2005 to 5.0 percent by 2010 and to 5.4 percent by 2020. The TEU market share difference between Savannah and Charleston changes from 1.3 percent in 2000 (5.6% - 4.3% = 1.3%) to 0.7 percent in 2005 (5.5% – 4.8% = 1.6%). The TEU import market share remains nearly the same thereafter, such as the 0.8 percent in 2010 and 2020 (5.8% - 5.0% = 0.8% for 2010 and 6.2% - 5.4% = 0.8% for 2020).

V. DETAILED OUTPUTS FOR SOUTH ATLANTIC PORTS

Projections of imports and exports for the South Atlantic Coast ports (other than Savannah) consisting of Charleston, Jacksonville, Miami, Wilmington, Norfolk, and Other North Atlantic ports are summarized in a series of tables for total metric tones, containerized tonnes, and TEUs. The data reflect trade routes for the following world regions: (1) Africa; (2) Central America; (3) East Coast South America; (4) Eastern Europe; (5) India; (6) Middle East; (7) Mediterranean; (8) North America; (9) North East Asia; (10) Northern Europe; (11) Oceania; (12) Europe, Other; (13) South East Asia; and (14) West Coast South America.[14] The total volume of annual trade expressed in tonnes or TEUs for all commodities is shown for 1995, 2000, and 2003 and projected for 2004, 2005, 2010, 2015, 2020, 2030, 2040, and 2050.[15] The compound average annual growth rates are shown for total tonnages for the years contained in the summary data set.

Corresponding sets of tables in Appendix A contain the same data for metric tonnes, containerized tonnes, and TEUs for the U.S. South Atlantic ports (including Savannah) and other coasts by world trade route and commodity groups, as well as U.S. South Atlantic ports (including Savannah) by world trade route and for all commodities.

[14] A region concordance is contained in Appendix B.
[15] The full electronic version of the forecast provides annual statistics from 1995 to 2050.

Table 12. Share of Savannah and Charleston Exports and Imports of Containerized Trade, by Commodity Group

Savannah Share of U.S. Trade (TEUs) To/From World, by Commodity									
Trade	**Commodity**	**1995**	**2000**	**2005**	**2010**	**2020**	**2030**	**2040**	**2050**
Export	All	4.0%	5.1%	6.4%	6.0%	5.7%	5.5%	5.2%	5.0%
Import	All	3.2%	4.3%	4.8%	5.0%	5.4%	5.7%	6.1%	6.4%
Export	Agriculture	1.3%	3.1%	9.0%	8.2%	7.7%	7.3%	6.8%	6.2%
Import	Agriculture	3.6%	3.9%	2.0%	1.9%	1.9%	1.8%	1.7%	1.5%
Export	Extractive	1.2%	4.2%	17.1%	17.0%	16.6%	16.6%	16.4%	16.2%
Import	Extractive	2.0%	1.4%	0.7%	0.6%	0.6%	0.6%	0.6%	0.6%
Export	Food	1.3%	2.5%	2.8%	2.6%	2.2%	2.1%	2.0%	2.0%
Import	Food	1.6%	2.4%	2.3%	2.5%	3.2%	3.8%	4.7%	5.6%
Export	Materials	8.5%	9.5%	9.7%	9.7%	10.4%	11.3%	11.9%	11.7%
Import	Materials	4.1%	4.8%	5.0%	4.9%	4.8%	4.7%	4.6%	4.4%
Export	Consumer	2.9%	2.1%	3.9%	3.8%	3.7%	3.4%	2.8%	2.3%
Import	Consumer	2.4%	3.9%	5.6%	5.7%	5.6%	5.5%	5.4%	5.3%
Export	Chemical	3.3%	3.3%	3.8%	3.7%	3.6%	3.3%	3.0%	2.6%
Import	Chemical	5.8%	5.7%	6.0%	5.9%	6.0%	6.1%	6.2%	6.2%
Export	High Tech	7.6%	8.1%	8.1%	8.2%	8.3%	8.6%	9.0%	9.3%
Import	High Tech	8.6%	8.0%	8.1%	8.2%	8.4%	8.5%	8.6%	8.7%
Export	Intermediate	2.6%	5.0%	4.2%	5.3%	5.1%	4.9%	4.5%	4.1%
Import	Intermediate	3.1%	3.9%	5.5%	4.4%	5.1%	5.8%	6.6%	7.2%
Export	Capital Equip	4.6%	5.4%	5.2%	5.4%	5.4%	5.3%	5.3%	5.2%
Import	Capital Equip	3.1%	4.9%	5.0%	5.6%	6.5%	7.4%	8.4%	9.3%
Export	Automobile	2.3%	5.4%	3.2%	5.4%	5.9%	5.9%	5.3%	4.6%
Import	Automobile	1.1%	2.6%	2.6%	3.3%	3.4%	3.4%	3.5%	3.5%
Charleston Share of U.S. Trade (TEUs) To/From World, by Commodity									
Trade	**Commodity**	**1995**	**2000**	**2005**	**2010**	**2020**	**2030**	**2040**	**2050**
Export	ALL	6.4%	7.9%	6.5%	6.6%	7.0%	7.3%	7.2%	6.8%
Import	ALL	4.4%	5.6%	5.5%	5.8%	6.2%	6.6%	6.9%	7.1%
Export	Agriculture	2.9%	3.2%	4.1%	4.1%	4.3%	4.6%	4.9%	5.2%
Import	Agriculture	4.6%	6.3%	3.2%	3.1%	2.9%	2.7%	2.4%	2.1%
Export	Extractive	8.8%	22.3%	7.4%	7.2%	6.8%	6.5%	6.1%	5.6%
Import	Extractive	9.2%	3.5%	0.6%	0.5%	0.4%	0.3%	0.2%	0.2%
Export	Food	3.4%	4.3%	2.6%	2.5%	2.3%	2.2%	2.2%	2.1%
Import	Food	3.0%	3.5%	3.2%	3.2%	3.5%	3.9%	4.4%	4.8%
Export	Materials	8.3%	9.8%	7.5%	7.5%	7.9%	8.2%	8.4%	8.2%
Import	Materials	10.1%	10.5%	8.4%	7.9%	7.3%	6.9%	6.5%	6.0%
Export	Consumer	6.4%	5.6%	5.2%	4.9%	4.6%	4.2%	3.6%	2.8%
Import	Consumer	2.9%	3.5%	3.9%	3.9%	4.0%	4.0%	4.0%	3.9%
Export	Chemical	8.0%	8.2%	6.4%	6.4%	6.4%	6.8%	7.3%	7.6%
Import	Chemical	6.8%	8.9%	8.0%	8.3%	8.6%	8.9%	9.3%	9.6%
Export	High Tech	8.1%	7.7%	7.7%	7.7%	7.7%	7.7%	7.7%	7.7%
Import	High Tech	9.1%	7.9%	7.9%	7.9%	8.0%	8.1%	8.2%	8.2%
Export	Intermediate	6.9%	9.7%	8.0%	7.7%	7.0%	6.4%	6.1%	5.9%
Import	Intermediate	3.4%	5.2%	5.3%	5.4%	5.6%	5.9%	6.2%	6.4%
Export	Capital Equip	9.7%	9.8%	9.3%	9.2%	8.8%	8.3%	7.8%	7.2%
Import	Capital Equip	4.1%	5.6%	5.5%	5.8%	6.4%	7.2%	8.3%	9.5%
Export	Automobile	2.3%	9.5%	14.2%	18.3%	23.7%	24.2%	18.9%	12.5%
Import	Automobile	3.1%	7.0%	11.1%	12.8%	15.4%	16.7%	17.3%	17.6%

Tables 13 and 14 show imports and exports of all commodities (metric tonnes) for all South Atlantic ports other than Savannah.[16] Tables 15 and 16 show imports and exports of containerized commodities for all South Atlantic ports other than Savannah.[17] Tables 17 and 18 show imports and exports of TEUs for all South Atlantic ports other than Savannah.[18]

[16] Refer to Appendix A for Savannah metric tonnages as part of U.S. South Atlantic coast ports and other coasts.
[17] Refer to Appendix A for Savannah container tonnages as part of U.S. South Atlantic coast ports and other coasts.
[18] Refer to Appendix A for Savannah TEUs as part of U.S. South Atlantic coast ports and other coasts.

METRIC TONNES

Tables 13 and 14 depict the major world trade areas for each of the South Atlantic Coast ports for total metric tonnes of imports and exports, respectively, and their historic growth from 1995 to 2003 and projected growth from 2003 to 2050. For example, the predominant trade regions for Charleston Harbor total metric tonnes of imports (Table 13) in 2003 (9.960 million tonnes) are East Coast of South America (2.325 million tonnes), North Europe (2.262 million tonnes), and, to a lesser extent, North East Asia (1.177 million tonnes). Charleston Harbor metric tonnes of imports (all commodities) are expected to grow 7.40 percent between 2003 and 2004 and 8.44 percent between 2004 and 2005, then at an average annual rate of 5.48 percent between 2005 and 2010, slowing to an average annual rate of growth of 3.37 percent between 2010 and 2015, and growing at an average annual rate of less than 3 percent between 2015 and 2050. Although the average annual growth rates vary among the ports (Charleston, Jacksonville, Miami, Wilmington, and Norfolk), there is an apparent basic pattern of declining growth of total metric tonnes of imports after 2005 expressed as an average annual compound growth rate.

For total metric tonnes of exports (Table 14) for the South Atlantic ports (excluding Savannah), the pattern of growth differs from imports. Metric tonnes of exports grow substantially less than imports after 2003, averaging less than 2 percent (compound annual growth rate) until 2020. Export growth is expected to increase after 2020, moving close to import growth by 2040 and surpassing import growth for the period 2040 to 2050. For example, the predominant trade regions for Charleston Harbor total export metric tonnes in 2003 (4.311 million tonnes) are North Europe (1.461 million tonnes) and North East Asia (0.943 million tonnes). Charleston Harbor export metric tonnes (all commodities) are expected to grow 3.64 percent between 2003 and 2004 and 1.29 percent between 2004 and 2005, then at an average annual rate of 1.17 percent between 2005 and 2010, growing to an average annual rate of growth of 1.55 percent between 2010 and 2015, and increasing to 2.32 percent between 2015 and 2020 and 3.17 percent between 2020 and 2030. After 2030, Charleston Harbor's export growth rates increase to 4.66 percent between 2030 and 2040 and 5.64 percent between 2040 and 2050.

CONTAINERIZED TONNES

Tables 15 and 16 depict the major world trade areas for each of the South Atlantic Coast ports for total containerized tonnes of imports and exports, respectively, and their historic growth from 1995 to 2003 and projected growth from 2003 to 2050. For example, the predominant trade regions for Charleston Harbor total container tonnes of imports (Table 15) in 2003 (3.363 million tonnes) are North Europe (0.939 million tonnes) and North East Asia (0.681 million tonnes). Charleston Harbor import container tonnes (all commodities) are expected to grow 4.15 percent between 2003 and 2004 and 8.13 percent between 2004 and 2005, then at an average annual rate of 5.86 percent between 2005 and 2010, slowing to an average annual rate of growth of 3.30 percent between 2010 and 2015, and growing at an average annual rate of less than 3 percent between 2015 and 2050. Although the average annual growth rates vary among the ports (Charleston, Jacksonville, Miami, Wilmington, and Norfolk), there is an apparent basic pattern

Table 13. Metric Tonnes of Imports to U.S. South Atlantic Coast Ports by World Trade Route, All Commodities: 1995 - 2050 (selected years)

Destination	Origin	Product Group	1995	2000	2003	2004	2005	2010	2015	2020	2030	2040	2050
Charleston	World	All Commodities	4,097,103	7,434,344	9,960,208	10,697,651	11,600,373	15,145,150	17,879,077	20,549,886	27,184,692	35,637,899	45,562,525
Charleston	Percent Change	All Commodities	NA	12.66%	10.24%	7.40%	8.44%	5.48%	3.37%	2.82%	2.84%	2.74%	2.49%
Charleston	Africa	All Commodities	44,346	69,857	139,757	148,828	155,931	181,810	202,183	223,211	277,052	342,400	412,213
Charleston	Central America	All Commodities	38,768	149,217	231,806	251,211	264,712	305,467	334,559	359,608	417,082	486,202	565,545
Charleston	East Coast S America	All Commodities	926,143	1,271,197	2,325,682	2,586,504	2,872,600	3,762,052	4,645,920	5,473,302	7,391,875	9,699,711	12,337,940
Charleston	Eastern Europe	All Commodities	77,151	387,749	578,100	611,610	651,498	875,436	1,105,527	1,386,947	2,242,633	3,486,794	4,933,587
Charleston	India	All Commodities	179,330	236,575	490,609	519,014	545,755	715,461	855,377	980,062	1,287,192	1,657,504	2,052,894
Charleston	Middle East	All Commodities	10,356	21,626	47,713	53,123	56,267	73,463	83,964	99,202	141,652	203,085	281,869
Charleston	Mediterranean	All Commodities	312,625	551,096	615,208	684,556	767,986	1,051,037	1,239,923	1,432,974	1,905,965	2,517,733	3,290,967
Charleston	North America	All Commodities	319,254	409,909	287,956	294,242	286,193	261,187	234,319	210,846	185,566	186,451	213,392
Charleston	NE Asia	All Commodities	484,284	942,972	1,177,619	1,248,655	1,359,378	1,939,860	2,391,375	2,871,599	4,112,131	5,749,637	7,691,269
Charleston	North Europe	All Commodities	1,085,060	1,949,477	2,262,347	2,408,307	2,592,197	3,277,009	3,730,334	4,163,245	5,323,561	6,979,599	9,201,662
Charleston	Oceania	All Commodities	290,230	171,046	498,321	483,504	501,561	632,687	724,924	788,773	925,951	1,087,938	1,286,671
Charleston	Europe, Other	All Commodities	33,707	89,253	146,284	146,285	151,337	177,810	199,227	220,184	268,883	321,444	371,479
Charleston	SE Asia	All Commodities	227,697	740,122	276,519	286,495	298,293	354,452	382,835	411,816	469,842	522,228	575,029
Charleston	West Coast S America	All Commodities	68,153	444,248	882,286	975,319	1,096,664	1,537,419	1,748,609	1,928,117	2,235,308	2,397,172	2,348,010
Jacksonville	World	All Commodities	9,061,850	14,263,647	18,204,602	19,497,047	20,494,894	24,079,236	27,153,394	30,630,275	40,439,603	54,232,906	70,450,496
Jacksonville	Percent Change	All Commodities	NA	9.50%	8.47%	7.10%	5.12%	3.28%	2.43%	2.44%	2.82%	2.98%	2.65%
Jacksonville	Africa	All Commodities	25,292	81,508	92,174	102,796	107,347	105,763	109,135	115,034	133,165	161,332	199,183
Jacksonville	Central America	All Commodities	2,539,743	2,898,715	4,039,526	4,388,739	4,568,814	5,182,920	5,622,769	5,979,947	6,786,965	7,698,729	8,654,290
Jacksonville	East Coast S America	All Commodities	1,597,217	3,048,714	3,768,209	4,113,020	4,381,657	5,385,628	6,159,684	6,893,666	8,700,876	11,192,200	14,431,770
Jacksonville	Eastern Europe	All Commodities	784,809	839,880	1,105,694	1,204,662	1,340,680	2,173,088	3,497,107	5,449,423	11,606,722	20,941,315	31,987,532
Jacksonville	India	All Commodities	5,297	7,606	45,885	52,820	61,141	100,667	137,411	177,971	286,944	442,998	644,974
Jacksonville	Middle East	All Commodities	2,299	2,101	3,509	3,692	3,963	5,795	8,391	11,844	21,465	35,582	54,838
Jacksonville	Mediterranean	All Commodities	330,168	218,985	565,752	630,050	700,286	865,965	964,457	1,056,980	1,259,373	1,492,763	1,766,011
Jacksonville	North America	All Commodities	961,950	2,148,726	2,778,415	2,878,973	2,809,147	2,579,958	2,296,029	2,003,544	1,632,755	1,491,605	1,545,815
Jacksonville	NE Asia	All Commodities	451,961	799,965	723,941	772,383	836,977	1,186,682	1,458,956	1,740,898	2,418,572	3,250,043	4,180,473
Jacksonville	North Europe	All Commodities	714,520	885,531	1,307,199	1,355,225	1,394,275	1,506,002	1,545,594	1,555,573	1,574,304	1,599,366	1,638,546
Jacksonville	Oceania	All Commodities	36,087	25,071	36,939	34,861	34,748	38,781	41,769	44,527	50,222	56,623	64,263
Jacksonville	Europe, Other	All Commodities	862	8,257	53,896	54,403	59,084	80,504	104,666	127,169	180,055	243,309	317,460
Jacksonville	SE Asia	All Commodities	66,904	743,314	177,147	189,268	211,864	331,622	384,301	432,447	499,625	507,292	474,134
Jacksonville	West Coast S America	All Commodities	1,544,741	2,555,275	3,506,317	3,716,156	3,984,913	4,535,862	4,823,126	5,041,250	5,288,560	5,119,750	4,491,206

Destination	Origin	Product Group	1995	2000	2003	2004	2005	2010	2015	2020	2030	2040	2050
Miami	World	All Commodities	5,270,227	7,275,991	8,966,361	9,662,011	10,439,979	13,257,224	15,496,766	17,811,726	24,200,574	33,310,833	44,912,039
Miami	Percent Change	All Commodities	NA	6.66%	7.21%	7.76%	8.05%	4.89%	3.17%	2.82%	3.11%	3.25%	3.03%
Miami	Africa	All Commodities	2,315	16,262	33,651	36,689	38,587	41,694	45,901	50,330	59,261	70,009	83,815
Miami	Central America	All Commodities	832,674	1,001,291	1,156,259	1,209,140	1,254,480	1,403,495	1,542,416	1,669,493	1,982,267	2,370,156	2,860,244
Miami	East Coast S America	All Commodities	2,447,231	1,953,677	2,080,257	2,149,540	2,198,126	2,282,039	2,348,938	2,408,935	2,529,584	2,652,188	2,762,303
Miami	Eastern Europe	All Commodities	7,269	106,878	317,477	348,742	394,792	699,969	1,170,686	1,828,000	3,961,822	7,270,939	11,210,943
Miami	India	All Commodities	16,519	31,223	45,542	48,834	52,239	70,212	84,516	97,894	133,435	179,464	229,167
Miami	Middle East	All Commodities	7,809	6,279	12,143	12,983	13,833	16,954	20,136	24,442	36,683	55,157	81,070
Miami	Mediterranean	All Commodities	494,473	1,175,247	1,639,416	1,853,749	2,116,269	2,912,114	3,354,847	3,797,179	4,862,464	6,234,882	8,000,562
Miami	North America	All Commodities	34,000	62,450	135,135	141,489	142,089	148,287	150,310	153,938	154,616	152,215	143,354
Miami	NE Asia	All Commodities	269,852	470,200	715,012	756,794	826,601	1,195,572	1,522,268	1,868,216	2,751,271	3,898,307	5,260,880
Miami	North Europe	All Commodities	639,877	1,665,034	1,964,503	2,198,323	2,458,632	3,370,567	4,023,399	4,574,946	6,201,234	8,766,979	12,525,333
Miami	Oceania	All Commodities	605	4,779	28,688	29,101	30,632	39,409	51,160	64,323	97,890	142,972	200,055
Miami	Europe, Other	All Commodities	4,955	19,486	32,682	35,692	39,635	35,528	35,417	35,975	37,714	39,229	40,572
Miami	SE Asia	All Commodities	101,556	240,224	201,691	210,408	218,728	255,309	271,844	290,830	328,694	362,772	396,979
Miami	West Coast S America	All Commodities	411,093	522,961	603,906	630,527	655,339	786,073	874,929	947,226	1,063,638	1,115,563	1,116,761
Wilmington	World	All Commodities	2,448,975	2,437,581	2,854,866	3,121,860	3,347,959	4,506,198	5,842,877	7,516,245	12,963,526	22,585,840	37,475,137
Wilmington	Percent Change	All Commodities	NA	-0.09%	5.41%	9.35%	7.24%	6.12%	5.33%	5.17%	5.60%	5.71%	5.19%
Wilmington	Africa	All Commodities	28,601	24,335	28,852	30,834	31,717	31,550	30,014	30,956	38,311	52,491	74,152
Wilmington	Central America	All Commodities	380,484	238,121	138,826	157,329	168,634	217,262	275,815	345,046	548,618	894,645	1,509,668
Wilmington	East Coast S America	All Commodities	605,888	240,126	899,526	1,001,891	1,070,253	1,342,087	1,646,759	2,007,195	3,016,770	4,602,478	7,105,474
Wilmington	Eastern Europe	All Commodities	164,241	250,333	289,704	312,809	336,798	447,806	560,256	666,537	870,156	969,800	979,208
Wilmington	India	All Commodities	13,557	48,869	4,335	4,763	5,179	7,478	9,797	11,212	19,001	33,819	62,714
Wilmington	Middle East	All Commodities	4,089	10,090	10,228	11,525	12,821	20,231	29,741	42,224	77,117	128,456	198,596
Wilmington	Mediterranean	All Commodities	96,595	174,962	68,789	67,828	69,884	71,174	74,247	83,420	126,430	222,423	417,278
Wilmington	North America	All Commodities	516,426	347,643	270,304	287,149	290,682	317,731	335,048	349,430	386,186	430,929	484,086
Wilmington	NE Asia	All Commodities	252,357	477,745	449,931	480,442	525,857	785,635	1,023,641	1,278,091	1,929,904	2,796,034	3,892,758
Wilmington	North Europe	All Commodities	244,235	316,567	323,385	348,379	367,790	495,908	624,603	737,238	990,011	1,228,507	1,426,945
Wilmington	Oceania	All Commodities	10,855	566	508	539	610	1,008	1,342	1,750	3,015	5,279	9,324
Wilmington	Europe, Other	All Commodities	4,857	213	10,756	11,466	13,092	22,860	38,249	61,771	146,131	298,946	566,416
Wilmington	SE Asia	All Commodities	74,474	198,467	154,501	165,828	178,173	237,941	300,800	375,370	608,155	963,366	1,471,220
Wilmington	West Coast S America	All Commodities	52,316	109,543	205,221	241,077	276,471	507,526	892,567	1,526,005	4,203,722	9,958,666	19,277,296
Norfolk	World	All Commodities	6,994,318	8,322,228	9,433,485	10,131,565	10,780,474	13,627,474	15,536,302	17,292,126	21,422,507	26,272,184	31,878,838
Norfolk	Percent Change	All Commodities	NA	3.54%	4.27%	7.40%	6.40%	4.80%	2.66%	2.16%	2.17%	2.06%	1.95%
Norfolk	Africa	All Commodities	99,800	72,888	83,974	86,880	90,776	105,438	112,564	119,400	137,579	160,771	187,574
Norfolk	Central America	All Commodities	350,015	173,886	102,863	111,829	116,437	129,048	135,445	138,625	147,150	158,985	175,384
Norfolk	East Coast S America	All Commodities	2,160,946	1,205,440	2,146,842	2,370,197	2,508,878	3,065,412	3,405,806	3,678,272	4,187,982	4,573,793	4,860,650
Norfolk	Eastern Europe	All Commodities	217,077	765,335	726,490	761,833	802,113	988,958	1,129,057	1,232,285	1,423,467	1,611,533	1,917,888
Norfolk	India	All Commodities	84,361	171,711	315,088	328,333	341,144	427,991	495,671	545,564	708,125	910,585	1,129,265
Norfolk	Middle East	All Commodities	6,262	15,499	23,128	25,421	26,747	33,676	36,027	39,892	49,419	61,307	74,690
Norfolk	Mediterranean	All Commodities	870,389	792,620	422,672	451,173	482,944	565,361	615,268	660,590	758,942	859,107	956,596
Norfolk	North America	All Commodities	524,235	1,335,219	1,476,153	1,648,882	1,759,909	2,392,232	2,877,566	3,340,790	4,531,116	6,190,357	8,435,852
Norfolk	NE Asia	All Commodities	320,325	699,201	1,283,559	1,357,248	1,496,083	2,205,526	2,649,452	3,120,563	4,284,839	5,651,261	7,034,729
Norfolk	North Europe	All Commodities	1,405,009	2,070,001	1,867,633	1,964,191	2,073,303	2,384,108	2,577,689	2,737,528	3,088,186	3,480,671	3,919,956
Norfolk	Oceania	All Commodities	37,125	87,903	85,253	83,357	89,357	121,371	137,679	152,078	185,398	222,051	259,592
Norfolk	Europe, Other	All Commodities	23,326	41,474	60,823	61,182	63,011	66,730	71,550	76,790	89,278	102,402	115,637
Norfolk	SE Asia	All Commodities	287,150	433,543	439,407	460,931	488,395	607,076	678,771	760,125	964,617	1,226,387	1,527,611
Norfolk	West Coast S America	All Commodities	608,298	457,507	399,601	420,109	441,377	534,546	613,757	689,623	866,408	1,062,974	1,283,414

Destination	Origin	Product Group	1995	2000	2003	2004	2005	2010	2015	2020	2030	2040	2050
Other N Atlantic	World	All Commodities	70,489,654	97,532,863	116,408,329	128,349,493	136,058,556	162,839,330	179,056,054	192,105,162	223,766,727	263,367,006	313,960,208
Other N Atlantic	Percent Change	All Commodities	NA	6.71%	6.07%	10.26%	6.01%	3.66%	1.92%	1.42%	1.54%	1.64%	1.77%
Other N Atlantic	Africa	All Commodities	8,254,710	7,286,306	8,517,286	9,795,179	10,681,673	13,516,639	14,258,748	14,622,853	15,581,210	16,828,537	18,326,914
Other N Atlantic	Central America	All Commodities	4,396,868	6,926,136	10,789,997	12,563,052	13,176,138	15,036,782	15,348,263	15,210,090	15,064,888	15,146,905	15,717,244
Other N Atlantic	East Coast S America	All Commodities	19,533,066	24,582,522	20,298,181	22,635,865	24,342,050	29,822,259	34,107,482	37,981,170	47,741,624	61,021,054	79,027,366
Other N Atlantic	Eastern Europe	All Commodities	1,418,390	5,772,634	8,821,535	9,859,611	10,414,524	12,467,183	13,892,917	14,789,066	15,792,158	15,920,834	16,889,006
Other N Atlantic	India	All Commodities	461,364	1,164,090	2,037,054	2,239,948	2,396,703	3,223,311	3,881,132	4,468,929	6,014,427	7,970,894	10,222,148
Other N Atlantic	Middle East	All Commodities	120,627	155,636	200,848	217,114	229,353	279,124	295,654	314,535	353,461	397,070	449,653
Other N Atlantic	Mediterranean	All Commodities	2,674,018	3,611,941	3,733,817	4,074,731	4,408,509	5,171,282	5,553,004	5,865,303	6,632,938	7,602,161	8,840,487
Other N Atlantic	North America	All Commodities	11,287,328	15,883,865	21,127,065	23,773,694	25,024,205	30,030,052	33,620,180	36,494,332	42,945,883	51,075,773	61,968,402
Other N Atlantic	NE Asia	All Commodities	4,089,421	4,500,008	5,923,700	6,261,738	6,866,681	9,598,083	11,389,342	13,063,480	16,951,602	21,075,832	24,546,670
Other N Atlantic	North Europe	All Commodities	8,645,170	15,005,898	17,520,521	19,067,090	20,124,260	23,540,380	25,765,044	27,721,529	33,594,511	41,862,678	52,458,546
Other N Atlantic	Oceania	All Commodities	1,485,281	1,105,142	1,240,692	1,237,897	1,352,942	1,931,754	2,196,597	2,451,238	3,064,161	3,768,583	4,497,186
Other N Atlantic	Europe, Other	All Commodities	72,829	185,367	282,709	292,039	309,701	349,384	375,594	401,784	473,717	568,734	683,700
Other N Atlantic	SE Asia	All Commodities	2,348,233	2,940,116	3,776,008	3,892,791	4,108,307	4,381,117	4,345,501	4,341,516	4,533,682	4,874,724	5,306,777
Other N Atlantic	West Coast S America	All Commodities	5,702,349	8,413,201	12,138,914	12,438,743	12,623,507	13,491,979	14,026,597	14,379,338	15,022,464	15,253,228	15,026,106

Table 14. Metric Tonnes of Exports from U.S. South Atlantic Coast Ports by World Trade Route, All Commodities: 1995 - 2050 (selected years)

Origin	Destination	Product Group	1995	2000	2003	2004	2005	2010	2015	2020	2030	2040	2050
Charleston	World	All Commodities	4,471,085	4,943,363	4,311,335	4,468,451	4,525,876	4,796,518	5,178,853	5,808,573	7,936,065	12,518,670	21,669,619
Charleston	Percent Change	All Commodities	NA	2.03%	-4.46%	3.64%	1.29%	1.17%	1.55%	2.32%	3.17%	4.66%	5.64%
Charleston	Africa	All Commodities	60,449	78,441	76,697	76,670	76,853	83,010	90,006	104,276	204,324	590,128	1,600,469
Charleston	Central America	All Commodities	42,713	99,765	122,474	128,407	131,130	146,366	160,769	175,827	232,268	376,563	692,404
Charleston	East Coast S America	All Commodities	139,728	386,768	296,929	313,647	314,979	336,842	352,267	369,284	408,744	452,734	504,447
Charleston	Eastern Europe	All Commodities	144,136	162,741	284,354	301,431	316,269	391,075	438,050	522,388	944,617	2,173,572	4,934,041
Charleston	India	All Commodities	103,015	65,429	186,994	190,244	194,429	225,402	265,843	321,623	516,797	968,016	1,900,266
Charleston	Middle East	All Commodities	86,011	66,868	62,446	62,892	63,294	67,653	72,386	79,858	99,233	124,716	156,991
Charleston	Mediterranean	All Commodities	231,251	336,575	309,947	327,690	339,276	363,182	403,497	464,539	620,055	839,472	1,143,751
Charleston	North America	All Commodities	42,362	31	79	79	75	66	64	69	82	102	126
Charleston	NE Asia	All Commodities	1,217,102	1,527,726	943,708	984,757	985,870	999,956	1,018,132	1,100,989	1,362,016	1,839,099	2,707,706
Charleston	North Europe	All Commodities	1,627,905	1,548,010	1,461,284	1,497,619	1,508,468	1,508,898	1,601,459	1,742,663	2,068,922	2,475,359	2,962,139
Charleston	Oceania	All Commodities	42,476	32,122	24,662	26,196	25,597	26,209	27,666	29,387	33,645	39,096	45,986
Charleston	Europe, Other	All Commodities	8,324	44,451	7,325	7,720	8,012	11,129	13,002	14,807	17,969	20,459	22,325
Charleston	SE Asia	All Commodities	488,029	282,327	250,355	259,254	266,007	303,110	352,898	429,562	731,473	1,415,742	2,923,927
Charleston	West Coast S America	All Commodities	237,582	312,108	284,081	291,845	295,615	333,621	382,813	453,301	695,920	1,203,612	2,075,038
Jacksonville	World	All Commodities	2,910,767	2,482,693	2,247,770	2,338,066	2,384,639	2,613,260	2,806,613	3,073,434	3,872,342	5,222,280	7,457,401
Jacksonville	Percent Change	All Commodities	NA	-3.13%	-3.26%	4.02%	1.99%	1.85%	1.44%	1.83%	2.34%	3.04%	3.63%
Jacksonville	Africa	All Commodities	19,731	5,644	9,573	9,681	9,690	10,335	10,756	11,554	15,059	25,305	49,973
Jacksonville	Central America	All Commodities	422,815	456,710	594,085	618,986	639,151	720,102	769,603	827,559	991,645	1,249,634	1,660,643
Jacksonville	East Coast S America	All Commodities	610,665	295,748	353,741	365,807	364,639	377,015	381,064	386,398	404,318	427,954	458,841
Jacksonville	Eastern Europe	All Commodities	109,533	281,352	117,108	127,030	139,920	184,166	195,381	222,250	316,207	448,228	621,389
Jacksonville	India	All Commodities	881	1,864	1,495	1,559	1,646	2,436	4,129	7,947	35,392	136,255	388,061
Jacksonville	Middle East	All Commodities	13,360	12,333	11,304	11,417	11,376	11,327	10,850	11,004	11,571	12,367	13,461
Jacksonville	Mediterranean	All Commodities	108,153	208,612	168,396	185,056	194,424	215,050	240,628	276,909	366,115	484,225	634,281
Jacksonville	North America	All Commodities	2,795	35	4,781	4,838	4,787	5,651	6,817	8,146	11,068	14,560	18,504
Jacksonville	NE Asia	All Commodities	220,317	120,926	222,732	228,039	231,926	247,625	259,117	270,979	316,869	415,216	622,661
Jacksonville	North Europe	All Commodities	869,487	782,912	434,511	453,542	452,961	472,868	512,803	559,083	660,167	788,609	943,056
Jacksonville	Oceania	All Commodities	46,081	3,018	2,345	2,448	2,506	2,933	3,324	3,775	4,847	6,173	7,787
Jacksonville	Europe, Other	All Commodities	902	343	244	239	238	266	279	298	338	382	429
Jacksonville	SE Asia	All Commodities	61,603	56,043	99,062	105,345	110,638	141,688	174,567	215,918	340,634	572,362	989,014
Jacksonville	West Coast S America	All Commodities	424,443	257,154	228,393	224,079	220,737	221,798	237,295	271,613	398,111	641,009	1,049,301

Origin	Destination	Product Group	1995	2000	2003	2004	2005	2010	2015	2020	2030	2040	2050
Miami	World	All Commodities	2,417,867	2,775,307	2,685,518	2,802,643	2,859,001	3,127,980	3,355,693	3,632,336	4,549,295	6,448,638	9,948,136
Miami	Percent Change	All Commodities	NA	2.80%	-1.09%	4.36%	2.01%	1.81%	1.42%	1.60%	2.28%	3.55%	4.43%
Miami	Africa	All Commodities	2,291	5,151	3,276	3,294	3,311	3,543	3,746	4,057	5,916	11,016	21,186
Miami	Central America	All Commodities	1,039,162	1,620,212	1,574,050	1,639,623	1,684,319	1,876,751	2,013,661	2,159,969	2,651,409	3,654,603	5,400,047
Miami	East Coast S America	All Commodities	527,401	401,144	234,626	248,030	250,488	279,535	293,343	306,150	335,436	368,396	408,493
Miami	Eastern Europe	All Commodities	5,542	5,195	12,673	13,331	13,799	17,694	22,142	29,471	68,450	197,161	510,200
Miami	India	All Commodities	34,492	18,716	31,653	31,156	30,742	29,477	29,590	32,989	61,643	169,052	436,726
Miami	Middle East	All Commodities	3,636	5,666	6,596	6,760	6,996	8,376	9,884	11,600	15,939	21,665	28,895
Miami	Mediterranean	All Commodities	88,240	12,228	40,855	44,833	46,752	50,432	56,822	65,217	85,553	112,544	148,301
Miami	North America	All Commodities	41	3,334	119	119	127	166	167	187	242	329	436
Miami	NE Asia	All Commodities	127,658	143,476	207,158	215,035	213,942	208,239	205,407	215,310	253,014	324,907	458,817
Miami	North Europe	All Commodities	208,779	268,712	308,692	323,993	326,862	323,112	335,091	350,707	380,305	418,218	468,144
Miami	Oceania	All Commodities	2,468	15,818	7,976	8,235	8,200	8,890	9,698	10,566	12,629	15,251	18,436
Miami	Europe, Other	All Commodities	360	890	665	675	682	733	757	789	852	912	967
Miami	SE Asia	All Commodities	26,040	34,106	23,532	24,534	25,458	31,198	38,554	49,955	99,365	232,267	526,031
Miami	West Coast S America	All Commodities	351,757	240,659	233,647	243,025	247,322	289,834	336,830	395,369	578,543	922,318	1,521,456
Wilmington	World	All Commodities	1,118,155	1,142,204	650,285	682,372	683,424	640,118	645,631	706,696	987,658	1,790,944	3,739,136
Wilmington	Percent Change	All Commodities	NA	0.43%	-17.12%	4.93%	0.15%	-1.30%	0.17%	1.82%	3.40%	6.13%	7.64%
Wilmington	Africa	All Commodities	5,101	5,586	4,717	4,926	5,165	5,915	6,496	7,294	10,800	20,466	41,772
Wilmington	Central America	All Commodities	9,219	12,974	5,967	6,277	6,546	8,257	10,912	16,228	52,762	183,658	506,659
Wilmington	East Coast S America	All Commodities	14,784	34,780	4,129	4,511	4,720	6,126	7,473	8,593	11,406	15,944	23,999
Wilmington	Eastern Europe	All Commodities	56,239	5,925	2,623	2,801	3,028	4,350	5,666	7,770	18,990	55,357	143,554
Wilmington	India	All Commodities	1,568	10,893	8,180	8,389	8,569	10,513	13,404	18,966	58,229	213,531	633,372
Wilmington	Middle East	All Commodities	7,955	5,282	4,338	4,343	4,418	4,885	5,286	5,705	6,634	7,679	8,790
Wilmington	Mediterranean	All Commodities	39,742	26,292	21,206	22,114	22,108	20,514	20,130	20,917	23,495	27,400	32,251
Wilmington	North America	All Commodities	41	133,660	15	15	16	20	23	26	32	40	49
Wilmington	NE Asia	All Commodities	596,011	434,031	257,332	268,359	270,898	286,689	298,776	322,586	393,944	522,409	756,852
Wilmington	North Europe	All Commodities	288,885	316,548	277,403	292,379	286,317	201,166	165,732	159,435	150,835	149,241	153,779
Wilmington	Oceania	All Commodities	2,497	1,956	3,553	3,743	3,743	4,304	4,938	5,643	7,370	9,652	12,657
Wilmington	Europe, Other	All Commodities	2,977	3,395	2,008	2,045	2,074	1,785	1,597	1,630	1,698	1,724	1,706
Wilmington	SE Asia	All Commodities	58,472	114,306	56,393	59,868	63,076	81,684	99,363	122,355	217,291	460,278	1,074,062
Wilmington	West Coast S America	All Commodities	34,664	36,576	2,421	2,602	2,746	3,909	5,833	9,550	34,172	123,565	349,632
Norfolk	World	All Commodities	37,366,365	20,704,378	13,453,664	13,662,523	13,834,626	13,328,551	13,119,746	13,246,731	14,255,089	17,425,599	24,880,576
Norfolk	Percent Change	All Commodities	NA	-11.14%	-13.39%	1.55%	1.26%	-0.74%	-0.32%	0.19%	0.74%	2.03%	3.63%
Norfolk	Africa	All Commodities	500,919	198,419	79,025	79,062	78,093	82,842	86,327	93,714	128,540	227,208	442,088
Norfolk	Central America	All Commodities	43,881	69,622	136,461	142,476	147,758	171,327	186,671	207,307	279,555	447,834	805,722
Norfolk	East Coast S America	All Commodities	3,703,011	3,249,477	1,822,142	1,836,807	1,916,628	2,081,412	2,137,999	2,171,610	2,275,842	2,381,149	2,488,270
Norfolk	Eastern Europe	All Commodities	1,437,813	1,090,049	407,043	434,793	467,543	583,264	648,756	728,849	1,150,007	2,547,960	6,079,323
Norfolk	India	All Commodities	87,151	153,331	216,445	220,286	224,612	253,142	294,905	355,525	601,616	1,243,376	2,626,398
Norfolk	Middle East	All Commodities	169,527	84,583	71,968	73,485	76,003	87,748	94,790	101,878	115,602	128,481	140,159
Norfolk	Mediterranean	All Commodities	3,951,546	2,349,985	1,817,624	1,844,320	1,893,963	1,806,234	1,783,302	1,804,490	1,878,212	1,992,758	2,156,263
Norfolk	North America	All Commodities	7,257	24,880	10,396	11,554	10,443	6,689	5,088	4,317	3,299	2,857	2,752
Norfolk	NE Asia	All Commodities	7,807,707	3,041,520	1,201,290	1,242,944	1,255,864	1,305,940	1,351,541	1,436,823	1,695,249	2,155,884	2,994,989
Norfolk	North Europe	All Commodities	18,953,051	9,968,362	7,235,957	7,305,328	7,290,766	6,442,828	5,984,730	5,729,918	5,291,472	5,027,139	4,911,719
Norfolk	Oceania	All Commodities	136,984	92,146	86,798	94,414	90,420	98,022	111,952	128,538	169,152	223,129	292,585
Norfolk	Europe, Other	All Commodities	72,766	17,267	6,718	6,915	7,056	9,286	11,425	14,145	21,234	30,217	40,434
Norfolk	SE Asia	All Commodities	425,269	330,976	309,887	316,419	321,110	338,968	355,336	393,651	527,612	777,025	1,374,023
Norfolk	West Coast S America	All Commodities	69,482	33,762	51,908	53,719	54,367	60,850	66,925	75,966	117,699	240,583	525,850

Origin	Destination	Product Group	1995	2000	2003	2004	2005	2010	2015	2020	2030	2040	2050
Other N Atlantic	World	All Commodities	20,978,097	11,951,303	14,924,707	15,412,014	15,501,700	15,759,479	16,108,345	16,976,977	20,046,958	26,428,802	39,299,488
Other N Atlantic	Percent Change	All Commodities	NA	-10.64%	7.69%	3.27%	0.58%	0.33%	0.44%	1.06%	1.68%	2.80%	4.05%
Other N Atlantic	Africa	All Commodities	214,446	230,781	110,549	111,466	113,117	121,225	126,813	137,111	196,777	361,469	665,932
Other N Atlantic	Central America	All Commodities	330,312	724,192	924,223	957,919	988,563	1,118,596	1,194,332	1,287,273	1,532,858	1,873,001	2,352,584
Other N Atlantic	East Coast S America	All Commodities	1,634,481	813,999	575,932	605,118	616,181	698,373	749,712	799,867	904,668	1,015,630	1,136,408
Other N Atlantic	Eastern Europe	All Commodities	955,762	119,629	216,804	227,480	237,868	294,669	348,979	440,017	947,123	2,566,514	6,570,895
Other N Atlantic	India	All Commodities	636,494	286,359	535,560	539,359	543,844	575,058	614,789	670,783	900,870	1,497,342	2,695,464
Other N Atlantic	Middle East	All Commodities	691,315	183,733	137,422	139,679	143,549	158,933	169,273	181,146	206,395	233,197	260,616
Other N Atlantic	Mediterranean	All Commodities	2,728,047	715,128	1,080,983	1,102,656	1,133,426	1,097,186	1,101,792	1,135,243	1,227,359	1,357,341	1,534,294
Other N Atlantic	North America	All Commodities	425,869	964,811	596,429	611,756	585,875	572,198	576,078	589,903	638,364	625,322	733,241
Other N Atlantic	NE Asia	All Commodities	4,348,793	2,180,700	5,258,293	5,497,231	5,481,836	5,431,643	5,411,196	5,663,344	6,534,422	8,074,842	10,888,581
Other N Atlantic	North Europe	All Commodities	7,407,570	4,581,269	3,589,764	3,644,379	3,668,710	3,658,111	3,758,498	3,900,800	4,268,266	4,801,769	5,526,720
Other N Atlantic	Oceania	All Commodities	103,070	121,433	150,789	164,486	160,458	175,070	195,093	217,189	268,336	330,781	403,508
Other N Atlantic	Europe, Other	All Commodities	25,470	18,019	21,171	22,398	23,399	34,064	45,643	60,042	97,822	147,587	207,121
Other N Atlantic	SE Asia	All Commodities	929,252	724,363	1,289,745	1,336,517	1,348,748	1,324,821	1,281,295	1,320,070	1,608,785	2,528,076	4,763,093
Other N Atlantic	West Coast S America	All Commodities	547,215	286,887	437,044	451,571	456,126	499,532	534,851	574,189	714,913	1,015,930	1,561,030

Table 15. Containerized Tonnes of Imports to U.S. South Atlantic Coast Ports by World Trade Route, All Commodities: 1995 - 2050 (selected years)

Destination	Origin	Product Group	1995	2000	2003	2004	2005	2010	2015	2020	2030	2040	2050
Charleston	World	All Commodities	1,261,537	2,437,615	3,363,179	3,502,757	3,787,706	5,035,660	5,924,561	6,823,126	9,112,316	12,093,056	15,727,325
Charleston	Percent Change	All Commodities	NA	14.08%	11.33%	4.15%	8.13%	5.86%	3.30%	2.86%	2.94%	2.87%	2.66%
Charleston	Africa	All Commodities	18,764	25,520	55,783	58,007	61,673	82,354	97,885	113,701	149,896	192,064	234,835
Charleston	Central America	All Commodities	7,672	26,580	40,844	40,447	43,866	51,309	56,648	61,353	72,982	87,169	104,462
Charleston	East Coast S America	All Commodities	87,206	266,001	505,279	540,424	594,010	773,031	935,957	1,089,428	1,452,887	1,890,056	2,384,763
Charleston	Eastern Europe	All Commodities	24,055	96,831	107,852	108,699	114,915	158,013	198,316	244,167	375,649	561,457	781,146
Charleston	India	All Commodities	96,147	124,838	291,973	294,034	306,181	402,085	475,595	540,906	706,400	910,656	1,139,111
Charleston	Middle East	All Commodities	6,105	13,032	30,114	32,603	34,490	45,794	52,079	61,440	88,007	127,286	178,925
Charleston	Mediterranean	All Commodities	49,997	148,357	183,270	194,637	215,504	288,711	337,651	388,520	514,991	677,542	881,708
Charleston	North America	All Commodities	12,189	8,682	6,310	6,672	6,865	7,792	8,824	10,079	13,568	18,837	26,646
Charleston	NE Asia	All Commodities	280,597	510,264	681,299	711,650	777,788	1,124,025	1,379,152	1,654,360	2,385,573	3,381,944	4,608,093
Charleston	North Europe	All Commodities	455,836	791,270	939,191	1,003,383	1,088,091	1,396,494	1,594,875	1,797,641	2,336,638	3,089,429	4,112,837
Charleston	Oceania	All Commodities	49,315	28,349	77,442	72,718	75,171	96,230	110,470	120,917	144,935	176,041	218,066
Charleston	Europe, Other	All Commodities	10,983	46,594	80,727	64,491	66,061	76,438	84,334	92,402	110,435	128,950	145,259
Charleston	SE Asia	All Commodities	131,649	245,861	165,044	167,554	175,845	208,310	224,050	242,104	284,754	328,351	374,447
Charleston	West Coast S America	All Commodities	31,022	105,434	198,050	207,438	227,247	325,072	368,726	406,107	475,602	523,275	537,027
Jacksonville	World	All Commodities	1,280,854	2,059,019	2,696,401	2,823,007	3,042,724	3,902,856	4,547,446	5,245,877	7,159,019	9,845,401	13,154,390
Jacksonville	Percent Change	All Commodities	NA	9.96%	9.41%	4.70%	7.78%	5.11%	3.10%	2.90%	3.16%	3.24%	2.94%
Jacksonville	Africa	All Commodities	3,563	11,660	13,894	15,720	17,564	22,093	27,035	32,880	47,253	66,795	89,781
Jacksonville	Central America	All Commodities	177,211	240,384	352,548	347,722	376,788	419,764	454,517	478,938	542,867	622,777	726,863
Jacksonville	East Coast S America	All Commodities	329,053	595,605	809,481	859,578	921,930	1,179,201	1,340,471	1,500,420	1,925,717	2,560,187	3,426,988
Jacksonville	Eastern Europe	All Commodities	105,813	122,379	158,867	167,965	186,154	302,173	481,683	746,069	1,584,109	2,869,973	4,433,044
Jacksonville	India	All Commodities	2,757	3,312	23,873	24,736	28,270	44,488	57,391	72,180	113,299	174,217	257,891
Jacksonville	Middle East	All Commodities	863	1,291	1,484	1,523	1,633	2,397	3,329	4,423	7,375	11,841	18,341
Jacksonville	Mediterranean	All Commodities	57,984	41,884	98,698	108,689	122,433	154,995	173,000	190,346	227,820	270,075	320,928
Jacksonville	North America	All Commodities	56,835	104,011	109,200	116,784	122,178	141,032	151,069	157,583	176,607	204,822	245,494
Jacksonville	NE Asia	All Commodities	155,803	274,536	285,902	296,997	324,111	485,977	619,076	760,451	1,122,223	1,606,031	2,193,685
Jacksonville	North Europe	All Commodities	209,443	234,164	411,269	431,746	440,910	488,597	496,971	489,990	483,557	483,993	497,347
Jacksonville	Oceania	All Commodities	13,756	9,361	12,440	11,719	10,128	12,755	15,007	16,099	17,797	19,798	22,349
Jacksonville	Europe, Other	All Commodities	232	4,532	29,329	21,614	23,600	34,314	46,404	57,771	80,622	100,680	114,004
Jacksonville	SE Asia	All Commodities	47,013	176,462	76,604	82,128	96,380	132,311	149,707	168,385	205,173	232,491	253,453
Jacksonville	West Coast S America	All Commodities	120,529	239,437	312,810	336,086	370,644	482,759	531,785	570,342	624,602	621,721	554,223

Destination	Origin	Product Group	1995	2000	2003	2004	2005	2010	2015	2020	2030	2040	2050
Miami	World	All Commodities	1,364,825	2,237,289	3,023,402	3,171,822	3,444,352	4,499,876	5,292,710	6,121,626	8,351,668	11,460,791	15,562,895
Miami	Percent Change	All Commodities	NA	10.39%	10.56%	4.91%	8.59%	5.49%	3.30%	2.95%	3.16%	3.22%	3.11%
Miami	Africa	All Commodities	899	5,040	8,631	9,399	10,431	13,110	15,536	18,177	23,653	30,275	38,075
Miami	Central America	All Commodities	271,206	525,560	651,902	644,221	671,315	756,610	831,260	904,593	1,093,728	1,333,035	1,643,538
Miami	East Coast S America	All Commodities	407,524	351,901	390,079	391,960	401,018	425,338	440,814	455,462	487,897	521,597	555,459
Miami	Eastern Europe	All Commodities	2,235	20,321	49,084	52,077	58,433	101,986	166,656	256,334	548,225	1,005,555	1,564,543
Miami	India	All Commodities	8,869	15,603	25,451	25,484	26,952	35,491	41,351	46,796	62,408	83,347	106,773
Miami	Middle East	All Commodities	4,787	3,724	6,976	7,195	7,595	8,995	10,035	11,339	15,079	21,126	30,435
Miami	Mediterranean	All Commodities	98,839	227,525	323,394	357,495	407,383	567,382	650,212	732,206	931,823	1,193,369	1,538,801
Miami	North America	All Commodities	843	6,113	17,071	17,456	17,586	18,575	18,931	19,579	20,116	20,362	19,858
Miami	NE Asia	All Commodities	180,368	267,390	448,904	468,029	512,744	749,772	954,293	1,174,218	1,748,370	2,509,833	3,440,684
Miami	North Europe	All Commodities	213,204	526,213	721,106	819,348	936,853	1,351,331	1,642,320	1,928,875	2,727,209	3,922,334	5,664,204
Miami	Oceania	All Commodities	380	2,754	17,742	17,497	18,221	23,623	30,504	38,172	57,979	85,079	120,408
Miami	Europe, Other	All Commodities	1,707	11,304	20,199	21,358	23,633	21,213	20,987	21,182	21,849	22,190	22,217
Miami	SE Asia	All Commodities	67,918	120,409	119,435	120,034	126,693	153,936	166,225	180,603	215,247	251,105	288,606
Miami	West Coast S America	All Commodities	106,047	153,431	223,428	220,270	225,497	272,513	303,586	334,092	398,085	461,583	529,293
Wilmington	World	All Commodities	500,971	636,237	733,502	772,656	839,625	1,209,221	1,581,015	2,015,153	3,362,706	5,615,288	9,110,141
Wilmington	Percent Change	All Commodities	NA	4.90%	4.86%	5.34%	8.67%	7.57%	5.51%	4.97%	5.25%	5.26%	4.96%
Wilmington	Africa	All Commodities	2,318	581	2,775	3,384	4,425	6,348	7,991	10,040	15,413	23,416	35,335
Wilmington	Central America	All Commodities	16,540	13,965	46,534	46,187	53,624	72,804	93,736	118,811	193,319	321,568	553,810
Wilmington	East Coast S America	All Commodities	80,832	24,068	80,855	87,601	94,008	126,744	165,648	216,454	380,409	685,772	1,246,079
Wilmington	Eastern Europe	All Commodities	25,989	55,773	54,263	55,640	59,176	76,211	91,941	106,621	136,927	155,011	162,862
Wilmington	India	All Commodities	7,523	18,852	2,572	2,658	2,864	4,104	5,270	5,835	9,848	17,900	34,656
Wilmington	Middle East	All Commodities	1,566	4,048	4,118	4,497	4,978	7,820	11,118	14,932	25,296	41,106	64,247
Wilmington	Mediterranean	All Commodities	6,468	15,245	7,253	8,350	9,731	12,214	13,856	16,141	24,581	42,789	80,128
Wilmington	North America	All Commodities	46,093	24,777	10,586	10,799	10,689	9,891	9,187	8,795	9,070	10,569	13,295
Wilmington	NE Asia	All Commodities	165,412	274,084	297,222	312,466	343,075	518,964	674,295	841,290	1,272,979	1,847,123	2,569,341
Wilmington	North Europe	All Commodities	77,216	91,851	88,958	97,210	100,174	139,967	173,952	196,199	254,873	317,814	382,842
Wilmington	Oceania	All Commodities	5,696	347	380	392	441	736	974	1,267	2,184	3,849	6,880
Wilmington	Europe, Other	All Commodities	1,163	165	5,456	2,639	3,019	5,392	9,159	15,064	37,098	79,554	152,423
Wilmington	SE Asia	All Commodities	52,922	103,860	104,300	108,066	115,395	154,941	194,161	241,625	389,999	615,333	942,360
Wilmington	West Coast S America	All Commodities	11,234	8,621	28,230	32,768	38,024	73,084	129,728	222,079	610,708	1,453,485	2,865,883
Norfolk	World	All Commodities	1,654,417	2,412,844	3,230,294	3,333,337	3,541,441	4,605,270	5,282,095	5,960,689	7,609,389	9,541,578	11,711,690
Norfolk	Percent Change	All Commodities	NA	7.84%	10.21%	3.19%	6.24%	5.39%	2.78%	2.45%	2.47%	2.29%	2.07%
Norfolk	Africa	All Commodities	14,323	27,955	35,392	36,979	39,868	47,624	51,309	54,925	64,079	76,375	91,807
Norfolk	Central America	All Commodities	15,947	12,217	17,155	17,482	18,199	20,457	22,171	23,728	28,037	33,849	40,707
Norfolk	East Coast S America	All Commodities	254,861	345,574	486,799	525,101	548,574	728,239	839,672	938,639	1,117,889	1,222,930	1,265,911
Norfolk	Eastern Europe	All Commodities	48,326	149,126	149,690	151,460	158,769	196,176	221,770	240,045	281,624	328,162	399,154
Norfolk	India	All Commodities	46,446	98,035	184,728	186,240	192,453	243,041	279,606	307,133	399,310	517,470	650,584
Norfolk	Middle East	All Commodities	3,409	9,143	14,529	15,553	16,370	21,076	22,430	24,903	31,125	38,966	47,846
Norfolk	Mediterranean	All Commodities	204,750	204,032	162,669	170,052	183,419	213,899	232,334	249,652	289,087	328,302	363,760
Norfolk	North America	All Commodities	51,362	51,884	56,928	62,327	67,078	86,445	98,986	109,428	134,889	169,677	219,074
Norfolk	NE Asia	All Commodities	176,996	423,387	829,377	851,305	935,147	1,398,787	1,685,498	1,999,427	2,798,771	3,779,313	4,840,816
Norfolk	North Europe	All Commodities	655,652	803,158	894,659	914,569	962,672	1,113,912	1,213,401	1,305,427	1,498,941	1,708,504	1,954,993
Norfolk	Oceania	All Commodities	12,970	32,769	35,210	32,406	34,646	47,547	52,150	54,755	64,138	74,674	85,560
Norfolk	Europe, Other	All Commodities	11,092	23,166	34,474	33,250	33,814	35,976	38,281	40,316	45,965	52,515	59,867
Norfolk	SE Asia	All Commodities	148,550	219,142	256,104	262,654	275,100	350,237	394,650	450,210	600,099	803,320	1,049,968
Norfolk	West Coast S America	All Commodities	9,734	13,255	72,581	73,959	75,334	101,855	129,837	162,102	255,436	407,520	641,641

Destination	Origin	Product Group	1995	2000	2003	2004	2005	2010	2015	2020	2030	2040	2050
Other N Atlantic	World	All Commodities	10,549,036	16,187,158	20,439,880	21,534,362	23,001,096	28,498,222	32,106,756	35,452,847	43,862,675	54,418,313	67,491,475
Other N Atlantic	Percent Change	All Commodities	NA	8.94%	8.09%	5.35%	6.81%	4.38%	2.41%	2.00%	2.15%	2.18%	2.18%
Other N Atlantic	Africa	All Commodities	192,969	305,511	356,137	404,043	452,855	541,683	573,525	596,079	642,069	708,424	791,058
Other N Atlantic	Central America	All Commodities	330,539	494,128	504,049	524,383	542,870	590,397	602,437	599,104	607,938	642,976	715,212
Other N Atlantic	East Coast S America	All Commodities	1,916,370	2,970,442	2,917,028	3,165,815	3,436,342	4,302,625	4,974,341	5,649,399	7,458,600	9,983,563	13,464,366
Other N Atlantic	Eastern Europe	All Commodities	268,512	967,504	1,383,047	1,465,088	1,530,366	1,809,911	1,977,090	2,074,439	2,177,083	2,171,357	2,291,631
Other N Atlantic	India	All Commodities	262,508	619,505	836,366	870,730	923,431	1,282,683	1,529,189	1,741,195	2,339,635	3,118,515	4,025,653
Other N Atlantic	Middle East	All Commodities	58,737	79,547	106,981	113,130	119,635	149,808	158,838	170,686	197,341	229,013	267,622
Other N Atlantic	Mediterranean	All Commodities	541,178	794,499	898,567	980,834	1,082,520	1,312,086	1,430,458	1,524,885	1,762,274	2,026,954	2,317,097
Other N Atlantic	North America	All Commodities	870,152	1,078,177	1,908,427	2,096,107	2,208,208	2,564,394	2,811,671	2,982,200	3,358,188	3,852,745	4,628,620
Other N Atlantic	NE Asia	All Commodities	1,277,813	2,032,612	3,120,006	3,184,292	3,473,318	4,825,871	5,701,394	6,534,918	8,547,172	10,831,582	12,930,597
Other N Atlantic	North Europe	All Commodities	3,189,858	4,691,783	5,540,049	5,826,917	6,224,875	7,447,296	8,365,800	9,301,226	11,682,324	14,739,809	18,665,265
Other N Atlantic	Oceania	All Commodities	273,778	331,380	487,062	444,959	483,803	692,784	737,034	757,833	862,725	985,079	1,102,844
Other N Atlantic	Europe, Other	All Commodities	34,138	100,185	140,856	137,672	143,526	157,782	169,074	179,701	213,079	260,210	320,562
Other N Atlantic	SE Asia	All Commodities	731,753	969,836	1,185,885	1,264,162	1,304,048	1,567,777	1,691,168	1,825,877	2,152,083	2,539,367	2,970,350
Other N Atlantic	West Coast S America	All Commodities	600,731	752,047	1,055,420	1,056,230	1,075,298	1,253,125	1,384,737	1,515,306	1,862,163	2,328,719	3,000,597

Table 16. Containerized Tonnes of Exports from U.S. South Atlantic Coast Ports by World Trade Route, All Commodities: 1995 - 2050 (selected years)

Origin	Destination	Product Group	1995	2000	2003	2004	2005	2010	2015	2020	2030	2040	2050
Charleston	World	All Commodities	2,056,106	2,521,756	2,522,798	2,579,246	2,586,736	2,764,538	2,997,287	3,392,062	4,811,514	8,128,076	15,054,946
Charleston	Percent Change	All Commodities	NA	4.17%	0.01%	2.24%	0.29%	1.34%	1.63%	2.51%	3.56%	5.38%	6.36%
Charleston	Africa	All Commodities	24,683	38,174	38,599	37,311	37,261	41,568	46,553	55,579	118,327	366,120	1,033,667
Charleston	Central America	All Commodities	23,226	56,685	73,938	76,380	77,442	87,549	98,094	111,313	169,892	343,376	750,417
Charleston	East Coast S America	All Commodities	82,113	221,299	168,372	174,372	173,812	188,672	200,693	214,567	249,233	293,167	345,864
Charleston	Eastern Europe	All Commodities	61,868	79,077	170,924	176,786	178,815	220,386	249,725	300,937	565,196	1,381,033	3,302,069
Charleston	India	All Commodities	54,827	36,923	118,143	119,766	117,953	133,848	156,591	189,298	313,805	633,945	1,337,068
Charleston	Middle East	All Commodities	52,084	41,257	42,977	42,643	42,640	46,782	50,454	56,044	71,569	94,413	123,899
Charleston	Mediterranean	All Commodities	106,522	194,194	198,634	204,905	208,779	221,371	247,459	285,434	390,376	550,775	773,468
Charleston	North America	All Commodities	486	22	43	43	41	39	40	44	56	74	97
Charleston	NE Asia	All Commodities	614,250	813,289	597,366	610,208	604,161	611,866	626,603	687,184	888,335	1,276,063	1,967,663
Charleston	North Europe	All Commodities	654,377	708,962	791,866	803,703	817,538	843,258	895,964	980,936	1,198,110	1,508,960	1,896,146
Charleston	Oceania	All Commodities	22,282	16,535	16,039	16,697	16,252	16,838	17,973	19,396	23,055	28,072	34,134
Charleston	Europe, Other	All Commodities	3,675	9,902	2,056	2,103	2,150	2,633	2,969	3,351	4,137	4,952	5,680
Charleston	SE Asia	All Commodities	227,626	147,315	148,900	155,688	149,163	166,748	192,218	234,925	416,510	894,659	2,064,331
Charleston	West Coast S America	All Commodities	128,088	158,120	154,941	158,641	160,729	182,982	211,949	253,053	402,913	752,465	1,420,443
Jacksonville	World	All Commodities	1,398,365	1,251,813	1,173,510	1,189,435	1,193,458	1,320,171	1,445,293	1,609,538	2,158,057	3,274,494	5,351,643
Jacksonville	Percent Change	All Commodities	NA	-2.19%	-2.13%	1.36%	0.34%	2.04%	1.83%	2.18%	2.98%	4.26%	5.04%
Jacksonville	Africa	All Commodities	8,039	3,417	3,446	3,378	3,350	3,553	3,747	4,201	7,063	16,811	42,029
Jacksonville	Central America	All Commodities	192,989	266,796	283,247	283,479	282,411	315,776	342,700	376,646	488,690	719,266	1,144,515
Jacksonville	East Coast S America	All Commodities	341,322	183,729	223,346	226,523	224,068	234,951	242,062	249,862	272,407	302,593	337,929
Jacksonville	Eastern Europe	All Commodities	45,594	117,662	54,612	58,058	63,366	84,357	91,004	105,478	158,968	248,179	382,169
Jacksonville	India	All Commodities	524	1,033	1,224	1,260	1,330	2,069	3,662	7,278	34,224	139,740	416,846
Jacksonville	Middle East	All Commodities	6,388	8,336	7,764	7,567	7,404	7,347	7,221	7,538	8,510	9,932	11,654
Jacksonville	Mediterranean	All Commodities	39,361	88,406	77,917	82,390	83,301	100,903	126,917	153,973	224,664	324,919	452,288
Jacksonville	North America	All Commodities	459	22	847	841	825	981	1,195	1,447	2,046	2,846	3,785
Jacksonville	NE Asia	All Commodities	109,186	77,465	134,942	134,598	135,583	146,316	155,187	163,519	198,533	279,715	450,928
Jacksonville	North Europe	All Commodities	370,529	341,138	205,904	210,607	210,144	223,906	242,407	264,402	318,102	394,349	488,104
Jacksonville	Oceania	All Commodities	24,850	2,229	1,938	1,990	2,033	2,474	2,896	3,411	4,664	6,340	8,385
Jacksonville	Europe, Other	All Commodities	537	167	195	186	184	209	225	246	298	362	431
Jacksonville	SE Asia	All Commodities	27,631	25,130	46,505	48,495	50,551	65,873	83,249	106,417	187,895	391,304	836,359
Jacksonville	West Coast S America	All Commodities	230,955	136,283	131,623	130,062	128,910	131,457	142,821	165,119	251,992	438,137	776,222

Origin	Destination	Product Group	1995	2000	2003	2004	2005	2010	2015	2020	2030	2040	2050
Miami	World	All Commodities	1,420,889	1,708,082	1,787,942	1,833,501	1,854,147	2,049,118	2,229,217	2,451,796	3,236,686	5,007,451	8,411,104
Miami	Percent Change	All Commodities	NA	3.75%	1.53%	2.55%	1.13%	2.02%	1.70%	1.92%	2.82%	4.46%	5.32%
Miami	Africa	All Commodities	1,167	3,000	1,831	1,798	1,809	1,988	2,165	2,448	4,158	9,324	21,170
Miami	Central America	All Commodities	648,626	1,036,097	1,097,900	1,122,122	1,139,643	1,273,053	1,379,491	1,502,836	1,944,990	2,912,624	4,637,999
Miami	East Coast S America	All Commodities	343,230	263,230	161,610	168,455	169,189	192,377	207,209	221,039	254,171	294,950	342,887
Miami	Eastern Europe	All Commodities	2,993	2,637	6,538	6,755	7,023	9,011	11,402	15,379	37,298	116,525	319,888
Miami	India	All Commodities	13,312	12,596	23,427	22,583	22,072	21,459	22,079	25,571	54,107	166,532	460,211
Miami	Middle East	All Commodities	1,913	3,851	4,721	4,767	4,911	6,050	7,100	8,292	11,528	16,320	22,593
Miami	Mediterranean	All Commodities	21,410	8,015	22,507	24,015	24,776	27,526	33,502	39,856	56,447	80,393	112,708
Miami	North America	All Commodities	34	562	43	44	46	61	69	81	115	167	233
Miami	NE Asia	All Commodities	62,428	78,235	136,934	139,066	136,986	133,701	133,909	143,426	180,332	256,226	400,074
Miami	North Europe	All Commodities	97,283	123,949	158,564	163,284	164,115	165,722	174,470	184,547	206,449	239,811	282,372
Miami	Oceania	All Commodities	1,751	11,189	5,316	5,423	5,332	5,885	6,582	7,402	9,433	12,217	15,582
Miami	Europe, Other	All Commodities	224	380	332	324	324	353	371	398	461	539	619
Miami	SE Asia	All Commodities	16,274	19,260	15,306	15,698	16,038	19,646	24,806	33,435	76,020	223,137	594,846
Miami	West Coast S America	All Commodities	210,244	145,081	152,914	159,167	161,885	192,285	226,062	267,087	401,177	678,683	1,199,922
Wilmington	World	All Commodities	524,501	463,829	424,611	434,999	432,700	428,855	441,631	494,482	755,784	1,606,095	3,816,954
Wilmington	Percent Change	All Commodities	NA	-2.43%	-2.90%	2.45%	-0.53%	-0.18%	0.59%	2.29%	4.33%	7.83%	9.04%
Wilmington	Africa	All Commodities	2,172	2,844	1,840	1,866	1,958	2,420	2,894	3,545	6,638	15,700	36,996
Wilmington	Central America	All Commodities	6,686	6,768	4,904	5,102	5,326	7,104	10,039	16,059	58,804	221,679	643,996
Wilmington	East Coast S America	All Commodities	11,105	19,958	4,415	4,734	4,917	6,457	7,991	9,326	12,183	16,229	25,603
Wilmington	Eastern Europe	All Commodities	23,595	3,097	1,650	1,711	1,808	2,673	3,640	5,197	13,932	47,378	135,837
Wilmington	India	All Commodities	908	5,788	5,248	5,765	5,484	6,875	9,317	14,395	52,495	213,976	673,531
Wilmington	Middle East	All Commodities	4,784	3,447	3,216	3,175	3,217	3,703	4,151	4,608	5,712	7,117	8,650
Wilmington	Mediterranean	All Commodities	18,668	14,104	16,066	16,438	16,307	15,369	15,343	16,224	19,094	23,651	29,228
Wilmington	North America	All Commodities	34	6,994	14	14	14	18	21	24	31	41	52
Wilmington	NE Asia	All Commodities	272,216	169,146	172,130	176,042	176,304	188,720	199,895	219,856	283,305	405,791	630,206
Wilmington	North Europe	All Commodities	127,906	156,483	171,899	179,595	179,625	145,889	125,911	123,260	122,473	129,396	141,180
Wilmington	Oceania	All Commodities	1,913	1,887	2,406	2,478	2,495	3,017	3,566	4,218	5,855	8,151	11,136
Wilmington	Europe, Other	All Commodities	1,332	1,471	999	993	998	883	810	841	918	992	1,038
Wilmington	SE Asia	All Commodities	32,428	55,459	37,384	34,473	31,510	41,843	52,316	67,691	141,452	389,559	1,104,397
Wilmington	West Coast S America	All Commodities	20,754	16,383	2,440	2,612	2,738	3,885	5,737	9,241	32,890	126,435	375,104
Norfolk	World	All Commodities	2,563,015	2,222,774	2,404,368	2,439,637	2,439,894	2,588,696	2,756,113	3,031,907	4,106,594	6,907,680	13,247,342
Norfolk	Percent Change	All Commodities	NA	-2.81%	2.65%	1.47%	0.01%	1.19%	1.26%	1.93%	3.08%	5.34%	6.73%
Norfolk	Africa	All Commodities	39,326	23,669	38,074	36,718	34,859	37,821	40,996	46,303	72,825	151,249	330,682
Norfolk	Central America	All Commodities	22,495	27,068	48,381	52,802	56,902	67,709	77,430	91,792	153,134	325,091	718,463
Norfolk	East Coast S America	All Commodities	201,753	208,331	158,024	165,191	166,228	190,660	208,649	226,337	268,873	323,082	382,833
Norfolk	Eastern Europe	All Commodities	155,073	109,198	121,546	126,525	135,376	159,995	176,294	219,440	500,822	1,559,003	4,385,798
Norfolk	India	All Commodities	29,940	84,238	133,490	123,392	122,504	137,051	159,690	194,826	351,683	807,180	1,865,576
Norfolk	Middle East	All Commodities	29,488	53,844	50,847	50,978	52,308	61,355	67,319	73,377	86,503	101,218	114,969
Norfolk	Mediterranean	All Commodities	152,746	162,876	149,887	150,861	153,462	161,881	167,935	175,444	195,145	221,123	248,054
Norfolk	North America	All Commodities	3,225	10,394	4,791	5,220	4,680	3,028	2,333	2,010	1,603	1,473	1,489
Norfolk	NE Asia	All Commodities	646,587	610,453	723,321	732,653	729,233	768,359	809,978	879,203	1,089,106	1,472,299	2,129,365
Norfolk	North Europe	All Commodities	929,075	679,837	700,258	714,405	705,344	704,248	723,446	754,397	840,785	971,953	1,132,777
Norfolk	Oceania	All Commodities	83,336	55,086	58,615	62,533	59,552	66,168	77,209	90,598	125,390	175,582	240,874
Norfolk	Europe, Other	All Commodities	44,616	7,237	3,239	3,350	3,435	4,754	6,039	7,701	12,287	18,696	26,332
Norfolk	SE Asia	All Commodities	200,734	169,739	178,231	179,186	179,612	184,826	193,099	216,845	313,542	547,090	1,089,217
Norfolk	West Coast S America	All Commodities	24,622	20,806	35,664	35,821	36,400	40,842	45,696	53,635	94,896	232,642	580,914

Origin	Destination	Product Group	1995	2000	2003	2004	2005	2010	2015	2020	2030	2040	2050
Other N Atlantic	World	All Commodities	4,389,059	3,899,241	6,203,920	6,349,270	6,371,192	6,688,957	7,104,069	7,782,771	10,129,036	15,191,757	25,135,406
Other N Atlantic	Percent Change	All Commodities	NA	-2.34%	16.74%	2.34%	0.35%	0.98%	1.21%	1.84%	2.67%	4.14%	5.16%
Other N Atlantic	Africa	All Commodities	81,298	48,848	66,676	63,253	62,715	68,897	75,505	84,676	130,071	249,384	469,916
Other N Atlantic	Central America	All Commodities	132,933	214,880	247,122	281,941	321,291	373,389	411,619	459,725	600,097	850,254	1,259,802
Other N Atlantic	East Coast S America	All Commodities	355,873	310,823	254,531	269,473	270,304	313,468	345,008	377,525	451,092	541,929	640,157
Other N Atlantic	Eastern Europe	All Commodities	105,152	70,437	127,987	131,887	136,913	168,243	204,869	268,345	624,394	1,793,891	4,702,576
Other N Atlantic	India	All Commodities	193,920	161,769	364,584	342,394	338,376	351,157	372,676	408,861	571,785	1,035,127	2,044,701
Other N Atlantic	Middle East	All Commodities	82,141	82,761	81,827	81,632	83,549	93,696	101,418	110,011	129,978	154,320	179,275
Other N Atlantic	Mediterranean	All Commodities	269,097	184,753	194,929	197,624	202,454	212,717	230,202	250,590	301,524	371,307	455,081
Other N Atlantic	North America	All Commodities	19,057	67,070	58,405	61,584	58,674	61,523	63,429	68,278	82,246	98,974	128,919
Other N Atlantic	NE Asia	All Commodities	1,139,066	971,172	2,613,463	2,690,811	2,659,440	2,637,912	2,668,854	2,841,192	3,466,407	4,682,659	6,893,030
Other N Atlantic	North Europe	All Commodities	1,322,246	1,136,246	1,330,358	1,343,099	1,350,160	1,490,649	1,657,511	1,830,828	2,265,792	2,875,625	3,642,514
Other N Atlantic	Oceania	All Commodities	59,484	66,903	105,829	112,674	108,616	118,881	134,682	153,456	201,018	266,255	344,844
Other N Atlantic	Europe, Other	All Commodities	15,127	7,621	10,129	11,211	12,071	17,889	24,403	32,841	56,456	90,823	134,030
Other N Atlantic	SE Asia	All Commodities	398,998	415,960	503,430	510,665	508,499	496,142	505,471	558,492	800,259	1,477,082	3,034,587
Other N Atlantic	West Coast S America	All Commodities	214,666	159,999	244,648	251,023	258,129	284,395	308,421	337,951	447,918	704,127	1,205,974

of declining growth of container tonnage imports after 2005 expressed as an average annual compound growth rate.[19]

For total containerized tonnes of exports (Table 16) the pattern of growth differs from imports. Export containerized tonnes grow substantially less than imports after 2003, generally averaging less than 2 percent (compound annual growth rate) until 2020. Export growth is expected to increase after 2020, moving close to import growth by 2040 and surpassing import growth for the period 2040 to 2050. For example, the predominant trade regions for Charleston Harbor total metric export tonnes in 2003 (2.522 million tones) are North Europe (0.791 million tonnes) and North East Asia (0.597 million tonnes). Charleston Harbor export containerized metric tonnes (all commodities) are expected to grow 2.24 percent between 2003 and 2004 and 0.29 percent between 2004 and 2005, then at an average annual rate of 1.34 percent between 2005 and 2010, at 1.63 percent between 2010 and 2015, at 2.51 percent between 2015 and 2020, and at 3.56 percent between 2020 and 2030 (Table 16). After 2030, Charleston Harbor's export growth rates increase to 5.38 percent between 2030 and 2040 and 6.36 percent between 2040 and 2050.

TEUs

Tables 17 and 18 depict the major world trade areas for each of the South Atlantic Coast ports for total TEUs of imports and exports, respectively, and their growth from 1995. For example, the predominant trade regions for Charleston Harbor import TEUs (Table 17) in 2003 (0.756 million) are North Europe (0.273 million) and North East Asia (0.174 million). Charleston Harbor TEUs of exports (Table 18) in 2003 (0.427 million TEUs) are predominantly to North Europe (0.159 million TEUs) and North East Asia (0.094 million TEUs).

Charleston Harbor import TEUs (all commodities) are expected to decline by 5.71 percent between 2003 and 2004, then increase by 7.43 percent between 2004 and 2005, then at an average annual rate of 6.57 percent between 2005 and 2010, slowing to an average annual rate of growth of 4.01 percent between 2010 and 2015, and growing at an average annual rate of approximately 3 to 3.5 percent between 2015 and 2050. For total export TEUs, the pattern of growth differs from imports. Export TEUs grow substantially less than imports after 2003, generally averaging less than 2 percent (compound annual growth rate) until 2015. Export growth is expected to increase after 2020, moving close to import growth by 2030 and surpassing imports for the period 2030 to 2050.

VI. DETAILED OUTPUTS FOR SAVANNAH HARBOR

The results of detailed commodity and world trade projections of imports and exports for Savannah Harbor are summarized in a series of tables for total metric tonnes, containerized tonnes, and TEUs. The data reflect trade routes for the following world regions: (1) Africa; (2) Central America; (3) East Coast South America; (4) Eastern Europe; (5) India; (6) Middle East; (7) Mediterranean; (8) North America; (9) North East Asia; (10) Northern Europe; (11) Oceania; (12) Europe, Other; (13) South East Asia; and (14) West Coast South America. The commodity groups are aggregated to ten categories as follows: (1) Agriculture; (2) Extractive; (3) Food; (4) Materials; (5) Consumer Goods; (6) Chemicals; (7) High

[19] Wilmington has slightly higher average annual growth than the other ports after 2020, but from a much smaller cargo base.

Table 17. TEUs of Imports to U.S. South Atlantic Coast Ports by World Trade Route, All Commodities: 1995 - 2050 (selected years)

Destination	Origin	Product Group	1995	2000	2003	2004	2005	2010	2015	2020	2030	2040	2050
Charleston	World	All Commodities	273,581	564,694	756,533	713,361	766,376	1,053,532	1,282,451	1,522,373	2,125,422	2,917,229	3,905,324
Charleston	Percent Change	All Commodities	NA	15.60%	10.24%	-5.71%	7.43%	6.57%	4.01%	3.49%	3.39%	3.22%	2.96%
Charleston	Africa	All Commodities	5,025	8,875	13,662	13,023	13,996	18,742	22,637	26,812	36,535	47,624	59,790
Charleston	Central America	All Commodities	1,229	6,111	9,331	8,708	9,266	11,299	13,397	15,709	21,746	30,070	41,265
Charleston	East Coast S America	All Commodities	9,424	27,594	50,896	48,532	51,571	67,694	78,533	88,543	107,842	127,660	151,404
Charleston	Eastern Europe	All Commodities	5,026	8,711	13,616	12,243	12,529	14,723	15,935	16,960	19,082	21,432	24,325
Charleston	India	All Commodities	20,045	30,633	79,093	74,441	77,894	102,067	121,575	139,073	179,882	227,727	279,255
Charleston	Middle East	All Commodities	3,592	7,203	12,411	12,027	12,661	15,784	17,576	19,810	25,914	34,595	45,858
Charleston	Mediterranean	All Commodities	14,485	32,599	39,164	38,958	43,737	62,409	79,507	97,987	146,012	212,123	299,184
Charleston	North America	All Commodities	183	329	1,560	1,412	1,595	2,040	2,564	2,800	3,225	3,807	4,653
Charleston	NE Asia	All Commodities	73,923	144,489	174,165	165,831	181,777	272,874	346,313	428,115	647,354	958,669	1,371,783
Charleston	North Europe	All Commodities	95,939	223,567	273,094	254,635	272,962	375,057	457,816	544,126	758,110	1,029,679	1,356,128
Charleston	Oceania	All Commodities	2,212	877	2,353	2,172	2,415	3,404	4,098	4,843	6,696	9,165	12,207
Charleston	Europe, Other	All Commodities	1,588	7,385	8,901	7,893	8,218	10,144	11,625	12,991	16,497	21,008	26,334
Charleston	SE Asia	All Commodities	34,367	42,817	55,223	51,336	53,782	65,687	73,841	82,026	100,335	120,100	140,179
Charleston	West Coast S America	All Commodities	6,542	23,502	23,062	22,149	23,973	31,609	37,034	42,578	56,191	73,571	92,958
Jacksonville	World	All Commodities	22,148	26,885	39,632	195,591	207,389	285,008	360,091	453,996	722,891	1,093,184	1,540,227
Jacksonville	Percent Change	All Commodities	NA	3.95%	13.81%	393.52%	6.03%	6.56%	4.79%	4.74%	4.76%	4.22%	3.49%
Jacksonville	Africa	All Commodities	38	168	243	1,191	1,234	1,419	1,562	1,712	2,046	2,389	2,720
Jacksonville	Central America	All Commodities	3,282	2,733	1,846	9,222	9,868	12,736	15,501	18,672	26,802	37,280	49,458
Jacksonville	East Coast S America	All Commodities	5,214	6,425	13,403	67,194	72,330	102,772	141,501	196,627	363,013	590,376	849,213
Jacksonville	Eastern Europe	All Commodities	201	329	290	1,441	1,514	1,826	2,145	2,522	3,391	4,561	6,084
Jacksonville	India	All Commodities	36	35	77	399	436	613	721	844	1,150	1,551	2,065
Jacksonville	Middle East	All Commodities	8	28	22	109	115	141	156	172	214	270	341
Jacksonville	Mediterranean	All Commodities	836	296	359	1,753	1,831	2,072	2,161	2,261	2,588	3,128	3,899
Jacksonville	North America	All Commodities	159	165	144	751	808	964	1,054	1,123	1,284	1,493	1,759
Jacksonville	NE Asia	All Commodities	4,854	8,253	9,668	49,393	54,181	85,328	113,508	144,848	227,305	344,714	503,853
Jacksonville	North Europe	All Commodities	2,262	4,306	7,707	35,485	35,291	40,785	41,991	41,750	42,785	44,444	46,313
Jacksonville	Oceania	All Commodities	568	14	41	205	230	346	438	531	780	1,112	1,508
Jacksonville	Europe, Other	All Commodities	5	143	329	1,580	1,677	2,099	2,415	2,722	3,404	4,101	4,712
Jacksonville	SE Asia	All Commodities	1,822	3,090	2,926	14,265	14,678	18,615	21,071	24,115	31,508	40,540	50,687
Jacksonville	West Coast S America	All Commodities	2,864	901	2,575	12,602	13,197	15,292	15,868	16,098	16,622	17,224	17,615

Destination	Origin	Product Group	1995	2000	2003	2004	2005	2010	2015	2020	2030	2040	2050
Miami	World	All Commodities	191,197	363,908	484,732	533,234	567,097	717,307	822,175	928,160	1,190,658	1,517,631	1,909,779
Miami	Percent Change	All Commodities	NA	13.74%	10.03%	10.01%	6.35%	4.81%	2.77%	2.45%	2.52%	2.46%	2.32%
Miami	Africa	All Commodities	23	763	995	1,147	1,255	1,738	2,373	3,279	6,524	12,065	19,968
Miami	Central America	All Commodities	55,590	145,454	142,125	155,226	162,669	186,837	206,464	225,196	268,042	315,875	369,057
Miami	East Coast S America	All Commodities	26,133	25,872	34,743	38,178	39,766	47,259	52,542	57,405	68,641	83,123	102,749
Miami	Eastern Europe	All Commodities	549	844	1,146	1,226	1,248	1,309	1,290	1,279	1,282	1,323	1,430
Miami	India	All Commodities	1,895	3,114	4,416	4,849	5,049	6,206	6,940	7,571	9,245	11,272	13,175
Miami	Middle East	All Commodities	1,912	991	1,797	1,997	2,091	2,408	2,569	2,711	2,988	3,264	3,514
Miami	Mediterranean	All Commodities	8,001	18,006	43,639	45,360	47,458	71,156	79,958	87,259	106,370	130,142	159,711
Miami	North America	All Commodities	1,154	612	2,017	2,288	2,612	3,837	4,867	5,757	7,192	8,138	8,739
Miami	NE Asia	All Commodities	40,232	58,022	103,217	114,885	124,234	177,459	221,092	266,742	383,451	533,465	713,422
Miami	North Europe	All Commodities	27,402	59,595	71,607	82,117	90,626	108,040	119,632	131,535	162,380	202,855	252,975
Miami	Oceania	All Commodities	58	396	2,369	2,356	2,614	4,313	5,702	7,176	10,765	16,183	24,187
Miami	Europe, Other	All Commodities	156	1,002	1,748	1,855	1,929	2,414	2,860	3,334	4,561	6,048	7,549
Miami	SE Asia	All Commodities	13,620	22,162	27,491	30,098	31,874	41,700	48,412	56,270	74,735	96,201	121,010
Miami	West Coast S America	All Commodities	14,472	27,074	47,422	51,652	53,672	62,631	67,474	72,646	84,481	97,677	112,291
Wilmington	World	All Commodities	26,268	40,285	45,717	85,683	92,810	139,503	182,438	230,356	357,183	533,105	770,210
Wilmington	Percent Change	All Commodities	NA	8.93%	4.31%	87.42%	8.32%	8.49%	5.51%	4.77%	4.48%	4.09%	3.75%
Wilmington	Africa	All Commodities	8	13	62	123	139	215	316	471	1,091	2,570	5,810
Wilmington	Central America	All Commodities	122	108	280	557	612	990	1,437	1,978	3,517	5,870	9,308
Wilmington	East Coast S America	All Commodities	415	261	1,855	3,608	3,995	5,959	8,435	11,599	21,332	38,006	65,804
Wilmington	Eastern Europe	All Commodities	522	151	263	509	560	833	1,160	1,474	2,463	3,663	4,842
Wilmington	India	All Commodities	273	321	141	277	312	499	649	840	1,435	2,549	4,742
Wilmington	Middle East	All Commodities	16	23	23	45	50	75	95	118	175	255	365
Wilmington	Mediterranean	All Commodities	201	649	278	498	530	732	865	1,013	1,427	2,078	3,114
Wilmington	North America	All Commodities	10	35	46	93	104	160	205	259	420	703	1,227
Wilmington	NE Asia	All Commodities	16,370	27,163	29,233	55,138	60,299	93,431	122,639	153,782	230,480	328,280	447,867
Wilmington	North Europe	All Commodities	2,380	1,976	2,781	5,112	5,496	8,723	12,201	16,327	30,862	55,220	90,200
Wilmington	Oceania	All Commodities	15	37	79	147	168	274	345	420	608	868	1,213
Wilmington	Europe, Other	All Commodities	18	18	80	149	165	255	380	557	1,184	2,404	4,543
Wilmington	SE Asia	All Commodities	5,571	9,134	9,697	17,714	18,443	24,099	28,585	34,289	50,127	74,439	112,067
Wilmington	West Coast S America	All Commodities	347	396	899	1,715	1,936	3,257	5,126	7,230	12,062	16,199	19,108
Norfolk	World	All Commodities	252,672	439,601	631,842	699,550	747,670	986,995	1,137,987	1,297,150	1,719,736	2,294,811	3,028,714
Norfolk	Percent Change	All Commodities	NA	11.71%	12.85%	10.72%	6.88%	5.71%	2.89%	2.65%	2.86%	2.93%	2.81%
Norfolk	Africa	All Commodities	1,234	3,228	6,560	7,297	7,851	9,448	10,008	10,213	10,987	11,875	13,168
Norfolk	Central America	All Commodities	2,586	2,238	15,700	16,721	17,485	18,706	19,454	20,417	23,489	27,609	32,526
Norfolk	East Coast S America	All Commodities	30,600	53,915	82,209	96,745	103,745	135,683	151,219	164,122	188,724	216,186	254,825
Norfolk	Eastern Europe	All Commodities	3,573	9,276	10,355	10,922	11,228	13,639	15,372	16,990	20,892	25,435	30,816
Norfolk	India	All Commodities	8,365	17,955	34,479	37,298	38,327	46,748	52,613	57,615	71,774	88,296	104,576
Norfolk	Middle East	All Commodities	3,642	3,716	5,094	5,887	5,994	6,651	6,661	6,949	7,937	9,458	11,426
Norfolk	Mediterranean	All Commodities	24,347	32,421	41,293	45,408	48,508	58,659	63,873	67,052	78,969	94,160	111,501
Norfolk	North America	All Commodities	208	270	894	1,062	1,126	1,640	2,072	2,542	3,752	5,328	7,196
Norfolk	NE Asia	All Commodities	36,420	96,550	181,253	202,452	224,834	352,943	442,793	541,945	805,356	1,170,381	1,642,146
Norfolk	North Europe	All Commodities	121,200	175,594	185,250	200,572	208,250	233,341	244,119	253,264	277,728	308,855	343,863
Norfolk	Oceania	All Commodities	1,223	1,891	2,222	2,320	2,453	2,983	3,203	3,413	3,926	4,553	5,257
Norfolk	Europe, Other	All Commodities	1,713	3,914	3,790	4,053	4,232	4,861	5,317	5,694	6,492	7,351	8,220
Norfolk	SE Asia	All Commodities	16,722	37,851	59,474	65,340	70,114	97,827	117,157	142,507	214,445	318,795	454,890
Norfolk	West Coast S America	All Commodities	842	782	3,267	3,472	3,523	3,865	4,123	4,427	5,267	6,528	8,304

Destination	Origin	Product Group	1995	2000	2003	2004	2005	2010	2015	2020	2030	2040	2050
Other N Atlantic	World	All Commodities	1,159,283	1,866,836	2,608,418	2,425,426	2,623,821	3,414,396	3,921,006	4,433,331	5,797,003	7,617,592	9,900,757
Other N Atlantic	Percent Change	All Commodities	NA	10.00%	11.80%	-7.02%	8.18%	5.41%	2.81%	2.49%	2.72%	2.77%	2.66%
Other N Atlantic	Africa	All Commodities	12,258	22,158	40,165	38,908	43,192	56,502	63,013	66,781	77,745	85,174	92,898
Other N Atlantic	Central America	All Commodities	16,407	23,556	38,932	35,108	36,577	39,901	42,770	46,023	55,698	68,411	83,797
Other N Atlantic	East Coast S America	All Commodities	93,786	145,752	242,058	231,049	250,145	336,913	387,330	435,222	549,436	696,921	897,071
Other N Atlantic	Eastern Europe	All Commodities	17,918	45,552	61,998	55,901	59,726	77,061	89,056	101,240	129,981	163,382	202,145
Other N Atlantic	India	All Commodities	57,505	111,836	160,674	148,984	155,512	207,886	246,393	278,815	364,992	472,193	590,981
Other N Atlantic	Middle East	All Commodities	18,150	38,133	47,546	45,116	48,132	61,183	69,942	80,195	106,759	142,635	188,087
Other N Atlantic	Mediterranean	All Commodities	70,296	115,858	148,045	141,127	154,756	185,664	204,395	218,091	255,532	293,641	328,726
Other N Atlantic	North America	All Commodities	6,374	3,059	4,842	4,648	5,206	6,472	7,503	8,481	11,734	17,285	25,702
Other N Atlantic	NE Asia	All Commodities	244,821	378,991	625,896	578,819	634,792	913,818	1,120,746	1,346,177	1,958,705	2,825,303	3,969,913
Other N Atlantic	North Europe	All Commodities	478,399	752,660	863,483	808,930	876,554	1,060,839	1,157,172	1,245,840	1,485,467	1,786,592	2,125,154
Other N Atlantic	Oceania	All Commodities	24,571	31,989	53,371	44,987	48,863	69,800	72,431	74,975	80,047	83,574	84,164
Other N Atlantic	Europe, Other	All Commodities	6,194	15,782	15,475	13,851	15,104	17,925	20,488	21,798	25,072	30,233	37,601
Other N Atlantic	SE Asia	All Commodities	85,269	128,525	177,743	163,742	178,779	247,199	294,348	350,609	498,285	694,824	931,885
Other N Atlantic	West Coast S America	All Commodities	27,335	52,984	128,190	114,255	116,481	133,233	145,419	159,084	197,549	257,425	342,633

Table 18. TEUs of Exports from U.S. South Atlantic Coast Ports by World Trade Route, All Commodities: 1995 - 2050 (selected years)

Origin	Destination	Product Group	1995	2000	2003	2004	2005	2010	2015	2020	2030	2040	2050
Charleston	World	All Commodities	364,677	414,276	427,016	443,365	449,301	505,916	567,983	648,299	895,918	1,364,276	2,196,283
Charleston	Percent Change	All Commodities	NA	2.58%	1.01%	3.83%	1.34%	2.40%	2.34%	2.68%	3.29%	4.29%	4.88%
Charleston	Africa	All Commodities	5,517	6,052	5,592	5,498	5,474	5,895	6,118	6,439	7,739	10,512	15,593
Charleston	Central America	All Commodities	5,409	13,335	17,652	18,562	19,041	21,404	23,624	26,329	37,621	65,784	123,108
Charleston	East Coast S America	All Commodities	20,283	37,670	31,001	33,098	33,598	38,456	42,588	46,495	54,753	63,909	74,473
Charleston	Eastern Europe	All Commodities	5,872	7,875	13,824	14,271	14,777	17,385	19,710	23,881	45,097	105,708	231,626
Charleston	India	All Commodities	6,158	4,801	17,450	17,865	18,363	22,451	28,060	36,225	71,404	165,422	383,307
Charleston	Middle East	All Commodities	10,780	7,774	3,268	3,289	3,320	3,495	3,614	3,794	4,209	4,672	5,167
Charleston	Mediterranean	All Commodities	24,760	27,593	35,173	36,147	36,517	41,013	45,529	51,025	63,966	79,583	98,083
Charleston	North America	All Commodities	2	2	1	1	1	2	2	2	3	3	4
Charleston	NE Asia	All Commodities	102,109	108,882	94,201	97,799	98,431	102,245	106,386	116,831	148,562	204,566	297,809
Charleston	North Europe	All Commodities	123,746	150,358	159,233	165,600	168,498	198,778	231,411	265,883	344,621	436,016	534,658
Charleston	Oceania	All Commodities	5,667	2,850	2,559	2,775	2,692	2,826	3,134	3,546	4,487	5,552	6,674
Charleston	Europe, Other	All Commodities	400	1,227	372	378	385	413	436	463	529	606	689
Charleston	SE Asia	All Commodities	31,376	19,770	22,592	23,169	23,179	23,400	24,498	27,324	40,318	72,667	133,503
Charleston	West Coast S America	All Commodities	22,601	26,088	24,099	24,914	25,025	28,153	32,873	40,061	72,610	149,278	291,589
Jacksonville	World	All Commodities	124,569	85,307	94,269	97,729	99,299	112,183	122,307	135,491	181,511	285,999	500,993
Jacksonville	Percent Change	All Commodities	NA	-7.29%	3.39%	3.67%	1.61%	2.47%	1.74%	2.07%	2.97%	4.65%	5.77%
Jacksonville	Africa	All Commodities	1,679	199	369	368	366	419	476	548	812	1,500	3,011
Jacksonville	Central America	All Commodities	17,815	17,602	16,220	16,672	17,091	18,713	19,440	20,620	27,082	45,452	84,278
Jacksonville	East Coast S America	All Commodities	48,126	35,277	30,604	32,522	32,852	37,201	40,284	42,807	47,621	52,281	57,344
Jacksonville	Eastern Europe	All Commodities	2,106	2,502	1,243	1,303	1,410	1,750	1,881	2,217	3,792	7,519	14,949
Jacksonville	India	All Commodities	78	144	204	193	204	294	468	828	3,255	11,935	33,414
Jacksonville	Middle East	All Commodities	117	1,361	1,482	1,488	1,478	1,480	1,484	1,536	1,670	1,828	2,004
Jacksonville	Mediterranean	All Commodities	1,435	822	2,970	3,094	3,247	5,125	6,527	8,296	12,399	17,019	21,872
Jacksonville	North America	All Commodities	2	2	1	1	1	2	2	2	3	3	4
Jacksonville	NE Asia	All Commodities	8,957	6,232	12,212	12,610	13,051	14,741	16,174	18,934	27,245	42,415	70,508
Jacksonville	North Europe	All Commodities	24,114	13,361	14,337	14,725	14,964	17,477	19,427	21,240	24,559	27,533	30,386
Jacksonville	Oceania	All Commodities	5,104	697	511	532	538	613	676	739	907	1,128	1,405
Jacksonville	Europe, Other	All Commodities	90	32	19	18	18	20	22	23	26	30	33
Jacksonville	SE Asia	All Commodities	1,580	1,021	5,636	5,698	5,741	6,063	6,707	7,938	15,295	37,928	89,838
Jacksonville	West Coast S America	All Commodities	13,365	6,055	8,462	8,503	8,339	8,285	8,739	9,763	16,845	39,428	91,946

Origin	Destination	Product Group	1995	2000	2003	2004	2005	2010	2015	2020	2030	2040	2050
Miami	World	All Commodities	300,850	258,875	278,640	295,065	301,741	343,887	383,650	431,894	584,994	877,896	1,392,760
Miami	Percent Change	All Commodities	NA	-2.96%	2.48%	5.89%	2.26%	2.65%	2.21%	2.40%	3.08%	4.14%	4.72%
Miami	Africa	All Commodities	155	522	431	432	433	461	488	526	723	1,278	2,497
Miami	Central America	All Commodities	120,696	159,594	166,634	177,636	183,704	211,713	236,761	266,538	359,614	529,984	805,715
Miami	East Coast S America	All Commodities	89,467	45,825	25,542	27,697	28,194	33,236	36,552	38,849	42,917	46,381	50,031
Miami	Eastern Europe	All Commodities	705	582	902	940	975	1,308	1,679	2,198	4,068	8,056	15,497
Miami	India	All Commodities	1,072	1,325	3,676	3,607	3,603	3,690	3,938	4,497	7,811	18,390	43,053
Miami	Middle East	All Commodities	1,409	295	743	742	740	792	822	854	952	1,078	1,210
Miami	Mediterranean	All Commodities	2,327	1,949	5,516	5,746	5,960	8,741	10,927	13,713	20,375	28,302	37,323
Miami	North America	All Commodities	2	2	1	1	1	2	2	2	3	4	5
Miami	NE Asia	All Commodities	14,782	8,500	12,775	13,238	13,341	13,937	15,063	17,291	24,857	39,761	68,610
Miami	North Europe	All Commodities	17,257	11,363	30,353	31,356	30,691	30,423	31,554	33,302	38,147	44,699	52,513
Miami	Oceania	All Commodities	482	633	570	592	600	660	707	757	901	1,103	1,370
Miami	Europe, Other	All Commodities	144	60	18	18	17	20	21	23	26	29	33
Miami	SE Asia	All Commodities	3,484	1,884	2,284	2,394	2,491	3,081	4,019	5,615	13,464	36,191	87,820
Miami	West Coast S America	All Commodities	48,868	26,341	29,195	30,666	30,990	35,823	41,115	47,731	71,137	122,640	227,083
Wilmington	World	All Commodities	54,094	22,298	19,557	20,479	21,143	24,479	28,956	36,222	71,517	178,500	435,375
Wilmington	Percent Change	All Commodities	NA	-16.24%	-4.28%	4.71%	3.24%	2.97%	3.42%	4.58%	7.04%	9.58%	9.33%
Wilmington	Africa	All Commodities	108	78	75	78	81	105	131	166	338	914	2,357
Wilmington	Central America	All Commodities	1,369	709	874	932	993	1,398	1,993	3,066	9,855	33,242	89,926
Wilmington	East Coast S America	All Commodities	3,044	1,586	807	890	926	1,197	1,444	1,628	2,028	2,519	3,268
Wilmington	Eastern Europe	All Commodities	777	212	197	207	225	309	391	496	903	1,868	3,868
Wilmington	India	All Commodities	161	299	290	281	290	394	586	996	3,991	15,840	47,813
Wilmington	Middle East	All Commodities	285	214	264	270	282	354	421	484	622	779	949
Wilmington	Mediterranean	All Commodities	2,080	1,471	905	942	957	897	899	950	1,092	1,284	1,536
Wilmington	North America	All Commodities	3	2	1	1	1	1	2	2	2	3	3
Wilmington	NE Asia	All Commodities	26,735	8,945	8,495	8,878	9,116	10,446	11,941	14,104	21,224	35,337	63,266
Wilmington	North Europe	All Commodities	13,040	4,754	4,571	4,718	4,815	4,756	4,827	5,091	5,862	6,986	8,617
Wilmington	Oceania	All Commodities	753	385	465	484	489	554	608	662	807	997	1,242
Wilmington	Europe, Other	All Commodities	41	13	12	12	12	14	15	16	19	22	25
Wilmington	SE Asia	All Commodities	4,201	2,768	1,977	2,114	2,245	3,027	4,137	5,976	15,456	45,099	117,626
Wilmington	West Coast S America	All Commodities	1,497	863	624	671	710	1,027	1,561	2,586	9,317	33,612	94,879
Norfolk	World	All Commodities	368,035	353,597	380,265	388,736	391,428	419,754	447,059	488,878	640,788	993,433	1,720,759
Norfolk	Percent Change	All Commodities	NA	-0.80%	2.45%	2.23%	0.69%	1.41%	1.27%	1.80%	2.74%	4.48%	5.65%
Norfolk	Africa	All Commodities	3,033	5,770	7,748	7,751	7,805	8,949	9,915	10,949	14,000	19,726	30,344
Norfolk	Central America	All Commodities	3,917	4,721	10,200	10,813	11,333	14,068	15,999	18,309	27,717	52,473	105,522
Norfolk	East Coast S America	All Commodities	33,903	37,096	22,833	24,106	24,290	27,084	28,819	30,243	33,107	36,160	39,757
Norfolk	Eastern Europe	All Commodities	13,937	11,433	15,897	16,555	17,529	21,044	23,639	29,193	60,182	157,833	388,415
Norfolk	India	All Commodities	2,536	8,528	15,651	15,756	16,128	18,209	20,882	24,906	42,356	86,137	170,070
Norfolk	Middle East	All Commodities	4,403	6,790	4,305	4,337	4,382	4,803	5,155	5,535	6,317	7,144	8,010
Norfolk	Mediterranean	All Commodities	22,400	31,471	31,498	31,919	32,059	34,274	34,187	34,690	36,374	39,186	43,468
Norfolk	North America	All Commodities	17	97	113	113	116	135	148	158	169	173	170
Norfolk	NE Asia	All Commodities	73,620	78,387	110,577	113,324	114,054	118,994	125,323	136,310	168,796	231,189	353,020
Norfolk	North Europe	All Commodities	149,256	130,760	116,719	117,910	117,382	121,023	125,659	131,981	148,689	171,396	200,761
Norfolk	Oceania	All Commodities	15,985	11,851	10,981	11,723	11,496	12,717	14,483	16,717	23,726	36,032	56,735
Norfolk	Europe, Other	All Commodities	15,134	1,730	1,046	1,020	979	1,096	1,153	1,215	1,371	1,560	1,782
Norfolk	SE Asia	All Commodities	25,756	22,178	24,148	24,657	25,110	27,746	31,009	36,001	54,893	98,684	188,144
Norfolk	West Coast S America	All Commodities	4,139	2,787	8,548	8,752	8,764	9,612	10,688	12,671	23,091	55,741	134,562

Origin	Destination	Product Group	1995	2000	2003	2004	2005	2010	2015	2020	2030	2040	2050
Other N Atlantic	World	All Commodities	740,845	663,327	952,192	977,979	983,430	1,042,163	1,111,109	1,224,451	1,634,357	2,586,973	4,574,573
Other N Atlantic	Percent Change	All Commodities	NA	-2.19%	12.81%	2.71%	0.56%	1.17%	1.29%	1.96%	2.93%	4.70%	5.87%
Other N Atlantic	Africa	All Commodities	16,023	11,123	18,302	18,151	18,326	20,912	22,769	24,530	29,598	37,949	50,468
Other N Atlantic	Central America	All Commodities	38,666	40,530	47,861	51,266	54,127	67,381	76,532	86,262	113,810	158,980	226,434
Other N Atlantic	East Coast S America	All Commodities	73,878	56,390	43,749	46,849	47,159	53,282	57,344	60,752	67,705	74,978	83,146
Other N Atlantic	Eastern Europe	All Commodities	14,277	10,529	26,492	27,768	29,438	37,585	46,090	60,791	143,862	424,427	1,121,252
Other N Atlantic	India	All Commodities	15,738	19,171	48,631	48,474	48,795	51,948	56,605	64,188	97,691	184,613	359,475
Other N Atlantic	Middle East	All Commodities	18,520	22,384	18,305	18,582	18,990	21,780	24,061	26,420	31,450	36,834	42,491
Other N Atlantic	Mediterranean	All Commodities	42,138	35,471	47,808	49,930	50,912	58,188	62,142	66,710	77,067	89,316	103,655
Other N Atlantic	North America	All Commodities	144	249	468	454	460	494	549	654	887	1,153	1,429
Other N Atlantic	NE Asia	All Commodities	189,203	157,650	316,929	322,757	319,725	314,735	325,800	360,349	473,325	700,716	1,161,151
Other N Atlantic	North Europe	All Commodities	220,190	218,505	246,450	251,900	254,086	264,026	270,066	277,047	293,790	315,558	341,553
Other N Atlantic	Oceania	All Commodities	14,156	12,116	26,307	29,137	28,382	31,658	36,229	41,724	55,973	76,819	106,912
Other N Atlantic	Europe, Other	All Commodities	3,270	1,538	1,340	1,383	1,434	1,890	2,224	2,563	3,299	4,120	5,030
Other N Atlantic	SE Asia	All Commodities	54,349	50,191	71,741	72,605	73,273	77,606	86,604	102,873	171,890	347,199	717,183
Other N Atlantic	West Coast S America	All Commodities	40,295	27,481	37,808	38,723	38,323	40,677	44,096	49,589	74,010	134,310	254,395

Technology; (8) Intermediate Manufacturing; (9) Capital Equipment; and (10) Motor Vehicles. [20] The total volumes of annual trade expressed in tonnes or TEUs for all commodities are shown for 1995, 2000, and 2003 and projected for 2004, 2005, 2010, 2015, 2020, 2030, 2040, and 2050.[21] The compound average annual growth rates are shown for total tonnages for the years contained in the summary data set.

Tables 19 and 20 show imports and exports for all trade routes and all commodities (metric tonnes) for Savannah Harbor; and tables 21 and 22 show imports and exports of containerized commodities for all trade routes and all commodities (metric tonnes) for Savannah Harbor. Tables 23 and 24 show imports and exports of TEUs for all trade routes and all commodities for Savannah Harbor.

METRIC TONNES

Tables 19 and 20 depict the major world trade areas for each of the ten commodity groups for Savannah Harbor total metric tonne imports and exports, respectively, and their historic growth from 1995 to 2003 and projected growth from 2003 to 2050. For example, the predominant trade regions for Savannah Harbor total import metric tonnes (Table 19) in 2003 (11.107 million tonnes) are East Coast of South America (2.957 million tonnes), North East Asia (2.747 million tonnes), North Europe (1.109 million tonnes), and South East Asia (0.639 million tonnes). The leading commodity groups (metric tonnes) for East Coast of South America imports in 2003 are Extractive (1.724 million tonnes) and Chemicals (0.738 million tonnes). The leading commodity groups (metric tonnes) for North East Asia imports in 2003 are Intermediate Manufacturing (0.729 million tonnes), Consumer Goods (0.692 million tonnes), and Capital Equipment (0.442 million tonnes). The leading commodity groups (metric tonnes) for North Europe imports in 2003 are Chemicals (0.547 million tonnes), Intermediate Manufacturing (0.174 million tonnes), and Motor Vehicles (0.153 million tonnes). The leading commodity groups (metric tonnes) for South East Asia imports are Food (0.185 million tonnes) and Consumer Goods (0.110 metric tonnes).

Savannah Harbor total import metric tonnes (all commodities) are expected to grow 7.11 percent between 2003 and 2004 and 6.44 percent between 2004 and 2005, grow at an average annual rate of 3.99 percent between 2005 and 2010, and grow thereafter at an average annual rate of between 2.24 percent and 2.69 percent between 2010 and 2050. By 2010, the largest trade will be North East Asia (4.584 million tonnes), followed by the East Coast of South America (3.634 million tonnes), North Europe (1.664 million tonnes), and South East Asia (0.823 million tonnes). Between 2003 and 2010, import total metric tonnes from North East Asia will grow nearly two-thirds (4.584/2.747 = 1.67), while total import metric tonnes from the East Coast of South America will grow nearly one-quarter (3.634/2.957 = 1.23), total import metric tonnes from North Europe will grow 50 percent (1.664/1.109 = 1.50), and total import metric tonnes from South East Asia will grow nearly 30 percent (0.823/0.639 = 1.29).

[20] A product concordance is contained in Appendix C.
[21] The full electronic version of the forecast provides annual statistics from 1995 to 2050.

Table 19. Metric Tonnes of Imports to Savannah Harbor by World Trade Route and Commodity Groups: 1995 - 2050 (selected years)

Destination	Origin	Product Group	1995	2000	2003	2004	2005	2010	2015	2020	2030	2040	2050
USA	World	All Commodities	349,618,044	480,643,870	523,345,733	572,541,999	609,407,813	732,752,219	807,862,915	870,072,437	1,028,642,640	1,237,230,419	1,503,326,524
USA	Percent Change	All Commodities	NA	6.57%	2.88%	9.40%	6.44%	3.76%	1.97%	1.49%	1.69%	1.86%	1.97%
Savannah	World	All Commodities	5,584,624	8,605,861	11,107,024	11,896,397	12,662,126	15,399,479	17,335,371	19,362,813	24,908,258	32,474,072	41,380,610
Savannah	Percent Change	All Commodities	NA	9.03%	8.88%	7.11%	6.44%	3.99%	2.40%	2.24%	2.55%	2.69%	2.45%
Savannah	Africa	All Commodities	50,629	53,216	34,740	36,457	37,956	42,317	43,103	43,367	45,321	48,755	53,381
Savannah	Africa	Agriculture	771	7,612	6,848	6,618	6,625	6,701	6,678	6,635	6,601	6,605	6,694
Savannah	Africa	Extractive	13,193	19,674	9,542	11,000	12,043	14,716	14,013	12,722	10,696	9,154	7,942
Savannah	Africa	Food	8,321	1,834	658	718	790	1,037	1,160	1,278	1,523	1,777	2,038
Savannah	Africa	Materials	4,605	3,674	6,235	5,793	5,611	5,781	5,987	6,262	7,079	8,232	9,705
Savannah	Africa	Consumer Goods	325	387	2,669	2,760	2,872	3,386	3,755	4,085	4,773	5,492	6,183
Savannah	Africa	Chemicals	20	3,090	870	972	1,052	1,356	1,719	2,089	2,703	3,390	4,251
Savannah	Africa	High Technology	14	15	45	51	58	93	115	140	200	276	369
Savannah	Africa	Intermed. Manufact.	21,940	16,403	6,507	7,019	7,225	6,709	6,521	6,386	6,553	7,047	7,972
Savannah	Africa	Capital Equipment	349	484	193	219	246	358	438	521	733	1,010	1,365
Savannah	Africa	Motor Vehicles	1,093	44	1,174	1,308	1,433	2,180	2,718	3,248	4,459	5,772	6,863
Savannah	Central America	All Commodities	623,681	592,215	1,668,524	1,800,077	1,871,933	2,142,177	2,302,367	2,430,646	2,711,773	3,032,082	3,371,231
Savannah	Central America	Agriculture	23,191	141	341	354	360	330	330	309	274	236	200
Savannah	Central America	Extractive	499,311	461,664	1,324,268	1,436,844	1,492,618	1,688,912	1,811,608	1,910,752	2,133,987	2,389,211	2,645,679
Savannah	Central America	Food	9,248	83,393	175,469	177,567	184,257	224,700	248,932	275,608	332,580	395,470	467,558
Savannah	Central America	Materials	1,914	276	362	334	316	305	307	315	335	354	365
Savannah	Central America	Consumer Goods	4,089	946	3,608	3,702	3,871	4,532	5,108	5,701	7,056	8,431	9,711
Savannah	Central America	Chemicals	56,996	40,556	130,511	143,663	148,574	158,307	164,928	167,480	174,248	183,694	199,651
Savannah	Central America	High Technology	189	321	824	904	1,023	1,517	1,963	2,451	3,722	5,484	7,844
Savannah	Central America	Intermed. Manufact.	5,806	244	119	133	149	182	221	253	324	406	497
Savannah	Central America	Capital Equipment	42	75	38	42	47	59	67	74	91	110	130
Savannah	Central America	Motor Vehicles	22,894	4,598	32,984	36,533	40,718	63,334	68,903	67,705	59,156	48,687	39,596
Savannah	East Coast S America	All Commodities	1,543,543	2,451,715	2,957,043	3,243,541	3,448,048	3,634,015	3,666,660	3,660,397	3,787,047	4,059,661	4,433,359
Savannah	East Coast S America	Agriculture	65,810	106,959	67,263	66,178	67,104	67,607	68,059	66,929	65,694	61,227	52,390
Savannah	East Coast S America	Extractive	924,036	1,585,824	1,724,150	1,896,806	2,023,864	1,945,268	1,756,306	1,539,557	1,213,299	977,590	796,689
Savannah	East Coast S America	Food	76,299	58,391	144,214	155,237	166,601	220,065	263,072	310,317	416,698	533,175	657,865
Savannah	East Coast S America	Materials	181,537	84,980	130,604	130,672	134,291	155,200	153,924	149,232	138,437	124,251	105,363
Savannah	East Coast S America	Consumer Goods	8,514	7,612	5,700	5,904	5,966	6,551	6,591	6,618	6,545	6,284	5,965
Savannah	East Coast S America	Chemicals	163,476	378,177	738,319	831,082	878,686	1,031,369	1,177,343	1,318,344	1,619,367	1,969,925	2,366,513
Savannah	East Coast S America	High Technology	227	541	761	877	1,011	1,716	2,416	3,237	5,486	8,830	13,576
Savannah	East Coast S America	Intermed. Manufact.	117,267	215,237	138,468	148,895	162,407	196,846	229,037	255,968	310,667	366,763	422,423
Savannah	East Coast S America	Capital Equipment	4,054	12,099	5,079	5,318	5,507	6,510	7,110	7,533	8,608	9,931	11,522
Savannah	East Coast S America	Motor Vehicles	2,322	1,895	2,484	2,573	2,611	2,883	2,801	2,661	2,247	1,686	1,055

Destination	Origin	Product Group	1995	2000	2003	2004	2005	2010	2015	2020	2030	2040	2050
Savannah	Eastern Europe	All Commodities	431,784	360,401	249,838	269,329	297,586	479,272	754,779	1,145,930	2,385,923	4,270,839	6,504,645
Savannah	Eastern Europe	Agriculture	743	4,476	15,877	15,932	16,047	15,828	14,928	12,568	9,990	7,171	4,653
Savannah	Eastern Europe	Extractive	4,691	201,255	265	285	290	266	210	153	78	39	19
Savannah	Eastern Europe	Food	1,753	1,522	1,022	1,006	1,047	1,197	1,248	1,296	1,371	1,409	1,399
Savannah	Eastern Europe	Materials	11,240	10,525	9,007	8,381	8,272	10,250	11,283	11,923	13,064	14,127	15,086
Savannah	Eastern Europe	Consumer Goods	698	1,301	1,049	1,105	1,164	1,299	1,309	1,315	1,303	1,262	1,189
Savannah	Eastern Europe	Chemicals	305,237	91,153	193,563	212,014	237,952	402,132	663,723	1,044,022	2,257,841	4,114,662	6,317,498
Savannah	Eastern Europe	High Technology	135	736	267	295	330	506	677	873	1,395	2,134	3,142
Savannah	Eastern Europe	Intermed. Manufact.	100,140	42,863	19,862	21,013	22,822	33,821	42,942	49,855	63,544	75,933	86,452
Savannah	Eastern Europe	Capital Equipment	6,203	5,080	1,734	1,974	2,167	2,951	3,563	4,261	6,036	8,372	11,360
Savannah	Eastern Europe	Motor Vehicles	945	1,489	7,191	7,323	7,494	11,023	14,897	19,664	31,301	45,729	63,848
Savannah	India	All Commodities	38,573	140,771	153,994	163,743	174,548	230,900	274,203	315,670	417,559	543,630	674,498
Savannah	India	Agriculture	2,973	4,525	2,149	2,199	2,214	2,225	2,250	1,300	1,328	1,361	1,332
Savannah	India	Extractive	3,245	2,808	1,300	1,414	1,507	2,249	2,982	3,752	5,667	7,873	9,913
Savannah	India	Food	462	3,034	1,682	1,714	1,731	2,029	2,202	2,370	2,716	3,037	3,280
Savannah	India	Materials	9,236	53,767	56,314	57,843	61,702	78,261	88,212	98,058	120,862	146,413	160,433
Savannah	India	Consumer Goods	1,558	26,444	21,848	23,007	23,830	30,925	37,177	42,090	51,487	60,914	70,063
Savannah	India	Chemicals	2,207	8,995	7,999	8,724	9,181	10,980	12,286	13,230	15,138	17,085	19,080
Savannah	India	High Technology	241	502	690	778	890	1,456	1,863	2,346	3,630	5,480	8,081
Savannah	India	Intermed. Manufact.	17,503	35,252	54,304	60,197	65,883	93,232	116,226	140,101	200,999	281,999	378,923
Savannah	India	Capital Equipment	426	5,061	7,243	7,440	7,193	9,057	10,477	11,874	15,135	18,819	22,690
Savannah	India	Motor Vehicles	722	383	466	428	416	486	528	549	599	649	703
Savannah	Middle East	All Commodities	9,601	25,607	31,473	34,529	36,807	48,255	57,835	70,297	103,936	152,293	217,628
Savannah	Middle East	Agriculture	613	528	142	152	152	142	139	121	105	93	86
Savannah	Middle East	Extractive	0	0	0	0	0	0	0	0	0	0	0
Savannah	Middle East	Food	52	105	137	147	159	202	228	261	335	418	506
Savannah	Middle East	Materials	1,023	9,809	8,677	9,371	9,209	9,246	8,522	8,150	7,673	7,452	7,405
Savannah	Middle East	Consumer Goods	2,990	4,583	4,195	4,544	4,844	6,370	6,753	7,382	8,508	9,409	9,921
Savannah	Middle East	Chemicals	1,404	1,650	7,626	8,620	9,605	15,338	22,838	32,696	60,282	100,912	156,463
Savannah	Middle East	High Technology	128	268	257	286	319	486	591	704	973	1,319	1,753
Savannah	Middle East	Intermed. Manufact.	2,881	7,538	7,943	8,658	9,438	11,779	13,069	14,220	16,559	19,220	22,406
Savannah	Middle East	Capital Equipment	366	1,099	564	613	686	1,107	1,541	2,065	3,608	6,085	9,842
Savannah	Middle East	Motor Vehicles	142	26	1,930	2,138	2,395	3,585	4,153	4,698	5,893	7,385	9,247
Savannah	Mediterranean	All Commodities	234,311	382,364	392,276	410,045	450,682	532,561	572,071	619,018	744,713	917,857	1,148,693
Savannah	Mediterranean	Agriculture	148	2,369	514	522	556	678	749	731	812	866	887
Savannah	Mediterranean	Extractive	92,384	194,905	135,367	123,912	135,395	123,330	100,775	86,900	68,325	58,603	55,818
Savannah	Mediterranean	Food	7,220	15,742	13,593	14,084	14,754	18,686	21,014	23,200	27,874	33,141	39,220
Savannah	Mediterranean	Materials	6,498	18,566	31,179	31,540	33,284	35,804	36,725	38,342	43,218	49,567	56,731
Savannah	Mediterranean	Consumer Goods	1,003	3,547	6,802	7,545	8,377	9,155	10,894	12,629	17,010	22,783	30,380
Savannah	Mediterranean	Chemicals	24,111	65,763	75,215	84,746	89,859	110,219	129,635	148,031	192,553	252,876	338,394
Savannah	Mediterranean	High Technology	149	437	541	614	697	1,127	1,420	1,733	2,504	3,517	4,823
Savannah	Mediterranean	Intermed. Manufact.	100,861	73,085	116,391	133,534	153,248	215,233	249,458	283,152	362,335	461,097	582,498
Savannah	Mediterranean	Capital Equipment	1,117	3,606	9,016	9,343	9,679	12,106	13,163	13,911	14,481	13,454	10,805
Savannah	Mediterranean	Motor Vehicles	821	4,344	3,659	4,205	4,833	6,223	8,237	10,389	15,601	21,953	29,137

Destination	Origin	Product Group	1995	2000	2003	2004	2005	2010	2015	2020	2030	2040	2050
Savannah	North America	All Commodities	771,668	712,083	745,632	770,536	760,732	730,113	691,503	659,821	649,153	712,774	863,130
Savannah	North America	Agriculture	19,166	0	33,529	39,612	45,434	58,375	63,625	64,539	62,792	58,080	52,012
Savannah	North America	Extractive	596,677	695,631	606,117	610,895	588,348	514,048	432,466	356,863	241,922	162,120	107,225
Savannah	North America	Food	0	0	2	2	3	3	2	2	2	2	1
Savannah	North America	Materials	2,665	0	2	3	3	3	4	4	4	4	4
Savannah	North America	Consumer Goods	0	1	11	12	11	15	18	20	26	32	39
Savannah	North America	Chemicals	153,148	16,212	105,922	119,956	126,871	157,565	195,239	238,194	344,068	491,995	703,020
Savannah	North America	High Technology	9	80	40	46	50	87	124	170	299	492	769
Savannah	North America	Intermed. Manufact.	1	0	0	0	0	0	0	0	0	0	0
Savannah	North America	Capital Equipment	1	19	8	10	11	17	23	29	39	50	59
Savannah	North America	Motor Vehicles	0	141	1	1	1	1	1	1	1	1	1
Savannah	NE Asia	All Commodities	999,213	1,858,395	2,747,031	2,925,210	3,202,187	4,584,018	5,632,347	6,745,261	9,569,560	13,169,934	17,160,532
Savannah	NE Asia	Agriculture	1,969	1,515	6,326	6,180	6,462	7,252	7,815	5,788	6,383	6,732	6,532
Savannah	NE Asia	Extractive	970	3,641	6,728	7,064	7,622	10,498	13,778	17,588	26,399	34,426	38,462
Savannah	NE Asia	Food	26,876	17,596	30,510	29,194	30,239	33,249	34,464	35,801	37,792	37,407	32,306
Savannah	NE Asia	Materials	35,810	71,205	177,481	182,224	193,442	245,065	274,394	294,258	336,663	361,149	332,159
Savannah	NE Asia	Consumer Goods	117,492	310,169	692,261	710,545	779,104	1,133,911	1,306,963	1,507,775	1,994,757	2,509,070	2,824,751
Savannah	NE Asia	Chemicals	128,004	247,898	264,868	278,248	292,991	351,867	391,679	419,402	466,268	467,404	391,210
Savannah	NE Asia	High Technology	109,740	197,588	220,430	234,659	260,736	433,280	596,263	773,512	1,216,007	1,789,040	2,492,189
Savannah	NE Asia	Intermed. Manufact.	371,346	581,540	729,468	775,916	840,952	1,101,183	1,332,623	1,555,393	2,073,651	2,679,271	3,318,488
Savannah	NE Asia	Capital Equipment	139,501	284,497	442,369	498,358	558,316	865,192	1,133,747	1,444,122	2,327,358	3,669,653	5,445,573
Savannah	NE Asia	Motor Vehicles	67,506	142,746	176,592	202,821	232,324	402,521	540,620	691,622	1,084,284	1,615,781	2,278,861
Savannah	North Europe	All Commodities	496,009	1,083,685	1,109,766	1,199,026	1,287,276	1,664,448	1,914,898	2,139,107	2,737,493	3,574,644	4,658,374
Savannah	North Europe	Agriculture	39,423	75,735	45,252	45,872	45,131	43,686	36,803	27,649	14,244	6,509	2,736
Savannah	North Europe	Extractive	1,633	1,822	178	175	170	169	135	106	71	51	38
Savannah	North Europe	Food	53,913	86,740	57,662	61,202	66,952	66,244	63,555	61,985	59,525	56,636	52,839
Savannah	North Europe	Materials	28,570	39,798	33,906	33,836	34,640	34,250	31,663	28,192	20,018	11,890	6,031
Savannah	North Europe	Consumer Goods	15,900	16,389	16,899	17,992	19,154	22,209	24,938	26,904	31,814	38,933	48,082
Savannah	North Europe	Chemicals	118,846	298,379	547,962	590,130	616,233	726,884	795,503	841,478	963,775	1,129,524	1,323,800
Savannah	North Europe	High Technology	6,227	5,425	7,534	7,863	8,719	13,389	16,827	20,548	29,896	42,441	58,980
Savannah	North Europe	Intermed. Manufact.	161,813	343,673	174,471	194,916	220,651	324,607	400,475	466,136	651,953	935,373	1,346,276
Savannah	North Europe	Capital Equipment	42,594	90,338	72,155	80,194	91,093	124,949	149,387	176,262	239,932	318,478	410,984
Savannah	North Europe	Motor Vehicles	27,091	125,388	153,748	166,846	184,530	308,063	395,612	489,848	726,264	1,034,808	1,408,608
Savannah	Oceania	All Commodities	85,347	64,271	178,980	176,305	188,878	246,126	280,178	309,775	385,286	501,259	680,403
Savannah	Oceania	Agriculture	74	5,539	17,319	16,591	17,108	16,953	16,991	16,162	16,694	16,728	15,686
Savannah	Oceania	Extractive	22,047	8,851	39,006	42,656	47,063	55,901	51,650	45,214	33,418	23,044	15,006
Savannah	Oceania	Food	62,207	33,726	64,737	60,070	65,406	100,994	131,849	164,040	242,589	361,046	541,173
Savannah	Oceania	Materials	12	3,597	17,901	16,838	16,410	17,538	18,357	19,339	20,694	21,439	21,920
Savannah	Oceania	Consumer Goods	40	177	457	501	544	794	983	1,179	1,659	2,278	3,039
Savannah	Oceania	Chemicals	48	7,521	20,936	20,325	21,063	26,487	30,274	32,833	38,263	44,522	51,993
Savannah	Oceania	High Technology	117	213	377	392	445	724	904	1,094	1,572	2,213	3,054
Savannah	Oceania	Intermed. Manufact.	398	2,510	7,487	8,022	8,994	10,179	10,299	9,102	6,485	4,742	3,913
Savannah	Oceania	Capital Equipment	49	2,099	8,024	8,258	9,291	12,303	13,789	15,033	16,942	17,497	16,342
Savannah	Oceania	Motor Vehicles	355	38	2,736	2,651	2,552	4,252	5,082	5,780	6,970	7,749	8,277

Destination	Origin	Product Group	1995	2000	2003	2004	2005	2010	2015	2020	2030	2040	2050
Savannah	Europe, Other	All Commodities	9,711	57,208	40,318	38,956	39,496	42,372	43,784	44,570	44,660	42,385	40,191
Savannah	Europe, Other	Agriculture	0	42,991	24,206	23,161	23,840	24,986	25,650	25,487	22,223	15,474	8,676
Savannah	Europe, Other	Extractive	1,042	1,636	1,341	1,501	1,589	1,722	1,614	1,478	1,253	1,064	907
Savannah	Europe, Other	Food	78	250	152	172	193	166	155	148	133	116	98
Savannah	Europe, Other	Materials	4,130	5,677	8,773	7,907	7,138	6,808	5,971	5,636	6,157	7,412	8,798
Savannah	Europe, Other	Consumer Goods	601	668	239	239	265	295	348	339	307	327	399
Savannah	Europe, Other	Chemicals	633	335	318	329	344	460	544	623	818	1,106	1,484
Savannah	Europe, Other	High Technology	30	209	61	62	70	105	132	160	225	305	399
Savannah	Europe, Other	Intermed. Manufact.	2,596	3,884	3,111	3,321	3,584	4,379	5,163	5,802	7,207	8,716	9,983
Savannah	Europe, Other	Capital Equipment	559	1,456	1,636	1,712	1,844	2,469	2,945	3,393	4,423	5,672	7,163
Savannah	Europe, Other	Motor Vehicles	42	102	481	553	628	982	1,264	1,505	1,914	2,195	2,285
Savannah	SE Asia	All Commodities	248,912	722,583	639,328	666,594	698,683	823,911	875,821	925,296	1,012,402	1,071,159	1,129,297
Savannah	SE Asia	Agriculture	9,141	21,012	43,922	46,089	48,109	46,029	44,278	40,883	38,057	33,157	26,371
Savannah	SE Asia	Extractive	170	442	374	389	378	371	320	258	162	99	60
Savannah	SE Asia	Food	51,812	142,481	185,726	190,354	192,718	191,741	189,280	189,769	190,362	189,078	184,340
Savannah	SE Asia	Materials	75,942	129,521	93,067	96,852	100,834	110,677	116,094	120,003	125,052	126,866	123,040
Savannah	SE Asia	Consumer Goods	14,826	63,866	110,844	114,692	121,899	160,434	176,146	196,281	234,721	261,342	281,787
Savannah	SE Asia	Chemicals	37,875	16,637	37,029	39,700	41,842	49,760	58,458	66,991	87,316	114,573	152,586
Savannah	SE Asia	High Technology	42,470	64,635	60,169	61,527	62,955	79,532	89,821	102,184	131,701	167,107	207,145
Savannah	SE Asia	Intermed. Manufact.	14,870	272,265	94,790	102,719	114,694	165,685	177,278	180,070	164,156	121,652	74,449
Savannah	SE Asia	Capital Equipment	1,669	11,461	12,482	13,320	14,195	18,264	22,487	27,020	38,779	55,139	77,488
Savannah	SE Asia	Motor Vehicles	137	262	925	953	1,059	1,416	1,660	1,838	2,094	2,145	2,030
Savannah	West Coast S America	All Commodities	41,642	101,347	158,081	162,047	167,315	198,991	225,820	253,658	313,431	376,803	445,248
Savannah	West Coast S America	Agriculture	12,884	637	5,039	5,141	5,378	6,193	6,390	6,495	6,764	6,997	7,117
Savannah	West Coast S America	Extractive	2,241	28,418	40,914	41,242	42,277	41,261	40,835	40,305	38,888	36,954	34,268
Savannah	West Coast S America	Food	21,739	1,544	98,112	101,175	104,342	132,517	157,842	184,912	244,271	309,305	381,813
Savannah	West Coast S America	Materials	828	5,863	4,910	4,480	4,341	5,243	5,781	6,122	6,684	7,159	7,573
Savannah	West Coast S America	Consumer Goods	598	1,585	1,287	1,332	1,382	1,527	1,583	1,618	1,697	1,778	1,855
Savannah	West Coast S America	Chemicals	3,035	34,482	1,830	2,020	2,144	2,594	2,941	3,181	3,395	3,000	2,084
Savannah	West Coast S America	High Technology	7	26	49	56	64	102	129	160	239	347	490
Savannah	West Coast S America	Intermed. Manufact.	284	28,652	5,603	6,234	6,995	9,043	9,731	10,208	10,689	10,296	8,909
Savannah	West Coast S America	Capital Equipment	26	122	331	362	388	504	583	651	800	964	1,136
Savannah	West Coast S America	Motor Vehicles	0	18	5	6	6	7	6	5	4	4	3

Table 20. Metric Tonnes of Exports from Savannah Harbor by World Trade Route and Commodity Groups: 1995 - 2050 (selected years)

Origin	Destination	Product Group	1995	2000	2003	2004	2005	2010	2015	2020	2030	2040	2050
USA	World	All Commodities	251,370,211	212,856,887	206,987,701	214,095,492	217,671,381	232,098,313	243,272,392	258,521,722	303,739,049	379,462,039	531,306,089
USA	Percent Change	All Commodities	NA	-3.27%	-0.93%	3.43%	1.67%	1.29%	0.94%	1.22%	1.62%	2.25%	3.42%
Savannah	World	All Commodities	5,838,559	5,527,534	7,244,210	7,576,866	7,633,734	7,670,422	7,817,503	8,344,201	10,062,735	13,254,459	19,254,265
Savannah	Percent Change	All Commodities	NA	-1.09%	9.43%	4.59%	0.75%	0.10%	0.38%	1.31%	1.89%	2.79%	3.80%
Savannah	Africa	All Commodities	55,844	37,964	32,476	32,679	32,555	35,260	38,759	45,843	92,027	255,753	660,035
Savannah	Africa	Agriculture	13,129	4,707	256	252	247	245	242	240	236	231	228
Savannah	Africa	Extractive	5,790	2,136	130	132	129	122	113	106	95	86	78
Savannah	Africa	Food	360	3,602	1,855	1,809	1,772	1,621	1,372	1,186	921	739	605
Savannah	Africa	Materials	23,050	9,132	15,321	15,260	14,708	15,325	17,305	22,095	55,805	183,367	515,774
Savannah	Africa	Consumer Goods	490	605	880	853	875	960	1,028	1,103	1,354	1,782	2,328
Savannah	Africa	Chemicals	5,996	10,968	6,972	7,006	7,088	7,812	8,685	10,092	19,594	49,444	108,302
Savannah	Africa	High Technology	262	273	252	260	267	343	438	592	1,575	5,338	15,509
Savannah	Africa	Intermed. Manufact.	1,445	560	1,772	1,714	1,661	1,860	2,022	2,151	2,411	2,671	2,937
Savannah	Africa	Capital Equipment	2,722	2,318	1,787	1,768	1,831	2,180	2,521	2,896	4,107	5,936	8,152
Savannah	Africa	Motor Vehicles	2,600	3,663	3,251	3,624	3,977	4,792	5,033	5,381	5,928	6,160	6,121
Savannah	Central America	All Commodities	116,887	127,332	282,906	299,062	306,626	338,453	362,220	387,594	465,031	632,906	976,824
Savannah	Central America	Agriculture	4,925	16,152	11,795	12,204	12,682	14,479	15,532	16,170	16,973	17,399	17,555
Savannah	Central America	Extractive	769	2,751	3,369	3,467	3,596	4,099	4,312	4,572	5,266	6,019	6,806
Savannah	Central America	Food	43,239	39,998	68,131	70,881	73,235	81,522	80,876	79,170	75,657	71,895	67,571
Savannah	Central America	Materials	51,045	32,031	140,178	151,977	156,078	173,846	192,709	213,621	257,342	305,066	357,238
Savannah	Central America	Consumer Goods	3,810	814	3,211	3,279	3,334	3,518	3,680	3,822	4,164	4,606	5,093
Savannah	Central America	Chemicals	7,443	26,954	49,478	50,260	50,452	52,105	53,630	53,577	53,772	53,438	52,039
Savannah	Central America	High Technology	1,745	2,030	2,308	2,497	2,705	4,202	6,787	11,975	46,703	168,415	463,784
Savannah	Central America	Intermed. Manufact.	2,356	5,119	3,063	3,077	3,077	3,015	2,946	2,881	3,201	3,941	4,416
Savannah	Central America	Capital Equipment	966	1,120	962	984	1,004	1,092	1,136	1,160	1,227	1,316	1,420
Savannah	Central America	Motor Vehicles	588	363	410	437	463	575	612	645	725	812	901
Savannah	East Coast S America	All Commodities	427,259	397,006	247,045	254,718	255,543	269,526	279,370	300,348	351,901	415,213	493,628
Savannah	East Coast S America	Agriculture	3,855	4,530	23,895	24,465	24,767	26,088	27,213	27,193	26,630	25,587	24,224
Savannah	East Coast S America	Extractive	80,523	41,560	43,555	44,317	46,048	52,467	57,963	64,583	80,657	101,092	126,830
Savannah	East Coast S America	Food	42,794	16,510	10,356	10,338	10,169	10,663	8,698	7,168	4,904	3,327	2,231
Savannah	East Coast S America	Materials	186,208	186,124	118,239	120,871	119,263	119,320	119,921	132,034	161,655	196,550	237,177
Savannah	East Coast S America	Consumer Goods	6,833	3,605	1,570	1,673	1,737	2,066	2,289	2,450	2,785	3,151	3,560
Savannah	East Coast S America	Chemicals	72,272	102,152	38,669	41,447	41,620	44,586	46,905	48,992	53,744	58,692	63,842
Savannah	East Coast S America	High Technology	5,676	7,690	3,785	4,145	4,349	5,690	6,990	8,071	10,833	15,397	23,633
Savannah	East Coast S America	Intermed. Manufact.	12,790	16,147	2,847	3,035	3,081	3,428	3,732	3,969	4,462	4,992	5,590
Savannah	East Coast S America	Capital Equipment	14,874	16,822	3,065	3,281	3,365	3,917	4,258	4,424	4,687	4,876	5,038
Savannah	East Coast S America	Motor Vehicles	1,435	1,867	1,062	1,144	1,143	1,300	1,402	1,463	1,543	1,549	1,504

Origin	Destination	Product Group	1995	2000	2003	2004	2005	2010	2015	2020	2030	2040	2050
Savannah	Eastern Europe	All Commodities	30,357	41,744	109,859	115,682	122,770	151,058	169,607	197,840	311,334	575,502	1,095,196
Savannah	Eastern Europe	Agriculture	422	1,276	1,172	1,227	1,273	1,517	1,667	1,763	1,906	2,036	2,170
Savannah	Eastern Europe	Extractive	160	195	3,525	3,777	4,055	5,141	5,770	6,101	6,774	7,480	7,959
Savannah	Eastern Europe	Food	14,672	22,013	55,557	60,295	66,456	87,268	99,042	114,966	160,260	217,416	282,690
Savannah	Eastern Europe	Materials	7,803	12,435	38,577	38,683	38,840	40,862	42,095	45,895	65,818	108,932	161,889
Savannah	Eastern Europe	Consumer Goods	258	113	157	165	179	243	329	464	1,069	2,423	4,683
Savannah	Eastern Europe	Chemicals	1,740	1,980	5,074	5,421	5,499	7,411	10,183	15,630	51,650	184,010	517,365
Savannah	Eastern Europe	High Technology	364	509	810	861	929	1,373	1,973	2,974	8,902	29,783	83,527
Savannah	Eastern Europe	Intermed. Manufact.	2,591	1,141	1,722	1,801	1,799	2,000	2,104	2,243	3,030	4,835	7,149
Savannah	Eastern Europe	Capital Equipment	1,766	1,011	2,063	2,162	2,322	3,141	3,779	4,457	6,945	11,609	18,377
Savannah	Eastern Europe	Motor Vehicles	581	1,071	1,202	1,289	1,418	2,102	2,665	3,347	4,982	6,977	9,388
Savannah	India	All Commodities	68,195	70,117	120,498	121,195	121,781	131,057	143,567	162,280	234,738	424,086	847,328
Savannah	India	Agriculture	9,810	3,108	34,689	35,903	36,594	44,217	50,454	55,938	67,559	81,089	97,485
Savannah	India	Extractive	5,572	8,379	7,205	7,901	8,608	13,162	18,577	24,834	39,534	56,314	75,496
Savannah	India	Food	4,007	841	949	1,045	1,090	1,383	1,573	1,842	2,439	3,049	3,624
Savannah	India	Materials	33,056	43,181	62,625	61,059	59,691	53,700	49,673	48,147	46,040	44,570	41,574
Savannah	India	Consumer Goods	92	696	549	542	552	680	839	1,057	1,751	2,931	4,585
Savannah	India	Chemicals	9,662	5,610	8,529	8,525	8,645	9,063	9,840	11,287	18,354	33,883	54,356
Savannah	India	High Technology	322	399	777	854	962	1,880	3,818	8,212	41,434	171,717	514,938
Savannah	India	Intermed. Manufact.	953	3,068	2,093	2,221	2,340	3,079	4,092	5,242	8,730	15,704	29,594
Savannah	India	Capital Equipment	4,710	4,786	2,340	2,385	2,530	3,033	3,636	4,360	6,738	11,659	21,143
Savannah	India	Motor Vehicles	11	48	744	759	770	861	1,063	1,362	2,160	3,170	4,532
Savannah	Middle East	All Commodities	160,731	115,066	100,381	101,015	100,773	104,852	109,153	118,297	142,851	176,318	219,763
Savannah	Middle East	Agriculture	1,179	3,382	674	736	784	1,017	1,131	1,225	1,408	1,588	1,772
Savannah	Middle East	Extractive	9,504	3,548	1,193	1,193	1,202	1,405	1,532	1,687	2,050	2,507	3,044
Savannah	Middle East	Food	8,428	11,483	13,791	14,682	15,737	22,039	28,930	36,838	57,197	84,842	120,545
Savannah	Middle East	Materials	116,425	68,403	66,978	66,960	65,439	62,542	59,448	60,051	62,514	66,167	71,175
Savannah	Middle East	Consumer Goods	1,755	1,688	1,221	1,244	1,299	1,585	1,869	2,144	2,824	3,754	4,985
Savannah	Middle East	Chemicals	12,673	15,981	10,769	10,317	10,256	9,116	8,158	7,532	6,596	5,753	4,998
Savannah	Middle East	High Technology	239	475	460	470	492	641	773	907	1,211	1,573	2,000
Savannah	Middle East	Intermed. Manufact.	5,734	4,800	2,820	2,890	2,941	3,301	3,692	4,007	4,638	5,284	5,957
Savannah	Middle East	Capital Equipment	4,016	4,794	2,233	2,272	2,361	2,930	3,362	3,660	4,193	4,657	5,124
Savannah	Middle East	Motor Vehicles	778	513	242	250	263	275	256	244	220	192	165
Savannah	Mediterranean	All Commodities	259,127	223,764	254,933	267,683	276,478	263,279	271,566	300,196	379,743	496,049	657,091
Savannah	Mediterranean	Agriculture	2,762	11,605	20,853	21,950	22,038	25,020	27,026	29,138	34,000	39,687	45,801
Savannah	Mediterranean	Extractive	12,924	18,347	37,106	37,469	38,486	34,578	32,476	31,458	30,404	30,246	31,200
Savannah	Mediterranean	Food	36,793	18,353	35,992	40,435	42,969	48,799	55,657	66,748	94,970	133,853	184,869
Savannah	Mediterranean	Materials	191,958	154,717	134,936	140,811	145,014	118,276	110,580	116,469	135,631	165,002	205,528
Savannah	Mediterranean	Consumer Goods	905	1,956	1,877	1,987	2,092	2,665	3,221	3,857	5,501	7,809	10,657
Savannah	Mediterranean	Chemicals	6,075	9,778	11,300	11,665	11,986	15,872	20,698	26,870	44,788	73,826	119,370
Savannah	Mediterranean	High Technology	475	602	603	613	633	801	939	1,095	1,488	2,000	2,647
Savannah	Mediterranean	Intermed. Manufact.	2,302	2,743	3,973	4,191	4,457	5,976	7,481	8,635	10,802	13,035	15,535
Savannah	Mediterranean	Capital Equipment	4,611	3,573	5,315	5,506	5,689	6,557	7,245	7,875	9,271	10,893	12,809
Savannah	Mediterranean	Motor Vehicles	321	2,090	2,976	3,056	3,114	4,736	6,242	8,051	12,888	19,701	28,675

Origin	Destination	Product Group	1995	2000	2003	2004	2005	2010	2015	2020	2030	2040	2050
Savannah	North America	All Commodities	54,596	83,963	26,842	26,270	27,024	29,983	32,280	34,365	39,352	45,419	51,748
Savannah	North America	Agriculture	0	5	0	0	0	0	0	0	0	0	0
Savannah	North America	Extractive	54,554	81,452	26,636	26,064	26,825	29,681	31,831	33,719	38,110	43,228	48,144
Savannah	North America	Food	0	0	0	0	0	0	0	0	0	0	1
Savannah	North America	Materials	0	0	18	18	17	12	10	9	9	8	8
Savannah	North America	Consumer Goods	0	0	0	0	0	0	0	0	0	0	0
Savannah	North America	Chemicals	0	2,480	168	168	161	261	403	593	1,154	2,055	3,416
Savannah	North America	High Technology	41	24	15	15	15	21	23	27	34	43	54
Savannah	North America	Intermed. Manufact.	0	2	5	5	5	9	13	18	45	84	124
Savannah	North America	Capital Equipment	0	0	0	0	0	0	0	0	0	0	0
Savannah	North America	Motor Vehicles	0	0	0	0	0	0	0	0	0	0	0
Savannah	NE Asia	All Commodities	2,222,822	2,340,863	3,532,113	3,734,699	3,758,319	3,843,614	3,874,712	4,090,831	4,768,222	5,876,663	7,818,874
Savannah	NE Asia	Agriculture	123,402	75,458	293,294	311,854	315,807	332,577	339,315	336,346	335,552	341,316	355,038
Savannah	NE Asia	Extractive	1,097,062	1,250,116	1,666,032	1,807,105	1,835,906	1,944,823	1,978,294	2,083,978	2,373,117	2,726,128	3,213,308
Savannah	NE Asia	Food	70,271	158,456	267,138	269,796	269,929	280,773	253,230	236,958	209,447	184,256	125,653
Savannah	NE Asia	Materials	654,542	596,262	784,865	801,411	773,251	642,652	561,742	564,115	594,471	656,349	735,055
Savannah	NE Asia	Consumer Goods	6,384	4,333	14,759	15,983	17,009	20,921	26,124	33,604	57,749	103,681	192,034
Savannah	NE Asia	Chemicals	200,302	182,277	390,215	406,179	416,832	463,258	522,834	604,720	854,575	1,326,357	2,302,626
Savannah	NE Asia	High Technology	11,089	9,780	10,683	11,640	12,544	17,256	22,702	30,266	56,216	109,264	217,138
Savannah	NE Asia	Intermed. Manufact.	22,809	29,955	53,168	55,353	57,468	68,817	82,564	95,000	132,488	199,820	324,202
Savannah	NE Asia	Capital Equipment	30,920	19,480	25,792	27,441	29,393	38,339	49,313	62,398	99,805	161,897	272,412
Savannah	NE Asia	Motor Vehicles	6,041	14,748	26,166	27,938	30,179	34,199	38,594	43,445	54,801	67,596	81,408
Savannah	North Europe	All Commodities	1,866,619	1,433,913	1,668,097	1,708,483	1,707,908	1,470,661	1,378,859	1,374,088	1,395,627	1,477,292	1,619,477
Savannah	North Europe	Agriculture	20,276	51,955	19,045	20,543	21,494	22,167	22,975	23,387	23,945	24,496	25,401
Savannah	North Europe	Extractive	1,004,341	738,226	810,951	816,020	813,432	703,059	640,744	603,397	535,933	487,367	453,682
Savannah	North Europe	Food	23,656	23,021	28,587	30,078	30,164	29,563	30,771	32,429	35,472	39,352	44,405
Savannah	North Europe	Materials	702,378	488,222	605,724	639,640	641,116	477,197	412,916	414,309	436,950	492,789	585,497
Savannah	North Europe	Consumer Goods	2,842	4,518	4,323	4,401	4,469	4,785	4,998	5,256	5,839	6,485	7,173
Savannah	North Europe	Chemicals	76,776	65,537	143,137	140,016	137,348	160,046	181,001	199,491	240,103	286,125	337,954
Savannah	North Europe	High Technology	5,587	7,153	7,281	7,259	7,400	8,481	9,148	9,999	12,211	15,262	19,714
Savannah	North Europe	Intermed. Manufact.	10,646	15,368	9,939	10,178	10,866	13,387	15,995	18,138	22,199	26,228	30,233
Savannah	North Europe	Capital Equipment	15,598	18,710	20,182	21,088	21,971	24,839	26,725	28,281	31,787	35,859	40,324
Savannah	North Europe	Motor Vehicles	4,520	21,202	18,928	19,259	19,649	27,137	33,585	39,403	51,189	63,329	75,094
Savannah	Oceania	All Commodities	236,223	267,747	312,376	334,429	325,710	353,463	398,666	452,837	587,149	765,115	991,050
Savannah	Oceania	Agriculture	5,098	1,069	1,226	1,292	1,112	699	525	416	267	198	169
Savannah	Oceania	Extractive	36,231	27,156	56,140	54,524	54,022	54,247	53,676	53,137	53,453	55,353	57,733
Savannah	Oceania	Food	10,012	15,561	21,422	22,612	21,148	19,845	20,248	20,805	21,562	22,153	22,364
Savannah	Oceania	Materials	46,185	80,209	66,800	73,309	70,021	66,853	71,366	81,989	105,635	131,418	154,976
Savannah	Oceania	Consumer Goods	2,247	3,241	13,094	13,469	14,208	18,384	21,747	25,422	34,324	45,353	58,019
Savannah	Oceania	Chemicals	48,759	47,452	47,901	51,254	47,965	43,198	42,810	42,918	44,922	48,690	54,482
Savannah	Oceania	High Technology	1,151	1,841	1,660	1,713	1,796	2,231	2,596	3,000	3,975	5,207	6,755
Savannah	Oceania	Intermed. Manufact.	15,245	15,490	20,589	22,677	22,238	24,914	29,413	34,193	46,182	61,659	81,426
Savannah	Oceania	Capital Equipment	48,860	52,588	49,990	56,397	53,828	63,089	74,343	84,861	109,765	141,186	180,476
Savannah	Oceania	Motor Vehicles	22,435	23,139	33,555	37,182	39,373	60,003	81,941	106,096	167,065	253,898	374,649

Origin	Destination	Product Group	1995	2000	2003	2004	2005	2010	2015	2020	2030	2040	2050
Savannah	Europe, Other	All Commodities	5,255	12,831	8,962	9,507	9,365	6,823	5,715	5,595	5,333	5,153	5,160
Savannah	Europe, Other	Agriculture	7	59	197	201	200	211	213	214	212	207	199
Savannah	Europe, Other	Extractive	723	2,905	394	417	423	392	380	376	374	372	360
Savannah	Europe, Other	Food	221	179	44	39	35	18	10	5	2	1	0
Savannah	Europe, Other	Materials	3,789	5,129	6,788	7,262	7,069	3,998	2,604	2,207	1,446	824	422
Savannah	Europe, Other	Consumer Goods	11	286	139	141	143	147	151	156	169	181	192
Savannah	Europe, Other	Chemicals	42	13	362	372	379	465	564	677	933	1,261	1,667
Savannah	Europe, Other	High Technology	135	131	195	189	188	214	229	249	292	340	390
Savannah	Europe, Other	Intermed. Manufact.	84	98	90	89	88	87	88	90	95	99	101
Savannah	Europe, Other	Capital Equipment	120	186	249	249	256	265	275	288	316	347	380
Savannah	Europe, Other	Motor Vehicles	124	3,844	504	549	584	1,026	1,202	1,333	1,494	1,522	1,448
Savannah	SE Asia	All Commodities	206,246	265,435	418,187	440,731	457,649	533,981	602,982	704,536	1,044,476	1,671,480	2,957,945
Savannah	SE Asia	Agriculture	7,984	6,438	78,911	85,368	90,376	114,099	123,923	133,486	156,481	123,683	162,710
Savannah	SE Asia	Extractive	69,564	102,243	116,132	126,292	133,235	154,736	165,073	181,030	210,706	234,347	252,710
Savannah	SE Asia	Food	4,393	26,418	30,458	34,621	38,895	66,775	101,886	149,390	301,064	560,811	965,038
Savannah	SE Asia	Materials	102,228	75,501	95,706	94,592	93,121	85,990	82,141	82,453	84,163	87,294	91,283
Savannah	SE Asia	Consumer Goods	529	2,226	4,421	4,632	4,774	5,648	6,746	8,533	15,432	27,596	41,477
Savannah	SE Asia	Chemicals	4,435	30,045	61,554	62,025	62,188	61,947	64,241	70,111	101,551	189,035	365,706
Savannah	SE Asia	High Technology	3,560	3,139	3,664	3,997	4,343	6,492	10,027	16,533	54,302	180,364	490,938
Savannah	SE Asia	Intermed. Manufact.	2,434	11,437	13,739	14,520	15,122	19,011	24,509	31,029	55,152	112,782	239,869
Savannah	SE Asia	Capital Equipment	7,624	6,257	9,108	9,687	10,228	12,749	16,049	20,072	31,934	51,384	83,337
Savannah	SE Asia	Motor Vehicles	3,495	1,731	4,495	4,997	5,367	6,534	8,388	11,901	33,690	104,185	264,877
Savannah	West Coast S America	All Commodities	128,397	109,787	129,534	130,711	131,232	138,411	150,045	169,552	244,951	437,511	860,144
Savannah	West Coast S America	Agriculture	3,034	22,080	14,681	14,743	15,422	17,677	19,164	20,838	23,902	26,922	29,859
Savannah	West Coast S America	Extractive	21,685	31,100	33,533	34,329	34,738	37,012	39,968	44,214	53,267	63,618	74,416
Savannah	West Coast S America	Food	12,785	1,582	4,289	4,399	4,663	6,442	7,845	9,421	13,020	17,204	21,833
Savannah	West Coast S America	Materials	59,467	34,668	48,453	47,147	45,721	40,707	38,019	37,409	39,590	44,426	50,703
Savannah	West Coast S America	Consumer Goods	2,030	933	500	522	541	663	791	918	1,237	1,677	2,243
Savannah	West Coast S America	Chemicals	13,100	11,407	17,465	18,216	18,653	22,267	27,407	34,522	59,341	110,933	197,321
Savannah	West Coast S America	High Technology	1,738	1,755	2,019	2,190	2,331	3,506	5,557	9,690	39,002	153,399	460,113
Savannah	West Coast S America	Intermed. Manufact.	9,763	5,052	6,038	6,455	6,438	7,012	7,785	8,639	10,721	13,293	16,357
Savannah	West Coast S America	Capital Equipment	4,263	886	1,913	2,010	2,024	2,268	2,517	2,762	3,391	4,160	4,991
Savannah	West Coast S America	Motor Vehicles	532	325	644	701	702	859	993	1,139	1,480	1,879	2,309

The predominant trade regions for Savannah Harbor total export metric tonnes (Table 20) in 2003 (7.244 million tonnes) are North East Asia (3.532 million tonnes), North Europe (1.668 million tonnes), and South East Asia (0.418 million tonnes). The leading commodity groups for Savannah Harbor export metric tonnes in 2003 to North East Asia are Extractive (1.666 million tonnes) and Materials (0.784 million tonnes). The leading commodity groups for Savannah Harbor export metric tonnes in 2003 to North Europe are Extractive (0.810 million tonnes) and Materials (0.605 million tonnes). The leading commodity groups for Savannah Harbor export metric tonnes in 2003 to South East Asia are Extractive (0.116 million tonnes) and Materials (0.095 million tonnes).

Savannah Harbor export metric tonnes (all commodities) are expected to grow 4.59 percent between 2003 and 2004 and 0.75 percent between 2004 and 2005, grow at an average annual rate of 0.10 percent between 2005 and 2010 and 0.38 percent between 2010 and 2015, and grow thereafter at an average annual rate of less than 2 percent between 2015 and 2030 and increasing to 2.79 percent between 2030 and 2040 and 3.80 percent between 2040 and 2050. As a result of very slow export growth, the trade picture will be largely unchanged by 2010 and during ensuing periods. For example, by 2010 the largest trade will be North East Asia (3.843 million tonnes) followed by North Europe (1.470 million tonnes) and South East Asia (0.533 million tonnes). Between 2003 and 2010, total export metric tonnes to North East Asia will grow only 9 percent (3.843/3.532 = 1.09), while total export metric tonnes to North Europe will decline 12 percent (1.470/1.668 = 0.88) and total export metric tonnes to South East Asia will grow nearly 30 percent (0.533/0.418 = 1.28).

CONTAINERIZED TONNES

Tables 21 and 22 depict the major world trade areas for each of the 10 commodity groups for total containerized (metric) tonnes of Savannah Harbor imports and exports, respectively, and their historic growth from 1995 to 2003 and projected growth from 2003 to 2050. For example, the predominant trade regions for Savannah Harbor total import containerized tonnes (Table 21) in 2003 (3.154 million tonnes) are North East Asia (1.546 million tonnes), North Europe (0.367 million tonnes), and South East Asia (0.346 million tonnes). The leading commodity groups (metric tonnes) for North East Asia containerized imports in 2003 are Consumer Goods (0.471 million tonnes), Intermediate Manufacturing (0.394 million tonnes), and Capital Equipment (0.255 million tonnes). The leading commodity groups (metric tonnes) for North Europe containerized imports in 2003 are Chemicals (0.121 million tonnes), Intermediate Manufacturing (0.056 million tonnes), and Capital Equipment (0.053 million tonnes). The leading commodity groups for containerized imports from South East Asia are Food (0.097 million tonnes), Consumer Goods (0.084 million tonnes), and High Technology (0.048 million tonnes).

Savannah Harbor import containerized tonnes (all commodities) are expected to grow 4.21 percent between 2003 and 2004 and 8.13 percent between 2004 and 2005, then at an average annual rate of 5.98 percent between 2005 and 2010, slowing to an average annual rate of growth of 3.28 percent between 2010 and 2015, and growing thereafter at an average annual rate of between 2.71 percent and 3.13 percent between 2015 and 2050. By 2010, the largest trade will be North East Asia (2.556 million tonnes), followed by North Europe (0.573 million tonnes) and South East Asia (0.450 million tonnes). Between 2003 and 2010, total import containerized

Table 21. Containerized Tonnes of Imports to Savannah Harbor by World Trade Route and Commodity Groups: 1995 - 2050 (selected years)

Destination	Origin	Product Group	1995	2000	2003	2004	2005	2010	2015	2020	2030	2040	2050
USA	World	All Commodities	43,668,120	70,432,286	83,924,683	87,715,698	94,183,075	121,619,709	140,610,872	159,479,498	208,004,390	271,444,015	351,291,751
USA	Percent Change	All Commodities	NA	10.03%	6.02%	4.52%	7.37%	5.25%	2.94%	2.55%	2.69%	2.70%	2.61%
Savannah	World	All Commodities	1,307,526	2,106,325	3,154,499	3,287,391	3,554,627	4,753,187	5,586,015	6,473,756	8,808,387	11,895,628	15,548,339
Savannah	Percent Change	All Commodities	NA	10.01%	14.41%	4.21%	8.13%	5.98%	3.28%	2.99%	3.13%	3.05%	2.71%
Savannah	Africa	All Commodities	10,724	10,636	11,203	10,025	10,048	11,703	12,911	14,134	17,064	20,586	24,429
Savannah	Africa	Agriculture	370	3,920	3,268	2,151	1,936	2,077	2,127	2,138	2,309	2,546	2,875
Savannah	Africa	Extractive	115	208	91	122	137	163	159	148	132	121	113
Savannah	Africa	Food	2,897	749	277	337	442	572	632	690	811	940	1,081
Savannah	Africa	Materials	2,494	1,832	3,847	3,469	3,348	3,459	3,554	3,701	4,178	4,882	5,822
Savannah	Africa	Consumer Goods	196	205	1,394	1,399	1,450	1,714	1,887	2,043	2,383	2,756	3,138
Savannah	Africa	Chemicals	6	414	138	160	203	290	379	486	712	1,026	1,486
Savannah	Africa	High Technology	11	12	40	45	51	81	100	121	173	239	324
Savannah	Africa	Intermed. Manufact.	3,820	2,927	1,334	1,459	1,513	1,880	2,264	2,656	3,406	4,179	4,782
Savannah	Africa	Capital Equipment	243	346	146	162	181	263	320	379	532	737	1,008
Savannah	Africa	Motor Vehicles	571	23	668	723	789	1,204	1,490	1,772	2,429	3,160	3,800
Savannah	Central America	All Commodities	39,516	50,030	152,333	146,419	153,645	177,948	189,687	201,271	229,631	263,664	308,956
Savannah	Central America	Agriculture	12,113	75	194	196	198	182	181	169	149	129	111
Savannah	Central America	Extractive	4,347	4,119	12,569	13,238	13,699	15,544	16,548	17,374	19,375	21,798	24,417
Savannah	Central America	Food	5,233	35,876	81,634	76,830	77,297	90,409	97,727	107,260	130,487	157,350	191,670
Savannah	Central America	Materials	1,083	160	224	200	189	183	182	186	198	210	219
Savannah	Central America	Consumer Goods	2,848	675	2,740	2,729	2,842	3,337	3,733	4,147	5,125	6,153	7,170
Savannah	Central America	Chemicals	7,443	8,107	49,550	47,401	52,940	58,281	60,261	60,915	63,281	67,037	73,703
Savannah	Central America	High Technology	144	229	626	666	751	1,117	1,435	1,783	2,704	4,002	5,791
Savannah	Central America	Intermed. Manufact.	3,286	118	73	80	89	109	131	149	191	241	298
Savannah	Central America	Capital Equipment	29	54	28	31	34	43	49	54	66	80	96
Savannah	Central America	Motor Vehicles	2,990	615	4,696	5,049	5,606	8,744	9,441	9,234	8,056	6,663	5,481
Savannah	East Coast S America	All Commodities	228,841	234,303	309,058	325,509	343,740	401,423	438,834	474,941	558,515	654,438	762,215
Savannah	East Coast S America	Agriculture	34,375	57,261	38,305	36,583	36,953	37,334	37,301	36,515	35,787	33,516	29,010
Savannah	East Coast S America	Extractive	23,186	18,873	16,365	17,476	18,575	17,904	16,043	13,999	11,016	8,919	7,353
Savannah	East Coast S America	Food	27,401	22,376	54,752	57,209	61,163	81,017	96,121	112,867	151,330	194,576	242,855
Savannah	East Coast S America	Materials	92,111	31,225	57,999	61,495	65,524	73,838	72,566	70,655	66,474	60,505	52,114
Savannah	East Coast S America	Consumer Goods	5,930	5,433	4,328	4,352	4,381	4,824	4,817	4,814	4,754	4,587	4,404
Savannah	East Coast S America	Chemicals	21,347	50,615	105,116	114,854	120,970	142,387	161,316	179,813	220,536	269,588	327,605
Savannah	East Coast S America	High Technology	188	459	635	761	881	1,500	2,096	2,796	4,731	7,653	11,813
Savannah	East Coast S America	Intermed. Manufact.	20,418	38,409	26,285	27,436	29,812	36,234	41,843	46,550	56,412	66,923	77,970
Savannah	East Coast S America	Capital Equipment	2,673	8,636	3,857	3,920	4,043	4,793	5,196	5,480	6,252	7,248	8,507
Savannah	East Coast S America	Motor Vehicles	1,213	1,014	1,415	1,422	1,438	1,592	1,535	1,452	1,224	923	584

Destination	Origin	Product Group	1995	2000	2003	2004	2005	2010	2015	2020	2030	2040	2050
Savannah	Eastern Europe	All Commodities	69,252	33,856	44,104	45,272	49,133	75,734	113,888	167,442	337,999	599,989	919,166
Savannah	Eastern Europe	Agriculture	388	2,123	4,308	3,905	3,916	3,833	3,571	2,980	2,347	1,681	1,096
Savannah	Eastern Europe	Extractive	41	1,796	3	4	5	5	4	3	1	1	0
Savannah	Eastern Europe	Food	610	543	388	371	384	441	456	471	498	514	516
Savannah	Eastern Europe	Materials	5,539	5,642	5,557	5,019	4,851	5,959	6,506	6,834	7,466	8,112	8,770
Savannah	Eastern Europe	Consumer Goods	471	728	548	560	588	657	658	658	651	633	603
Savannah	Eastern Europe	Chemicals	39,859	12,200	27,558	29,300	32,759	55,517	90,941	142,397	307,488	563,099	874,554
Savannah	Eastern Europe	High Technology	94	525	203	217	243	372	495	635	1,013	1,557	2,320
Savannah	Eastern Europe	Intermed. Manufact.	17,436	7,649	3,770	3,872	4,189	6,226	7,845	9,067	11,538	13,856	15,957
Savannah	Eastern Europe	Capital Equipment	4,320	2,209	742	823	850	1,118	1,294	1,503	2,045	2,769	3,713
Savannah	Eastern Europe	Motor Vehicles	494	442	1,028	1,201	1,347	1,607	2,118	2,894	4,950	7,766	11,636
Savannah	India	All Commodities	18,845	75,547	90,099	90,220	95,110	123,611	142,601	160,914	207,438	266,213	329,040
Savannah	India	Agriculture	1,553	2,423	1,224	1,216	1,219	1,229	1,233	615	583	575	556
Savannah	India	Extractive	244	98	37	40	42	63	83	104	157	220	280
Savannah	India	Food	261	1,760	1,037	1,026	1,033	1,214	1,308	1,401	1,603	1,801	1,968
Savannah	India	Materials	5,226	31,183	34,743	34,640	36,810	46,819	52,375	57,956	71,325	86,827	96,240
Savannah	India	Consumer Goods	1,085	18,876	16,590	16,958	17,497	22,770	27,168	30,617	37,396	44,460	51,728
Savannah	India	Chemicals	769	3,210	3,037	3,215	3,371	4,042	4,489	4,812	5,497	6,235	7,044
Savannah	India	High Technology	199	426	524	573	654	1,072	1,361	1,707	2,636	4,000	5,966
Savannah	India	Intermed. Manufact.	8,834	13,754	28,051	27,945	30,197	40,815	48,069	56,258	78,589	109,846	150,098
Savannah	India	Capital Equipment	297	3,612	4,592	4,371	4,058	5,319	6,225	7,144	9,325	11,894	14,770
Savannah	India	Motor Vehicles	377	205	266	236	229	268	289	299	326	355	389
Savannah	Middle East	All Commodities	5,566	15,291	18,260	19,379	20,487	26,334	30,085	34,645	46,611	64,131	89,076
Savannah	Middle East	Agriculture	320	283	81	84	84	79	76	66	57	51	48
Savannah	Middle East	Extractive	0	0	0	0	0	0	0	0	0	0	0
Savannah	Middle East	Food	30	61	84	88	95	121	136	155	198	248	303
Savannah	Middle East	Materials	579	5,689	5,353	5,612	5,494	5,531	5,060	4,817	4,528	4,419	4,442
Savannah	Middle East	Consumer Goods	2,082	3,271	3,186	3,349	3,557	4,690	4,935	5,370	6,179	6,868	7,325
Savannah	Middle East	Chemicals	489	589	2,895	3,177	3,526	5,647	8,204	11,160	19,206	31,521	49,595
Savannah	Middle East	High Technology	106	227	232	250	278	425	513	608	840	1,143	1,537
Savannah	Middle East	Intermed. Manufact.	1,630	4,372	4,901	5,185	5,630	7,047	7,759	8,405	9,772	11,398	13,441
Savannah	Middle East	Capital Equipment	255	785	429	452	504	815	1,126	1,502	2,621	4,441	7,266
Savannah	Middle East	Motor Vehicles	74	14	1,099	1,182	1,319	1,980	2,276	2,563	3,210	4,043	5,121
Savannah	Mediterranean	All Commodities	34,845	58,828	81,774	88,452	99,706	126,041	139,319	152,544	183,232	222,790	275,543
Savannah	Mediterranean	Agriculture	77	1,268	293	289	306	374	410	399	443	474	491
Savannah	Mediterranean	Extractive	3,141	5,053	6,474	9,214	13,730	18,194	18,035	17,731	15,508	13,367	12,879
Savannah	Mediterranean	Food	4,086	9,130	8,386	8,434	8,802	11,179	12,477	13,712	16,450	19,654	23,527
Savannah	Mediterranean	Materials	3,677	10,768	19,236	18,888	19,857	21,419	21,805	22,662	25,505	29,394	34,032
Savannah	Mediterranean	Consumer Goods	698	2,532	5,165	5,561	6,151	6,741	7,961	9,187	12,355	16,629	22,430
Savannah	Mediterranean	Chemicals	4,275	11,765	10,709	11,712	12,371	15,216	17,762	20,190	26,223	34,607	46,845
Savannah	Mediterranean	High Technology	123	371	488	537	591	948	1,161	1,383	1,939	2,693	3,712
Savannah	Mediterranean	Intermed. Manufact.	17,561	13,042	22,094	24,606	28,130	39,619	45,573	51,493	65,794	84,136	107,516
Savannah	Mediterranean	Capital Equipment	778	2,574	6,846	6,887	7,107	8,914	9,619	10,119	10,518	9,820	7,977
Savannah	Mediterranean	Motor Vehicles	429	2,326	2,084	2,325	2,662	3,436	4,514	5,668	8,499	12,017	16,134

Destination	Origin	Product Group	1995	2000	2003	2004	2005	2010	2015	2020	2030	2040	2050
Savannah	North America	All Commodities	26,962	8,511	24,162	26,167	27,558	32,583	37,356	42,536	55,891	75,487	104,798
Savannah	North America	Agriculture	834	0	3,287	3,915	4,643	6,019	6,544	6,657	6,592	6,284	5,877
Savannah	North America	Extractive	5,194	6,207	5,753	5,628	5,400	4,731	3,950	3,245	2,196	1,479	990
Savannah	North America	Food	0	0	1	1	2	2	1	1	1	1	1
Savannah	North America	Materials	928	0	1	1	1	1	1	1	1	1	2
Savannah	North America	Consumer Goods	0	1	6	6	6	8	9	10	13	16	20
Savannah	North America	Chemicals	19,999	2,170	15,080	16,578	17,466	21,753	26,751	32,488	46,857	67,330	97,322
Savannah	North America	High Technology	6	57	30	34	37	64	91	124	217	359	568
Savannah	North America	Intermed. Manufact.	0	0	0	0	0	0	0	0	0	0	0
Savannah	North America	Capital Equipment	0	6	3	3	4	6	7	9	13	16	19
Savannah	North America	Motor Vehicles	0	71	0	0	0	0	0	0	0	0	0
Savannah	NE Asia	All Commodities	524,914	876,766	1,546,205	1,628,253	1,788,766	2,556,181	3,109,187	3,708,564	5,278,444	7,336,021	9,681,474
Savannah	NE Asia	Agriculture	771	566	2,866	2,755	2,979	3,602	3,938	2,746	3,206	3,595	3,617
Savannah	NE Asia	Extractive	135	141	368	379	343	485	646	835	1,292	1,750	2,038
Savannah	NE Asia	Food	13,474	10,205	18,823	17,483	18,040	19,891	20,463	21,160	22,302	22,184	19,380
Savannah	NE Asia	Materials	20,264	41,297	109,496	109,127	115,402	146,609	162,919	173,917	198,679	214,171	199,255
Savannah	NE Asia	Consumer Goods	81,827	221,401	471,612	469,793	512,499	744,695	853,780	984,039	1,310,541	1,668,660	1,911,885
Savannah	NE Asia	Chemicals	44,574	88,476	100,559	102,543	107,563	129,540	137,846	139,234	144,338	145,900	131,069
Savannah	NE Asia	High Technology	90,759	146,941	167,377	172,957	191,444	319,024	435,724	562,676	883,220	1,305,779	1,840,015
Savannah	NE Asia	Intermed. Manufact.	170,500	188,710	394,041	443,739	492,730	640,356	767,972	896,751	1,213,535	1,588,875	1,990,692
Savannah	NE Asia	Capital Equipment	93,796	159,924	255,921	281,448	315,780	496,409	651,824	832,874	1,352,764	2,153,561	3,240,776
Savannah	NE Asia	Motor Vehicles	8,815	19,105	25,142	28,030	31,984	55,570	74,074	94,333	148,568	231,547	342,747
Savannah	North Europe	All Commodities	176,612	364,035	367,166	404,129	433,877	573,892	662,379	743,190	972,477	1,303,299	1,748,675
Savannah	North Europe	Agriculture	9,655	20,524	11,906	12,070	11,355	11,058	9,042	6,251	2,889	1,220	492
Savannah	North Europe	Extractive	67	75	5	5	3	3	2	2	1	1	1
Savannah	North Europe	Food	30,508	50,307	35,574	36,651	39,942	39,630	37,735	36,635	35,128	33,587	31,697
Savannah	North Europe	Materials	16,167	23,081	20,918	20,263	20,665	20,490	18,800	16,662	11,814	7,051	3,618
Savannah	North Europe	Consumer Goods	11,073	11,698	12,831	13,262	14,064	16,352	18,224	19,571	23,107	28,416	35,500
Savannah	North Europe	Chemicals	33,361	69,827	121,440	137,931	139,441	171,854	184,949	184,597	205,583	254,799	324,029
Savannah	North Europe	High Technology	5,150	4,599	6,092	5,973	6,442	9,859	12,297	14,947	21,714	30,977	43,546
Savannah	North Europe	Intermed. Manufact.	32,217	86,351	56,364	66,147	79,420	134,364	175,380	218,877	329,193	480,447	692,069
Savannah	North Europe	Capital Equipment	29,664	64,484	53,589	58,011	65,355	90,710	107,879	127,178	174,065	232,450	303,435
Savannah	North Europe	Motor Vehicles	8,750	33,090	48,446	53,816	57,189	79,573	98,073	118,469	168,982	234,352	314,289
Savannah	Oceania	All Commodities	22,739	27,406	72,612	67,368	69,661	96,878	117,936	137,347	185,596	258,502	370,814
Savannah	Oceania	Agriculture	39	2,965	9,800	7,939	7,590	6,562	5,635	4,571	4,122	3,887	3,582
Savannah	Oceania	Extractive	549	319	829	393	432	515	472	411	303	210	138
Savannah	Oceania	Food	21,662	19,560	39,939	35,974	39,020	60,419	78,284	96,954	143,162	214,110	324,638
Savannah	Oceania	Materials	6	1,284	8,252	7,920	6,519	8,571	10,598	11,430	12,212	12,714	13,149
Savannah	Oceania	Consumer Goods	28	126	347	370	400	585	719	857	1,205	1,663	2,244
Savannah	Oceania	Chemicals	6	1,007	2,981	2,809	2,900	3,657	4,148	4,478	5,211	6,093	7,198
Savannah	Oceania	High Technology	82	178	286	289	327	533	660	796	1,142	1,615	2,255
Savannah	Oceania	Intermed. Manufact.	225	448	2,764	4,641	5,365	6,090	6,115	5,380	3,827	2,812	2,347
Savannah	Oceania	Capital Equipment	34	1,498	5,856	5,570	5,703	7,599	8,520	9,316	10,615	11,156	10,679
Savannah	Oceania	Motor Vehicles	108	20	1,558	1,465	1,405	2,348	2,785	3,153	3,797	4,242	4,583

Destination	Origin	Product Group	1995	2000	2003	2004	2005	2010	2015	2020	2030	2040	2050
Savannah	Europe, Other	All Commodities	2,949	30,541	21,317	13,268	13,212	14,312	14,716	15,123	15,954	16,422	16,731
Savannah	Europe, Other	Agriculture	0	23,016	12,040	4,532	4,647	4,884	4,976	4,922	4,285	2,998	1,701
Savannah	Europe, Other	Extractive	227	365	318	346	365	396	368	336	284	243	209
Savannah	Europe, Other	Food	27	145	94	103	115	99	92	87	79	69	59
Savannah	Europe, Other	Materials	1,438	3,292	5,413	4,735	4,258	4,073	3,545	3,331	3,633	4,396	5,278
Savannah	Europe, Other	Consumer Goods	288	477	181	176	194	217	254	247	223	239	294
Savannah	Europe, Other	Chemicals	220	119	121	121	126	169	199	227	297	403	548
Savannah	Europe, Other	High Technology	21	164	46	46	52	77	96	116	164	222	295
Savannah	Europe, Other	Intermed. Manufact.	542	1,932	1,919	1,989	2,138	2,620	3,065	3,429	3,890	3,995	3,633
Savannah	Europe, Other	Capital Equipment	170	982	1,005	1,027	1,107	1,463	1,719	1,952	2,489	3,151	3,967
Savannah	Europe, Other	Motor Vehicles	15	48	181	194	209	313	400	477	610	707	748
Savannah	SE Asia	All Commodities	126,602	304,707	346,835	353,757	378,700	450,313	477,552	506,272	569,841	626,062	684,825
Savannah	SE Asia	Agriculture	4,775	11,249	25,013	25,478	26,493	25,419	24,267	22,305	20,732	18,151	14,603
Savannah	SE Asia	Extractive	37	99	35	46	57	56	48	38	24	15	9
Savannah	SE Asia	Food	29,319	82,634	97,008	94,009	97,831	110,800	112,383	112,161	112,341	112,128	110,582
Savannah	SE Asia	Materials	32,237	52,644	50,925	55,345	59,233	62,631	63,612	64,337	64,602	62,616	58,563
Savannah	SE Asia	Consumer Goods	10,325	45,588	84,166	84,535	89,504	118,128	128,720	142,780	170,485	190,748	208,047
Savannah	SE Asia	Chemicals	6,488	4,097	13,501	14,630	15,361	18,319	21,359	24,366	31,710	41,812	56,328
Savannah	SE Asia	High Technology	35,124	51,926	48,882	48,579	49,578	63,392	72,028	83,134	111,721	144,836	181,614
Savannah	SE Asia	Intermed. Manufact.	7,063	48,586	17,994	22,353	31,848	40,652	42,135	41,977	37,585	27,810	17,184
Savannah	SE Asia	Capital Equipment	1,163	7,744	8,785	8,312	8,280	10,229	12,199	14,293	19,639	26,912	36,903
Savannah	SE Asia	Motor Vehicles	71	140	527	471	516	688	800	881	1,004	1,035	993
Savannah	West Coast S America	All Commodities	19,160	15,868	69,373	69,172	70,984	86,232	99,563	114,835	149,693	188,025	232,598
Savannah	West Coast S America	Agriculture	4,780	341	2,870	2,842	2,962	3,420	3,502	3,544	3,685	3,830	3,941
Savannah	West Coast S America	Extractive	69	254	388	380	388	380	373	366	353	337	316
Savannah	West Coast S America	Food	12,301	896	60,530	60,590	62,164	75,751	88,449	103,301	137,372	175,121	219,342
Savannah	West Coast S America	Materials	469	3,400	3,029	2,683	2,590	3,137	3,432	3,618	3,944	4,245	4,543
Savannah	West Coast S America	Consumer Goods	417	1,131	977	982	1,014	1,125	1,157	1,177	1,233	1,298	1,369
Savannah	West Coast S America	Chemicals	1,057	4,615	261	279	295	358	403	434	462	411	288
Savannah	West Coast S America	High Technology	6	22	37	41	51	83	105	129	194	285	411
Savannah	West Coast S America	Intermed. Manufact.	49	5,113	1,064	1,149	1,284	1,665	1,778	1,856	1,941	1,879	1,644
Savannah	West Coast S America	Capital Equipment	13	87	215	224	233	311	362	407	506	618	742
Savannah	West Coast S America	Motor Vehicles	0	9	3	3	3	3	3	3	2	2	1

Table 22. Containerized Tonnes of Exports from Savannah Harbor by World Trade Route and Commodity Groups: 1995 - 2050 (selected years)

Origin	Destination	Product Group	1995	2000	2003	2004	2005	2010	2015	2020	2030	2040	2050
USA	World	All Commodities	52,079,407	51,663,424	59,866,360	61,938,701	62,671,860	68,156,505	73,311,464	81,026,976	106,038,449	157,207,098	257,492,921
USA	Percent Change	All Commodities	NA	-0.16%	5.03%	3.46%	1.18%	1.69%	1.47%	2.02%	2.73%	4.02%	5.06%
Savannah	World	All Commodities	2,461,566	2,535,755	3,879,928	4,042,908	4,042,517	4,097,605	4,204,825	4,546,836	5,751,825	8,260,339	13,182,596
Savannah	Percent Change	All Commodities	NA	0.60%	15.23%	4.20%	-0.01%	0.27%	0.52%	1.58%	2.38%	3.69%	4.79%
Savannah	Africa	All Commodities	20,059	16,411	18,401	17,603	17,529	20,055	22,993	28,201	63,118	194,904	540,350
Savannah	Africa	Agriculture	2,869	996	54	57	58	58	58	60	63	68	73
Savannah	Africa	Extractive	1,780	557	53	52	51	48	45	43	40	38	37
Savannah	Africa	Food	148	2,443	855	818	795	734	629	552	513	503	477
Savannah	Africa	Materials	9,468	4,365	10,266	9,592	9,413	10,917	12,893	16,703	43,976	152,903	450,259
Savannah	Africa	Consumer Goods	402	505	811	771	784	869	942	1,026	1,314	1,678	2,085
Savannah	Africa	Chemicals	2,463	4,579	3,214	3,167	3,177	3,536	3,982	4,695	9,502	25,372	57,549
Savannah	Africa	High Technology	245	271	232	235	239	311	408	594	1,814	6,506	19,788
Savannah	Africa	Intermed. Manufact	965	380	1,327	1,259	1,210	1,368	1,507	1,626	1,900	2,227	2,564
Savannah	Africa	Capital Equipment	1,257	1,460	1,026	1,038	1,134	1,400	1,663	1,963	2,918	4,424	6,285
Savannah	Africa	Motor Vehicles	461	855	562	614	669	813	865	939	1,078	1,185	1,233
Savannah	Central America	All Commodities	75,537	77,185	195,950	204,409	208,072	231,475	250,378	273,550	356,218	561,999	1,006,657
Savannah	Central America	Agriculture	2,062	9,018	7,412	8,274	8,528	9,832	10,682	11,284	12,346	13,392	13,891
Savannah	Central America	Extractive	58	807	778	681	613	678	703	733	817	921	1,024
Savannah	Central America	Food	28,861	27,133	51,035	52,061	53,349	58,282	56,488	54,726	52,240	50,791	48,787
Savannah	Central America	Materials	34,072	21,729	105,002	111,626	113,695	127,879	143,580	161,488	202,794	254,384	311,861
Savannah	Central America	Consumer Goods	3,130	680	2,960	2,964	2,989	3,185	3,375	3,556	4,039	4,727	5,473
Savannah	Central America	Chemicals	3,057	11,252	22,808	22,717	22,617	23,586	24,590	24,924	26,077	27,421	27,956
Savannah	Central America	High Technology	1,702	2,013	2,527	2,680	2,880	4,517	7,391	13,231	53,790	205,251	591,738
Savannah	Central America	Intermed. Manufact	1,573	3,473	2,295	2,260	2,241	2,218	2,195	2,178	2,522	3,286	3,855
Savannah	Central America	Capital Equipment	794	935	887	890	901	989	1,041	1,079	1,190	1,351	1,525
Savannah	Central America	Motor Vehicles	227	145	248	256	261	310	333	352	403	473	548
Savannah	East Coast S America	All Commodities	232,511	232,577	148,617	150,606	149,524	158,012	165,073	181,343	223,683	280,747	353,153
Savannah	East Coast S America	Agriculture	2,375	2,837	8,570	8,960	9,150	9,512	9,618	9,782	9,936	10,148	10,179
Savannah	East Coast S America	Extractive	27,328	15,181	17,568	17,527	18,062	20,781	23,254	26,289	34,225	45,391	59,618
Savannah	East Coast S America	Food	26,562	9,226	4,823	4,673	4,559	4,827	3,988	3,335	2,449	1,801	1,288
Savannah	East Coast S America	Materials	113,769	126,261	88,569	88,779	86,878	87,770	89,348	99,812	127,390	163,896	207,051
Savannah	East Coast S America	Consumer Goods	5,613	3,010	1,448	1,512	1,557	1,871	2,099	2,280	2,701	3,234	3,824
Savannah	East Coast S America	Chemicals	29,686	42,644	17,825	18,734	18,657	20,182	21,506	22,791	26,063	30,118	34,297
Savannah	East Coast S America	High Technology	5,537	7,624	4,144	4,450	4,630	6,118	7,611	8,917	11,734	15,802	25,392
Savannah	East Coast S America	Intermed. Manufact	8,537	10,954	2,133	2,230	2,245	2,521	2,781	3,000	3,516	4,162	4,880
Savannah	East Coast S America	Capital Equipment	12,219	13,671	2,804	2,966	3,017	3,546	3,905	4,116	4,546	5,004	5,413
Savannah	East Coast S America	Motor Vehicles	884	1,169	735	776	769	883	964	1,021	1,123	1,192	1,212

Origin	Destination	Product Group	1995	2000	2003	2004	2005	2010	2015	2020	2030	2040	2050
Savannah	Eastern Europe	All Commodities	15,856	21,323	62,847	64,364	67,141	81,552	91,920	108,251	177,926	354,280	713,198
Savannah	Eastern Europe	Agriculture	108	466	462	541	745	849	918	1,000	1,113	1,245	1,378
Savannah	Eastern Europe	Extractive	58	71	1,422	1,494	1,591	2,036	2,315	2,483	2,874	3,359	3,741
Savannah	Eastern Europe	Food	6,027	9,190	25,609	27,253	29,791	39,504	45,411	53,483	77,717	111,567	151,866
Savannah	Eastern Europe	Materials	5,208	8,436	28,897	28,413	28,293	30,057	31,363	34,695	51,866	90,835	141,326
Savannah	Eastern Europe	Consumer Goods	212	95	144	150	160	220	302	431	1,036	2,487	5,031
Savannah	Eastern Europe	Chemicals	715	827	2,339	2,450	2,465	3,355	4,669	7,271	25,047	94,424	277,937
Savannah	Eastern Europe	High Technology	355	437	747	779	832	1,243	1,809	2,767	8,633	34,043	106,083
Savannah	Eastern Europe	Intermed. Manufact	1,729	774	1,290	1,323	1,246	1,409	1,500	1,608	2,169	3,438	5,112
Savannah	Eastern Europe	Capital Equipment	1,270	646	1,451	1,472	1,509	2,083	2,585	3,160	5,351	9,731	16,283
Savannah	Eastern Europe	Motor Vehicles	176	384	485	491	509	796	1,048	1,352	2,119	3,152	4,442
Savannah	India	All Commodities	39,454	42,756	78,372	80,239	76,981	81,272	88,885	101,876	160,353	339,148	776,051
Savannah	India	Agriculture	6,044	1,516	18,749	22,443	20,089	24,079	27,962	31,889	40,936	52,478	66,247
Savannah	India	Extractive	2,003	3,061	2,906	3,125	3,376	5,213	7,453	10,109	16,775	25,285	35,488
Savannah	India	Food	1,646	351	437	472	488	626	721	857	1,183	1,565	1,947
Savannah	India	Materials	22,065	29,293	46,910	44,847	43,483	39,501	37,010	36,397	36,281	37,165	36,293
Savannah	India	Consumer Goods	76	581	506	490	495	615	770	983	1,698	3,008	4,926
Savannah	India	Chemicals	3,969	2,342	3,931	3,853	3,875	4,102	4,512	5,251	8,901	17,387	29,201
Savannah	India	High Technology	265	387	716	772	863	1,702	3,501	7,640	40,186	176,232	553,267
Savannah	India	Intermed. Manufact	636	2,081	1,544	1,565	1,527	2,122	3,003	3,963	6,879	13,095	25,835
Savannah	India	Capital Equipment	2,745	3,118	2,158	2,156	2,268	2,727	3,222	3,837	5,943	10,494	19,195
Savannah	India	Motor Vehicles	6	26	515	514	518	585	731	950	1,571	2,440	3,652
Savannah	Middle East	All Commodities	95,964	73,738	72,278	71,461	70,734	74,769	78,296	85,340	105,558	136,037	175,799
Savannah	Middle East	Agriculture	726	2,118	466	499	527	691	778	855	1,024	1,222	1,428
Savannah	Middle East	Extractive	3,416	1,296	481	472	472	556	615	687	870	1,126	1,431
Savannah	Middle East	Food	5,341	7,790	10,331	10,784	11,463	16,127	20,425	25,412	39,295	60,560	89,466
Savannah	Middle East	Materials	72,723	46,402	50,170	49,182	47,669	46,005	44,292	45,396	49,263	55,174	62,134
Savannah	Middle East	Consumer Goods	1,442	1,409	1,125	1,124	1,164	1,435	1,714	1,995	2,739	3,853	5,356
Savannah	Middle East	Chemicals	5,206	6,672	4,964	4,663	4,598	4,126	3,741	3,504	3,199	2,952	2,685
Savannah	Middle East	High Technology	214	471	503	504	524	689	842	1,002	1,395	1,918	2,551
Savannah	Middle East	Intermed. Manufact	3,827	3,256	2,113	2,123	2,142	2,429	2,750	3,029	3,655	4,406	5,200
Savannah	Middle East	Capital Equipment	2,812	4,003	2,059	2,054	2,116	2,653	3,083	3,405	4,067	4,779	5,505
Savannah	Middle East	Motor Vehicles	256	321	65	56	58	58	55	54	51	48	44
Savannah	Mediterranean	All Commodities	117,888	138,886	163,243	165,774	165,773	160,153	169,541	191,422	255,090	353,861	487,676
Savannah	Mediterranean	Agriculture	1,552	7,267	14,418	14,882	14,819	16,988	18,587	20,333	24,732	30,548	36,908
Savannah	Mediterranean	Extractive	2,132	6,702	13,691	11,390	7,822	9,278	9,580	10,005	11,448	13,580	14,666
Savannah	Mediterranean	Food	15,113	7,662	16,591	18,276	19,262	23,486	30,193	37,961	59,060	90,406	132,385
Savannah	Mediterranean	Materials	91,377	104,791	101,075	103,425	105,636	87,002	82,389	88,045	106,882	137,589	179,421
Savannah	Mediterranean	Consumer Goods	743	1,633	1,731	1,796	1,876	2,413	2,954	3,589	5,335	8,014	11,450
Savannah	Mediterranean	Chemicals	2,495	4,082	5,209	5,273	5,373	7,185	9,490	12,500	21,719	37,883	64,128
Savannah	Mediterranean	High Technology	463	597	594	605	621	814	981	1,167	1,658	2,345	3,219
Savannah	Mediterranean	Intermed. Manufact	1,537	1,861	2,976	3,078	3,170	3,834	4,431	4,877	5,888	7,153	8,631
Savannah	Mediterranean	Capital Equipment	2,347	2,983	4,900	4,977	5,101	5,936	6,643	7,327	8,992	11,179	13,762
Savannah	Mediterranean	Motor Vehicles	128	1,309	2,058	2,072	2,094	3,216	4,293	5,618	9,375	15,164	23,107

Origin	Destination	Product Group	1995	2000	2003	2004	2005	2010	2015	2020	2030	2040	2050
Savannah	North America	All Commodities	594	1,259	359	346	350	406	463	529	720	1,021	1,432
Savannah	North America	Agriculture	0	0	0	0	0	0	0	0	0	0	0
Savannah	North America	Extractive	560	850	307	295	301	336	365	392	462	555	647
Savannah	North America	Food	0	0	0	0	0	0	0	0	0	0	1
Savannah	North America	Materials	0	0	8	8	7	5	4	4	4	4	5
Savannah	North America	Consumer Goods	0	0	0	0	0	0	0	0	0	0	0
Savannah	North America	Chemicals	0	388	29	28	27	44	69	103	210	395	688
Savannah	North America	High Technology	34	20	14	13	14	19	21	25	33	45	58
Savannah	North America	Intermed. Manufact	0	0	1	1	1	2	3	4	11	22	33
Savannah	North America	Capital Equipment	0	0	0	0	0	0	0	0	0	0	0
Savannah	North America	Motor Vehicles	0	0	0	0	0	0	0	0	0	0	0
Savannah	NE Asia	All Commodities	982,947	1,102,116	1,930,910	1,989,338	1,976,538	2,007,433	2,027,614	2,160,904	2,612,216	3,423,674	4,815,105
Savannah	NE Asia	Agriculture	13,327	6,578	202,795	211,435	212,354	225,820	233,364	234,704	244,085	262,718	286,099
Savannah	NE Asia	Extractive	394,299	456,639	671,979	714,702	720,124	770,314	793,666	848,289	1,006,974	1,224,041	1,510,463
Savannah	NE Asia	Food	46,905	107,492	200,103	198,163	196,631	206,533	188,672	179,130	165,051	153,644	109,692
Savannah	NE Asia	Materials	392,143	404,488	587,912	588,629	563,278	472,726	418,532	426,446	468,463	547,306	641,686
Savannah	NE Asia	Consumer Goods	5,244	3,617	13,607	14,449	15,250	18,940	23,956	31,265	56,010	106,408	204,253
Savannah	NE Asia	Chemicals	82,276	76,093	179,874	183,591	186,857	209,702	239,719	281,318	414,421	680,616	1,237,010
Savannah	NE Asia	High Technology	10,457	9,696	10,678	11,843	12,630	17,226	22,706	30,291	57,408	116,536	241,032
Savannah	NE Asia	Intermed. Manufact	15,225	20,320	39,826	40,656	41,862	50,621	61,515	71,816	104,405	166,622	283,021
Savannah	NE Asia	Capital Equipment	20,272	14,462	19,215	20,517	22,479	29,745	38,848	50,066	84,986	151,607	283,289
Savannah	NE Asia	Motor Vehicles	2,799	2,729	4,921	5,353	5,073	5,805	6,636	7,579	10,411	14,176	18,559
Savannah	North Europe	All Commodities	578,740	510,412	783,347	808,557	823,289	744,581	706,564	716,474	766,558	873,327	1,024,968
Savannah	North Europe	Agriculture	12,493	32,534	13,168	13,928	14,453	15,051	15,801	15,879	15,267	15,563	16,586
Savannah	North Europe	Extractive	207,046	164,925	281,612	290,480	295,711	251,790	226,688	212,905	189,564	174,361	161,617
Savannah	North Europe	Food	9,717	9,611	13,178	13,595	13,522	13,382	14,108	15,086	17,202	20,193	23,855
Savannah	North Europe	Materials	288,508	232,653	367,348	385,311	394,840	340,038	307,648	313,199	344,331	410,919	511,125
Savannah	North Europe	Consumer Goods	2,335	3,772	3,986	3,979	4,007	4,332	4,583	4,890	5,663	6,655	7,707
Savannah	North Europe	Chemicals	31,536	27,359	65,980	63,287	61,570	72,448	82,989	92,804	116,437	146,824	181,555
Savannah	North Europe	High Technology	5,450	7,092	7,971	7,793	7,878	9,118	9,962	11,048	14,064	18,600	25,153
Savannah	North Europe	Intermed. Manufact	7,106	10,425	7,445	7,476	7,916	9,848	11,917	13,711	17,493	21,871	26,393
Savannah	North Europe	Capital Equipment	12,814	15,622	18,606	19,063	19,698	22,488	24,507	26,312	30,830	36,802	43,326
Savannah	North Europe	Motor Vehicles	1,735	6,420	4,052	3,646	3,694	6,086	8,361	10,641	15,708	21,539	27,653
Savannah	Oceania	All Commodities	124,427	136,646	166,171	174,377	166,892	175,514	195,679	222,890	293,828	393,225	514,949
Savannah	Oceania	Agriculture	3,141	670	843	876	748	465	343	271	171	132	120
Savannah	Oceania	Extractive	13,022	9,920	22,643	21,564	21,190	21,486	21,534	21,630	22,682	24,854	27,138
Savannah	Oceania	Food	6,683	10,556	16,046	16,608	15,405	14,598	15,086	15,728	16,992	18,472	19,523
Savannah	Oceania	Materials	30,828	54,412	50,038	53,845	51,007	49,176	53,172	61,980	83,244	109,584	135,291
Savannah	Oceania	Consumer Goods	1,846	2,706	11,605	11,490	11,488	14,444	16,985	19,886	27,499	37,917	50,204
Savannah	Oceania	Chemicals	20,028	19,810	22,080	23,166	21,502	19,554	19,628	19,966	21,785	24,985	29,268
Savannah	Oceania	High Technology	1,123	1,825	1,530	1,558	1,621	2,072	2,476	2,956	4,130	5,719	7,705
Savannah	Oceania	Intermed. Manufact	10,176	10,508	15,422	16,656	16,199	18,327	21,914	25,848	36,393	51,415	71,083
Savannah	Oceania	Capital Equipment	26,211	20,853	20,163	22,310	21,114	25,207	30,450	36,118	50,551	71,288	99,141
Savannah	Oceania	Motor Vehicles	11,369	5,386	5,800	6,302	6,619	10,186	14,089	18,509	30,381	48,858	75,475

Origin	Destination	Product Group	1995	2000	2003	2004	2005	2010	2015	2020	2030	2040	2050
Savannah	Europe, Other	All Commodities	2,252	4,120	3,811	3,972	3,873	2,628	2,085	1,998	1,851	1,777	1,783
Savannah	Europe, Other	Agriculture	4	16	36	47	58	61	63	64	66	68	69
Savannah	Europe, Other	Extractive	260	742	88	91	92	86	85	85	88	93	94
Savannah	Europe, Other	Food	135	75	20	18	16	8	4	2	1	0	0
Savannah	Europe, Other	Materials	1,556	2,141	3,129	3,283	3,169	1,810	1,194	1,027	701	423	227
Savannah	Europe, Other	Consumer Goods	6	164	88	88	88	92	95	100	113	128	142
Savannah	Europe, Other	Chemicals	17	3	63	63	64	79	97	118	170	243	336
Savannah	Europe, Other	High Technology	111	110	179	171	169	194	210	232	284	349	419
Savannah	Europe, Other	Intermed. Manufact	41	20	21	20	20	20	20	21	23	25	27
Savannah	Europe, Other	Capital Equipment	61	68	100	98	100	105	110	117	134	156	179
Savannah	Europe, Other	Motor Vehicles	60	782	87	93	98	174	207	233	272	293	292
Savannah	SE Asia	All Commodities	106,910	129,246	185,139	240,685	244,511	283,241	320,704	376,458	580,745	1,023,547	2,039,183
Savannah	SE Asia	Agriculture	0	0	0	55,199	58,700	73,582	80,471	85,885	100,680	81,044	107,899
Savannah	SE Asia	Extractive	25,002	37,347	46,841	49,948	52,261	61,289	66,225	73,689	89,408	105,223	118,790
Savannah	SE Asia	Food	1,805	11,029	14,040	15,648	17,436	30,227	46,715	69,497	145,999	287,778	518,435
Savannah	SE Asia	Materials	68,235	51,218	71,690	69,477	67,834	63,253	61,200	62,330	66,323	72,791	79,688
Savannah	SE Asia	Consumer Goods	434	1,858	3,603	3,462	3,429	4,100	4,961	6,417	12,395	23,767	37,396
Savannah	SE Asia	Chemicals	1,822	12,542	28,374	28,035	27,878	28,041	29,454	32,616	49,247	97,003	196,463
Savannah	SE Asia	High Technology	3,331	3,025	3,378	3,613	3,894	5,878	9,194	15,382	52,666	203,684	616,300
Savannah	SE Asia	Intermed. Manufact	963	7,758	10,269	7,351	4,452	5,937	8,141	11,409	25,198	66,051	180,010
Savannah	SE Asia	Capital Equipment	4,401	3,859	5,417	6,127	6,526	8,431	11,190	14,811	26,561	48,568	87,757
Savannah	SE Asia	Motor Vehicles	916	608	1,528	1,823	2,102	2,503	3,153	4,423	12,268	37,637	96,445
Savannah	West Coast S America	All Commodities	68,429	49,080	70,483	71,177	71,309	76,513	84,629	97,602	153,961	322,792	732,292
Savannah	West Coast S America	Agriculture	1,869	6,925	9,651	9,996	10,370	12,003	13,180	14,541	17,386	20,722	24,061
Savannah	West Coast S America	Extractive	7,794	11,360	13,525	13,577	13,626	14,660	16,034	17,998	22,603	28,565	34,980
Savannah	West Coast S America	Food	6,920	807	2,427	2,571	2,831	3,842	4,663	5,634	8,009	11,100	14,663
Savannah	West Coast S America	Materials	33,144	18,367	27,665	27,117	26,337	24,039	23,202	23,278	25,791	30,271	35,403
Savannah	West Coast S America	Consumer Goods	1,668	779	461	471	485	600	725	855	1,200	1,721	2,410
Savannah	West Coast S America	Chemicals	5,381	4,762	8,051	8,233	8,362	10,079	12,566	16,060	28,777	56,925	106,004
Savannah	West Coast S America	High Technology	1,696	1,740	2,182	2,351	2,482	3,668	5,668	9,597	37,827	157,433	494,361
Savannah	West Coast S America	Intermed. Manufact	6,517	3,427	4,523	4,741	4,690	5,158	5,800	6,531	8,449	11,085	14,279
Savannah	West Coast S America	Capital Equipment	3,209	711	1,555	1,643	1,656	1,883	2,106	2,315	2,842	3,524	4,269
Savannah	West Coast S America	Motor Vehicles	233	203	445	475	472	583	683	794	1,076	1,447	1,861

tonnes from North East Asia will grow nearly two-thirds (2.556/1.546 = 1.65), while total import containerized tonnes from North Europe will grow nearly 55 percent (0.450/0.346 = 1.56) and total import containerized tonnes from South East Asia will grow 30 percent (0.568/0.456 = 1.30).

The predominant trade regions for Savannah Harbor total export containerized tonnes (Table 22) in 2003 (3.879 million tonnes) are North East Asia (1.903 million tonnes) and North Europe (0.783 million tonnes). The next largest trade region for export containerized tonnes is South East Asia (0.185 million tonnes). The leading commodity groups for Savannah Harbor export containerized tonnes in 2003 to North East Asia are Extractive (0.671 million tonnes)and Materials (0.587 million tonnes). The leading commodity groups for Savannah Harbor export containerized tonnes in 2003 to North Europe are Materials (0.367 million tonnes) and Extractive (0.281 million tonnes). The leading commodity groups for Savannah Harbor export containerized tonnes in 2003 to South East Asia are Materials (0.071 million tonnes) and Extractive (0.046 million tonnes).

Savannah Harbor export containerized tonnes (all commodities) are expected to grow 4.20 percent between 2003 and 2004, then at an average annual rate of 0.27 percent between 2005 and 2010, at 0.52 percent between 2010 and 2015, and at less than 2 percent between 2015 and 2020, then increasing to 2.38 percent between 2020 and 2030, 3.69 percent between 2030 and 2040, and 4.79 percent between 2040 and 2050. As a result of slower growth of containerized exports after 2004, the trade picture will be largely unchanged by 2010 and during ensuing periods. For example, by 2010 the largest trade will be North East Asia (2.007 million tonnes), followed by North Europe (0.744 million tonnes) and South East Asia (0.283 million tonnes). Between 2003 and 2010, total export containerized tonnes to North East Asia will grow only four percent (2.007/1.930 = 1.04), total export containerized tonnes to North Europe will decline five percent (0.744/0.783 = 0.95), and total export containerized tonnes to South East Asia will grow nearly 50 percent (0.283/0.185 = 1.53).

TEUs

Tables 23 and 24 depict the major world trade areas for each of the 10 commodity groups for Savannah Harbor total TEU imports and exports, respectively, and their historic growth from 1995 to 2003 and projected growth from 2003 to 2050. For example, the predominant trade regions for Savannah Harbor import TEUs (Table 23) in 2003 (0.602 million TEUs) are North East Asia (0.365 million TEUs), South East Asia (0.077 million TEUs), and North Europe (0.059 million TEUs). The leading commodity groups (TEUs) for North East Asia containerized imports in 2003 are Consumer Goods (0.162 million TEUs) and Intermediate Manufacturing (0.061 million TEUs). The leading commodity groups for TEU imports from South East Asia are Consumer Goods (0.034 million TEUs) and High Technology (0.014 million TEUs). The leading commodity groups for North Europe TEU imports in 2003 are Intermediate Manufacturing (0.010 million TEUs) and Chemicals (0.010 million TEUs).

Savannah Harbor total TEU imports (all commodities) are expected to grow 2.54 percent between 2003 and 2004 and 7.69 percent between 2004 and 2005, then at an average annual rate of 6.63 percent between 2005 and 2010, slowing to an average annual rate of growth of

Table 23. TEUs of Imports to Savannah Harbor by World Trade Route and Commodity Groups: 1995 - 2050 (selected years)

Destination	Origin	Product Group	1995	2000	2003	2004	2005	2010	2015	2020	2030	2040	2050
USA	World	All Commodities	6,149,984	10,615,461	14,237,352	12,891,228	13,864,939	18,318,933	21,317,783	24,392,355	32,233,589	42,426,911	55,122,665
USA	Percent Change	All Commodities	NA	11.54%	10.28%	-9.45%	7.55%	5.73%	3.08%	2.73%	2.83%	2.79%	2.65%
Savannah	World	All Commodities	196,136	396,563	602,107	617,399	664,876	916,546	1,105,626	1,310,895	1,848,206	2,585,808	3,527,589
Savannah	Percent Change	All Commodities	NA	15.12%	14.94%	2.54%	7.69%	6.63%	3.82%	3.46%	3.49%	3.42%	3.15%
Savannah	Africa	All Commodities	517	495	447	456	482	620	725	813	961	1,075	1,161
Savannah	Africa	Agriculture	12	12	1	1	1	1	1	1	1	1	1
Savannah	Africa	Extractive	21	41	7	7	7	6	6	5	5	4	3
Savannah	Africa	Food	72	2	31	31	33	32	30	27	24	21	18
Savannah	Africa	Materials	2	80	87	82	85	100	120	137	172	212	258
Savannah	Africa	Consumer Goods	123	19	12	12	13	14	15	16	18	19	20
Savannah	Africa	Chemicals	2	182	25	24	25	30	34	41	51	58	60
Savannah	Africa	High Technology	1	11	2	2	2	4	6	8	13	21	32
Savannah	Africa	Intermed. Manufact.	23	96	41	45	50	68	85	100	127	143	144
Savannah	Africa	Capital Equipment	43	46	22	24	26	30	31	31	32	31	30
Savannah	Africa	Motor Vehicles	218	6	219	228	241	334	398	446	519	566	596
Savannah	Central America	All Commodities	2,783	1,188	2,594	2,677	2,840	3,577	4,250	4,990	6,863	9,311	12,402
Savannah	Central America	Agriculture	600	39	138	141	143	137	142	138	130	118	104
Savannah	Central America	Extractive	2	0	1	1	1	1	1	1	1	1	1
Savannah	Central America	Food	166	193	402	391	414	426	408	396	373	348	314
Savannah	Central America	Materials	12	1	125	112	106	81	62	57	44	30	17
Savannah	Central America	Consumer Goods	1,441	68	739	748	786	959	1,137	1,339	1,843	2,450	3,152
Savannah	Central America	Chemicals	17	232	24	24	25	28	31	32	36	41	48
Savannah	Central America	High Technology	108	195	517	565	616	964	1,355	1,806	3,001	4,653	6,800
Savannah	Central America	Intermed. Manufact.	6	45	7	7	8	12	15	19	29	44	65
Savannah	Central America	Capital Equipment	16	266	85	97	111	157	191	223	305	413	550
Savannah	Central America	Motor Vehicles	415	148	557	592	630	813	908	978	1,101	1,215	1,351
Savannah	East Coast S America	All Commodities	13,690	26,692	29,046	29,754	31,345	39,422	45,234	51,090	65,008	83,015	106,409
Savannah	East Coast S America	Agriculture	4,553	6,988	5,204	4,991	5,033	5,034	5,058	5,065	5,136	5,124	4,973
Savannah	East Coast S America	Extractive	37	213	155	156	161	175	177	175	167	155	140
Savannah	East Coast S America	Food	1,459	2,398	5,383	5,842	6,277	9,004	11,232	13,573	18,888	25,015	31,908
Savannah	East Coast S America	Materials	2,221	4,679	9,081	9,086	9,468	11,448	11,907	12,177	12,511	12,723	12,871
Savannah	East Coast S America	Consumer Goods	1,425	1,115	1,197	1,268	1,297	1,416	1,414	1,457	1,551	1,634	1,690
Savannah	East Coast S America	Chemicals	766	1,496	1,355	1,420	1,554	2,128	2,808	3,497	5,090	7,095	9,485
Savannah	East Coast S America	High Technology	96	410	1,313	1,502	1,752	3,005	4,654	6,728	12,787	22,294	36,311
Savannah	East Coast S America	Intermed. Manufact.	1,994	7,646	3,264	3,267	3,422	3,896	4,227	4,490	4,982	5,418	5,779
Savannah	East Coast S America	Capital Equipment	769	1,202	445	460	479	576	635	677	780	905	1,050
Savannah	East Coast S America	Motor Vehicles	370	545	1,649	1,762	1,902	2,740	3,121	3,252	3,115	2,653	2,202

Destination	Origin	Product Group	1995	2000	2003	2004	2005	2010	2015	2020	2030	2040	2050
Savannah	Eastern Europe	All Commodities	5,958	2,346	5,736	5,589	5,646	6,788	7,616	8,418	10,012	11,718	13,770
Savannah	Eastern Europe	Agriculture	30	42	424	414	417	410	391	341	272	191	117
Savannah	Eastern Europe	Extractive	0	3	0	0	0	0	0	0	0	0	0
Savannah	Eastern Europe	Food	51	77	35	33	33	31	27	23	17	13	10
Savannah	Eastern Europe	Materials	517	968	849	771	758	956	1,068	1,137	1,250	1,329	1,348
Savannah	Eastern Europe	Consumer Goods	82	230	214	220	239	279	288	294	309	327	346
Savannah	Eastern Europe	Chemicals	537	117	214	214	229	306	385	465	659	943	1,355
Savannah	Eastern Europe	High Technology	22	80	52	56	64	98	128	161	250	376	547
Savannah	Eastern Europe	Intermed. Manufact.	2,589	521	2,159	2,159	2,213	2,475	2,524	2,551	2,364	1,947	1,483
Savannah	Eastern Europe	Capital Equipment	1,946	259	150	163	174	233	279	332	470	659	912
Savannah	Eastern Europe	Motor Vehicles	184	49	1,639	1,558	1,520	2,001	2,527	3,113	4,420	5,933	7,653
Savannah	India	All Commodities	3,293	19,932	18,788	19,036	19,758	24,231	27,346	29,988	35,812	42,182	47,686
Savannah	India	Agriculture	308	335	126	126	124	120	116	55	50	47	44
Savannah	India	Extractive	9	10	5	5	5	7	6	5	3	2	1
Savannah	India	Food	17	218	245	241	244	288	315	343	398	442	467
Savannah	India	Materials	1,288	7,406	7,576	7,616	8,016	9,800	10,960	12,052	14,619	17,593	19,708
Savannah	India	Consumer Goods	484	7,747	7,045	7,199	7,454	9,277	10,719	11,850	13,960	15,954	17,697
Savannah	India	Chemicals	203	726	513	533	550	606	623	616	597	571	538
Savannah	India	High Technology	50	101	180	200	231	376	458	553	785	1,088	1,478
Savannah	India	Intermed. Manufact.	765	2,879	2,001	2,057	2,138	2,603	2,890	3,172	3,859	4,732	5,786
Savannah	India	Capital Equipment	40	468	1,038	1,007	945	1,100	1,204	1,291	1,499	1,721	1,941
Savannah	India	Motor Vehicles	129	42	58	52	51	55	54	50	42	34	27
Savannah	Middle East	All Commodities	5,054	7,443	11,162	11,556	12,109	14,294	15,083	15,748	16,981	18,120	19,156
Savannah	Middle East	Agriculture	132	134	21	22	23	22	21	20	18	16	15
Savannah	Middle East	Extractive	18	42	4	4	3	3	3	2	1	1	0
Savannah	Middle East	Food	24	85	53	51	51	43	33	25	16	10	7
Savannah	Middle East	Materials	95	2,050	2,059	2,173	2,146	2,125	1,970	1,885	1,770	1,710	1,690
Savannah	Middle East	Consumer Goods	448	1,284	876	938	986	1,274	1,384	1,538	1,850	2,155	2,423
Savannah	Middle East	Chemicals	2,944	987	2,401	2,302	2,320	2,279	2,161	2,031	1,864	1,765	1,681
Savannah	Middle East	High Technology	24	42	43	46	51	75	92	111	155	214	288
Savannah	Middle East	Intermed. Manufact.	1,011	2,474	3,934	4,070	4,326	5,227	5,831	6,347	7,304	8,191	8,931
Savannah	Middle East	Capital Equipment	36	345	623	674	751	1,026	1,197	1,366	1,758	2,215	2,725
Savannah	Middle East	Motor Vehicles	322	0	1,148	1,276	1,452	2,221	2,390	2,424	2,245	1,844	1,396
Savannah	Mediterranean	All Commodities	4,501	7,893	15,414	16,070	17,465	21,689	24,887	28,032	36,154	46,437	58,404
Savannah	Mediterranean	Agriculture	2	110	105	112	125	170	190	166	190	213	235
Savannah	Mediterranean	Extractive	30	338	313	281	282	305	304	302	299	299	301
Savannah	Mediterranean	Food	786	1,379	1,239	1,314	1,423	2,087	2,740	3,441	5,077	7,001	9,186
Savannah	Mediterranean	Materials	859	1,579	5,313	5,559	6,116	7,260	7,879	8,387	9,767	11,376	12,519
Savannah	Mediterranean	Consumer Goods	365	1,045	1,929	2,091	2,308	2,598	3,122	3,635	4,933	6,675	9,073
Savannah	Mediterranean	Chemicals	1,370	338	1,626	1,422	1,287	1,042	704	457	203	96	46
Savannah	Mediterranean	High Technology	46	100	176	198	226	376	478	589	861	1,217	1,673
Savannah	Mediterranean	Intermed. Manufact.	770	1,982	3,355	3,702	4,230	5,830	7,115	8,426	11,631	15,742	20,847
Savannah	Mediterranean	Capital Equipment	183	463	982	988	1,038	1,374	1,569	1,758	2,198	2,732	3,365
Savannah	Mediterranean	Motor Vehicles	90	558	375	404	431	648	786	871	994	1,086	1,161

Destination	Origin	Product Group	1995	2000	2003	2004	2005	2010	2015	2020	2030	2040	2050
Savannah	North America	All Commodities	1,268	286	384	409	436	541	618	698	888	1,107	1,341
Savannah	North America	Agriculture	343	0	85	93	102	118	123	130	140	148	152
Savannah	North America	Extractive	81	11	8	8	8	8	8	8	8	8	9
Savannah	North America	Food	0	0	17	19	22	36	47	59	76	85	86
Savannah	North America	Materials	6	0	0	0	0	0	0	0	0	0	0
Savannah	North America	Consumer Goods	0	8	0	0	0	0	0	0	0	0	0
Savannah	North America	Chemicals	815	0	191	197	203	227	256	281	351	423	469
Savannah	North America	High Technology	6	61	82	90	100	149	182	218	310	440	622
Savannah	North America	Intermed. Manufact.	17	0	0	0	0	0	0	0	0	0	0
Savannah	North America	Capital Equipment	0	3	1	1	1	1	1	1	1	1	1
Savannah	North America	Motor Vehicles	0	203	1	1	1	1	1	1	1	2	2
Savannah	NE Asia	All Commodities	105,028	207,498	365,781	376,948	410,597	594,678	738,304	899,142	1,330,929	1,938,178	2,726,954
Savannah	NE Asia	Agriculture	108	99	443	429	437	476	497	432	486	551	612
Savannah	NE Asia	Extractive	2	24	4	4	3	2	1	1	0	0	0
Savannah	NE Asia	Food	1,228	1,858	3,101	2,923	3,067	3,350	3,445	3,558	3,798	4,015	4,110
Savannah	NE Asia	Materials	8,809	9,354	24,184	24,528	26,234	33,607	38,341	41,518	49,770	60,836	74,893
Savannah	NE Asia	Consumer Goods	26,792	72,741	162,769	163,680	176,545	246,840	284,544	329,170	442,792	584,486	746,116
Savannah	NE Asia	Chemicals	9,646	17,035	18,038	17,883	18,419	20,347	21,641	22,564	24,921	27,826	30,636
Savannah	NE Asia	High Technology	23,721	39,088	43,160	45,731	50,628	83,659	114,101	147,085	229,137	334,701	463,035
Savannah	NE Asia	Intermed. Manufact.	19,182	34,051	61,404	63,900	70,510	103,954	141,524	184,656	310,084	507,646	790,950
Savannah	NE Asia	Capital Equipment	12,990	25,842	42,104	46,424	52,034	82,079	107,285	136,154	217,570	340,827	507,888
Savannah	NE Asia	Motor Vehicles	2,549	7,406	10,573	11,445	12,719	20,364	26,924	34,005	52,370	77,291	108,715
Savannah	North Europe	All Commodities	32,024	61,854	59,298	61,148	65,845	86,019	99,397	111,930	143,041	183,424	232,898
Savannah	North Europe	Agriculture	284	1,880	870	815	787	870	817	699	534	353	189
Savannah	North Europe	Extractive	457	221	64	57	51	56	39	26	14	10	9
Savannah	North Europe	Food	5,238	9,845	7,604	7,889	8,526	8,662	8,444	8,313	8,108	7,820	7,369
Savannah	North Europe	Materials	3,459	5,800	4,371	4,076	4,021	4,217	4,186	4,161	4,220	4,291	4,191
Savannah	North Europe	Consumer Goods	5,752	6,240	7,550	7,951	8,375	10,131	11,511	12,677	15,461	19,076	23,379
Savannah	North Europe	Chemicals	5,136	7,556	10,654	10,825	11,770	16,764	19,621	21,920	29,436	41,926	59,447
Savannah	North Europe	High Technology	1,205	1,455	2,298	2,353	2,582	3,837	4,854	5,953	8,698	12,335	17,049
Savannah	North Europe	Intermed. Manufact.	4,757	10,974	10,729	11,224	12,279	15,564	18,574	21,676	29,393	39,513	52,417
Savannah	North Europe	Capital Equipment	4,195	12,937	9,437	10,261	11,480	15,301	17,747	20,410	26,634	33,778	41,294
Savannah	North Europe	Motor Vehicles	1,541	4,947	5,721	5,698	5,972	10,617	13,604	16,096	20,543	24,323	27,554
Savannah	Oceania	All Commodities	79	3,475	9,848	9,209	10,026	15,636	20,457	25,638	38,899	57,824	82,857
Savannah	Oceania	Agriculture	1	135	333	314	328	346	352	334	276	177	91
Savannah	Oceania	Extractive	1	24	22	23	23	27	30	31	35	39	43
Savannah	Oceania	Food	2	2,289	5,283	4,774	5,205	8,811	11,972	15,496	24,381	37,268	54,799
Savannah	Oceania	Materials	1	254	1,509	1,379	1,420	1,803	2,137	2,452	3,172	4,074	5,197
Savannah	Oceania	Consumer Goods	0	10	87	98	107	170	214	263	388	553	749
Savannah	Oceania	Chemicals	2	278	545	576	635	706	717	726	743	759	771
Savannah	Oceania	High Technology	26	64	136	141	158	251	304	359	485	641	843
Savannah	Oceania	Intermed. Manufact.	0	110	480	433	480	642	799	834	815	763	714
Savannah	Oceania	Capital Equipment	4	306	1,170	1,208	1,418	2,420	3,260	4,205	6,904	10,762	15,571
Savannah	Oceania	Motor Vehicles	43	4	282	265	252	460	673	936	1,699	2,789	4,079

Destination	Origin	Product Group	1995	2000	2003	2004	2005	2010	2015	2020	2030	2040	2050
Savannah	Europe, Other	All Commodities	664	5,075	3,520	3,275	3,260	3,932	4,379	4,822	5,943	7,265	8,668
Savannah	Europe, Other	Agriculture	0	3,724	772	720	757	852	948	1,037	1,209	1,318	1,310
Savannah	Europe, Other	Extractive	64	2	2	2	2	2	2	1	1	0	0
Savannah	Europe, Other	Food	4	14	8	10	11	14	19	25	40	58	76
Savannah	Europe, Other	Materials	223	557	1,764	1,565	1,435	1,669	1,739	1,818	2,060	2,314	2,469
Savannah	Europe, Other	Consumer Goods	72	99	12	12	12	13	14	13	10	8	8
Savannah	Europe, Other	Chemicals	144	37	64	62	61	56	47	38	26	18	13
Savannah	Europe, Other	High Technology	2	33	21	21	24	33	40	48	68	91	118
Savannah	Europe, Other	Intermed. Manufact.	135	380	328	313	330	356	372	370	367	363	357
Savannah	Europe, Other	Capital Equipment	18	226	476	491	541	829	1,080	1,344	2,020	2,935	4,144
Savannah	Europe, Other	Motor Vehicles	2	4	73	79	88	109	119	127	143	158	172
Savannah	SE Asia	All Commodities	18,720	51,096	77,345	78,517	82,238	101,932	113,932	125,975	152,648	181,613	210,897
Savannah	SE Asia	Agriculture	71	716	1,146	1,158	1,209	1,225	1,240	1,249	1,363	1,529	1,735
Savannah	SE Asia	Extractive	0	1	3	3	3	4	4	5	5	6	6
Savannah	SE Asia	Food	1,032	2,507	3,329	3,403	3,572	4,356	5,096	5,816	7,333	8,985	10,629
Savannah	SE Asia	Materials	1,441	6,280	7,056	6,892	7,025	7,317	7,525	7,828	8,142	8,018	7,319
Savannah	SE Asia	Consumer Goods	4,462	19,653	34,240	34,835	36,533	45,716	50,015	54,310	63,605	73,535	84,324
Savannah	SE Asia	Chemicals	1,117	1,551	6,023	6,376	6,874	8,391	10,101	11,438	14,521	18,168	22,064
Savannah	SE Asia	High Technology	8,972	14,039	14,150	14,176	14,528	18,300	20,545	23,280	29,739	37,376	45,803
Savannah	SE Asia	Intermed. Manufact.	1,030	3,914	6,518	6,519	6,980	9,054	10,215	11,224	13,031	14,183	14,075
Savannah	SE Asia	Capital Equipment	496	2,291	3,721	3,983	4,241	6,014	7,455	8,983	12,921	17,836	23,100
Savannah	SE Asia	Motor Vehicles	98	144	1,158	1,171	1,275	1,555	1,735	1,841	1,988	1,977	1,840
Savannah	West Coast S America	All Commodities	2,556	1,290	2,745	2,756	2,831	3,187	3,398	3,611	4,067	4,540	4,984
Savannah	West Coast S America	Agriculture	1,816	101	873	869	894	975	999	1,014	1,052	1,091	1,128
Savannah	West Coast S America	Extractive	2	6	39	40	41	47	52	56	64	73	81
Savannah	West Coast S America	Food	57	167	935	932	933	1,022	1,097	1,191	1,384	1,572	1,766
Savannah	West Coast S America	Materials	305	218	143	130	127	143	154	166	189	213	240
Savannah	West Coast S America	Consumer Goods	38	285	229	229	238	265	284	303	338	370	399
Savannah	West Coast S America	Chemicals	192	214	39	37	38	39	38	33	20	10	4
Savannah	West Coast S America	High Technology	6	7	27	29	33	49	61	73	103	140	188
Savannah	West Coast S America	Intermed. Manufact.	24	216	407	434	469	573	627	676	781	888	941
Savannah	West Coast S America	Capital Equipment	117	53	44	45	47	54	58	61	66	70	74
Savannah	West Coast S America	Motor Vehicles	0	24	9	10	11	20	29	40	70	112	163

Table 24. TEUs of Exports from Savannah Harbor by World Trade Route and Commodity Groups: 1995 - 2050 (selected years)

Origin	Destination	Product Group	1995	2000	2003	2004	2005	2010	2015	2020	2030	2040	2050
USA	World	All Commodities	5,717,411	5,222,689	6,552,904	6,793,201	6,890,924	7,592,271	8,246,429	9,186,147	12,285,625	18,890,848	32,117,631
USA	Percent Change	All Commodities	NA	-1.79%	7.86%	3.67%	1.44%	1.96%	1.67%	2.18%	2.95%	4.40%	5.45%
Savannah	World	All Commodities	227,918	260,437	388,361	406,627	408,991	420,447	442,855	488,149	637,739	945,571	1,543,369
Savannah	Percent Change	All Commodities	NA	2.70%	14.25%	4.70%	0.58%	0.55%	1.04%	1.97%	2.71%	4.02%	5.02%
Savannah	Africa	All Commodities	2,210	2,479	1,725	1,714	1,706	1,765	1,785	1,853	2,205	3,227	5,610
Savannah	Africa	Agriculture	18	67	156	157	152	165	164	173	176	180	186
Savannah	Africa	Extractive	0	0	0	0	0	0	0	0	0	0	0
Savannah	Africa	Food	67	736	80	80	78	72	60	53	43	35	29
Savannah	Africa	Materials	365	230	105	100	93	89	87	86	95	104	124
Savannah	Africa	Consumer Goods	7	85	47	47	49	59	68	79	109	153	219
Savannah	Africa	Chemicals	121	595	532	515	500	433	370	315	231	193	170
Savannah	Africa	High Technology	59	87	85	88	92	120	152	194	412	1,181	3,228
Savannah	Africa	Intermed. Manufact.	26	69	256	259	261	232	202	176	133	99	73
Savannah	Africa	Capital Equipment	664	451	180	176	184	224	261	296	405	575	795
Savannah	Africa	Motor Vehicles	883	158	283	290	297	371	420	479	601	706	786
Savannah	Central America	All Commodities	10,493	3,047	14,284	15,206	15,648	17,665	19,683	22,286	32,946	60,967	121,000
Savannah	Central America	Agriculture	94	4	552	573	594	674	707	733	769	798	822
Savannah	Central America	Extractive	0	0	0	0	0	0	0	0	0	0	0
Savannah	Central America	Food	799	196	693	751	802	1,102	1,262	1,414	1,740	2,086	2,442
Savannah	Central America	Materials	4,773	1,335	9,942	10,703	10,990	12,132	13,211	14,321	16,823	19,769	23,213
Savannah	Central America	Consumer Goods	1,528	111	423	425	426	428	425	425	423	420	412
Savannah	Central America	Chemicals	1,150	233	770	770	760	714	670	622	551	482	414
Savannah	Central America	High Technology	696	644	803	853	909	1,293	1,914	3,058	10,194	33,740	88,425
Savannah	Central America	Intermed. Manufact.	990	454	820	843	868	998	1,169	1,382	2,097	3,296	4,867
Savannah	Central America	Capital Equipment	302	64	197	199	201	207	205	202	202	207	216
Savannah	Central America	Motor Vehicles	161	7	85	88	96	117	122	129	148	168	190
Savannah	East Coast S America	All Commodities	27,164	31,424	9,965	10,572	10,652	11,764	12,689	13,874	16,541	19,613	23,349
Savannah	East Coast S America	Agriculture	666	1,918	438	451	461	513	528	573	592	602	605
Savannah	East Coast S America	Extractive	0	0	0	0	0	0	0	0	0	0	0
Savannah	East Coast S America	Food	1,381	2,021	59	63	66	89	94	98	105	109	108
Savannah	East Coast S America	Materials	10,805	10,414	4,347	4,556	4,499	4,501	4,475	4,802	5,685	6,673	7,775
Savannah	East Coast S America	Consumer Goods	1,075	473	140	151	154	175	189	200	220	239	257
Savannah	East Coast S America	Chemicals	5,505	8,372	2,577	2,743	2,805	3,283	3,764	4,257	5,375	6,742	8,386
Savannah	East Coast S America	High Technology	1,663	1,661	889	981	1,021	1,322	1,601	1,810	2,269	2,841	3,716
Savannah	East Coast S America	Intermed. Manufact.	3,405	2,194	415	444	452	512	567	611	702	797	901
Savannah	East Coast S America	Capital Equipment	2,314	3,733	712	750	761	847	894	913	938	951	960
Savannah	East Coast S America	Motor Vehicles	349	637	388	435	435	521	577	611	655	660	640

Origin	Destination	Product Group	1995	2000	2003	2004	2005	2010	2015	2020	2030	2040	2050
Savannah	Eastern Europe	All Commodities	1,354	2,165	4,648	4,710	4,823	5,369	5,787	6,593	10,223	18,820	34,646
Savannah	Eastern Europe	Agriculture	1	51	6	6	6	6	6	6	7	7	7
Savannah	Eastern Europe	Extractive	0	0	0	0	0	0	0	0	0	0	0
Savannah	Eastern Europe	Food	429	668	1,254	1,283	1,337	1,429	1,364	1,345	1,373	1,401	1,407
Savannah	Eastern Europe	Materials	247	746	2,303	2,281	2,287	2,355	2,417	2,630	3,621	5,686	8,461
Savannah	Eastern Europe	Consumer Goods	124	26	24	25	27	35	47	66	143	288	463
Savannah	Eastern Europe	Chemicals	46	163	307	323	327	422	550	768	1,912	5,373	13,312
Savannah	Eastern Europe	High Technology	144	140	162	169	182	242	306	389	718	1,533	3,252
Savannah	Eastern Europe	Intermed. Manufact.	189	101	211	218	223	258	293	349	644	1,449	2,861
Savannah	Eastern Europe	Capital Equipment	153	98	280	295	316	423	518	637	1,067	1,874	3,069
Savannah	Eastern Europe	Motor Vehicles	23	173	101	110	119	198	286	404	738	1,209	1,814
Savannah	India	All Commodities	2,882	5,302	10,415	10,549	10,639	11,872	13,401	15,424	23,740	45,280	92,145
Savannah	India	Agriculture	351	555	2,788	3,041	3,163	4,342	5,399	6,297	8,410	10,968	13,959
Savannah	India	Extractive	0	0	0	0	0	0	0	0	0	0	0
Savannah	India	Food	18	48	65	74	81	151	270	462	1,202	2,694	5,183
Savannah	India	Materials	1,450	3,007	5,719	5,582	5,459	5,006	4,672	4,492	4,212	4,062	3,937
Savannah	India	Consumer Goods	12	147	120	123	126	159	206	280	583	1,364	3,096
Savannah	India	Chemicals	835	486	770	784	824	1,000	1,235	1,591	3,001	5,778	9,653
Savannah	India	High Technology	76	97	138	128	140	242	443	869	3,932	15,786	47,131
Savannah	India	Intermed. Manufact.	73	262	193	201	212	285	386	509	990	2,178	4,634
Savannah	India	Capital Equipment	66	686	490	484	504	589	698	833	1,313	2,354	4,458
Savannah	India	Motor Vehicles	1	14	132	133	130	98	90	93	99	96	92
Savannah	Middle East	All Commodities	6,813	9,540	7,729	7,751	7,727	7,939	8,014	8,277	8,907	9,577	10,252
Savannah	Middle East	Agriculture	57	211	121	121	122	126	121	119	120	126	134
Savannah	Middle East	Extractive	0	0	0	0	0	0	0	0	0	0	0
Savannah	Middle East	Food	1,017	1,280	1,191	1,174	1,151	1,166	1,135	1,115	1,094	1,073	1,031
Savannah	Middle East	Materials	4,038	5,696	4,090	4,091	4,020	3,900	3,772	3,870	4,161	4,504	4,873
Savannah	Middle East	Consumer Goods	294	328	429	429	441	486	517	540	579	602	599
Savannah	Middle East	Chemicals	378	561	416	421	429	454	461	459	452	442	431
Savannah	Middle East	High Technology	53	107	112	115	122	163	201	239	327	438	572
Savannah	Middle East	Intermed. Manufact.	361	493	729	746	761	823	881	929	1,017	1,099	1,173
Savannah	Middle East	Capital Equipment	494	811	516	526	546	676	785	867	1,023	1,169	1,325
Savannah	Middle East	Motor Vehicles	121	51	125	128	135	145	141	139	133	125	115
Savannah	Mediterranean	All Commodities	11,319	16,606	22,422	23,212	23,477	25,991	28,472	31,885	39,772	48,792	58,602
Savannah	Mediterranean	Agriculture	801	2,358	6,130	6,275	6,182	6,805	7,274	7,772	9,021	10,542	12,227
Savannah	Mediterranean	Extractive	0	0	0	0	0	0	0	0	0	0	0
Savannah	Mediterranean	Food	563	2,494	3,586	3,780	3,951	6,185	7,807	9,637	13,388	17,025	20,366
Savannah	Mediterranean	Materials	8,246	8,521	8,195	8,430	8,486	7,051	6,535	6,674	7,332	8,493	10,154
Savannah	Mediterranean	Consumer Goods	374	615	763	805	823	1,018	1,184	1,368	1,782	2,233	2,607
Savannah	Mediterranean	Chemicals	435	930	714	720	726	775	825	880	996	1,128	1,274
Savannah	Mediterranean	High Technology	134	170	266	283	308	367	427	494	651	839	1,068
Savannah	Mediterranean	Intermed. Manufact.	175	466	370	386	393	520	654	777	1,056	1,383	1,770
Savannah	Mediterranean	Capital Equipment	562	486	1,035	1,092	1,126	1,286	1,438	1,574	1,882	2,254	2,706
Savannah	Mediterranean	Motor Vehicles	29	566	1,364	1,441	1,481	1,983	2,327	2,710	3,663	4,894	6,432

Origin	Destination	Product Group	1995	2000	2003	2004	2005	2010	2015	2020	2030	2040	2050
Savannah	North America	All Commodities	2	2	1	1	1	2	2	2	3	4	5
Savannah	North America	Agriculture	0	0	0	0	0	0	0	0	0	0	0
Savannah	North America	Extractive	0	0	0	0	0	0	0	0	0	0	0
Savannah	North America	Food	0	0	0	0	0	0	0	0	0	0	0
Savannah	North America	Materials	0	0	0	0	0	0	0	0	0	0	0
Savannah	North America	Consumer Goods	0	0	0	0	0	0	0	0	0	0	0
Savannah	North America	Chemicals	0	0	0	0	0	0	0	0	0	0	0
Savannah	North America	High Technology	1	2	1	1	1	1	2	2	2	3	4
Savannah	North America	Intermed. Manufact.	0	0	0	0	0	0	0	0	0	0	0
Savannah	North America	Capital Equipment	0	0	0	0	0	0	0	0	0	0	0
Savannah	North America	Motor Vehicles	0	0	0	0	0	0	0	0	0	0	0
Savannah	NE Asia	All Commodities	84,816	91,920	204,634	212,565	213,429	214,163	219,054	237,166	295,356	401,199	588,497
Savannah	NE Asia	Agriculture	4,037	5,582	37,477	40,841	41,293	39,720	39,366	39,932	41,169	42,603	44,188
Savannah	NE Asia	Extractive	0	0	0	0	0	0	0	0	0	0	0
Savannah	NE Asia	Food	6,717	13,584	23,035	23,316	23,295	23,461	20,553	18,932	16,168	13,967	10,373
Savannah	NE Asia	Materials	50,433	45,944	83,801	86,234	83,727	73,055	66,644	68,282	73,821	82,300	91,304
Savannah	NE Asia	Consumer Goods	1,692	1,042	3,528	3,819	4,079	4,798	5,827	7,433	12,960	24,274	46,914
Savannah	NE Asia	Chemicals	11,764	10,957	25,443	25,463	26,343	30,763	35,553	41,797	59,535	88,628	135,667
Savannah	NE Asia	High Technology	3,006	2,602	2,937	3,180	3,423	4,636	6,059	8,008	14,638	28,018	54,913
Savannah	NE Asia	Intermed. Manufact.	3,521	8,629	17,166	17,898	18,819	23,468	29,171	34,654	51,983	83,612	142,235
Savannah	NE Asia	Capital Equipment	3,267	2,246	4,809	5,097	5,439	6,957	8,875	11,329	18,653	31,795	57,328
Savannah	NE Asia	Motor Vehicles	380	1,335	6,438	6,716	7,011	7,305	7,006	6,800	6,427	6,001	5,574
Savannah	North Europe	All Commodities	43,152	57,010	60,032	63,041	64,205	62,577	64,770	69,552	80,566	93,373	106,788
Savannah	North Europe	Agriculture	1,987	3,519	1,400	1,422	1,382	1,293	1,263	1,254	1,262	1,297	1,348
Savannah	North Europe	Extractive	0	0	0	0	0	0	0	0	0	0	0
Savannah	North Europe	Food	1,227	2,294	956	942	906	745	626	547	435	357	297
Savannah	North Europe	Materials	24,970	24,925	31,558	34,075	34,974	28,794	26,962	27,825	29,853	32,390	34,645
Savannah	North Europe	Consumer Goods	783	1,065	1,472	1,523	1,547	1,561	1,560	1,609	1,727	1,833	1,896
Savannah	North Europe	Chemicals	5,630	5,039	8,269	8,034	7,771	7,303	6,785	6,239	5,369	4,580	3,898
Savannah	North Europe	High Technology	2,123	2,564	2,569	2,572	2,634	2,977	3,216	3,519	4,328	5,454	7,085
Savannah	North Europe	Intermed. Manufact.	1,776	3,054	1,481	1,496	1,515	1,624	1,726	1,813	1,989	2,167	2,327
Savannah	North Europe	Capital Equipment	3,288	4,536	5,932	6,192	6,408	6,868	7,191	7,496	8,205	9,029	9,955
Savannah	North Europe	Motor Vehicles	1,369	10,014	6,395	6,787	7,067	11,412	15,442	19,250	27,399	36,265	45,337
Savannah	Oceania	All Commodities	18,734	21,510	23,988	26,211	25,084	26,429	29,978	34,857	46,963	62,478	79,456
Savannah	Oceania	Agriculture	16	31	10	11	10	8	7	6	5	4	4
Savannah	Oceania	Extractive	0	0	0	0	0	0	0	0	0	0	0
Savannah	Oceania	Food	586	742	1,293	1,321	1,317	1,259	1,146	1,058	952	891	836
Savannah	Oceania	Materials	4,640	8,569	8,923	9,989	9,198	8,618	9,779	12,363	19,000	27,747	36,968
Savannah	Oceania	Consumer Goods	274	343	1,156	1,173	1,183	1,224	1,192	1,151	1,072	980	869
Savannah	Oceania	Chemicals	2,125	2,694	2,512	2,652	2,532	2,468	2,504	2,544	2,654	2,783	2,891
Savannah	Oceania	High Technology	373	431	471	488	496	566	624	683	841	1,049	1,315
Savannah	Oceania	Intermed. Manufact.	1,275	2,063	2,557	2,768	2,646	2,944	3,492	4,074	5,576	7,601	10,263
Savannah	Oceania	Capital Equipment	6,096	4,631	5,427	5,961	5,730	6,272	6,881	7,375	8,269	8,995	9,444
Savannah	Oceania	Motor Vehicles	3,348	2,007	1,639	1,846	1,971	3,070	4,353	5,604	8,594	12,428	16,868

Origin	Destination	Product Group	1995	2000	2003	2004	2005	2010	2015	2020	2030	2040	2050
Savannah	Europe, Other	All Commodities	68	483	48	48	49	54	58	62	70	80	90
Savannah	Europe, Other	Agriculture	0	0	0	0	0	0	0	0	0	0	0
Savannah	Europe, Other	Extractive	0	0	0	0	0	0	0	0	0	0	0
Savannah	Europe, Other	Food	0	13	0	0	0	0	0	0	1	1	1
Savannah	Europe, Other	Materials	1	0	1	1	1	1	1	1	1	1	1
Savannah	Europe, Other	Consumer Goods	9	16	0	0	0	0	0	0	0	0	0
Savannah	Europe, Other	Chemicals	4	2	0	0	0	0	0	0	0	0	0
Savannah	Europe, Other	High Technology	8	13	13	13	13	15	17	18	22	26	30
Savannah	Europe, Other	Intermed. Manufact.	13	16	2	2	2	2	2	2	1	1	0
Savannah	Europe, Other	Capital Equipment	29	15	27	27	28	28	29	29	31	33	36
Savannah	Europe, Other	Motor Vehicles	2	408	5	5	5	8	10	11	14	18	23
Savannah	SE Asia	All Commodities	10,222	13,551	21,379	23,820	24,311	26,961	30,225	35,523	58,256	119,476	254,497
Savannah	SE Asia	Agriculture	0	0	0	1,892	1,948	2,237	2,432	2,601	3,087	3,876	4,616
Savannah	SE Asia	Extractive	0	0	0	0	0	0	0	0	0	0	0
Savannah	SE Asia	Food	164	1,098	3,917	4,209	4,482	5,803	6,628	7,534	9,645	12,105	14,693
Savannah	SE Asia	Materials	6,957	7,178	8,979	8,796	8,581	7,655	7,182	7,196	7,437	7,926	8,556
Savannah	SE Asia	Consumer Goods	148	579	668	696	718	843	1,002	1,303	2,515	4,551	6,356
Savannah	SE Asia	Chemicals	153	1,013	2,256	2,323	2,395	2,729	3,080	3,599	5,999	12,837	26,506
Savannah	SE Asia	High Technology	1,077	1,021	1,235	1,346	1,453	2,099	3,100	4,807	13,696	40,887	105,168
Savannah	SE Asia	Intermed. Manufact.	277	1,297	2,277	2,355	2,423	2,754	3,145	3,537	4,459	5,515	6,437
Savannah	SE Asia	Capital Equipment	1,352	1,250	1,357	1,442	1,514	1,887	2,400	3,044	5,021	8,477	14,671
Savannah	SE Asia	Motor Vehicles	93	115	690	761	798	954	1,256	1,901	6,398	23,301	67,495
Savannah	West Coast S America	All Commodities	8,691	5,398	7,090	7,226	7,240	7,896	8,937	10,796	22,190	62,686	168,433
Savannah	West Coast S America	Agriculture	114	178	1,077	1,078	1,108	1,233	1,312	1,408	1,584	1,759	1,922
Savannah	West Coast S America	Extractive	0	0	0	0	0	0	0	0	0	0	0
Savannah	West Coast S America	Food	198	66	691	725	754	937	1,061	1,195	1,469	1,743	1,998
Savannah	West Coast S America	Materials	4,762	2,626	2,677	2,642	2,531	2,238	2,081	1,958	1,976	2,096	2,244
Savannah	West Coast S America	Consumer Goods	456	123	76	79	81	92	102	112	133	156	177
Savannah	West Coast S America	Chemicals	1,038	829	780	809	820	947	1,134	1,414	2,500	4,286	6,199
Savannah	West Coast S America	High Technology	590	706	687	743	791	1,181	1,861	3,217	12,809	50,702	153,725
Savannah	West Coast S America	Intermed. Manufact.	1,002	636	752	782	786	851	914	963	1,024	1,023	977
Savannah	West Coast S America	Capital Equipment	470	152	254	263	264	290	316	342	406	481	560
Savannah	West Coast S America	Motor Vehicles	62	83	96	105	106	129	155	188	289	441	631

3.82 percent between 2010 and 2015, and growing thereafter at an average annual rate of slightly more than 3 percent between 2015 and 2050. By 2010, the largest trade will be North East Asia (0.594 million TEUs), followed by South East Asia (0.101 million TEUs) and North Europe (0.086 million TEUs). Between 2003 and 2010, total import TEUs from North East Asia will grow nearly two-thirds (0.594/0.365 = 1.63), while total import TEUs from South East Asia will grow nearly one-third (0.101/0.077 = 1.31) and total import TEUs from North Europe will grow 50 percent (0.087/0.059 = 1.46).

The predominant trade regions for Savannah Harbor total export TEUs (Table 24) in 2003 (0.388 million TEUs) are North East Asia (0.204 million TEUs) and North Europe (0.060 million TEUs). The leading commodity groups for Savannah Harbor total export TEUs in 2003 to North East Asia are Materials (0.083 million TEUs) and Agriculture (0.037 million TEUs). The leading commodity group for Savannah Harbor total export TEUs in 2003 to North Europe is Materials (0.031 million TEUs).

Savannah Harbor total export TEUs (all commodities) are expected to grow 4.70 percent between 2003 and 2004 and 0.58 percent between 2004 and 2005, then at an average annual rate of 0.55 percent between 2005 and 2010 and 1.04 percent between 2010 and 2015, and growing thereafter at an average annual rate of 1.97 percent between 2015 and 2020, 2.71 percent between 2020 and 2030, 4.02 percent between 2030 and 2040, and 5.02 percent between 2040 and 2050. As a result of slow growth of export TEUs after 2004, the trade picture will be largely unchanged by 2010 and during ensuing periods. For example, by 2010 the largest trade measured in TEUs will be North East Asia (0.214 million TEUs), followed by North Europe (0.062 million TEUs). Between 2003 and 2010, total export TEUs to North East Asia will grow five percent (0.214/0.204 = 1.05), and total export TEUs to Europe will grow three percent (0.062/0.060 = 1.03).

VII. CONCLUSIONS

Trade in liner-type products through Savannah Harbor has grown strongly over the past three years as new trade lanes were established. The West Coast dock strike and the slower economic growth in the United States contributed to this resurgence. The West Coast strike prompted shippers to diversify cargo destinations.

The recession may have been another factor. In the period when trade grew strongly (late 1990s through mid-2001), demand for a rapid flow of goods from Asia was the greatest. As the economy slowed, the all-water route to the East Coast became a lower-cost and acceptable alternative. This benefited the East Coast ports, especially in the South.

As can be seen in Figure 4, Savannah Harbor is projected to lose export share to Charleston, primarily because of the slow growth forecast for exports of Materials (mainly textiles, but also wood and paper products). Towards the end of the period, the export gap between Savannah and Charleston is expected to be nearly closed. As can be seen in Figure 5, Savannah Harbor is expected to slightly reduce its market share import gap with Charleston. After 2010, growth in TEU imports for Savannah and Charleston is projected to be the same. The gap will persist over the forecast period because Charleston has a larger inflow.

Figure 4. Exports -- Savannah Compared to Charleston

Figure 5. Imports -- Savannah Compared to Charleston

Appendix A

IMPORTS AND EXPORTS TO/FROM U.S. SOUTH ATLANTIC COAST PORTS, BY WORLD TRADE ROUTES

Table A-1. Metric Tonnes of Imports to US South Atlantic Coast Ports and Other Coasts, by World Trade Route, for All Commodties: 1995 - 2050 (selected years)

Destination	Origin	Product Group	1995	2000	2003	2004	2005	2010	2015	2020	2030	2040	2050
USA	World	All Commodities	349,618,044	480,643,870	523,345,733	572,541,999	609,407,813	732,752,219	807,862,915	870,072,437	1,028,642,640	1,237,230,419	1,503,326,524
USA	Percent Change	All Commodities	NA	6.57%	2.88%	9.40%	6.44%	3.76%	1.97%	1.49%	1.69%	1.86%	1.97%
Savannah	World	All Commodities	5,584,624	8,605,861	11,107,024	11,896,397	12,662,126	15,399,479	17,335,371	19,362,813	24,908,258	32,474,072	41,380,610
Savannah	Percent Change	All Commodities	NA	9.03%	8.88%	7.11%	6.44%	3.99%	2.40%	2.24%	2.55%	2.69%	2.45%
Savannah	Africa	All Commodities	50,629	53,216	34,740	36,457	37,956	42,317	43,103	43,367	45,321	48,755	53,381
Savannah	Central America	All Commodities	623,681	592,215	1,668,524	1,800,077	1,871,933	2,142,177	2,302,367	2,430,646	2,711,773	3,032,082	3,371,231
Savannah	East Coast S America	All Commodities	1,543,543	2,451,715	2,957,043	3,243,541	3,448,048	3,634,015	3,666,660	3,660,397	3,787,047	4,059,661	4,433,359
Savannah	Eastern Europe	All Commodities	431,784	360,401	249,838	269,329	297,586	479,272	754,779	1,145,930	2,385,923	4,270,839	6,504,645
Savannah	India	All Commodities	38,573	140,771	153,994	163,743	174,548	230,900	274,203	315,670	417,559	543,630	674,498
Savannah	Middle East	All Commodities	9,601	25,607	31,473	34,529	36,807	48,255	57,835	70,297	103,936	152,293	217,628
Savannah	Mediterranean	All Commodities	234,311	382,364	392,276	410,045	450,682	532,561	572,071	619,018	744,713	917,857	1,148,693
Savannah	North America	All Commodities	771,668	712,083	745,632	770,536	760,732	730,113	691,503	659,821	649,153	712,774	863,130
Savannah	NE Asia	All Commodities	999,213	1,858,395	2,747,031	2,925,210	3,202,187	4,584,018	5,632,347	6,745,261	9,569,560	13,169,934	17,160,532
Savannah	North Europe	All Commodities	496,009	1,083,685	1,109,766	1,199,026	1,287,276	1,664,448	1,914,898	2,139,107	2,737,493	3,574,644	4,658,374
Savannah	Oceania	All Commodities	85,347	64,271	178,980	176,305	188,878	246,126	280,178	309,775	385,286	501,259	680,403
Savannah	Europe, Other	All Commodities	9,711	57,208	40,318	38,956	39,496	42,372	43,784	44,570	44,660	42,385	40,191
Savannah	SE Asia	All Commodities	248,912	722,583	639,328	666,594	698,683	823,911	875,821	925,296	1,012,402	1,071,159	1,129,297
Savannah	West Coast S America	All Commodities	41,642	101,347	158,081	162,047	167,315	198,991	225,820	253,658	313,431	376,803	445,248
Charleston	World	All Commodities	4,097,103	7,434,344	9,960,208	10,697,651	11,600,373	15,145,150	17,879,077	20,549,886	27,184,692	35,637,899	45,562,525
Charleston	Percent Change	All Commodities	NA	12.66%	10.24%	7.40%	8.44%	5.48%	3.37%	2.82%	2.84%	2.74%	2.49%
Charleston	Africa	All Commodities	44,346	69,857	139,757	148,828	155,931	181,810	202,183	223,211	277,052	342,400	412,213
Charleston	Central America	All Commodities	38,768	149,217	231,806	251,211	264,712	305,467	334,559	359,608	417,082	486,202	565,545
Charleston	East Coast S America	All Commodities	926,143	1,271,197	2,325,682	2,586,504	2,872,600	3,762,052	4,645,920	5,473,302	7,391,875	9,699,711	12,337,940
Charleston	Eastern Europe	All Commodities	77,151	387,749	578,100	611,610	651,498	875,436	1,105,527	1,386,947	2,242,633	3,486,794	4,933,587
Charleston	India	All Commodities	179,330	236,575	490,609	519,014	545,755	715,461	855,377	980,062	1,287,192	1,657,504	2,052,894
Charleston	Middle East	All Commodities	10,356	21,626	47,713	53,123	56,267	73,463	83,964	99,202	141,652	203,085	281,869
Charleston	Mediterranean	All Commodities	312,625	551,096	615,208	684,556	767,986	1,051,037	1,239,923	1,432,974	1,905,965	2,517,733	3,290,967
Charleston	North America	All Commodities	319,254	409,909	287,956	294,242	286,193	261,187	234,319	210,846	185,566	186,451	213,392
Charleston	NE Asia	All Commodities	484,284	942,972	1,177,619	1,248,655	1,359,378	1,939,860	2,391,375	2,871,599	4,112,131	5,749,637	7,691,269
Charleston	North Europe	All Commodities	1,085,060	1,949,477	2,262,347	2,408,307	2,592,197	3,277,009	3,730,334	4,163,245	5,323,561	6,979,599	9,201,662
Charleston	Oceania	All Commodities	290,230	171,046	498,321	483,504	501,561	632,687	724,924	788,773	925,951	1,087,938	1,286,671
Charleston	Europe, Other	All Commodities	33,707	89,253	146,284	146,285	151,337	177,810	199,227	220,184	268,883	321,444	371,479
Charleston	SE Asia	All Commodities	227,697	740,122	276,519	286,495	298,293	354,452	382,835	411,816	469,842	522,228	575,029
Charleston	West Coast S America	All Commodities	68,153	444,248	882,286	975,319	1,096,664	1,537,419	1,748,609	1,928,117	2,235,308	2,397,172	2,348,010

Destination	Origin	Product Group	1995	2000	2003	2004	2005	2010	2015	2020	2030	2040	2050
Jacksonville	World	All Commodities	9,061,850	14,263,647	18,204,602	19,497,047	20,494,894	24,079,236	27,153,394	30,630,275	40,439,603	54,232,906	70,450,496
Jacksonville	Percent Change	All Commodities	NA	9.50%	8.47%	7.10%	5.12%	3.28%	2.43%	2.44%	2.82%	2.98%	2.65%
Jacksonville	Africa	All Commodities	25,292	81,508	92,174	102,796	107,347	105,763	109,135	115,034	133,165	161,332	199,183
Jacksonville	Central America	All Commodities	2,539,743	2,898,715	4,039,526	4,388,739	4,568,814	5,182,920	5,622,769	5,979,947	6,786,965	7,698,729	8,654,290
Jacksonville	East Coast S America	All Commodities	1,597,217	3,048,714	3,768,209	4,113,020	4,381,657	5,385,628	6,159,684	6,893,666	8,700,876	11,192,200	14,431,770
Jacksonville	Eastern Europe	All Commodities	784,809	839,880	1,105,694	1,204,662	1,340,680	2,173,088	3,497,107	5,449,423	11,606,722	20,941,315	31,987,532
Jacksonville	India	All Commodities	5,297	7,606	45,885	52,820	61,141	100,667	137,411	177,971	286,944	442,998	644,974
Jacksonville	Middle East	All Commodities	2,299	2,101	3,509	3,692	3,963	5,795	8,391	11,844	21,465	35,582	54,838
Jacksonville	Mediterranean	All Commodities	330,168	218,985	565,752	630,050	700,286	865,965	964,457	1,056,980	1,259,373	1,492,763	1,766,011
Jacksonville	North America	All Commodities	961,950	2,148,726	2,778,415	2,878,973	2,809,147	2,579,958	2,296,029	2,003,544	1,632,755	1,491,605	1,545,815
Jacksonville	NE Asia	All Commodities	451,961	799,965	723,941	772,383	836,977	1,186,682	1,458,956	1,740,898	2,418,572	3,250,043	4,180,473
Jacksonville	North Europe	All Commodities	714,520	885,531	1,307,199	1,355,225	1,394,275	1,506,002	1,545,594	1,555,573	1,574,304	1,599,366	1,638,546
Jacksonville	Oceania	All Commodities	36,087	25,071	36,939	34,861	34,748	38,781	41,769	44,527	50,222	56,623	64,263
Jacksonville	Europe, Other	All Commodities	862	8,257	53,896	54,403	59,084	80,504	104,666	127,169	180,055	243,309	317,460
Jacksonville	SE Asia	All Commodities	66,904	743,314	177,147	189,268	211,864	331,622	384,301	432,447	499,625	507,292	474,134
Jacksonville	West Coast S America	All Commodities	1,544,741	2,555,275	3,506,317	3,716,156	3,984,913	4,535,862	4,823,126	5,041,250	5,288,560	5,119,750	4,491,206
Miami	World	All Commodities	5,270,227	7,275,991	8,966,361	9,662,011	10,439,979	13,257,224	15,496,766	17,811,726	24,200,574	33,310,833	44,912,039
Miami	Percent Change	All Commodities	NA	6.66%	7.21%	7.76%	8.05%	4.89%	3.17%	2.82%	3.11%	3.25%	3.03%
Miami	Africa	All Commodities	2,315	16,262	33,651	36,689	38,587	41,694	45,901	50,330	59,261	70,009	83,815
Miami	Central America	All Commodities	832,674	1,001,291	1,156,259	1,209,140	1,254,480	1,403,495	1,542,416	1,669,493	1,982,267	2,370,156	2,860,244
Miami	East Coast S America	All Commodities	2,447,231	1,953,677	2,080,257	2,149,540	2,198,126	2,282,039	2,348,938	2,408,935	2,529,584	2,652,188	2,762,303
Miami	Eastern Europe	All Commodities	7,269	106,878	317,477	348,742	394,792	699,969	1,170,686	1,828,000	3,961,822	7,270,939	11,210,943
Miami	India	All Commodities	16,519	31,223	45,542	48,834	52,239	70,212	84,516	97,894	133,435	179,464	229,167
Miami	Middle East	All Commodities	7,809	6,279	12,143	12,983	13,833	16,954	20,136	24,442	36,683	55,157	81,070
Miami	Mediterranean	All Commodities	494,473	1,175,247	1,639,416	1,853,749	2,116,269	2,912,114	3,354,847	3,797,179	4,862,464	6,234,882	8,000,562
Miami	North America	All Commodities	34,000	62,450	135,135	141,489	142,089	148,287	150,310	153,938	154,616	152,215	143,354
Miami	NE Asia	All Commodities	269,852	470,200	715,012	756,794	826,601	1,195,572	1,522,268	1,868,216	2,751,271	3,898,307	5,260,880
Miami	North Europe	All Commodities	639,877	1,665,034	1,964,503	2,198,323	2,458,632	3,370,567	4,023,399	4,574,946	6,201,234	8,766,979	12,525,333
Miami	Oceania	All Commodities	605	4,779	28,688	29,101	30,632	39,409	51,160	64,323	97,890	142,972	200,055
Miami	Europe, Other	All Commodities	4,955	19,486	32,682	35,692	39,635	35,528	35,417	35,975	37,714	39,229	40,572
Miami	SE Asia	All Commodities	101,556	240,224	201,691	210,408	218,728	255,309	271,844	290,830	328,694	362,772	396,979
Miami	West Coast S America	All Commodities	411,093	522,961	603,906	630,527	655,339	786,073	874,929	947,226	1,063,638	1,115,563	1,116,761
Wilmington	World	All Commodities	2,448,975	2,437,581	2,854,866	3,121,860	3,347,959	4,506,198	5,842,877	7,516,245	12,963,526	22,585,840	37,475,137
Wilmington	Percent Change	All Commodities	NA	-0.09%	5.41%	9.35%	7.24%	6.12%	5.33%	5.17%	5.60%	5.71%	5.19%
Wilmington	Africa	All Commodities	28,601	24,335	28,852	30,834	31,717	31,550	30,014	30,956	38,311	52,491	74,152
Wilmington	Central America	All Commodities	380,484	238,121	138,826	157,329	168,634	217,262	275,815	345,046	548,618	894,645	1,509,668
Wilmington	East Coast S America	All Commodities	605,888	240,126	899,526	1,001,891	1,070,253	1,342,087	1,646,759	2,007,195	3,016,770	4,602,478	7,105,474
Wilmington	Eastern Europe	All Commodities	164,241	250,333	289,704	312,809	336,798	447,806	560,256	666,537	870,156	969,800	979,208
Wilmington	India	All Commodities	13,557	48,869	4,335	4,763	5,179	7,478	9,797	11,212	19,001	33,819	62,714
Wilmington	Middle East	All Commodities	4,089	10,090	10,228	11,525	12,821	20,231	29,741	42,224	77,117	128,456	198,596
Wilmington	Mediterranean	All Commodities	96,595	174,962	68,789	67,828	69,884	71,174	74,247	83,420	126,430	222,423	417,278
Wilmington	North America	All Commodities	516,426	347,643	270,304	287,149	290,682	317,731	335,048	349,430	386,186	430,929	484,086
Wilmington	NE Asia	All Commodities	252,357	477,745	449,931	480,442	525,857	785,635	1,023,641	1,278,091	1,929,904	2,796,034	3,892,758
Wilmington	North Europe	All Commodities	244,235	316,567	323,385	348,379	367,790	495,908	624,603	737,238	990,011	1,228,507	1,426,945
Wilmington	Oceania	All Commodities	10,855	566	508	539	610	1,008	1,342	1,750	3,015	5,279	9,324
Wilmington	Europe, Other	All Commodities	4,857	213	10,756	11,466	13,092	22,860	38,249	61,771	146,131	298,946	566,416
Wilmington	SE Asia	All Commodities	74,474	198,467	154,501	165,828	178,173	237,941	300,800	375,370	608,155	963,366	1,471,220
Wilmington	West Coast S America	All Commodities	52,316	109,543	205,221	241,077	276,471	507,526	892,567	1,526,005	4,203,722	9,958,666	19,277,296

Destination	Origin	Product Group	1995	2000	2003	2004	2005	2010	2015	2020	2030	2040	2050
Norfolk	World	All Commodities	6,994,318	8,322,228	9,433,485	10,131,565	10,780,474	13,627,474	15,536,302	17,292,126	21,422,507	26,272,184	31,878,838
Norfolk	Percent Change	All Commodities	NA	3.54%	4.27%	7.40%	6.40%	4.80%	2.66%	2.16%	2.17%	2.06%	1.95%
Norfolk	Africa	All Commodities	99,800	72,888	83,974	86,880	90,776	105,438	112,564	119,400	137,579	160,771	187,574
Norfolk	Central America	All Commodities	350,015	173,886	102,863	111,829	116,437	129,048	135,445	138,625	147,150	158,985	175,384
Norfolk	East Coast S America	All Commodities	2,160,946	1,205,440	2,146,842	2,370,197	2,508,878	3,065,412	3,405,806	3,678,272	4,187,982	4,573,793	4,860,650
Norfolk	Eastern Europe	All Commodities	217,077	765,335	726,490	761,833	802,113	988,958	1,129,057	1,232,285	1,423,467	1,611,533	1,917,888
Norfolk	India	All Commodities	84,361	171,711	315,088	328,333	341,144	427,991	495,671	545,564	708,125	910,585	1,129,265
Norfolk	Middle East	All Commodities	6,262	15,499	23,128	25,421	26,747	33,676	36,027	39,892	49,419	61,307	74,690
Norfolk	Mediterranean	All Commodities	870,389	792,620	422,672	451,173	482,944	565,361	615,268	660,590	758,942	859,107	956,596
Norfolk	North America	All Commodities	524,235	1,335,219	1,476,153	1,648,882	1,759,909	2,392,232	2,877,566	3,340,790	4,531,116	6,190,357	8,435,852
Norfolk	NE Asia	All Commodities	320,325	699,201	1,283,559	1,357,248	1,496,083	2,205,526	2,649,452	3,120,563	4,284,839	5,651,261	7,034,729
Norfolk	North Europe	All Commodities	1,405,009	2,070,001	1,867,633	1,964,191	2,073,303	2,384,108	2,577,689	2,737,528	3,088,186	3,480,671	3,919,956
Norfolk	Oceania	All Commodities	37,125	87,903	85,253	83,357	89,357	121,371	137,679	152,078	185,398	222,051	259,592
Norfolk	Europe, Other	All Commodities	23,326	41,474	60,823	61,182	63,011	66,730	71,550	76,790	89,278	102,402	115,637
Norfolk	SE Asia	All Commodities	287,150	433,543	439,407	460,931	488,395	607,076	678,771	760,125	964,617	1,226,387	1,527,611
Norfolk	West Coast S America	All Commodities	608,298	457,507	399,601	420,109	441,377	534,546	613,757	689,623	866,408	1,062,974	1,283,414
Other N Atlantic	World	All Commodities	70,489,654	97,532,863	116,408,329	128,349,493	136,058,556	162,839,330	179,056,054	192,105,162	223,766,727	263,367,006	313,960,208
Other N Atlantic	Percent Change	All Commodities	NA	6.71%	6.07%	10.26%	6.01%	3.66%	1.92%	1.42%	1.54%	1.64%	1.77%
Other N Atlantic	Africa	All Commodities	8,254,710	7,286,306	8,517,286	9,795,179	10,681,673	13,516,639	14,258,748	14,622,853	15,581,210	16,828,537	18,326,914
Other N Atlantic	Central America	All Commodities	4,396,868	6,926,136	10,789,997	12,563,052	13,176,138	15,036,782	15,348,263	15,210,090	15,064,888	15,146,905	15,717,244
Other N Atlantic	East Coast S America	All Commodities	19,533,066	24,582,522	20,298,181	22,635,865	24,342,050	29,822,259	34,107,482	37,981,170	47,741,624	61,021,054	79,027,366
Other N Atlantic	Eastern Europe	All Commodities	1,418,390	5,772,634	8,821,535	9,859,611	10,414,524	12,467,183	13,892,917	14,789,066	15,792,158	15,920,834	16,889,006
Other N Atlantic	India	All Commodities	461,364	1,164,090	2,037,054	2,239,948	2,396,703	3,223,311	3,881,132	4,468,929	6,014,427	7,970,894	10,222,148
Other N Atlantic	Middle East	All Commodities	120,627	155,636	200,848	217,114	229,353	279,124	295,654	314,535	353,461	397,070	449,653
Other N Atlantic	Mediterranean	All Commodities	2,674,018	3,611,941	3,733,817	4,074,731	4,408,509	5,171,282	5,553,004	5,865,303	6,632,938	7,602,161	8,840,487
Other N Atlantic	North America	All Commodities	11,287,328	15,883,865	21,127,065	23,773,694	25,024,205	30,030,052	33,620,180	36,494,332	42,945,883	51,075,773	61,968,402
Other N Atlantic	NE Asia	All Commodities	4,089,421	4,500,008	5,923,700	6,261,738	6,866,681	9,598,083	11,389,342	13,063,480	16,951,602	21,075,832	24,546,670
Other N Atlantic	North Europe	All Commodities	8,645,170	15,005,898	17,520,521	19,067,090	20,124,260	23,540,380	25,765,044	27,721,529	33,594,511	41,862,678	52,458,546
Other N Atlantic	Oceania	All Commodities	1,485,281	1,105,142	1,240,692	1,237,897	1,352,942	1,931,754	2,196,597	2,451,238	3,064,161	3,768,583	4,497,186
Other N Atlantic	Europe, Other	All Commodities	72,829	185,367	282,709	292,039	309,701	349,384	375,594	401,784	473,717	568,734	683,700
Other N Atlantic	SE Asia	All Commodities	2,348,233	2,940,116	3,776,008	3,892,791	4,108,307	4,381,117	4,345,501	4,341,516	4,533,682	4,874,724	5,306,777
Other N Atlantic	West Coast S America	All Commodities	5,702,349	8,413,201	12,138,914	12,438,743	12,623,507	13,491,979	14,026,597	14,379,338	15,022,464	15,253,228	15,026,106
Gulf Coast	World	All Commodities	169,360,761	219,075,383	227,760,201	251,742,121	268,687,425	315,463,494	338,211,664	351,341,992	382,280,584	417,884,012	457,682,219
Gulf Coast	Percent Change	All Commodities	NA	5.28%	1.30%	10.53%	6.73%	3.26%	1.40%	0.76%	0.85%	0.89%	0.91%
Gulf Coast	Africa	All Commodities	9,213,839	10,928,539	12,568,896	14,518,852	15,860,678	19,977,069	21,114,919	21,616,052	23,159,278	25,179,472	27,658,032
Gulf Coast	Central America	All Commodities	52,917,087	68,997,294	79,872,280	89,099,515	94,214,187	108,783,930	115,637,196	119,052,899	127,908,838	138,580,650	150,180,002
Gulf Coast	East Coast S America	All Commodities	67,998,161	72,169,500	72,191,582	80,181,487	85,798,263	99,159,011	104,668,115	106,804,332	112,378,015	119,480,398	127,473,875
Gulf Coast	Eastern Europe	All Commodities	5,275,897	10,199,769	14,832,819	16,084,572	17,002,549	20,182,465	21,925,310	22,823,920	23,479,791	22,983,898	22,403,583
Gulf Coast	India	All Commodities	649,833	1,485,554	709,643	766,983	818,338	1,114,771	1,307,017	1,468,447	1,886,477	2,414,931	3,028,773
Gulf Coast	Middle East	All Commodities	174,248	220,375	184,595	194,029	204,818	246,958	270,055	287,898	323,138	354,935	385,430
Gulf Coast	Mediterranean	All Commodities	2,922,647	4,277,478	3,156,208	3,431,183	3,768,119	4,832,101	5,835,981	6,862,296	9,535,054	13,226,349	18,123,771
Gulf Coast	North America	All Commodities	2,751,938	2,647,087	3,122,938	3,484,569	3,630,699	4,085,714	4,126,847	4,085,284	4,117,865	4,327,449	4,762,309
Gulf Coast	NE Asia	All Commodities	5,038,945	8,778,445	6,873,904	7,215,996	7,797,304	10,016,878	11,651,827	13,114,980	16,508,872	20,383,699	24,507,301
Gulf Coast	North Europe	All Commodities	5,621,711	11,178,980	10,993,012	11,650,685	12,080,403	13,697,671	14,719,117	15,613,891	18,425,568	22,700,399	28,664,401
Gulf Coast	Oceania	All Commodities	999,627	1,831,242	1,100,776	1,217,566	1,353,417	1,858,824	2,091,007	2,258,619	2,566,822	2,790,514	2,922,599
Gulf Coast	Europe, Other	All Commodities	60,989	133,170	207,323	224,045	246,176	319,861	393,331	462,128	644,473	897,812	1,212,671
Gulf Coast	SE Asia	All Commodities	2,782,362	5,839,275	2,996,066	3,254,429	3,578,488	4,875,772	5,237,416	5,429,493	5,516,617	5,090,474	4,507,691
Gulf Coast	West Coast S America	All Commodities	12,953,476	20,388,676	18,950,158	20,418,209	22,333,986	26,312,470	29,233,528	31,461,754	35,829,777	39,473,034	41,851,780

Destination	Origin	Product Group	1995	2000	2003	2004	2005	2010	2015	2020	2030	2040	2050
South Pacific	World	All Commodities	30,906,458	59,455,989	63,563,274	68,291,377	73,216,821	93,092,965	105,363,653	116,376,480	142,655,692	173,630,179	207,249,181
South Pacific	Percent Change	All Commodities	NA	13.98%	2.25%	7.44%	7.21%	4.92%	2.51%	2.01%	2.06%	1.98%	1.79%
South Pacific	Africa	All Commodities	47,474	68,144	413,530	472,966	515,633	645,127	694,197	710,219	756,610	814,532	874,269
South Pacific	Central America	All Commodities	1,845,982	4,184,783	4,541,156	5,207,444	5,535,445	6,999,933	8,177,294	9,265,980	12,139,108	16,204,380	21,947,177
South Pacific	East Coast S America	All Commodities	3,480,712	3,717,821	3,275,388	3,593,339	3,837,565	4,525,262	4,954,928	5,160,340	5,641,703	6,222,243	6,980,725
South Pacific	Eastern Europe	All Commodities	100,191	287,191	506,096	534,764	566,688	714,304	816,937	914,521	1,154,072	1,470,380	1,945,111
South Pacific	India	All Commodities	546,626	877,934	973,349	1,026,190	1,077,951	1,339,926	1,529,749	1,688,102	2,136,330	2,719,171	3,423,462
South Pacific	Middle East	All Commodities	43,866	186,252	139,461	149,543	161,354	213,616	254,888	298,336	401,341	530,615	690,621
South Pacific	Mediterranean	All Commodities	202,621	453,175	536,907	596,651	666,737	894,443	1,063,520	1,242,784	1,713,694	2,393,782	3,363,123
South Pacific	North America	All Commodities	1,586,481	1,944,365	3,078,254	3,349,321	3,406,577	3,745,993	4,043,814	4,380,999	5,379,830	6,914,841	9,179,686
South Pacific	NE Asia	All Commodities	14,185,233	28,163,616	30,201,156	31,907,189	34,578,511	46,722,209	55,057,500	63,167,822	82,286,652	103,877,282	124,198,797
South Pacific	North Europe	All Commodities	1,545,702	2,681,421	2,347,220	2,513,098	2,699,349	3,379,848	3,887,445	4,390,486	5,673,140	7,369,408	9,542,508
South Pacific	Oceania	All Commodities	817,036	2,486,638	2,398,074	2,513,230	2,704,653	3,240,062	3,227,768	3,079,686	2,818,473	2,621,097	2,532,544
South Pacific	Europe, Other	All Commodities	21,175	46,156	87,519	96,065	107,629	112,861	124,356	136,987	167,246	199,766	227,455
South Pacific	SE Asia	All Commodities	3,420,345	8,175,876	7,612,456	8,080,914	8,679,155	10,906,077	11,748,908	12,337,655	13,151,711	13,593,791	14,261,315
South Pacific	West Coast S America	All Commodities	3,063,013	6,182,616	7,452,707	8,250,664	8,679,574	9,653,305	9,782,350	9,602,562	9,235,782	8,698,891	8,082,389
North Pacific	World	All Commodities	13,841,574	18,430,292	17,645,139	19,162,480	20,695,134	27,302,737	32,825,493	38,466,398	52,944,216	71,063,242	91,314,456
North Pacific	Percent Change	All Commodities	NA	5.89%	-1.44%	8.60%	8.00%	5.70%	3.75%	3.22%	3.25%	2.99%	2.54%
North Pacific	Africa	All Commodities	1,073	11,303	22,652	24,706	26,823	30,144	29,920	29,708	32,483	36,065	36,524
North Pacific	East Coast S America	All Commodities	395,004	1,339,253	1,942,712	2,162,797	2,319,664	2,738,519	2,905,080	2,958,044	3,184,704	3,550,181	4,024,083
North Pacific	Eastern Europe	All Commodities	21,756	153,184	152,766	156,363	165,441	206,480	231,986	247,048	265,679	265,808	269,747
North Pacific	India	All Commodities	228,626	257,901	154,834	168,781	178,990	233,388	282,560	334,340	485,227	689,722	909,948
North Pacific	Middle East	All Commodities	815	12,154	9,349	10,121	10,834	13,757	15,300	16,794	19,459	22,631	26,799
North Pacific	Mediterranean	All Commodities	10,923	11,987	17,447	18,856	20,718	28,848	35,974	43,382	63,153	90,874	128,042
North Pacific	North America	All Commodities	3,188,164	4,154,008	4,519,527	4,928,702	5,192,362	5,890,247	6,532,623	7,173,233	8,706,455	10,665,303	13,132,858
North Pacific	NE Asia	All Commodities	4,738,333	6,329,380	7,896,675	8,510,617	9,335,432	13,483,816	16,868,137	20,424,795	29,574,651	40,747,509	52,003,747
North Pacific	North Europe	All Commodities	93,786	162,468	174,507	188,245	204,395	262,555	308,499	358,231	497,587	701,200	989,983
North Pacific	Oceania	All Commodities	2,654,944	3,234,950	767,501	836,893	935,941	1,419,647	2,019,779	2,685,444	4,474,270	6,831,296	9,913,109
North Pacific	Europe, Other	All Commodities	723	5,350	1,211	1,281	1,406	1,826	2,226	2,599	3,577	4,851	6,365
North Pacific	SE Asia	All Commodities	929,971	1,178,182	831,213	873,718	940,195	1,233,187	1,371,686	1,493,154	1,680,330	1,702,192	1,613,492
North Pacific	West Coast S America	All Commodities	365,954	193,254	104,537	107,886	111,842	135,567	150,543	162,841	185,683	203,854	218,984
Alaska	World	All Commodities	603,667	1,253,731	1,013,847	1,118,397	1,218,720	1,809,025	2,554,086	3,623,504	7,830,756	17,626,301	38,574,272
Alaska	Percent Change	All Commodities	NA	15.74%	-6.83%	10.31%	8.97%	8.22%	7.14%	7.25%	8.01%	8.45%	8.15%
Alaska	Africa	All Commodities	14	15	45	52	59	98	126	157	238	348	495
Alaska	Central America	All Commodities	32,604	5,385	12,773	15,227	17,466	31,209	51,625	83,272	219,186	582,887	1,549,805
Alaska	East Coast S America	All Commodities	240	642	1,353	1,518	1,703	2,664	3,616	4,746	7,866	12,588	19,501
Alaska	Eastern Europe	All Commodities	1,796	70,098	132,921	143,179	146,767	142,452	123,500	103,102	75,274	54,664	38,668
Alaska	India	All Commodities	241	502	755	852	974	1,630	2,254	3,167	7,035	18,803	57,253
Alaska	Middle East	All Commodities	129	268	257	286	319	486	595	712	998	1,370	1,850
Alaska	Mediterranean	All Commodities	160	437	546	621	706	1,149	1,466	1,811	2,683	3,868	5,453
Alaska	North America	All Commodities	198,595	156,406	289,116	323,813	342,666	430,019	524,990	633,147	924,418	1,378,969	2,111,499
Alaska	NE Asia	All Commodities	212,552	391,222	471,422	525,258	597,486	1,068,821	1,705,741	2,641,156	6,406,345	15,338,507	34,495,681
Alaska	North Europe	All Commodities	6,227	5,970	8,471	8,885	9,833	14,930	19,041	23,699	35,832	52,001	72,629
Alaska	Oceania	All Commodities	118	346,291	35,421	36,492	37,010	35,105	29,989	24,555	16,233	10,880	8,171
Alaska	Europe, Other	All Commodities	30	210	61	63	71	110	142	177	263	377	524
Alaska	SE Asia	All Commodities	150,954	270,976	60,658	62,095	63,594	80,249	90,866	103,632	134,119	170,636	212,143
Alaska	West Coast S America	All Commodities	7	5,311	49	56	64	104	135	171	266	404	600

Destination	Origin	Product Group	1995	2000	2003	2004	2005	2010	2015	2020	2030	2040	2050
Hawaii	World	All Commodities	5,370,606	6,389,349	6,003,571	6,465,710	6,913,556	8,734,781	10,413,272	12,367,443	18,625,637	29,067,376	44,313,899
Hawaii	Percent Change	All Commodities	NA	3.53%	-2.05%	7.70%	6.93%	4.79%	3.58%	3.50%	4.18%	4.55%	4.31%
Hawaii	Africa	All Commodities	10,022	49	38,945	45,078	49,355	63,516	67,452	69,541	74,990	82,479	92,773
Hawaii	Central America	All Commodities	2,879	2,646	4,039	4,274	4,615	6,129	7,687	9,516	14,719	23,064	36,556
Hawaii	East Coast S America	All Commodities	28,775	111,460	214,036	237,686	253,737	305,439	355,951	409,403	542,177	718,892	957,455
Hawaii	Eastern Europe	All Commodities	135	772	98,476	117,121	131,714	199,449	259,413	312,066	435,094	582,999	767,295
Hawaii	India	All Commodities	637	866	2,569	3,008	3,500	6,976	12,588	22,520	76,529	267,160	922,047
Hawaii	Middle East	All Commodities	343	268	363	406	454	690	868	1,069	1,602	2,399	3,618
Hawaii	Mediterranean	All Commodities	211	557	1,438	1,642	1,874	2,938	4,027	5,433	9,901	18,173	33,641
Hawaii	North America	All Commodities	47,746	80,238	25,377	27,129	28,156	24,867	18,780	13,771	7,348	4,121	2,718
Hawaii	NE Asia	All Commodities	330,751	2,293,452	1,058,916	1,069,823	1,102,229	1,289,047	1,451,604	1,635,304	2,160,967	3,004,505	4,434,137
Hawaii	North Europe	All Commodities	6,346	12,113	16,690	17,527	18,881	26,552	31,988	38,282	56,746	86,978	136,960
Hawaii	Oceania	All Commodities	1,187,056	1,009,067	677,810	699,655	711,967	688,957	603,729	509,503	372,826	315,748	369,178
Hawaii	Europe, Other	All Commodities	30	210	63	65	73	113	146	181	271	391	551
Hawaii	SE Asia	All Commodities	3,755,645	2,877,592	3,777,242	4,144,608	4,499,546	5,949,647	7,338,055	8,949,043	13,996,348	22,035,638	32,438,695
Hawaii	West Coast S America	All Commodities	30	59	87,606	97,688	107,455	170,461	260,983	391,810	876,117	1,924,829	4,118,274

Table A-2. Metric Tonnes of Imports to US South Atlantic Coast Ports and Other Coasts, by World Trade Route, for Commodity Groups: 1995 - 2050 (selected years)

Destination	Origin	Product Group	1995	2000	2003	2004	2005	2010	2015	2020	2030	2040	2050
USA	World	Agriculture	5,999,299	7,778,296	9,429,127	9,899,717	10,437,875	11,681,153	12,744,425	13,250,701	15,424,517	17,933,671	20,676,856
Savannah	World	Agriculture	176,904	274,038	268,727	274,602	284,521	296,984	294,686	275,594	251,963	221,236	185,373
Charleston	World	Agriculture	147,297	342,436	280,576	281,585	288,810	303,308	300,022	276,485	255,184	226,977	194,638
Jacksonville	World	Agriculture	211,679	297,776	452,977	457,233	465,898	468,278	460,652	428,591	382,196	331,674	275,429
Miami	World	Agriculture	197,522	285,040	312,376	320,946	329,989	331,416	332,774	317,648	297,880	272,556	243,096
Wilmington	World	Agriculture	45,999	76,957	274,965	307,227	337,777	518,817	722,464	919,890	1,461,103	2,159,064	3,022,789
Norfolk	World	Agriculture	177,805	295,741	290,975	291,213	297,077	304,593	306,965	279,358	280,842	278,375	265,947
Other N Atlantic	World	Agriculture	1,179,184	1,739,280	2,106,602	2,144,090	2,217,053	2,364,219	2,480,500	2,431,023	2,655,871	2,903,410	3,113,548
Gulf Coast	World	Agriculture	750,093	1,152,408	1,669,583	1,682,008	1,700,145	1,677,860	1,595,079	1,432,374	1,229,460	1,060,100	890,723
South Pacific	World	Agriculture	916,591	1,427,205	1,352,713	1,399,581	1,473,342	1,612,799	1,730,013	1,718,503	1,978,180	2,296,190	2,684,005
North Pacific	World	Agriculture	533,080	1,097,935	1,728,496	1,988,679	2,246,790	2,874,545	3,501,101	4,067,674	5,273,674	6,540,619	7,872,219
Alaska	World	Agriculture	44,784	2,680	11,802	13,941	15,987	23,251	28,872	34,695	48,684	66,807	90,618
Hawaii	World	Agriculture	18,645	31,562	31,743	33,852	35,542	35,509	34,051	34,289	50,661	93,634	178,518
USA	World	Extractive	209,154,448	255,099,784	289,104,040	318,547,504	336,399,477	386,913,966	405,396,057	413,282,149	435,193,646	464,041,603	498,904,389
Savannah	World	Extractive	2,161,641	3,206,572	3,889,549	4,174,183	4,353,165	4,398,714	4,226,690	4,015,650	3,774,166	3,700,227	3,712,024
Charleston	World	Extractive	1,064,998	761,366	859,333	891,063	908,977	887,014	834,717	784,186	730,857	721,221	734,330
Jacksonville	World	Extractive	3,820,992	5,595,928	7,975,970	8,354,643	8,483,574	8,581,962	8,476,118	8,297,174	8,177,787	8,285,059	8,466,951
Miami	World	Extractive	348,169	198,187	355,457	373,552	396,389	383,084	345,773	308,895	262,153	237,916	223,821
Wilmington	World	Extractive	754,629	646,816	796,612	863,163	903,662	1,041,472	1,160,982	1,283,790	1,589,606	1,981,443	2,474,297
Norfolk	World	Extractive	2,541,679	2,232,857	2,708,062	2,985,727	3,164,598	3,930,992	4,440,187	4,894,809	6,064,013	7,684,117	9,831,834
Other N Atlantic	World	Extractive	32,561,555	37,058,317	46,402,430	51,296,946	53,904,879	62,990,742	66,308,879	68,425,230	74,173,095	81,972,801	91,755,266
Gulf Coast	World	Extractive	135,531,522	162,297,513	178,730,502	198,268,228	211,236,695	244,461,571	255,878,197	259,426,997	268,882,337	280,055,968	290,848,494
South Pacific	World	Extractive	6,088,941	12,324,409	14,642,823	16,387,231	17,185,298	19,530,068	20,003,984	19,850,336	20,220,421	21,327,331	23,357,103
North Pacific	World	Extractive	4,049,466	5,597,184	4,838,834	5,148,627	5,238,875	5,554,086	5,543,711	5,462,700	5,591,283	6,087,539	6,963,083
Alaska	World	Extractive	88,096	510,228	227,372	247,085	256,609	291,766	322,268	372,552	614,121	1,201,050	2,570,389
Hawaii	World	Extractive	4,774,735	5,152,384	4,963,830	5,328,635	5,640,664	6,578,035	7,219,205	7,677,686	8,689,492	10,224,810	12,996,688
USA	World	Food	9,958,964	12,810,495	15,739,953	16,241,100	17,365,077	20,224,264	21,378,370	22,571,247	25,007,051	27,425,506	29,792,182
Savannah	World	Food	319,981	446,358	773,677	792,643	829,193	992,831	1,115,003	1,250,988	1,557,770	1,922,017	2,364,436
Charleston	World	Food	202,590	323,589	366,232	385,934	417,682	462,700	488,059	519,154	589,811	667,172	751,141
Jacksonville	World	Food	176,342	159,819	202,397	215,089	228,960	295,681	347,736	400,908	513,380	635,489	767,304
Miami	World	Food	352,300	597,903	847,260	903,952	979,644	1,110,169	1,199,170	1,306,329	1,545,420	1,802,306	2,075,450
Wilmington	World	Food	44,007	117,983	85,401	88,458	93,170	112,813	128,132	147,289	204,299	302,167	473,529
Norfolk	World	Food	563,686	698,943	827,978	853,831	896,538	995,746	1,031,446	1,066,467	1,133,311	1,190,230	1,229,130
Other N Atlantic	World	Food	4,139,025	5,312,158	6,176,318	6,460,116	7,022,363	8,271,066	8,679,063	9,081,426	9,845,698	10,460,112	10,814,864
Gulf Coast	World	Food	1,508,346	1,247,940	1,846,736	1,929,224	2,043,895	2,396,375	2,551,681	2,690,557	2,946,169	3,168,856	3,348,342
South Pacific	World	Food	2,188,219	3,470,032	4,182,592	4,183,982	4,400,052	5,046,829	5,252,816	5,467,462	5,866,082	6,157,408	6,250,347
North Pacific	World	Food	368,478	368,451	363,128	359,453	381,718	452,453	480,854	510,191	566,655	613,619	637,936
Alaska	World	Food	2,579	4,016	7,321	7,729	8,759	15,287	25,470	42,921	121,079	323,548	757,705
Hawaii	World	Food	37,536	41,562	40,876	39,825	40,869	45,626	47,861	50,119	56,649	71,169	109,972

Destination	Origin	Product Group	1995	2000	2003	2004	2005	2010	2015	2020	2030	2040	2050
USA	World	Materials	6,906,875	10,307,703	13,508,101	13,724,815	14,296,813	16,941,884	18,318,847	19,530,165	22,631,833	26,554,170	31,057,545
Savannah	World	Materials	364,010	437,259	578,419	586,074	609,494	714,431	757,223	785,835	845,940	886,315	854,613
Charleston	World	Materials	445,117	732,802	987,534	983,589	1,006,990	1,122,561	1,154,839	1,167,148	1,192,681	1,212,832	1,199,311
Jacksonville	World	Materials	226,837	615,123	783,352	818,880	875,642	1,131,360	1,186,561	1,187,918	1,150,232	1,077,018	988,104
Miami	World	Materials	134,598	234,329	331,491	324,432	327,565	374,481	397,023	412,706	443,807	469,109	472,057
Wilmington	World	Materials	48,224	45,918	40,720	43,207	47,027	67,948	92,778	126,603	242,989	464,672	882,238
Norfolk	World	Materials	409,414	626,450	783,510	798,619	829,884	951,253	1,003,566	1,044,336	1,119,843	1,185,287	1,217,929
Other N Atlantic	World	Materials	2,208,946	3,056,718	4,027,984	4,045,606	4,174,024	4,744,967	4,948,907	5,137,442	5,524,147	5,912,322	6,192,370
Gulf Coast	World	Materials	727,279	946,697	1,469,787	1,465,228	1,486,376	1,623,745	1,654,374	1,664,008	1,720,311	1,818,242	1,961,809
South Pacific	World	Materials	1,593,164	2,897,047	3,552,179	3,663,638	3,874,112	4,762,880	5,273,502	5,650,609	6,461,491	7,069,541	6,992,851
North Pacific	World	Materials	671,712	628,995	635,169	644,620	670,628	810,619	884,755	932,235	1,038,456	1,110,260	1,062,130
Alaska	World	Materials	6,550	11,318	24,051	26,878	29,100	38,828	48,456	61,634	115,574	250,835	544,568
Hawaii	World	Materials	18,636	25,402	14,189	14,886	15,969	21,436	26,660	32,723	51,427	83,662	138,100
USA	World	Consumer Goods	6,948,735	12,536,247	16,909,105	17,496,693	18,750,481	25,123,693	28,934,783	33,303,348	44,411,462	58,702,556	76,189,372
Savannah	World	Consumer Goods	168,633	437,674	867,868	893,882	973,283	1,381,402	1,582,568	1,813,934	2,361,663	2,928,335	3,293,363
Charleston	World	Consumer Goods	176,997	388,129	552,228	580,541	627,664	864,587	1,017,723	1,176,505	1,552,208	1,988,856	2,401,920
Jacksonville	World	Consumer Goods	21,623	28,886	45,549	49,389	51,576	78,283	92,098	114,421	183,074	289,571	408,001
Miami	World	Consumer Goods	267,297	622,074	742,490	762,898	799,035	942,338	1,048,418	1,157,765	1,409,250	1,672,216	1,899,047
Wilmington	World	Consumer Goods	42,856	67,024	74,888	77,884	83,655	112,077	135,151	163,081	238,393	341,692	469,448
Norfolk	World	Consumer Goods	112,325	353,419	677,583	707,797	778,269	1,152,989	1,333,523	1,559,856	2,143,909	2,820,127	3,437,084
Other N Atlantic	World	Consumer Goods	1,031,479	1,557,624	2,277,540	2,401,697	2,599,434	3,558,750	4,122,808	4,746,308	6,284,806	8,119,603	9,859,158
Gulf Coast	World	Consumer Goods	75,758	265,952	412,956	435,812	470,614	624,407	748,700	879,761	1,208,837	1,615,052	2,068,455
South Pacific	World	Consumer Goods	4,031,995	7,299,209	9,469,382	9,742,187	10,392,236	13,787,156	15,758,267	17,987,908	23,338,343	29,007,077	32,711,793
North Pacific	World	Consumer Goods	992,500	1,465,736	1,729,768	1,779,350	1,900,209	2,483,174	2,856,515	3,281,153	4,302,611	5,391,121	6,108,698
Alaska	World	Consumer Goods	208	59	426	477	553	1,081	1,942	3,519	11,852	39,108	117,637
Hawaii	World	Consumer Goods	6,859	10,894	14,368	15,417	17,045	26,573	37,445	52,905	106,524	208,341	372,282
USA	World	Chemicals	57,322,816	87,059,192	96,336,048	105,896,738	110,894,452	127,679,451	142,303,289	154,789,123	185,852,872	227,075,465	281,630,273
Savannah	World	Chemicals	995,041	1,210,847	2,132,969	2,340,528	2,476,396	3,045,318	3,647,112	4,328,593	6,226,034	8,894,668	12,028,027
Charleston	World	Chemicals	951,164	1,059,841	2,200,302	2,321,816	2,431,443	2,966,272	3,487,098	4,032,788	5,463,833	7,399,167	9,664,619
Jacksonville	World	Chemicals	2,152,328	3,421,450	4,870,021	5,367,505	5,732,911	7,473,297	9,671,250	12,450,229	20,442,803	31,915,211	45,506,228
Miami	World	Chemicals	2,254,734	2,251,786	2,734,642	2,918,045	3,048,222	3,714,198	4,464,216	5,345,011	8,046,024	12,167,264	17,271,379
Wilmington	World	Chemicals	998,362	874,906	1,027,843	1,143,689	1,226,163	1,656,035	2,257,819	3,108,851	6,187,988	12,087,437	21,061,170
Norfolk	World	Chemicals	1,210,652	1,606,375	1,504,530	1,611,712	1,674,895	1,910,839	2,085,050	2,199,203	2,385,245	2,508,850	2,685,842
Other N Atlantic	World	Chemicals	22,444,506	33,971,538	43,247,602	48,411,907	50,804,877	58,119,338	63,647,290	67,272,561	74,715,311	82,645,334	93,913,603
Gulf Coast	World	Chemicals	16,157,039	25,838,424	26,900,546	29,220,532	30,454,784	34,018,447	36,617,519	38,031,718	40,034,348	40,673,944	41,319,056
South Pacific	World	Chemicals	4,778,693	10,664,541	7,343,785	7,938,135	8,349,767	9,898,950	11,273,682	12,474,517	15,080,053	17,783,761	20,753,458
North Pacific	World	Chemicals	3,203,295	3,591,811	1,972,818	2,123,681	2,228,839	2,612,152	2,922,017	3,167,404	3,643,096	4,011,192	4,209,901
Alaska	World	Chemicals	225,426	345,782	303,312	341,425	369,673	531,177	771,209	1,130,691	2,596,860	5,941,149	11,963,275
Hawaii	World	Chemicals	189,753	540,711	277,539	291,528	305,209	355,324	390,873	415,725	462,127	488,303	496,987

Destination	Origin	Product Group	1995	2000	2003	2004	2005	2010	2015	2020	2030	2040	2050
USA	World	High Technology	2,075,874	3,522,964	3,796,589	4,005,944	4,370,518	6,832,523	9,051,053	11,464,088	17,420,356	25,028,506	34,263,534
Savannah	World	High Technology	159,683	270,997	292,045	308,408	337,368	534,119	713,247	909,313	1,397,848	2,028,982	2,802,615
Charleston	World	High Technology	159,683	270,997	292,045	308,191	336,601	528,663	702,430	891,732	1,360,016	1,959,548	2,688,188
Jacksonville	World	High Technology	159,683	270,997	292,045	307,521	334,110	512,435	669,675	838,475	1,247,257	1,757,177	2,361,832
Miami	World	High Technology	159,683	270,997	292,045	308,097	336,254	526,496	698,000	884,474	1,344,512	1,931,542	2,642,713
Wilmington	World	High Technology	159,683	270,997	292,045	308,394	336,479	526,035	697,360	884,021	1,346,011	1,938,431	2,660,970
Norfolk	World	High Technology	159,683	270,997	292,045	308,414	337,505	534,907	715,347	913,553	1,409,529	2,053,585	2,847,011
Other N Atlantic	World	High Technology	159,683	270,997	292,045	307,968	335,971	524,733	695,173	880,540	1,338,070	1,922,304	2,630,790
Gulf Coast	World	High Technology	159,683	270,997	292,045	307,939	335,598	521,993	689,019	869,895	1,313,651	1,876,128	2,553,528
South Pacific	World	High Technology	159,683	270,997	292,045	308,087	336,142	526,249	696,618	881,559	1,336,231	1,913,822	2,611,921
North Pacific	World	High Technology	159,683	270,997	292,045	307,742	335,051	518,789	682,101	858,465	1,289,197	1,831,695	2,481,053
Alaska	World	High Technology	159,683	270,997	292,045	308,394	336,479	526,035	697,360	884,021	1,346,011	1,938,431	2,660,970
Hawaii	World	High Technology	159,683	270,997	292,045	308,394	336,479	526,035	697,360	884,021	1,346,011	1,938,431	2,660,970
USA	World	Intermed. Manufact.	40,541,639	76,285,987	60,392,309	66,616,865	74,561,357	103,700,553	128,538,116	153,048,755	215,379,809	299,959,199	412,498,002
Savannah	World	Intermed. Manufact.	917,706	1,623,146	1,358,524	1,470,576	1,617,043	2,172,878	2,593,041	2,976,646	3,875,123	4,972,516	6,263,188
Charleston	World	Intermed. Manufact.	574,133	2,801,344	3,472,505	3,897,605	4,416,292	6,198,403	7,567,233	8,803,147	11,645,157	15,009,403	18,883,137
Jacksonville	World	Intermed. Manufact.	1,871,333	3,230,211	2,948,343	3,234,044	3,568,324	4,447,741	4,856,297	5,173,813	5,705,325	6,049,603	6,207,037
Miami	World	Intermed. Manufact.	1,394,462	2,672,403	3,146,164	3,528,480	3,984,784	5,563,612	6,648,489	7,664,184	10,310,434	14,057,740	19,197,159
Wilmington	World	Intermed. Manufact.	313,904	294,234	219,860	243,521	270,557	406,352	569,904	789,386	1,554,493	3,090,146	6,053,408
Norfolk	World	Intermed. Manufact.	1,166,083	1,393,250	1,267,673	1,384,777	1,531,799	2,076,293	2,501,880	2,895,736	3,804,982	4,897,058	6,209,622
Other N Atlantic	World	Intermed. Manufact.	4,828,723	11,812,241	8,441,585	9,422,773	10,659,293	15,470,849	19,940,464	24,515,335	36,353,671	52,689,539	74,713,194
Gulf Coast	World	Intermed. Manufact.	14,030,044	26,396,430	15,705,560	17,617,623	20,044,120	28,814,877	36,844,163	44,381,411	62,115,145	83,598,765	109,138,803
South Pacific	World	Intermed. Manufact.	6,827,418	14,776,994	15,123,811	16,306,860	17,967,525	24,445,745	29,394,042	33,973,201	44,654,937	58,314,104	75,283,103
North Pacific	World	Intermed. Manufact.	2,145,261	3,350,297	3,738,712	4,153,418	4,693,394	7,086,345	9,572,782	12,251,341	19,364,877	28,496,144	38,983,721
Alaska	World	Intermed. Manufact.	76,104	106,424	145,000	169,728	198,642	377,931	654,245	1,088,651	2,970,375	7,857,295	19,858,423
Hawaii	World	Intermed. Manufact.	146,573	294,425	342,095	402,806	487,598	1,090,347	1,877,975	3,100,791	7,601,020	15,356,869	25,931,099
USA	World	Capital Equipment	4,692,456	7,426,161	9,252,267	10,199,326	11,254,845	16,199,536	19,556,012	23,011,114	31,591,521	42,762,742	56,647,525
Savannah	World	Capital Equipment	196,957	417,496	560,871	627,164	700,663	1,055,845	1,359,320	1,706,749	2,676,966	4,125,232	6,026,458
Charleston	World	Capital Equipment	227,511	447,456	526,236	582,986	649,885	946,441	1,185,322	1,455,782	2,188,264	3,260,998	4,708,795
Jacksonville	World	Capital Equipment	58,826	44,928	20,568	22,249	24,072	32,965	40,926	50,610	81,272	134,800	217,813
Miami	World	Capital Equipment	80,976	98,977	138,104	150,757	162,779	214,602	254,327	293,877	389,502	509,313	650,318
Wilmington	World	Capital Equipment	34,554	40,307	38,766	42,027	44,590	56,216	65,519	74,206	95,774	125,519	168,891
Norfolk	World	Capital Equipment	295,298	365,606	526,898	571,369	620,198	833,851	990,356	1,150,722	1,555,643	2,085,119	2,722,650
Other N Atlantic	World	Capital Equipment	841,589	1,161,026	1,349,199	1,499,943	1,668,038	2,414,335	2,976,388	3,578,444	5,101,080	7,079,217	9,443,138
Gulf Coast	World	Capital Equipment	337,964	487,600	562,601	623,837	698,542	974,875	1,197,284	1,439,578	2,069,184	2,927,760	4,027,074
South Pacific	World	Capital Equipment	1,867,682	3,411,758	4,458,030	4,890,437	5,374,785	7,732,700	9,116,832	10,442,004	13,448,381	16,901,389	20,867,005
North Pacific	World	Capital Equipment	606,429	826,778	967,767	1,076,848	1,191,731	1,783,364	2,177,600	2,575,883	3,548,689	4,737,819	5,963,765
Alaska	World	Capital Equipment	236	2,202	2,470	2,686	2,858	3,585	4,148	4,655	5,855	7,335	9,078
Hawaii	World	Capital Equipment	2,342	3,837	6,436	7,484	8,634	16,013	27,652	46,757	134,010	380,818	1,053,108

Destination	Origin	Product Group	1995	2000	2003	2004	2005	2010	2015	2020	2030	2040	2050
USA	World	Motor Vehicles	6,016,939	7,817,042	8,878,194	9,913,299	11,076,918	17,455,196	21,641,963	25,821,749	35,729,573	47,747,001	61,666,844
Savannah	World	Motor Vehicles	124,069	281,473	384,375	428,337	481,000	806,956	1,046,482	1,299,512	1,940,786	2,794,543	3,850,513
Charleston	World	Motor Vehicles	147,612	306,384	423,215	464,339	516,028	865,200	1,141,633	1,442,960	2,206,682	3,191,725	4,336,446
Jacksonville	World	Motor Vehicles	362,207	598,528	613,380	670,494	729,827	1,057,235	1,352,081	1,688,137	2,556,277	3,757,304	5,251,797
Miami	World	Motor Vehicles	80,487	44,296	66,333	70,852	75,318	96,827	108,577	120,838	151,592	190,870	237,000
Wilmington	World	Motor Vehicles	6,759	2,438	3,766	4,291	4,878	8,432	12,769	19,128	42,870	95,269	208,396
Norfolk	World	Motor Vehicles	357,692	478,592	554,230	618,105	649,710	936,012	1,127,980	1,288,087	1,525,188	1,569,436	1,431,788
Other N Atlantic	World	Motor Vehicles	1,094,963	1,592,964	2,087,024	2,358,446	2,672,623	4,380,330	5,256,582	6,036,854	7,774,978	9,662,365	11,524,276
Gulf Coast	World	Motor Vehicles	83,035	171,422	169,883	191,690	216,655	349,344	435,648	525,694	761,142	1,089,199	1,525,935
South Pacific	World	Motor Vehicles	2,454,072	2,913,797	3,145,914	3,471,239	3,863,564	5,749,589	6,863,896	7,930,380	10,271,572	12,859,557	15,737,594
North Pacific	World	Motor Vehicles	1,111,670	1,232,107	1,378,403	1,580,064	1,807,899	3,127,211	4,204,056	5,359,353	8,325,678	12,243,234	17,031,950
Alaska	World	Motor Vehicles	0	26	47	54	60	85	116	165	346	744	1,609
Hawaii	World	Motor Vehicles	15,845	17,576	20,450	22,884	25,546	39,884	54,190	72,428	127,715	221,341	376,175

Table A-3. Metric Tonnes of Exports from US South Atlantic Coast Ports and Other Coasts, by World Trade Route, for All Commodties: 1995 - 2050 (selected years)

Origin	Destination	Produmt Group	1995	2000	2003	2004	2005	2010	2015	2020	2030	2040	2050
USA	World	All Commodities	251,370,211	212,856,887	206,987,701	214,095,492	217,671,381	232,098,313	243,272,392	258,521,722	303,739,049	379,462,039	531,306,089
USA	Percent Change	All Commodities	NA	-3.27%	-0.93%	3.43%	1.67%	1.29%	0.94%	1.22%	1.62%	2.25%	3.42%
Savannah	World	All Commodities	5,838,559	5,527,534	7,244,210	7,576,866	7,633,734	7,670,422	7,817,503	8,344,201	10,062,735	13,254,459	19,254,265
Savannah	Percent Change	All Commodities	NA	-1.09%	9.43%	4.59%	0.75%	0.10%	0.38%	1.31%	1.89%	2.79%	3.80%
Savannah	Africa	All Commodities	55,844	37,964	32,476	32,679	32,555	35,260	38,759	45,843	92,027	255,753	660,035
Savannah	Central America	All Commodities	116,887	127,332	282,906	299,062	306,626	338,453	362,220	387,594	465,031	632,906	976,824
Savannah	East Coast S America	All Commodities	427,259	397,006	247,045	254,718	255,543	269,526	279,370	300,348	351,901	415,213	493,628
Savannah	Eastern Europe	All Commodities	30,357	41,744	109,859	115,682	122,770	151,058	169,607	197,840	311,334	575,502	1,095,196
Savannah	India	All Commodities	68,195	70,117	120,498	121,195	121,781	131,057	143,567	162,280	234,738	424,086	847,328
Savannah	Middle East	All Commodities	160,731	115,066	100,381	101,015	100,773	104,852	109,153	118,297	142,851	176,318	219,763
Savannah	Mediterranean	All Commodities	259,127	223,764	254,933	267,683	276,478	263,279	271,566	300,196	379,743	496,049	657,091
Savannah	North America	All Commodities	54,596	83,963	26,842	26,270	27,024	29,983	32,280	34,365	39,352	45,419	51,748
Savannah	NE Asia	All Commodities	2,222,822	2,340,863	3,532,113	3,734,699	3,758,319	3,843,614	3,874,712	4,090,831	4,768,222	5,876,663	7,818,874
Savannah	North Europe	All Commodities	1,866,619	1,433,913	1,668,097	1,708,483	1,707,908	1,470,661	1,378,859	1,374,088	1,395,627	1,477,292	1,619,477
Savannah	Oceania	All Commodities	236,223	267,747	312,376	334,429	325,710	353,463	398,666	452,837	587,149	765,115	991,050
Savannah	Europe, Other	All Commodities	5,255	12,831	8,962	9,507	9,365	6,823	5,715	5,595	5,333	5,153	5,160
Savannah	SE Asia	All Commodities	206,246	265,435	418,187	440,731	457,649	533,981	602,982	704,536	1,044,476	1,671,480	2,957,945
Savannah	West Coast S America	All Commodities	128,397	109,787	129,534	130,711	131,232	138,411	150,045	169,552	244,951	437,511	860,144
Charleston	World	All Commodities	4,471,085	4,943,363	4,311,335	4,468,451	4,525,876	4,796,518	5,178,853	5,808,573	7,936,065	12,518,670	21,669,619
Charleston	Percent Change	All Commodities	NA	2.03%	-4.46%	3.64%	1.29%	1.17%	1.55%	2.32%	3.17%	4.66%	5.64%
Charleston	Africa	All Commodities	60,449	78,441	76,697	76,670	76,853	83,010	90,006	104,276	204,324	590,128	1,600,469
Charleston	Central America	All Commodities	42,713	99,765	122,474	128,407	131,130	146,366	160,769	175,827	232,268	376,563	692,404
Charleston	East Coast S America	All Commodities	139,728	386,768	296,929	313,647	314,979	336,842	352,267	369,284	408,744	452,734	504,447
Charleston	Eastern Europe	All Commodities	144,136	162,741	284,354	301,431	316,269	391,075	438,050	522,388	944,617	2,173,572	4,934,041
Charleston	India	All Commodities	103,015	65,429	186,994	190,244	194,429	225,402	265,843	321,623	516,797	968,016	1,900,266
Charleston	Middle East	All Commodities	86,011	66,868	62,446	62,892	63,294	67,653	72,386	79,858	99,233	124,716	156,991
Charleston	Mediterranean	All Commodities	231,251	336,575	309,947	327,690	339,276	363,182	403,497	464,539	620,055	839,472	1,143,751
Charleston	North America	All Commodities	42,362	31	79	79	75	66	64	69	82	102	126
Charleston	NE Asia	All Commodities	1,217,102	1,527,726	943,708	984,757	985,870	999,956	1,018,132	1,100,989	1,362,016	1,839,099	2,707,706
Charleston	North Europe	All Commodities	1,627,905	1,548,010	1,461,284	1,497,619	1,508,468	1,508,898	1,601,459	1,742,663	2,068,922	2,475,359	2,962,139
Charleston	Oceania	All Commodities	42,476	32,122	24,662	26,196	25,597	26,209	27,666	29,387	33,645	39,096	45,986
Charleston	Europe, Other	All Commodities	8,324	44,451	7,325	7,720	8,012	11,129	13,002	14,807	17,969	20,459	22,325
Charleston	SE Asia	All Commodities	488,029	282,327	250,355	259,254	266,007	303,110	352,898	429,562	731,473	1,415,742	2,923,927
Charleston	West Coast S America	All Commodities	237,582	312,108	284,081	291,845	295,615	333,621	382,813	453,301	695,920	1,203,612	2,075,038

Origin	Destination	Produmt Group	1995	2000	2003	2004	2005	2010	2015	2020	2030	2040	2050
Jacksonville	World	All Commodities	2,910,767	2,482,693	2,247,770	2,338,066	2,384,639	2,613,260	2,806,613	3,073,434	3,872,342	5,222,280	7,457,401
Jacksonville	Percent Change	All Commodities	NA	-3.13%	-3.26%	4.02%	1.99%	1.85%	1.44%	1.83%	2.34%	3.04%	3.63%
Jacksonville	Africa	All Commodities	19,731	5,644	9,573	9,681	9,690	10,335	10,756	11,554	15,059	25,305	49,973
Jacksonville	Central America	All Commodities	422,815	456,710	594,085	618,986	639,151	720,102	769,603	827,559	991,645	1,249,634	1,660,643
Jacksonville	East Coast S America	All Commodities	610,665	295,748	353,741	365,807	364,639	377,015	381,064	386,398	404,318	427,954	458,841
Jacksonville	Eastern Europe	All Commodities	109,533	281,352	117,108	127,030	139,920	184,166	195,381	222,250	316,207	448,228	621,389
Jacksonville	India	All Commodities	881	1,864	1,495	1,559	1,646	2,436	4,129	7,947	35,392	136,255	388,061
Jacksonville	Middle East	All Commodities	13,360	12,333	11,304	11,417	11,376	11,327	10,850	11,004	11,571	12,367	13,461
Jacksonville	Mediterranean	All Commodities	108,153	208,612	168,396	185,056	194,424	215,050	240,628	276,909	366,115	484,225	634,281
Jacksonville	North America	All Commodities	2,795	35	4,781	4,838	4,787	5,651	6,817	8,146	11,068	14,560	18,504
Jacksonville	NE Asia	All Commodities	220,317	120,926	222,732	228,039	231,926	247,625	259,117	270,979	316,869	415,216	622,661
Jacksonville	North Europe	All Commodities	869,487	782,912	434,511	453,542	452,961	472,868	512,803	559,083	660,167	788,609	943,056
Jacksonville	Oceania	All Commodities	46,081	3,018	2,345	2,448	2,506	2,933	3,324	3,775	4,847	6,173	7,787
Jacksonville	Europe, Other	All Commodities	902	343	244	239	238	266	279	298	338	382	429
Jacksonville	SE Asia	All Commodities	61,603	56,043	99,062	105,345	110,638	141,688	174,567	215,918	340,634	572,362	989,014
Jacksonville	West Coast S America	All Commodities	424,443	257,154	228,393	224,079	220,737	221,798	237,295	271,613	398,111	641,009	1,049,301
Miami	World	All Commodities	2,417,867	2,775,307	2,685,518	2,802,643	2,859,001	3,127,980	3,355,693	3,632,336	4,549,295	6,448,638	9,948,136
Miami	Percent Change	All Commodities	NA	2.80%	-1.09%	4.36%	2.01%	1.81%	1.42%	1.60%	2.28%	3.55%	4.43%
Miami	Africa	All Commodities	2,291	5,151	3,276	3,294	3,311	3,543	3,746	4,057	5,916	11,016	21,186
Miami	Central America	All Commodities	1,039,162	1,620,212	1,574,050	1,639,623	1,684,319	1,876,751	2,013,661	2,159,969	2,651,409	3,654,603	5,400,047
Miami	East Coast S America	All Commodities	527,401	401,144	234,626	248,030	250,488	279,535	293,343	306,150	335,436	368,396	408,493
Miami	Eastern Europe	All Commodities	5,542	5,195	12,673	13,331	13,799	17,694	22,142	29,471	68,450	197,161	510,200
Miami	India	All Commodities	34,492	18,716	31,653	31,156	30,742	29,477	29,590	32,989	61,643	169,052	436,726
Miami	Middle East	All Commodities	3,636	5,666	6,596	6,760	6,996	8,376	9,884	11,600	15,939	21,665	28,895
Miami	Mediterranean	All Commodities	88,240	12,228	40,855	44,833	46,752	50,432	56,822	65,217	85,553	112,544	148,301
Miami	North America	All Commodities	41	3,334	119	119	127	166	167	187	242	329	436
Miami	NE Asia	All Commodities	127,658	143,476	207,158	215,035	213,942	208,239	205,407	215,310	253,014	324,907	458,817
Miami	North Europe	All Commodities	208,779	268,712	308,692	323,993	326,862	323,112	335,091	350,707	380,305	418,218	468,144
Miami	Oceania	All Commodities	2,468	15,818	7,976	8,235	8,200	8,890	9,698	10,566	12,629	15,251	18,436
Miami	Europe, Other	All Commodities	360	890	665	675	682	733	757	789	852	912	967
Miami	SE Asia	All Commodities	26,040	34,106	23,532	24,534	25,458	31,198	38,554	49,955	99,365	232,267	526,031
Miami	West Coast S America	All Commodities	351,757	240,659	233,647	243,025	247,322	289,834	336,830	395,369	578,543	922,318	1,521,456
Wilmington	World	All Commodities	1,118,155	1,142,204	650,285	682,372	683,424	640,118	645,631	706,696	987,658	1,790,944	3,739,136
Wilmington	Percent Change	All Commodities	NA	0.43%	-17.12%	4.93%	0.15%	-1.30%	0.17%	1.82%	3.40%	6.13%	7.64%
Wilmington	Africa	All Commodities	5,101	5,586	4,717	4,926	5,165	5,915	6,496	7,294	10,800	20,466	41,772
Wilmington	Central America	All Commodities	9,219	12,974	5,967	6,277	6,546	8,257	10,912	16,228	52,762	183,658	506,659
Wilmington	East Coast S America	All Commodities	14,784	34,780	4,129	4,511	4,720	6,126	7,473	8,593	11,406	15,944	23,999
Wilmington	Eastern Europe	All Commodities	56,239	5,925	2,623	2,801	3,028	4,350	5,666	7,770	18,990	55,357	143,554
Wilmington	India	All Commodities	1,568	10,893	8,180	8,389	8,569	10,513	13,404	18,966	58,229	213,531	633,372
Wilmington	Middle East	All Commodities	7,955	5,282	4,338	4,343	4,418	4,885	5,286	5,705	6,634	7,679	8,790
Wilmington	Mediterranean	All Commodities	39,742	26,292	21,206	22,114	22,108	20,514	20,130	20,917	23,495	27,400	32,251
Wilmington	North America	All Commodities	41	133,660	15	15	16	20	23	26	32	40	49
Wilmington	NE Asia	All Commodities	596,011	434,031	257,332	268,359	270,898	286,689	298,776	322,586	393,944	522,409	756,852
Wilmington	North Europe	All Commodities	288,885	316,548	277,403	292,379	286,317	201,166	165,732	159,435	150,835	149,241	153,779
Wilmington	Oceania	All Commodities	2,497	1,956	3,553	3,743	3,743	4,304	4,938	5,643	7,370	9,652	12,657
Wilmington	Europe, Other	All Commodities	2,977	3,395	2,008	2,045	2,074	1,785	1,597	1,630	1,698	1,724	1,706
Wilmington	SE Asia	All Commodities	58,472	114,306	56,393	59,868	63,076	81,684	99,363	122,355	217,291	460,278	1,074,062
Wilmington	West Coast S America	All Commodities	34,664	36,576	2,421	2,602	2,746	3,909	5,833	9,550	34,172	123,565	349,632

Origin	Destination	Produmt Group	1995	2000	2003	2004	2005	2010	2015	2020	2030	2040	2050
Norfolk	World	All Commodities	37,366,365	20,704,378	13,453,664	13,662,523	13,834,626	13,328,551	13,119,746	13,246,731	14,255,089	17,425,599	24,880,576
Norfolk	Percent Change	All Commodities	NA	-11.14%	-13.39%	1.55%	1.26%	-0.74%	-0.32%	0.19%	0.74%	2.03%	3.63%
Norfolk	Africa	All Commodities	500,919	198,419	79,025	79,062	78,093	82,842	86,327	93,714	128,540	227,208	442,088
Norfolk	Central America	All Commodities	43,881	69,622	136,461	142,476	147,758	171,327	186,671	207,307	279,555	447,834	805,722
Norfolk	East Coast S America	All Commodities	3,703,011	3,249,477	1,822,142	1,836,807	1,916,628	2,081,412	2,137,999	2,171,610	2,275,842	2,381,149	2,488,270
Norfolk	Eastern Europe	All Commodities	1,437,813	1,090,049	407,043	434,793	467,543	583,264	648,756	728,849	1,150,007	2,547,960	6,079,323
Norfolk	India	All Commodities	87,151	153,331	216,445	220,286	224,612	253,142	294,905	355,525	601,616	1,243,376	2,626,398
Norfolk	Middle East	All Commodities	169,527	84,583	71,968	73,485	76,003	87,748	94,790	101,878	115,602	128,481	140,159
Norfolk	Mediterranean	All Commodities	3,951,546	2,349,985	1,817,624	1,844,320	1,893,963	1,806,234	1,783,302	1,804,490	1,878,212	1,992,758	2,156,263
Norfolk	North America	All Commodities	7,257	24,880	10,396	11,554	10,443	6,689	5,088	4,317	3,299	2,857	2,752
Norfolk	NE Asia	All Commodities	7,807,707	3,041,520	1,201,290	1,242,944	1,255,864	1,305,940	1,351,541	1,436,823	1,695,249	2,155,884	2,994,989
Norfolk	North Europe	All Commodities	18,953,051	9,968,362	7,235,957	7,305,328	7,290,766	6,442,828	5,984,730	5,729,918	5,291,472	5,027,139	4,911,719
Norfolk	Oceania	All Commodities	136,984	92,146	86,798	94,414	90,420	98,022	111,952	128,538	169,152	223,129	292,585
Norfolk	Europe, Other	All Commodities	72,766	17,267	6,718	6,915	7,056	9,286	11,425	14,145	21,234	30,217	40,434
Norfolk	SE Asia	All Commodities	425,269	330,976	309,887	316,419	321,110	338,968	355,336	393,651	527,612	777,025	1,374,023
Norfolk	West Coast S America	All Commodities	69,482	33,762	51,908	53,719	54,367	60,850	66,925	75,966	117,699	240,583	525,850
Other N Atlantic	World	All Commodities	20,978,097	11,951,303	14,924,707	15,412,014	15,501,700	15,759,479	16,108,345	16,976,977	20,046,958	26,428,802	39,299,488
Other N Atlantic	Percent Change	All Commodities	NA	-10.64%	7.69%	3.27%	0.58%	0.33%	0.44%	1.06%	1.68%	2.80%	4.05%
Other N Atlantic	Africa	All Commodities	214,446	230,781	110,549	111,466	113,117	121,225	126,813	137,111	196,777	361,469	665,932
Other N Atlantic	Central America	All Commodities	330,312	724,192	924,223	957,919	988,563	1,118,596	1,194,332	1,287,273	1,532,858	1,873,001	2,352,584
Other N Atlantic	East Coast S America	All Commodities	1,634,481	813,999	575,932	605,118	616,181	698,373	749,712	799,867	904,668	1,015,630	1,136,408
Other N Atlantic	Eastern Europe	All Commodities	955,762	119,629	216,804	227,480	237,868	294,669	348,979	440,017	947,123	2,566,514	6,570,895
Other N Atlantic	India	All Commodities	636,494	286,359	535,560	539,359	543,844	575,058	614,789	670,783	900,870	1,497,342	2,695,464
Other N Atlantic	Middle East	All Commodities	691,315	183,733	137,422	139,679	143,549	158,933	169,273	181,146	206,395	233,197	260,616
Other N Atlantic	Mediterranean	All Commodities	2,728,047	715,128	1,080,983	1,102,656	1,133,426	1,097,186	1,101,792	1,135,243	1,227,359	1,357,341	1,534,294
Other N Atlantic	North America	All Commodities	425,869	964,811	596,429	611,756	585,875	572,198	576,078	589,903	638,364	625,322	733,241
Other N Atlantic	NE Asia	All Commodities	4,348,793	2,180,700	5,258,293	5,497,231	5,481,836	5,431,643	5,411,196	5,663,344	6,534,422	8,074,842	10,888,581
Other N Atlantic	North Europe	All Commodities	7,407,570	4,581,269	3,589,764	3,644,379	3,668,710	3,658,111	3,758,498	3,900,800	4,268,266	4,801,769	5,526,720
Other N Atlantic	Oceania	All Commodities	103,070	121,433	150,789	164,486	160,458	175,070	195,093	217,189	268,336	330,781	403,508
Other N Atlantic	Europe, Other	All Commodities	25,470	18,019	21,171	22,398	23,399	34,064	45,643	60,042	97,822	147,587	207,121
Other N Atlantic	SE Asia	All Commodities	929,252	724,363	1,289,745	1,336,517	1,348,748	1,324,821	1,281,295	1,320,070	1,608,785	2,528,076	4,763,093
Other N Atlantic	West Coast S America	All Commodities	547,215	286,887	437,044	451,571	456,126	499,532	534,851	574,189	714,913	1,015,930	1,561,030
Gulf Coast	World	All Commodities	86,020,093	78,724,188	75,185,608	78,428,620	79,934,223	85,696,672	90,288,739	95,881,482	111,653,896	137,546,076	185,563,105
Gulf Coast	Percent Change	All Commodities	NA	-1.76%	-1.52%	4.31%	1.92%	1.40%	1.05%	1.21%	1.53%	2.11%	3.04%
Gulf Coast	Africa	All Commodities	1,844,543	972,887	1,202,076	1,194,449	1,186,153	1,252,786	1,326,220	1,460,469	2,222,471	4,879,361	11,647,680
Gulf Coast	Central America	All Commodities	9,044,243	19,769,107	20,409,942	21,132,509	21,785,220	23,952,900	25,525,387	27,287,685	30,851,350	34,650,061	38,582,141
Gulf Coast	East Coast S America	All Commodities	6,796,912	5,613,499	6,218,637	6,589,751	6,678,290	7,282,569	7,663,238	7,993,874	8,700,286	9,415,929	10,148,741
Gulf Coast	Eastern Europe	All Commodities	3,488,680	2,350,367	1,522,593	1,636,226	1,769,327	2,271,823	2,346,657	2,525,482	3,510,490	6,236,381	12,410,194
Gulf Coast	India	All Commodities	1,036,459	1,043,647	734,485	759,116	781,509	834,125	946,415	1,179,406	2,226,761	4,939,598	10,655,302
Gulf Coast	Middle East	All Commodities	1,096,921	1,156,310	823,118	840,516	877,181	1,017,536	1,105,815	1,206,149	1,407,872	1,610,033	1,808,581
Gulf Coast	Mediterranean	All Commodities	6,655,268	5,857,806	4,542,745	4,904,352	5,111,836	5,532,429	5,848,915	6,320,204	7,420,188	8,717,974	10,146,988
Gulf Coast	North America	All Commodities	1,026,014	1,176,447	1,377,449	1,442,912	1,385,628	1,628,350	1,862,138	2,082,036	2,584,184	3,173,402	3,826,983
Gulf Coast	NE Asia	All Commodities	21,721,979	14,998,437	16,496,583	17,292,102	17,441,035	17,835,681	17,932,188	17,908,865	18,607,852	20,561,017	24,704,540
Gulf Coast	North Europe	All Commodities	20,891,981	13,556,591	9,994,214	10,296,411	10,307,652	9,865,254	10,042,825	10,372,945	11,002,088	12,042,866	13,442,567
Gulf Coast	Oceania	All Commodities	1,494,252	973,972	919,391	1,007,293	964,077	953,196	1,016,381	1,096,924	1,266,716	1,484,018	1,753,175
Gulf Coast	Europe, Other	All Commodities	16,511	9,204	6,819	6,845	6,856	7,680	8,372	8,944	10,148	11,313	12,311
Gulf Coast	SE Asia	All Commodities	4,448,938	5,074,072	4,503,239	4,749,112	4,945,594	5,856,755	6,486,388	7,337,030	9,739,905	12,105,119	19,479,258
Gulf Coast	West Coast S America	All Commodities	6,457,392	6,171,841	6,434,316	6,577,026	6,693,864	7,405,588	8,177,799	9,101,469	12,103,586	17,719,004	26,944,644

Origin	Destination	Produmt Group	1995	2000	2003	2004	2005	2010	2015	2020	2030	2040	2050
South Pacific	World	All Commodities	30,662,388	28,000,650	25,421,259	26,484,350	26,785,336	28,618,058	30,195,520	32,823,878	40,965,466	56,225,087	86,114,270
South Pacific	Percent Change	All Commodities	NA	-1.80%	-3.17%	4.18%	1.14%	1.33%	1.08%	1.68%	2.24%	3.22%	4.36%
South Pacific	Africa	All Commodities	69,366	87,314	16,698	16,539	16,367	18,701	21,058	24,705	45,216	109,791	255,022
South Pacific	Central America	All Commodities	976,944	1,912,705	768,189	783,577	789,378	812,814	808,944	791,422	795,502	912,640	1,250,153
South Pacific	East Coast S America	All Commodities	402,030	458,610	390,163	422,665	429,875	509,630	572,992	633,541	774,890	947,712	1,153,469
South Pacific	Eastern Europe	All Commodities	66,850	43,329	48,496	51,983	56,070	72,547	77,688	88,253	149,697	340,761	779,024
South Pacific	India	All Commodities	690,907	463,463	557,607	570,590	581,930	672,240	779,974	922,753	1,410,127	2,505,901	4,720,186
South Pacific	Middle East	All Commodities	26,273	30,662	43,155	43,724	45,021	53,074	58,417	64,239	77,127	91,799	106,704
South Pacific	Mediterranean	All Commodities	176,158	135,987	73,349	76,336	76,519	78,737	81,646	86,620	99,740	117,859	141,424
South Pacific	North America	All Commodities	20,118	14,111	42,918	45,942	44,380	50,434	52,682	55,629	62,323	69,918	84,005
South Pacific	NE Asia	All Commodities	21,399,484	18,879,877	17,666,011	18,430,728	18,628,814	19,671,231	20,501,307	22,086,593	26,631,477	34,390,758	48,270,273
South Pacific	North Europe	All Commodities	975,419	827,819	627,116	653,182	650,933	649,164	677,632	712,124	781,444	865,385	967,734
South Pacific	Oceania	All Commodities	707,371	918,240	814,724	870,451	835,140	895,915	1,017,870	1,157,071	1,505,578	1,984,483	2,619,185
South Pacific	Europe, Other	All Commodities	4,377	11,833	10,394	10,567	10,607	9,960	9,569	9,480	9,477	9,580	9,783
South Pacific	SE Asia	All Commodities	4,649,670	3,875,891	3,955,892	4,092,443	4,198,365	4,655,332	5,012,198	5,595,729	7,786,213	12,563,433	23,685,779
South Pacific	West Coast S America	All Commodities	497,420	340,810	406,547	415,623	421,937	468,281	523,545	595,719	836,654	1,315,068	2,071,528
North Pacific	World	All Commodities	29,276,605	21,164,204	24,233,070	25,465,415	25,991,101	29,187,856	30,977,414	33,116,500	38,966,288	44,795,450	61,231,824
North Pacific	Percent Change	All Commodities	NA	-6.28%	4.62%	5.09%	2.06%	2.35%	1.20%	1.34%	1.64%	1.40%	3.17%
North Pacific	Africa	All Commodities	47,826	44,985	73,449	72,196	71,012	70,768	70,587	71,411	75,667	90,004	120,516
North Pacific	East Coast S America	All Commodities	177,736	97,303	151,147	168,515	170,098	198,326	217,906	235,382	273,181	314,836	362,437
North Pacific	Eastern Europe	All Commodities	295,751	155,831	81,178	87,363	95,299	124,628	122,370	130,991	191,709	363,113	776,369
North Pacific	India	All Commodities	1,848,830	430,441	268,201	274,301	278,467	319,666	356,932	399,702	527,644	789,895	1,298,681
North Pacific	Middle East	All Commodities	146,245	192,288	178,312	184,134	190,928	217,152	232,024	245,782	274,716	301,658	327,695
North Pacific	Mediterranean	All Commodities	119,107	68,782	191,080	199,131	200,918	208,111	222,071	237,321	265,827	294,894	324,423
North Pacific	North America	All Commodities	1,479,874	721,820	1,151,134	1,239,536	1,202,359	1,375,847	1,407,866	1,455,178	1,584,182	1,601,304	1,914,129
North Pacific	NE Asia	All Commodities	18,085,290	14,696,978	15,879,073	16,555,843	16,767,723	17,679,617	18,056,062	18,637,298	20,269,618	22,691,551	25,875,973
North Pacific	North Europe	All Commodities	183,016	311,028	459,966	472,165	478,686	498,378	530,361	561,586	629,106	709,746	804,775
North Pacific	Oceania	All Commodities	632,249	415,316	491,403	526,998	502,608	492,629	520,137	556,336	638,775	745,865	874,088
North Pacific	Europe, Other	All Commodities	909	994	1,559	1,562	1,549	1,404	1,323	1,320	1,350	1,379	1,405
North Pacific	SE Asia	All Commodities	5,501,426	3,565,372	4,284,003	4,632,062	4,962,044	6,823,672	7,959,671	9,193,236	12,453,951	14,297,316	24,619,418
North Pacific	West Coast S America	All Commodities	647,907	314,563	634,602	656,818	672,322	770,876	876,810	998,424	1,382,139	2,102,740	3,174,860
Alaska	World	All Commodities	4,637,202	5,827,467	4,410,057	4,680,003	4,763,719	5,092,229	5,304,817	5,679,937	6,813,025	8,821,873	12,841,114
Alaska	Percent Change	All Commodities	NA	4.68%	-8.87%	6.12%	1.79%	1.34%	0.82%	1.38%	1.84%	2.62%	3.83%
Alaska	Africa	All Commodities	1,486	273	277	287	295	382	487	654	1,661	5,338	14,886
Alaska	Central America	All Commodities	18,965	2,043	2,342	2,534	2,747	4,272	6,922	12,284	48,830	179,544	502,046
Alaska	East Coast S America	All Commodities	5,676	12,341	45,277	46,498	48,372	58,585	68,557	79,109	105,669	141,656	187,765
Alaska	Eastern Europe	All Commodities	47,958	1,373	7,295	7,899	8,685	11,273	10,940	11,674	17,784	37,203	84,651
Alaska	India	All Commodities	39,238	15,617	1,208	1,290	1,400	2,364	4,431	9,211	46,580	199,004	614,356
Alaska	Middle East	All Commodities	255	510	467	479	503	665	811	958	1,295	1,693	2,161
Alaska	Mediterranean	All Commodities	1,222	5,730	82,734	84,917	86,703	78,793	74,190	73,595	75,281	79,283	84,384
Alaska	North America	All Commodities	300,284	448,725	55,523	56,816	57,797	70,580	77,433	83,525	94,725	39,064	50,658
Alaska	NE Asia	All Commodities	3,824,726	4,712,265	3,614,684	3,872,727	3,950,794	4,306,959	4,522,548	4,869,790	5,826,412	7,294,532	9,808,722
Alaska	North Europe	All Commodities	249,397	354,506	526,706	533,295	531,331	470,994	440,926	425,809	399,709	387,000	386,974
Alaska	Oceania	All Commodities	18,232	98,818	45,787	43,993	44,249	47,664	49,327	51,023	56,920	66,263	78,632
Alaska	Europe, Other	All Commodities	135	379	239	231	228	247	255	271	308	350	397
Alaska	SE Asia	All Commodities	127,891	151,637	22,532	23,763	25,109	32,269	38,262	47,860	96,740	256,148	658,727
Alaska	West Coast S America	All Commodities	1,738	23,251	4,984	5,274	5,506	7,183	9,728	14,173	41,111	134,796	366,755

Origin	Destination	Produmt Group	1995	2000	2003	2004	2005	2010	2015	2020	2030	2040	2050
Hawaii	World	All Commodities	911,137	716,264	511,475	536,052	550,018	609,247	672,659	776,097	1,162,245	2,134,520	4,393,352
Hawaii	Percent Change	All Commodities	NA	-4.70%	-10.62%	4.81%	2.61%	2.07%	2.00%	2.90%	4.12%	6.27%	7.49%
Hawaii	Africa	All Commodities	267	273	253	263	271	357	462	627	1,631	5,303	14,845
Hawaii	Central America	All Commodities	1,861	2,032	2,440	2,638	2,851	4,381	7,034	12,402	48,959	179,686	502,205
Hawaii	East Coast S America	All Commodities	33,724	7,721	3,790	4,150	4,354	5,691	6,983	8,050	10,749	15,155	23,058
Hawaii	Eastern Europe	All Commodities	364	509	811	862	929	1,367	1,955	2,926	8,541	27,663	75,432
Hawaii	India	All Commodities	52,552	2,881	6,575	6,653	6,783	8,052	10,604	16,091	55,369	210,570	629,907
Hawaii	Middle East	All Commodities	239	475	557	570	597	779	942	1,104	1,468	1,894	2,387
Hawaii	Mediterranean	All Commodities	486	603	614	625	645	824	972	1,138	1,561	2,115	2,828
Hawaii	North America	All Commodities	56	719	1,317	1,357	1,377	1,704	1,883	2,045	2,342	776	1,088
Hawaii	NE Asia	All Commodities	673,860	656,818	368,832	386,716	396,084	437,804	484,393	553,210	763,575	1,155,954	1,951,713
Hawaii	North Europe	All Commodities	6,089	7,331	8,273	8,271	8,469	9,783	10,665	11,697	14,271	17,714	22,644
Hawaii	Oceania	All Commodities	41,891	2,243	1,837	1,901	1,977	2,430	2,821	3,257	4,315	5,665	7,386
Hawaii	Europe, Other	All Commodities	135	146	254	250	249	269	280	295	330	369	411
Hawaii	SE Asia	All Commodities	97,864	32,735	113,889	119,602	123,104	132,384	138,384	154,328	215,760	389,151	811,212
Hawaii	West Coast S America	All Commodities	1,751	1,777	2,032	2,195	2,327	3,420	5,282	8,930	33,374	122,505	348,235

Table A-4. Metric Tonnes of Exports from US South Atlantic Coast Ports and Other Coasts, by World Trade Route, for Commodity Groups: 1995 - 2050 (selected years)

Origin	Destination	Produmt Group	1995	2000	2003	2004	2005	2010	2015	2020	2030	2040	2050
USA	World	Agriculture	44,916,562	39,147,291	40,036,341	42,195,560	43,244,086	48,984,029	52,354,564	54,745,293	60,043,081	58,706,180	66,699,831
Savannah	World	Agriculture	195,882	201,824	500,687	530,736	542,798	600,012	629,381	646,355	689,070	684,439	762,612
Charleston	World	Agriculture	130,717	122,047	192,486	202,139	208,150	235,899	253,744	267,590	296,930	312,620	354,473
Jacksonville	World	Agriculture	109,348	41,499	28,026	29,793	31,017	34,144	36,301	37,447	39,411	41,229	43,168
Miami	World	Agriculture	122,729	117,848	114,549	121,700	127,038	142,649	152,848	158,857	167,486	174,337	181,191
Wilmington	World	Agriculture	199,894	329,097	44,754	48,424	50,271	61,682	68,113	73,368	86,827	87,580	111,031
Norfolk	World	Agriculture	350,179	411,515	411,822	443,501	459,587	502,648	528,356	546,306	584,629	582,812	641,909
Other N Atlantic	World	Agriculture	621,656	596,803	388,786	413,950	429,312	486,071	519,826	551,663	615,530	554,121	630,046
Gulf Coast	World	Agriculture	23,846,325	23,505,433	23,601,501	24,760,185	25,377,780	28,297,764	30,098,680	31,248,152	33,640,265	34,588,025	37,843,846
South Pacific	World	Agriculture	1,494,191	1,448,566	1,793,234	1,931,034	1,982,441	2,358,881	2,581,017	2,762,728	3,222,591	3,311,058	4,106,903
North Pacific	World	Agriculture	15,003,829	9,482,563	10,301,250	10,905,775	11,222,428	13,064,975	14,006,068	14,740,733	16,514,953	14,978,994	18,058,280
Alaska	World	Agriculture	769,645	830,937	365,380	393,775	400,526	453,439	478,721	491,910	525,518	507,407	575,385
Hawaii	World	Agriculture	781	2,079	1,780	1,859	1,883	2,265	2,481	2,665	3,021	1,508	1,927
USA	World	Extractive	100,915,131	69,382,908	60,032,352	60,865,978	62,176,733	63,892,394	64,689,578	66,237,438	70,524,916	76,225,546	83,574,687
Savannah	World	Extractive	2,399,403	2,310,114	2,805,901	2,963,008	3,000,705	3,034,923	3,030,711	3,133,192	3,429,741	3,814,156	4,351,768
Charleston	World	Extractive	787,981	868,390	385,596	404,163	410,781	422,213	435,166	462,230	527,236	601,079	690,006
Jacksonville	World	Extractive	301,178	90,873	401,978	416,918	430,296	479,837	501,660	531,153	607,746	692,183	785,151
Miami	World	Extractive	167,254	184,746	200,228	208,552	214,218	234,825	244,005	257,460	292,409	332,924	381,768
Wilmington	World	Extractive	14,098	28,888	39,732	43,078	43,764	46,387	47,215	49,765	56,726	65,230	76,929
Norfolk	World	Extractive	33,897,782	17,326,708	9,949,256	10,033,227	10,158,471	9,426,510	8,990,679	8,751,633	8,402,857	8,245,364	8,242,341
Other N Atlantic	World	Extractive	13,768,119	5,368,089	6,332,493	6,603,518	6,684,804	6,616,419	6,484,073	6,530,159	6,792,828	7,219,503	7,916,006
Gulf Coast	World	Extractive	16,341,496	7,206,923	5,815,008	5,923,446	6,072,429	6,075,534	6,041,002	6,085,452	6,212,308	6,515,413	6,906,718
South Pacific	World	Extractive	8,273,614	6,739,235	4,470,417	4,833,825	4,940,688	5,323,952	5,488,910	5,849,577	6,752,189	7,799,180	9,154,774
North Pacific	World	Extractive	2,183,306	1,031,498	1,722,723	1,850,946	1,881,668	2,005,552	2,051,129	2,164,792	2,467,242	2,831,881	3,319,785
Alaska	World	Extractive	2,762,991	3,988,332	2,748,054	2,932,158	2,971,835	3,058,471	3,074,277	3,200,731	3,567,373	4,039,259	4,702,184
Hawaii	World	Extractive	101,464	102,061	130,616	142,153	147,415	163,983	170,808	183,993	211,847	238,754	269,338
USA	World	Food	27,421,927	26,318,131	23,254,208	24,697,345	25,759,788	30,141,196	32,462,427	35,458,845	42,173,473	50,006,774	57,604,012
Savannah	World	Food	271,630	338,017	538,569	561,030	576,261	656,714	690,137	756,926	976,915	1,338,898	1,841,429
Charleston	World	Food	349,496	638,308	434,926	464,186	488,837	597,427	661,707	767,481	1,088,940	1,581,963	2,259,736
Jacksonville	World	Food	1,144,264	1,323,315	819,882	868,027	895,233	996,484	1,075,400	1,198,041	1,535,627	1,995,516	2,572,596
Miami	World	Food	535,608	640,406	625,834	653,783	667,666	720,178	741,386	768,049	836,611	936,149	1,068,038
Wilmington	World	Food	148,612	108,157	74,343	77,865	80,638	95,895	103,914	112,958	130,828	150,123	164,177
Norfolk	World	Food	963,185	758,327	672,969	710,774	733,639	815,750	839,445	889,600	1,020,894	1,177,003	1,312,452
Other N Atlantic	World	Food	623,784	543,820	597,381	628,030	646,604	757,217	817,077	880,545	1,014,625	1,160,240	1,309,764
Gulf Coast	World	Food	14,578,033	12,128,779	9,505,351	10,282,020	10,793,832	12,516,099	13,451,053	14,706,081	17,477,704	20,572,834	23,685,222
South Pacific	World	Food	4,451,378	4,853,437	4,628,333	4,849,436	4,996,197	5,859,396	6,341,270	6,897,389	8,014,459	9,266,254	10,241,896
North Pacific	World	Food	3,637,768	4,146,270	4,379,484	4,570,735	4,829,969	5,979,180	6,539,811	7,203,857	8,640,235	10,206,768	11,378,075
Alaska	World	Food	519,816	444,371	597,993	626,421	643,667	740,175	795,071	860,750	992,637	1,143,910	1,257,952
Hawaii	World	Food	4,768	5,360	15,490	16,183	16,696	19,637	21,281	23,182	26,975	31,324	34,464

Origin	Destination	Product Group	1995	2000	2003	2004	2005	2010	2015	2020	2030	2040	2050
USA	World	Materials	19,449,772	17,880,499	20,275,036	20,613,798	20,101,679	17,320,517	15,786,394	15,758,387	16,382,136	18,463,731	22,623,351
Savannah	World	Materials	2,178,134	1,786,014	2,185,209	2,259,003	2,229,349	1,901,279	1,760,529	1,820,802	2,047,068	2,482,761	3,208,300
Charleston	World	Materials	1,510,409	1,655,808	1,412,706	1,457,352	1,442,224	1,193,819	1,088,283	1,116,865	1,256,430	1,576,830	2,171,603
Jacksonville	World	Materials	821,382	680,764	538,646	546,822	544,752	546,807	564,356	593,323	679,596	808,401	990,326
Miami	World	Materials	472,872	556,696	697,238	724,240	728,333	742,790	766,360	808,408	898,268	996,668	1,100,311
Wilmington	World	Materials	586,518	439,667	382,642	398,631	389,347	288,192	241,419	231,273	217,445	215,269	223,502
Norfolk	World	Materials	961,275	853,769	1,018,246	1,026,963	1,009,119	901,791	845,545	849,550	918,821	1,225,592	2,066,204
Other N Atlantic	World	Materials	2,327,591	2,371,383	3,409,137	3,424,398	3,312,992	2,796,747	2,478,533	2,400,097	2,309,729	2,417,498	2,780,877
Gulf Coast	World	Materials	3,054,150	2,006,214	1,988,071	2,046,665	2,019,976	1,753,219	1,669,928	1,729,893	1,968,952	2,469,744	3,409,091
South Pacific	World	Materials	4,024,908	4,764,180	5,940,737	5,951,712	5,769,884	5,006,621	4,446,541	4,272,604	4,035,396	4,020,199	4,212,873
North Pacific	World	Materials	3,319,820	2,567,990	2,427,004	2,496,640	2,381,615	1,975,053	1,741,213	1,759,218	1,883,471	2,081,043	2,273,775
Alaska	World	Materials	126,798	836	464	457	445	396	354	329	288	276	292
Hawaii	World	Materials	33,309	50,482	49,993	49,038	47,552	40,661	36,099	35,012	33,194	32,690	33,643
USA	World	Consumer Goods	1,041,702	1,308,662	1,182,537	1,239,796	1,291,609	1,542,364	1,836,988	2,247,252	3,891,876	7,995,170	16,780,077
Savannah	World	Consumer Goods	28,185	25,015	46,700	48,891	51,211	62,264	73,813	88,786	134,198	211,429	337,027
Charleston	World	Consumer Goods	50,442	61,200	47,917	50,326	52,616	64,341	76,735	94,297	165,420	358,674	840,835
Jacksonville	World	Consumer Goods	24,533	15,452	10,037	10,427	10,679	11,704	12,530	13,227	14,942	17,237	20,040
Miami	World	Consumer Goods	180,780	351,216	226,328	230,593	233,499	244,993	253,998	262,023	280,606	304,273	331,339
Wilmington	World	Consumer Goods	3,416	2,304	1,227	1,309	1,385	1,738	2,204	2,862	5,529	11,955	25,077
Norfolk	World	Consumer Goods	57,339	57,311	55,676	58,338	61,264	75,910	92,958	119,454	257,854	719,578	1,875,527
Other N Atlantic	World	Consumer Goods	175,942	196,423	208,825	217,927	226,658	272,516	322,595	389,950	645,461	1,233,655	2,373,020
Gulf Coast	World	Consumer Goods	67,018	137,097	139,862	145,268	150,326	178,662	205,648	239,269	357,556	645,964	1,265,313
South Pacific	World	Consumer Goods	356,560	362,312	349,505	373,867	395,392	495,715	625,579	810,734	1,575,206	3,457,347	7,339,049
North Pacific	World	Consumer Goods	69,333	59,350	60,854	66,116	70,801	92,608	125,048	174,781	379,082	899,267	2,119,073
Alaska	World	Consumer Goods	157	20	18	20	21	25	31	38	63	112	207
Hawaii	World	Consumer Goods	86	131	146	155	163	203	254	328	636	1,404	2,993
USA	World	Chemicals	45,999,506	51,269,580	53,368,603	55,208,002	55,433,898	58,291,358	61,734,948	66,987,489	84,726,884	122,318,572	197,189,249
Savannah	World	Chemicals	459,276	512,635	791,594	812,872	819,072	897,405	997,361	1,127,012	1,551,078	2,423,500	4,183,444
Charleston	World	Chemicals	1,179,361	1,012,606	1,107,484	1,129,896	1,136,215	1,293,814	1,470,729	1,695,031	2,522,915	4,570,847	8,998,006
Jacksonville	World	Chemicals	262,997	113,069	214,422	223,442	225,162	240,569	257,139	277,373	343,558	468,148	691,452
Miami	World	Chemicals	235,438	317,612	299,575	307,319	309,416	325,799	342,710	359,998	439,607	650,990	1,097,211
Wilmington	World	Chemicals	61,483	168,832	35,684	36,980	37,722	41,406	46,218	53,253	77,323	130,793	247,059
Norfolk	World	Chemicals	551,462	747,187	836,275	857,413	861,091	940,023	1,033,369	1,165,586	1,658,881	2,858,610	5,432,790
Other N Atlantic	World	Chemicals	1,618,150	1,722,985	2,160,808	2,210,570	2,201,139	2,387,335	2,579,898	2,850,792	3,858,427	6,105,768	10,681,029
Gulf Coast	World	Chemicals	25,564,191	32,633,891	32,759,933	33,827,204	34,019,661	35,051,012	36,643,230	39,334,634	48,354,368	67,008,335	102,872,083
South Pacific	World	Chemicals	9,746,732	8,151,391	6,747,155	6,963,092	7,052,530	7,540,891	8,204,284	9,178,223	12,439,624	19,158,650	32,553,184
North Pacific	World	Chemicals	4,074,382	3,378,883	4,841,207	5,047,627	5,050,473	5,393,713	5,692,426	6,087,248	7,528,887	10,991,280	18,646,016
Alaska	World	Chemicals	424,892	527,036	663,576	690,400	708,176	786,313	883,767	1,021,259	1,441,134	2,234,276	3,870,590
Hawaii	World	Chemicals	737,066	517,785	276,869	287,801	295,049	326,387	365,877	422,143	595,087	923,948	1,603,147

Origin	Destination	Product Group	1995	2000	2003	2004	2005	2010	2015	2020	2030	2040	2050
USA	World	High Technology	420,976	465,430	448,635	476,454	504,974	684,233	921,087	1,314,288	3,446,833	10,365,122	27,268,274
Savannah	World	High Technology	32,383	35,802	34,510	36,704	38,953	53,131	72,000	103,590	278,178	858,102	2,301,141
Charleston	World	High Technology	32,383	35,802	34,510	36,645	38,815	52,479	70,487	100,249	260,688	776,664	2,025,321
Jacksonville	World	High Technology	32,383	35,802	34,510	36,571	38,677	51,808	68,886	96,668	240,083	676,751	1,689,156
Miami	World	High Technology	32,383	35,802	34,510	36,607	38,744	52,134	69,660	98,382	249,638	722,935	1,845,866
Wilmington	World	High Technology	32,383	35,802	34,510	36,709	38,982	53,330	72,499	104,812	285,861	896,409	2,434,145
Norfolk	World	High Technology	32,383	35,802	34,510	36,668	38,872	52,735	71,069	101,478	265,778	796,074	2,085,617
Other N Atlantic	World	High Technology	32,383	35,802	34,510	36,547	38,622	51,482	68,126	95,002	231,896	640,756	1,572,302
Gulf Coast	World	High Technology	32,383	35,802	34,510	36,556	38,627	51,575	68,377	95,559	234,657	653,729	1,617,596
South Pacific	World	High Technology	32,383	35,802	34,510	36,709	38,982	53,330	72,499	104,812	285,861	896,409	2,434,145
North Pacific	World	High Technology	32,383	35,802	34,510	36,612	38,755	52,239	69,986	99,300	256,610	758,069	1,960,551
Alaska	World	High Technology	32,383	35,802	34,510	36,709	38,982	53,330	72,499	104,812	285,861	896,409	2,434,145
Hawaii	World	High Technology	32,383	35,802	34,510	36,709	38,982	53,330	72,499	104,812	285,861	896,409	2,434,145
USA	World	Intermed. Manufact.	6,721,346	3,438,961	4,674,500	4,876,482	5,084,764	6,248,033	7,630,942	8,989,222	12,948,860	20,335,168	34,122,793
Savannah	World	Intermed. Manufact.	89,153	110,978	121,859	128,208	131,581	155,895	186,435	216,235	304,156	464,426	763,491
Charleston	World	Intermed. Manufact.	212,899	259,046	374,770	391,583	404,900	490,652	585,721	682,467	990,649	1,644,215	2,884,534
Jacksonville	World	Intermed. Manufact.	79,418	62,917	48,172	49,525	49,644	51,641	52,925	53,628	56,335	60,392	64,905
Miami	World	Intermed. Manufact.	226,989	236,647	208,973	224,732	236,505	303,314	383,988	483,684	860,654	1,691,850	3,165,293
Wilmington	World	Intermed. Manufact.	43,789	5,364	26,241	27,572	28,750	35,749	45,261	56,095	94,715	184,498	380,193
Norfolk	World	Intermed. Manufact.	164,963	250,892	258,377	270,060	280,953	341,815	414,801	490,311	730,009	1,264,378	2,431,384
Other N Atlantic	World	Intermed. Manufact.	924,418	546,893	1,081,826	1,130,423	1,187,661	1,477,062	1,818,028	2,150,058	3,105,501	4,964,475	8,725,608
Gulf Coast	World	Intermed. Manufact.	1,831,224	493,279	808,179	843,219	878,430	1,073,310	1,303,711	1,519,569	2,098,561	3,030,288	4,566,135
South Pacific	World	Intermed. Manufact.	1,192,860	824,388	689,201	722,392	744,573	892,174	1,083,733	1,272,672	1,863,490	3,006,394	5,220,826
North Pacific	World	Intermed. Manufact.	648,599	235,066	228,281	236,903	245,640	293,968	351,880	406,652	586,290	943,506	1,668,998
Alaska	World	Intermed. Manufact.	270	30	53	55	57	68	82	94	132	199	322
Hawaii	World	Intermed. Manufact.	271	1,671	1,075	1,104	1,166	1,401	1,656	1,867	2,335	2,976	4,001
USA	World	Capital Equipment	2,819,986	2,451,718	2,396,955	2,536,061	2,632,882	3,166,483	3,708,108	4,290,262	5,968,851	8,728,246	13,241,906
Savannah	World	Capital Equipment	141,050	132,531	125,000	135,231	136,802	164,399	195,158	227,494	314,166	445,778	653,982
Charleston	World	Capital Equipment	188,864	188,151	170,055	177,481	184,523	215,301	242,241	268,821	343,142	462,532	651,184
Jacksonville	World	Capital Equipment	57,623	31,752	35,692	36,685	37,137	40,091	42,054	43,706	50,097	65,291	99,310
Miami	World	Capital Equipment	272,259	221,584	183,684	193,084	198,002	230,763	255,860	276,055	329,276	400,798	489,865
Wilmington	World	Capital Equipment	25,064	23,218	8,308	8,711	9,193	11,792	14,630	17,820	27,222	43,205	70,352
Norfolk	World	Capital Equipment	245,370	189,196	171,469	179,249	184,642	216,363	245,429	273,147	348,407	468,145	658,545
Other N Atlantic	World	Capital Equipment	431,240	352,481	446,101	473,354	494,191	598,414	694,982	793,289	1,061,712	1,479,583	2,137,085
Gulf Coast	World	Capital Equipment	631,371	519,031	467,334	493,407	510,390	610,632	706,156	807,702	1,136,281	1,713,390	2,597,472
South Pacific	World	Capital Equipment	602,725	530,875	508,878	541,835	566,150	700,463	865,179	1,059,331	1,615,861	2,539,889	4,147,239
North Pacific	World	Capital Equipment	159,948	160,712	148,692	158,773	166,917	209,958	260,418	318,508	483,991	755,908	1,224,089
Alaska	World	Capital Equipment	222	89	9	10	10	12	13	14	18	23	31
Hawaii	World	Capital Equipment	769	576	835	879	929	1,166	1,459	1,812	2,861	4,696	7,979

Origin	Destination	Product Group	1995	2000	2003	2004	2005	2010	2015	2020	2030	2040	2050
USA	World	Motor Vehicles	1,663,302	1,193,706	1,318,534	1,386,017	1,440,968	1,827,707	2,147,354	2,493,247	3,632,140	6,317,531	12,201,909
Savannah	World	Motor Vehicles	43,462	74,604	94,180	101,184	107,002	144,400	181,976	223,809	338,165	530,970	851,071
Charleston	World	Motor Vehicles	28,534	102,005	150,887	154,680	158,814	230,573	294,039	353,542	483,715	633,245	793,921
Jacksonville	World	Motor Vehicles	77,640	87,250	116,403	119,856	122,043	160,175	195,362	228,868	304,947	397,131	501,296
Miami	World	Motor Vehicles	171,556	112,750	94,599	102,030	105,579	130,534	144,878	159,420	194,740	237,715	287,254
Wilmington	World	Motor Vehicles	2,898	875	2,845	3,093	3,372	3,947	4,158	4,489	5,183	5,882	6,671
Norfolk	World	Motor Vehicles	142,427	73,672	45,064	46,329	46,988	55,006	58,094	59,667	66,962	88,042	133,808
Other N Atlantic	World	Motor Vehicles	454,814	216,622	264,841	273,297	279,717	316,216	325,206	335,423	411,251	653,204	1,173,750
Gulf Coast	World	Motor Vehicles	73,902	57,737	65,859	70,649	72,773	88,867	100,954	115,170	173,243	348,355	799,629
South Pacific	World	Motor Vehicles	487,036	290,463	259,288	280,449	298,498	386,635	486,509	615,806	1,160,789	2,769,707	6,703,379
North Pacific	World	Motor Vehicles	147,238	66,070	89,063	95,288	102,835	120,611	139,435	161,412	225,526	348,733	583,182
Alaska	World	Motor Vehicles	28	14	0	0	0	0	0	0	1	2	5
Hawaii	World	Motor Vehicles	240	316	160	171	184	213	244	284	429	812	1,715

Table A-5. Containerized Tonnes of Imports to US South Atlantic Coast Ports and Other Coasts, by World Trade Route, for All Commodties: 1995 - 2050 (selected years)

Destination	Origin	Product Group	1995	2000	2003	2004	2005	2010	2015	2020	2030	2040	2050
USA	World	All Commodities	43,668,120	70,432,286	83,924,683	87,715,698	94,183,075	121,619,709	140,610,872	159,479,498	208,004,390	271,444,015	351,291,751
USA	Percent Change	All Commodities	NA	10.03%	6.02%	4.52%	7.37%	5.25%	2.94%	2.55%	2.69%	2.70%	2.61%
Savannah	World	All Commodities	1,307,526	2,106,325	3,154,499	3,287,391	3,554,627	4,753,187	5,586,015	6,473,756	8,808,387	11,895,628	15,548,339
Savannah	Percent Change	All Commodities	NA	10.01%	14.41%	4.21%	8.13%	5.98%	3.28%	2.99%	3.13%	3.05%	2.71%
Savannah	Africa	All Commodities	10,724	10,636	11,203	10,025	10,048	11,703	12,911	14,134	17,064	20,586	24,429
Savannah	Central America	All Commodities	39,516	50,030	152,333	146,419	153,645	177,948	189,687	201,271	229,631	263,664	308,956
Savannah	East Coast S America	All Commodities	228,841	234,303	309,058	325,509	343,740	401,423	438,834	474,941	558,515	654,438	762,215
Savannah	Eastern Europe	All Commodities	69,252	33,856	44,104	45,272	49,133	75,734	113,888	167,442	337,999	599,989	919,166
Savannah	India	All Commodities	18,845	75,547	90,099	90,220	95,110	123,611	142,601	160,914	207,438	266,213	329,040
Savannah	Middle East	All Commodities	5,566	15,291	18,260	19,379	20,487	26,334	30,085	34,645	46,611	64,131	89,076
Savannah	Mediterranean	All Commodities	34,845	58,828	81,774	88,452	99,706	126,041	139,319	152,544	183,232	222,790	275,543
Savannah	North America	All Commodities	26,962	8,511	24,162	26,167	27,558	32,583	37,356	42,536	55,891	75,487	104,798
Savannah	NE Asia	All Commodities	524,914	876,766	1,546,205	1,628,253	1,788,766	2,556,181	3,109,187	3,708,564	5,278,444	7,336,021	9,681,474
Savannah	North Europe	All Commodities	176,612	364,035	367,166	404,129	433,877	573,892	662,379	743,190	972,477	1,303,299	1,748,675
Savannah	Oceania	All Commodities	22,739	27,406	72,612	67,368	69,661	96,878	117,936	137,347	185,596	258,502	370,814
Savannah	Europe, Other	All Commodities	2,949	30,541	21,317	13,268	13,212	14,312	14,716	15,123	15,954	16,422	16,731
Savannah	SE Asia	All Commodities	126,602	304,707	346,835	353,757	378,700	450,313	477,552	506,272	569,841	626,062	684,825
Savannah	West Coast S America	All Commodities	19,160	15,868	69,373	69,172	70,984	86,232	99,563	114,835	149,693	188,025	232,598
Charleston	World	All Commodities	1,261,537	2,437,615	3,363,179	3,502,757	3,787,706	5,035,660	5,924,561	6,823,126	9,112,316	12,093,056	15,727,325
Charleston	Percent Change	All Commodities	NA	14.08%	11.33%	4.15%	8.13%	5.86%	3.30%	2.86%	2.94%	2.87%	2.66%
Charleston	Africa	All Commodities	18,764	25,520	55,783	58,007	61,673	82,354	97,885	113,701	149,896	192,064	234,835
Charleston	Central America	All Commodities	7,672	26,580	40,844	40,447	43,866	51,309	56,648	61,353	72,982	87,169	104,462
Charleston	East Coast S America	All Commodities	87,206	266,001	505,279	540,424	594,010	773,031	935,957	1,089,428	1,452,887	1,890,056	2,384,763
Charleston	Eastern Europe	All Commodities	24,055	96,831	107,852	108,699	114,915	158,013	198,316	244,167	375,649	561,457	781,146
Charleston	India	All Commodities	96,147	124,838	291,973	294,034	306,181	402,085	475,595	540,906	706,400	910,656	1,139,111
Charleston	Middle East	All Commodities	6,105	13,032	30,114	32,603	34,490	45,794	52,079	61,440	88,007	127,286	178,925
Charleston	Mediterranean	All Commodities	49,997	148,357	183,270	194,637	215,504	288,711	337,651	388,520	514,991	677,542	881,708
Charleston	North America	All Commodities	12,189	8,682	6,310	6,672	6,865	7,792	8,824	10,079	13,568	18,837	26,646
Charleston	NE Asia	All Commodities	280,597	510,264	681,299	711,650	777,788	1,124,025	1,379,152	1,654,360	2,385,573	3,381,944	4,608,093
Charleston	North Europe	All Commodities	455,836	791,270	939,191	1,003,383	1,088,091	1,396,494	1,594,875	1,797,641	2,336,638	3,089,429	4,112,837
Charleston	Oceania	All Commodities	49,315	28,349	77,442	72,718	75,171	96,230	110,470	120,917	144,935	176,041	218,066
Charleston	Europe, Other	All Commodities	10,983	46,594	80,727	64,491	66,061	76,438	84,334	92,402	110,435	128,950	145,259
Charleston	SE Asia	All Commodities	131,649	245,861	165,044	167,554	175,845	208,310	224,050	242,104	284,754	328,351	374,447
Charleston	West Coast S America	All Commodities	31,022	105,434	198,050	207,438	227,247	325,072	368,726	406,107	475,602	523,275	537,027

Destination	Origin	Product Group	1995	2000	2003	2004	2005	2010	2015	2020	2030	2040	2050
Jacksonville	World	All Commodities	1,280,854	2,059,019	2,696,401	2,823,007	3,042,724	3,902,856	4,547,446	5,245,877	7,159,019	9,845,401	13,154,390
Jacksonville	Percent Change	All Commodities	NA	9.96%	9.41%	4.70%	7.78%	5.11%	3.10%	2.90%	3.16%	3.24%	2.94%
Jacksonville	Africa	All Commodities	3,563	11,660	13,894	15,720	17,564	22,093	27,035	32,880	47,253	66,795	89,781
Jacksonville	Central America	All Commodities	177,211	240,384	352,548	347,722	376,788	419,764	454,517	478,938	542,867	622,777	726,863
Jacksonville	East Coast S America	All Commodities	329,053	595,605	809,481	859,578	921,930	1,179,201	1,340,471	1,500,420	1,925,717	2,560,187	3,426,988
Jacksonville	Eastern Europe	All Commodities	105,813	122,379	158,867	167,965	186,154	302,173	481,683	746,069	1,584,109	2,869,973	4,433,044
Jacksonville	India	All Commodities	2,757	3,312	23,873	24,736	28,270	44,488	57,391	72,180	113,299	174,217	257,891
Jacksonville	Middle East	All Commodities	863	1,291	1,484	1,523	1,633	2,397	3,329	4,423	7,375	11,841	18,341
Jacksonville	Mediterranean	All Commodities	57,984	41,884	98,698	108,689	122,433	154,995	173,000	190,346	227,820	270,075	320,928
Jacksonville	North America	All Commodities	56,835	104,011	109,200	116,784	122,178	141,032	151,069	157,583	176,607	204,822	245,494
Jacksonville	NE Asia	All Commodities	155,803	274,536	285,902	296,997	324,111	485,977	619,076	760,451	1,122,223	1,606,031	2,193,685
Jacksonville	North Europe	All Commodities	209,443	234,164	411,269	431,746	440,910	488,597	496,971	489,990	483,557	483,993	497,347
Jacksonville	Oceania	All Commodities	13,756	9,361	12,440	11,719	10,128	12,755	15,007	16,099	17,797	19,798	22,349
Jacksonville	Europe, Other	All Commodities	232	4,532	29,329	21,614	23,600	34,314	46,404	57,771	80,622	100,680	114,004
Jacksonville	SE Asia	All Commodities	47,013	176,462	76,604	82,128	96,380	132,311	149,707	168,385	205,173	232,491	253,453
Jacksonville	West Coast S America	All Commodities	120,529	239,437	312,810	336,086	370,644	482,759	531,785	570,342	624,602	621,721	554,223
Miami	World	All Commodities	1,364,825	2,237,289	3,023,402	3,171,822	3,444,352	4,499,876	5,292,710	6,121,626	8,351,668	11,460,791	15,562,895
Miami	Percent Change	All Commodities	NA	10.39%	10.56%	4.91%	8.59%	5.49%	3.30%	2.95%	3.16%	3.22%	3.11%
Miami	Africa	All Commodities	899	5,040	8,631	9,399	10,431	13,110	15,536	18,177	23,653	30,275	38,075
Miami	Central America	All Commodities	271,206	525,560	651,902	644,221	671,315	756,610	831,260	904,593	1,093,728	1,333,035	1,643,538
Miami	East Coast S America	All Commodities	407,524	351,901	390,079	391,960	401,018	425,338	440,814	455,462	487,897	521,597	555,459
Miami	Eastern Europe	All Commodities	2,235	20,321	49,084	52,077	58,433	101,986	166,656	256,334	548,225	1,005,555	1,564,543
Miami	India	All Commodities	8,869	15,603	25,451	25,484	26,952	35,491	41,351	46,796	62,408	83,347	106,773
Miami	Middle East	All Commodities	4,787	3,724	6,976	7,195	7,595	8,995	10,035	11,339	15,079	21,126	30,435
Miami	Mediterranean	All Commodities	98,839	227,525	323,394	357,495	407,383	567,382	650,212	732,206	931,823	1,193,369	1,538,801
Miami	North America	All Commodities	843	6,113	17,071	17,456	17,586	18,575	18,931	19,579	20,116	20,362	19,858
Miami	NE Asia	All Commodities	180,368	267,390	448,904	468,029	512,744	749,772	954,293	1,174,218	1,748,370	2,509,833	3,440,684
Miami	North Europe	All Commodities	213,204	526,213	721,106	819,348	936,853	1,351,331	1,642,320	1,928,875	2,727,209	3,922,334	5,664,204
Miami	Oceania	All Commodities	380	2,754	17,742	17,497	18,221	23,623	30,504	38,172	57,979	85,079	120,408
Miami	Europe, Other	All Commodities	1,707	11,304	20,199	21,358	23,633	21,213	20,987	21,182	21,849	22,190	22,217
Miami	SE Asia	All Commodities	67,918	120,409	119,435	120,034	126,693	153,936	166,225	180,603	215,247	251,105	288,606
Miami	West Coast S America	All Commodities	106,047	153,431	223,428	220,270	225,497	272,513	303,586	334,092	398,085	461,583	529,293
Wilmington	World	All Commodities	500,971	636,237	733,502	772,656	839,625	1,209,221	1,581,015	2,015,153	3,362,706	5,615,288	9,110,141
Wilmington	Percent Change	All Commodities	NA	4.90%	4.86%	5.34%	8.67%	7.57%	5.51%	4.97%	5.25%	5.26%	4.96%
Wilmington	Africa	All Commodities	2,318	581	2,775	3,384	4,425	6,348	7,991	10,040	15,413	23,416	35,335
Wilmington	Central America	All Commodities	16,540	13,965	46,534	46,187	53,624	72,804	93,736	118,811	193,319	321,568	553,810
Wilmington	East Coast S America	All Commodities	80,832	24,068	80,855	87,601	94,008	126,744	165,648	216,454	380,409	685,772	1,246,079
Wilmington	Eastern Europe	All Commodities	25,989	55,773	54,263	55,640	59,176	76,211	91,941	106,621	136,927	155,011	162,862
Wilmington	India	All Commodities	7,523	18,852	2,572	2,658	2,864	4,104	5,270	5,835	9,848	17,900	34,656
Wilmington	Middle East	All Commodities	1,566	4,048	4,118	4,497	4,978	7,820	11,118	14,932	25,296	41,106	64,247
Wilmington	Mediterranean	All Commodities	6,468	15,245	7,253	8,350	9,731	12,214	13,856	16,141	24,581	42,789	80,128
Wilmington	North America	All Commodities	46,093	24,777	10,586	10,799	10,689	9,891	9,187	8,795	9,070	10,569	13,295
Wilmington	NE Asia	All Commodities	165,412	274,084	297,222	312,466	343,075	518,964	674,295	841,290	1,272,979	1,847,123	2,569,341
Wilmington	North Europe	All Commodities	77,216	91,851	88,958	97,210	100,174	139,967	173,952	196,199	254,873	317,814	382,842
Wilmington	Oceania	All Commodities	5,696	347	380	392	441	736	974	1,267	2,184	3,849	6,880
Wilmington	Europe, Other	All Commodities	1,163	165	5,456	2,639	3,019	5,392	9,159	15,064	37,098	79,554	152,423
Wilmington	SE Asia	All Commodities	52,922	103,860	104,300	108,066	115,395	154,941	194,161	241,625	389,999	615,333	942,360
Wilmington	West Coast S America	All Commodities	11,234	8,621	28,230	32,768	38,024	73,084	129,728	222,079	610,708	1,453,485	2,865,883

Destination	Origin	Product Group	1995	2000	2003	2004	2005	2010	2015	2020	2030	2040	2050
Norfolk	World	All Commodities	1,654,417	2,412,844	3,230,294	3,333,337	3,541,441	4,605,270	5,282,095	5,960,689	7,609,389	9,541,578	11,711,690
Norfolk	Percent Change	All Commodities	NA	7.84%	10.21%	3.19%	6.24%	5.39%	2.78%	2.45%	2.47%	2.29%	2.07%
Norfolk	Africa	All Commodities	14,323	27,955	35,392	36,979	39,868	47,624	51,309	54,925	64,079	76,375	91,807
Norfolk	Central America	All Commodities	15,947	12,217	17,155	17,482	18,199	20,457	22,171	23,728	28,037	33,849	40,707
Norfolk	East Coast S America	All Commodities	254,861	345,574	486,799	525,101	548,574	728,239	839,672	938,639	1,117,889	1,222,930	1,265,911
Norfolk	Eastern Europe	All Commodities	48,326	149,126	149,690	151,460	158,769	196,176	221,770	240,045	281,624	328,162	399,154
Norfolk	India	All Commodities	46,446	98,035	184,728	186,240	192,453	243,041	279,606	307,133	399,310	517,470	650,584
Norfolk	Middle East	All Commodities	3,409	9,143	14,529	15,553	16,370	21,076	22,430	24,903	31,125	38,966	47,846
Norfolk	Mediterranean	All Commodities	204,750	204,032	162,669	170,052	183,419	213,899	232,334	249,652	289,087	328,302	363,760
Norfolk	North America	All Commodities	51,362	51,884	56,928	62,327	67,078	86,445	98,986	109,428	134,889	169,677	219,074
Norfolk	NE Asia	All Commodities	176,996	423,387	829,377	851,305	935,147	1,398,787	1,685,498	1,999,427	2,798,771	3,779,313	4,840,816
Norfolk	North Europe	All Commodities	655,652	803,158	894,659	914,569	962,672	1,113,912	1,213,401	1,305,427	1,498,941	1,708,504	1,954,993
Norfolk	Oceania	All Commodities	12,970	32,769	35,210	32,406	34,646	47,547	52,150	54,755	64,138	74,674	85,560
Norfolk	Europe, Other	All Commodities	11,092	23,166	34,474	33,250	33,814	35,976	38,281	40,316	45,965	52,515	59,867
Norfolk	SE Asia	All Commodities	148,550	219,142	256,104	262,654	275,100	350,237	394,650	450,210	600,099	803,320	1,049,968
Norfolk	West Coast S America	All Commodities	9,734	13,255	72,581	73,959	75,334	101,855	129,837	162,102	255,436	407,520	641,641
Other N Atlantic	World	All Commodities	10,549,036	16,187,158	20,439,880	21,534,362	23,001,096	28,498,222	32,106,756	35,452,847	43,862,675	54,418,313	67,491,475
Other N Atlantic	Percent Change	All Commodities	NA	8.94%	8.09%	5.35%	6.81%	4.38%	2.41%	2.00%	2.15%	2.18%	2.18%
Other N Atlantic	Africa	All Commodities	192,969	305,511	356,137	404,043	452,855	541,683	573,525	596,079	642,069	708,424	791,058
Other N Atlantic	Central America	All Commodities	330,539	494,128	504,049	524,383	542,870	590,397	602,437	599,104	607,938	642,976	715,212
Other N Atlantic	East Coast S America	All Commodities	1,916,370	2,970,442	2,917,028	3,165,815	3,436,342	4,302,625	4,974,341	5,649,399	7,458,600	9,983,563	13,464,366
Other N Atlantic	Eastern Europe	All Commodities	268,512	967,504	1,383,047	1,465,088	1,530,366	1,809,911	1,977,090	2,074,439	2,177,083	2,171,357	2,291,631
Other N Atlantic	India	All Commodities	262,508	619,505	836,366	870,730	923,431	1,282,683	1,529,189	1,741,195	2,339,635	3,118,515	4,025,653
Other N Atlantic	Middle East	All Commodities	58,737	79,547	106,981	113,130	119,635	149,808	158,838	170,686	197,341	229,013	267,622
Other N Atlantic	Mediterranean	All Commodities	541,178	794,499	898,567	980,834	1,082,520	1,312,086	1,430,458	1,524,885	1,762,274	2,026,954	2,317,097
Other N Atlantic	North America	All Commodities	870,152	1,078,177	1,908,427	2,096,107	2,208,208	2,564,394	2,811,671	2,982,200	3,358,188	3,852,745	4,628,620
Other N Atlantic	NE Asia	All Commodities	1,277,813	2,032,612	3,120,006	3,184,292	3,473,318	4,825,871	5,701,394	6,534,918	8,547,172	10,831,582	12,930,597
Other N Atlantic	North Europe	All Commodities	3,189,858	4,691,783	5,540,049	5,826,917	6,224,875	7,447,296	8,365,800	9,301,226	11,682,324	14,739,809	18,665,265
Other N Atlantic	Oceania	All Commodities	273,778	331,380	487,062	444,959	483,803	692,784	737,034	757,833	862,725	985,079	1,102,844
Other N Atlantic	Europe, Other	All Commodities	34,138	100,185	140,856	137,672	143,526	157,782	169,074	179,701	213,079	260,210	320,562
Other N Atlantic	SE Asia	All Commodities	731,753	969,836	1,185,885	1,264,162	1,304,048	1,567,777	1,691,168	1,825,877	2,152,083	2,539,367	2,970,350
Other N Atlantic	West Coast S America	All Commodities	600,731	752,047	1,055,420	1,056,230	1,075,298	1,253,125	1,384,737	1,515,306	1,862,163	2,328,719	3,000,597
Gulf Coast	World	All Commodities	7,586,500	12,154,252	12,045,686	12,747,086	13,665,612	16,948,769	19,287,537	21,300,566	26,156,375	32,055,260	39,366,497
Gulf Coast	Percent Change	All Commodities	NA	9.88%	-0.30%	5.82%	7.21%	4.40%	2.62%	2.01%	2.07%	2.05%	2.08%
Gulf Coast	Africa	All Commodities	309,446	358,708	312,579	346,788	371,146	400,212	406,807	408,715	444,708	507,110	598,194
Gulf Coast	Central America	All Commodities	1,074,696	1,349,791	1,744,027	1,846,102	1,941,821	2,242,810	2,464,439	2,641,133	3,106,628	3,719,503	4,509,119
Gulf Coast	East Coast S America	All Commodities	2,034,102	2,570,725	2,962,987	3,154,113	3,386,199	4,093,979	4,695,628	5,186,940	6,393,834	7,907,993	9,765,581
Gulf Coast	Eastern Europe	All Commodities	761,149	1,548,293	1,441,883	1,479,003	1,555,507	1,937,745	2,194,108	2,353,502	2,572,287	2,655,291	2,762,939
Gulf Coast	India	All Commodities	105,323	351,451	183,180	191,699	208,244	286,340	333,403	369,559	484,709	637,379	824,440
Gulf Coast	Middle East	All Commodities	71,757	70,015	85,054	87,016	87,490	109,257	119,909	128,222	147,549	170,290	198,044
Gulf Coast	Mediterranean	All Commodities	427,768	670,493	499,251	535,065	586,906	799,496	992,407	1,183,225	1,677,375	2,357,876	3,276,732
Gulf Coast	North America	All Commodities	153,563	128,344	78,575	85,744	90,157	109,413	126,140	144,068	191,795	260,132	360,489
Gulf Coast	NE Asia	All Commodities	605,694	1,132,978	978,563	1,043,967	1,164,117	1,682,915	2,094,914	2,503,568	3,506,994	4,747,890	6,165,458
Gulf Coast	North Europe	All Commodities	1,181,404	2,007,510	2,213,339	2,367,684	2,547,865	3,017,534	3,319,321	3,623,066	4,485,107	5,722,002	7,448,459
Gulf Coast	Oceania	All Commodities	114,599	189,812	103,358	96,307	100,456	139,633	153,548	164,402	187,673	213,391	239,126
Gulf Coast	Europe, Other	All Commodities	15,206	39,684	68,448	64,614	57,927	70,016	83,162	96,423	133,526	186,564	255,010
Gulf Coast	SE Asia	All Commodities	449,605	1,067,753	641,169	672,684	724,979	973,940	1,051,380	1,100,635	1,149,204	1,103,644	1,024,703
Gulf Coast	West Coast S America	All Commodities	282,187	668,695	733,274	776,301	842,797	1,085,479	1,252,372	1,397,110	1,674,988	1,866,196	1,938,204

Destination	Origin	Product Group	1995	2000	2003	2004	2005	2010	2015	2020	2030	2040	2050
South Pacific	World	All Commodities	12,068,591	22,341,303	26,809,877	27,701,290	29,790,735	39,246,872	45,194,238	51,003,213	65,092,670	81,682,207	98,965,594
South Pacific	Percent Change	All Commodities	NA	13.11%	6.27%	3.32%	7.54%	5.67%	2.86%	2.45%	2.47%	2.30%	1.94%
South Pacific	Africa	All Commodities	9,595	24,973	45,775	50,265	47,485	62,845	77,277	91,778	118,764	151,234	195,463
South Pacific	Central America	All Commodities	169,050	262,092	441,992	464,570	491,379	595,668	714,416	838,223	1,179,627	1,679,047	2,396,110
South Pacific	East Coast S America	All Commodities	359,451	412,860	362,058	383,051	410,099	482,402	529,643	564,814	642,898	734,787	858,206
South Pacific	Eastern Europe	All Commodities	29,839	82,269	135,662	136,546	148,178	205,567	246,776	289,793	398,770	546,492	757,189
South Pacific	India	All Commodities	321,944	529,524	616,455	601,510	612,699	728,206	787,667	826,847	949,367	1,096,848	1,266,769
South Pacific	Middle East	All Commodities	20,775	75,723	68,698	72,110	77,945	105,152	124,824	145,984	198,139	267,266	359,155
South Pacific	Mediterranean	All Commodities	88,241	193,225	266,663	283,845	312,364	413,061	468,401	522,939	658,711	837,699	1,074,934
South Pacific	North America	All Commodities	252,471	287,432	270,165	294,756	311,007	380,511	445,027	514,376	691,485	936,410	1,280,124
South Pacific	NE Asia	All Commodities	7,868,628	15,189,958	19,120,441	19,795,351	21,337,974	28,935,009	33,814,634	38,663,448	50,432,914	64,185,478	77,783,082
South Pacific	North Europe	All Commodities	687,420	1,123,468	1,044,043	1,084,930	1,168,351	1,462,993	1,680,421	1,889,051	2,436,999	3,194,683	4,203,648
South Pacific	Oceania	All Commodities	328,888	769,007	642,883	620,847	670,147	859,392	886,980	889,885	916,000	947,199	982,614
South Pacific	Europe, Other	All Commodities	6,947	24,745	41,937	43,877	47,892	48,391	51,780	55,968	67,480	80,176	90,611
South Pacific	SE Asia	All Commodities	1,644,798	2,915,819	3,253,137	3,348,223	3,598,756	4,348,435	4,747,342	5,103,754	5,806,370	6,457,267	7,188,285
South Pacific	West Coast S America	All Commodities	280,546	450,209	499,968	521,408	556,460	619,241	619,051	606,351	595,147	567,622	529,404
North Pacific	World	All Commodities	3,917,741	5,016,212	5,863,911	6,146,654	6,653,469	9,235,549	11,345,311	13,581,270	19,357,158	26,495,641	34,111,429
North Pacific	Percent Change	All Commodities	NA	5.07%	5.34%	4.82%	8.25%	6.78%	4.20%	3.66%	3.61%	3.19%	2.56%
North Pacific	Africa	All Commodities	358	4,829	5,044	5,220	5,583	6,330	6,374	6,454	7,299	8,397	9,047
North Pacific	East Coast S America	All Commodities	24,692	44,237	50,361	55,201	60,783	85,028	110,949	136,282	205,263	299,424	418,148
North Pacific	Eastern Europe	All Commodities	5,615	31,842	28,974	28,014	30,141	42,176	50,725	57,787	71,081	83,577	99,829
North Pacific	India	All Commodities	67,197	111,062	84,472	77,107	73,311	92,317	105,580	118,241	155,373	201,702	248,535
North Pacific	Middle East	All Commodities	518	5,754	4,857	5,137	5,515	7,140	7,940	8,734	10,292	12,253	14,967
North Pacific	Mediterranean	All Commodities	4,320	6,283	7,413	9,394	12,168	16,990	21,052	25,257	36,542	52,490	74,221
North Pacific	North America	All Commodities	244,140	247,757	247,935	274,345	300,501	382,070	447,874	513,989	676,059	894,719	1,189,059
North Pacific	NE Asia	All Commodities	2,692,482	3,356,143	4,465,298	4,736,713	5,143,980	7,289,779	9,030,439	10,889,364	15,709,347	21,630,986	27,673,828
North Pacific	North Europe	All Commodities	38,100	62,813	76,920	75,866	78,605	105,629	123,264	143,290	198,450	277,200	386,299
North Pacific	Oceania	All Commodities	379,258	472,017	232,982	232,035	253,518	358,490	473,150	597,483	936,223	1,383,297	1,975,353
North Pacific	Europe, Other	All Commodities	196	1,911	545	585	683	928	1,165	1,400	1,993	2,760	3,733
North Pacific	SE Asia	All Commodities	360,746	557,661	503,571	484,831	515,238	623,072	681,694	737,710	843,795	910,670	947,284
North Pacific	West Coast S America	All Commodities	68,533	31,897	43,732	41,444	42,573	52,641	57,722	62,127	72,247	83,959	98,173
Alaska	World	All Commodities	160,127	270,013	308,713	323,171	353,310	556,744	769,880	1,043,426	1,975,260	3,911,989	7,864,866
Alaska	Percent Change	All Commodities	NA	11.02%	4.57%	4.68%	9.33%	9.52%	6.70%	6.27%	6.59%	7.07%	7.23%
Alaska	Africa	All Commodities	11	13	40	45	52	85	109	136	205	302	434
Alaska	Central America	All Commodities	2,788	318	906	982	1,113	1,744	2,406	3,241	6,024	11,737	24,347
Alaska	East Coast S America	All Commodities	192	495	911	1,006	1,140	1,872	2,595	3,463	5,930	9,799	15,695
Alaska	Eastern Europe	All Commodities	689	2,912	4,073	4,277	4,507	5,366	5,942	6,381	7,054	7,052	6,893
Alaska	India	All Commodities	199	426	635	691	784	1,272	1,643	2,117	3,654	7,041	15,970
Alaska	Middle East	All Commodities	106	227	232	251	278	425	516	615	861	1,188	1,622
Alaska	Mediterranean	All Commodities	129	371	491	542	613	1,002	1,269	1,560	2,307	3,342	4,765
Alaska	North America	All Commodities	20,670	21,551	36,629	39,805	41,912	50,698	58,915	67,905	91,048	126,206	182,752
Alaska	NE Asia	All Commodities	93,217	172,061	212,189	223,134	248,842	423,906	615,963	865,375	1,735,405	3,584,398	7,404,710
Alaska	North Europe	All Commodities	4,337	3,968	6,076	6,170	6,797	10,331	12,941	15,842	23,369	33,590	47,193
Alaska	Oceania	All Commodities	97	3,269	672	678	728	967	1,086	1,218	1,622	2,255	3,188
Alaska	Europe, Other	All Commodities	25	178	55	55	62	96	123	152	227	326	458
Alaska	SE Asia	All Commodities	37,661	64,158	45,759	45,485	46,424	58,889	66,255	75,274	97,325	124,404	156,312
Alaska	West Coast S America	All Commodities	6	69	44	49	56	91	117	148	230	350	526

Destination	Origin	Product Group	1995	2000	2003	2004	2005	2010	2015	2020	2030	2040	2050
Hawaii	World	All Commodities	267,355	497,392	487,349	532,669	573,507	846,145	1,136,761	1,529,835	2,844,503	5,121,466	8,701,201
Hawaii	Percent Change	All Commodities	NA	13.22%	-0.68%	9.30%	7.67%	8.09%	6.08%	6.12%	6.40%	6.06%	5.44%
Hawaii	Africa	All Commodities	161	22	506	794	879	1,168	1,294	1,421	1,848	2,677	4,328
Hawaii	Central America	All Commodities	511	1,214	2,559	2,640	2,860	3,904	4,906	6,090	9,496	15,045	24,174
Hawaii	East Coast S America	All Commodities	439	1,516	3,025	3,306	3,613	5,039	6,589	8,539	14,842	27,108	52,230
Hawaii	Eastern Europe	All Commodities	112	637	1,182	1,344	1,505	2,296	2,992	3,655	5,341	7,682	11,213
Hawaii	India	All Commodities	372	636	1,598	1,795	2,056	4,093	7,209	12,866	43,218	151,319	525,324
Hawaii	Middle East	All Commodities	177	227	253	274	304	464	568	681	972	1,377	1,950
Hawaii	Mediterranean	All Commodities	137	392	681	820	990	1,519	1,971	2,501	3,989	6,332	10,464
Hawaii	North America	All Commodities	8,125	11,817	1,234	1,284	1,329	1,209	951	755	566	587	781
Hawaii	NE Asia	All Commodities	119,151	279,070	246,545	247,283	272,751	414,858	545,648	691,743	1,094,203	1,728,488	2,801,386
Hawaii	North Europe	All Commodities	4,376	6,358	6,611	6,764	7,446	11,285	14,206	17,525	26,618	40,656	62,988
Hawaii	Oceania	All Commodities	43,677	19,259	30,294	40,333	47,188	43,138	39,832	38,807	48,891	83,274	162,138
Hawaii	Europe, Other	All Commodities	25	178	56	56	64	98	126	156	232	336	478
Hawaii	SE Asia	All Commodities	90,076	176,033	191,546	224,570	230,429	353,663	505,223	737,176	1,576,368	3,016,832	4,958,054
Hawaii	West Coast S America	All Commodities	15	33	1,258	1,405	2,092	3,412	5,246	7,918	17,919	39,753	85,693

Table A-6. Containerized Tonnes of Imports to US South Atlantic Coast Ports and Other Coasts, by World Trade Route, for Commodity Groups: 1995 - 2050 (selected years)

Destination	Origin	Product Group	1995	2000	2003	2004	2005	2010	2015	2020	2030	2040	2050
USA	World	Agriculture	1,833,381	2,844,099	3,504,348	3,458,769	3,580,640	3,771,751	3,873,112	3,688,652	3,967,527	4,367,599	4,866,916
Savannah	World	Agriculture	70,049	126,012	115,454	103,952	105,282	106,072	102,804	93,876	87,185	78,939	67,999
Charleston	World	Agriculture	68,013	162,798	133,860	116,419	119,070	127,109	126,205	115,804	111,398	105,106	95,863
Jacksonville	World	Agriculture	87,981	144,570	217,005	205,949	208,392	209,571	207,376	194,444	180,446	163,783	141,874
Miami	World	Agriculture	94,034	135,183	161,181	159,557	162,639	160,993	160,449	151,943	142,645	131,330	118,177
Wilmington	World	Agriculture	22,064	32,924	95,845	101,824	109,834	166,330	227,693	280,836	450,903	705,590	1,077,282
Norfolk	World	Agriculture	87,603	153,573	156,815	152,493	155,144	159,270	159,009	140,776	141,024	140,484	135,561
Other N Atlantic	World	Agriculture	547,431	835,036	1,078,937	1,056,183	1,079,747	1,131,344	1,151,942	1,066,641	1,131,626	1,221,736	1,306,074
Gulf Coast	World	Agriculture	318,631	454,386	682,941	677,677	699,920	690,997	669,934	618,137	573,574	528,838	465,379
South Pacific	World	Agriculture	374,345	615,697	593,052	600,538	641,716	661,446	653,613	570,350	570,147	578,825	590,331
North Pacific	World	Agriculture	88,982	146,540	216,676	214,289	224,662	257,381	286,242	302,562	360,364	419,801	479,394
Alaska	World	Agriculture	1,949	120	579	663	756	1,106	1,368	1,639	2,296	3,155	4,306
Hawaii	World	Agriculture	2,668	3,556	4,690	4,466	4,806	6,281	8,247	10,682	21,974	45,986	92,522
USA	World	Extractive	2,075,157	2,645,742	3,104,344	3,324,754	3,474,828	3,963,962	4,106,662	4,173,736	4,444,644	4,865,827	5,419,342
Savannah	World	Extractive	37,352	37,608	43,234	47,269	53,176	58,439	56,731	54,593	50,644	48,459	48,742
Charleston	World	Extractive	25,100	15,749	10,694	11,666	12,317	12,944	12,555	12,173	11,764	11,700	11,955
Jacksonville	World	Extractive	60,932	51,695	78,012	80,688	82,808	86,837	88,559	89,869	93,629	97,488	101,555
Miami	World	Extractive	4,875	3,217	7,065	9,005	12,056	14,042	12,878	11,441	8,475	6,791	6,434
Wilmington	World	Extractive	11,741	8,519	9,058	10,320	11,622	13,524	14,224	14,856	16,561	19,409	23,721
Norfolk	World	Extractive	24,666	26,926	27,706	29,137	30,599	37,800	42,098	45,984	56,629	71,906	92,762
Other N Atlantic	World	Extractive	397,856	446,042	563,625	581,628	597,821	669,830	680,110	684,126	722,348	792,667	892,412
Gulf Coast	World	Extractive	1,199,782	1,466,248	1,763,606	1,891,887	1,978,180	2,292,443	2,369,792	2,381,800	2,455,664	2,567,214	2,696,291
South Pacific	World	Extractive	89,164	276,341	225,021	241,953	251,815	293,494	319,877	344,515	420,227	524,332	647,599
North Pacific	World	Extractive	47,307	88,713	92,950	95,232	98,609	115,296	127,347	140,572	181,101	238,250	312,728
Alaska	World	Extractive	767	4,553	2,158	2,276	2,355	2,685	2,944	3,388	5,576	10,958	23,722
Hawaii	World	Extractive	41,625	45,973	65,632	100,471	116,533	106,306	99,709	95,063	91,326	106,585	146,395
USA	World	Food	4,935,988	6,791,344	8,844,879	8,912,582	9,538,160	11,140,518	11,650,458	12,211,358	13,444,658	14,719,072	16,031,504
Savannah	World	Food	147,810	234,241	398,528	389,107	406,330	491,544	546,264	606,854	751,760	932,281	1,167,619
Charleston	World	Food	110,189	180,322	208,536	213,105	231,011	254,859	264,569	277,653	310,184	347,997	392,223
Jacksonville	World	Food	74,007	67,890	82,861	84,803	89,650	114,337	132,608	151,685	193,334	239,924	292,785
Miami	World	Food	194,692	312,283	478,256	492,887	533,812	601,484	640,537	691,128	812,613	948,070	1,101,669
Wilmington	World	Food	20,212	53,981	33,890	34,332	36,750	46,111	53,453	62,668	91,627	144,299	241,700
Norfolk	World	Food	295,979	385,441	493,825	501,364	525,453	586,818	601,736	618,126	654,122	688,868	718,811
Other N Atlantic	World	Food	2,068,283	2,826,055	3,597,835	3,707,744	4,034,214	4,791,495	4,984,659	5,188,329	5,610,764	5,976,872	6,238,331
Gulf Coast	World	Food	588,173	550,067	865,595	881,495	939,459	1,104,100	1,171,103	1,234,997	1,364,583	1,490,398	1,608,429
South Pacific	World	Food	1,211,732	1,959,379	2,438,745	2,370,682	2,491,481	2,852,741	2,938,072	3,037,554	3,241,574	3,407,068	3,486,654
North Pacific	World	Food	183,347	189,755	211,236	202,699	214,272	254,117	268,072	283,188	314,229	341,866	358,799
Alaska	World	Food	898	1,433	2,780	2,848	3,216	5,628	9,306	15,611	43,972	118,075	279,712
Hawaii	World	Food	21,211	22,736	25,185	23,825	24,349	27,266	28,391	29,598	33,410	42,184	65,947

Destination	Origin	Product Group	1995	2000	2003	2004	2005	2010	2015	2020	2030	2040	2050
USA	World	Materials	3,030,549	5,111,901	7,354,936	7,262,662	7,508,182	8,865,633	9,515,837	10,119,199	11,690,248	13,606,581	15,633,168
Savannah	World	Materials	182,218	211,498	324,992	329,398	344,740	402,719	424,956	440,108	474,560	499,543	486,046
Charleston	World	Materials	239,928	410,867	593,941	578,595	591,688	658,513	672,101	676,432	690,607	705,663	705,734
Jacksonville	World	Materials	96,538	234,486	385,999	401,574	431,797	548,714	568,581	566,899	547,140	511,084	469,772
Miami	World	Materials	71,725	121,683	189,396	183,069	185,760	212,693	224,517	233,324	252,377	269,526	275,467
Wilmington	World	Materials	25,448	25,248	23,531	24,623	26,903	38,421	51,505	69,356	130,578	245,455	460,392
Norfolk	World	Materials	157,774	288,028	406,319	399,547	407,421	457,957	478,712	502,388	556,058	612,644	655,280
Other N Atlantic	World	Materials	837,686	1,428,423	2,137,520	2,075,604	2,098,954	2,335,728	2,413,605	2,534,025	2,829,418	3,169,449	3,462,938
Gulf Coast	World	Materials	298,471	448,204	670,773	641,911	645,523	734,889	772,033	793,311	850,907	924,894	1,027,113
South Pacific	World	Materials	799,162	1,590,859	2,119,475	2,122,615	2,239,494	2,763,553	3,036,347	3,236,417	3,689,571	4,044,208	4,018,205
North Pacific	World	Materials	293,699	319,578	378,911	372,973	387,243	472,827	514,765	542,660	607,334	653,516	632,102
Alaska	World	Materials	2,281	4,039	9,131	9,905	10,683	14,295	17,705	22,417	41,972	91,539	201,031
Hawaii	World	Materials	7,377	11,268	8,715	8,877	9,475	12,757	15,738	19,214	30,099	49,105	81,741
USA	World	Consumer Goods	4,825,072	8,914,786	12,665,404	12,719,746	13,572,875	18,209,674	20,795,657	23,798,211	31,528,531	41,318,516	52,579,385
Savannah	World	Consumer Goods	117,268	312,144	604,069	604,030	654,146	925,841	1,054,020	1,205,516	1,575,650	1,973,125	2,256,158
Charleston	World	Consumer Goods	122,759	274,624	395,084	403,497	434,036	596,756	698,626	805,368	1,064,849	1,376,735	1,690,210
Jacksonville	World	Consumer Goods	15,048	20,616	33,967	35,765	37,117	56,112	65,170	80,162	126,742	200,013	284,451
Miami	World	Consumer Goods	186,073	443,450	552,638	551,168	574,712	677,615	748,006	822,100	999,118	1,191,887	1,371,574
Wilmington	World	Consumer Goods	29,814	47,842	52,574	53,124	56,807	76,219	91,684	110,751	163,487	238,027	334,464
Norfolk	World	Consumer Goods	77,733	251,038	510,913	518,038	567,522	843,695	968,388	1,127,781	1,548,456	2,047,524	2,523,751
Other N Atlantic	World	Consumer Goods	711,012	1,099,242	1,697,865	1,738,363	1,874,362	2,574,060	2,958,958	3,391,615	4,487,846	5,830,490	7,159,387
Gulf Coast	World	Consumer Goods	52,683	186,921	301,533	309,595	332,792	440,295	524,492	613,632	842,948	1,134,397	1,475,542
South Pacific	World	Consumer Goods	2,807,019	5,206,180	7,172,174	7,161,237	7,608,273	10,120,232	11,477,775	13,040,602	16,891,863	21,094,311	24,052,931
North Pacific	World	Consumer Goods	691,119	1,045,520	1,310,460	1,308,307	1,391,614	1,822,652	2,079,961	2,377,357	3,110,270	3,912,267	4,476,819
Alaska	World	Consumer Goods	100	29	222	242	279	547	976	1,760	5,918	19,624	59,711
Hawaii	World	Consumer Goods	4,769	7,764	10,887	11,338	12,488	19,523	27,309	38,410	77,210	151,722	274,152
USA	World	Chemicals	8,508,629	13,299,916	15,749,871	16,858,296	17,583,614	20,439,935	22,612,142	24,365,208	28,951,397	35,206,860	43,689,024
Savannah	World	Chemicals	179,892	257,209	452,945	484,710	509,292	627,030	719,008	805,597	1,077,401	1,489,861	1,997,612
Charleston	World	Chemicals	199,896	221,016	434,555	454,970	470,354	571,132	646,052	712,448	911,677	1,203,741	1,557,915
Jacksonville	World	Chemicals	344,491	543,213	896,146	945,644	1,011,806	1,290,426	1,593,157	1,960,127	3,055,385	4,673,528	6,658,407
Miami	World	Chemicals	306,347	354,283	487,130	511,599	537,364	672,348	790,115	906,849	1,304,867	1,963,711	2,851,298
Wilmington	World	Chemicals	162,748	161,468	192,418	204,643	221,206	297,281	392,167	522,097	990,650	1,890,525	3,309,544
Norfolk	World	Chemicals	178,668	232,476	239,873	249,314	258,172	296,919	322,248	336,655	359,692	376,462	403,624
Other N Atlantic	World	Chemicals	3,272,904	4,777,883	6,420,696	6,995,866	7,313,368	8,396,849	9,131,437	9,583,812	10,556,455	11,668,633	13,346,283
Gulf Coast	World	Chemicals	2,239,392	3,549,112	3,860,437	4,069,181	4,219,990	4,727,715	5,049,751	5,219,427	5,483,455	5,595,710	5,746,043
South Pacific	World	Chemicals	864,621	2,233,050	1,801,105	1,960,222	2,100,429	2,551,548	2,906,819	3,203,429	3,858,831	4,486,656	5,088,804
North Pacific	World	Chemicals	475,328	626,075	602,571	616,209	601,368	695,104	754,649	788,937	856,110	894,786	880,204
Alaska	World	Chemicals	29,437	46,279	43,183	47,184	50,893	73,332	105,669	154,219	353,657	813,058	1,656,120
Hawaii	World	Chemicals	24,819	72,844	59,010	60,163	42,171	49,319	53,997	57,432	65,054	73,182	88,110

Destination	Origin	Product Group	1995	2000	2003	2004	2005	2010	2015	2020	2030	2040	2050
USA	World	High Technology	1,653,613	2,759,662	3,027,316	3,089,049	3,352,609	5,237,570	6,879,622	8,673,798	13,164,225	18,995,608	26,282,169
Savannah	World	High Technology	132,013	206,136	225,497	230,969	251,379	398,548	528,163	670,955	1,032,407	1,505,361	2,100,165
Charleston	World	High Technology	132,013	206,136	225,497	230,808	250,814	394,501	520,211	658,085	1,004,685	1,454,120	2,014,644
Jacksonville	World	High Technology	132,013	206,136	225,497	230,313	248,985	382,555	496,278	619,350	922,820	1,306,509	1,773,875
Miami	World	High Technology	132,013	206,136	225,497	230,738	250,559	392,908	516,977	652,813	993,463	1,433,781	1,981,265
Wilmington	World	High Technology	132,013	206,136	225,497	230,964	250,738	392,627	516,632	652,704	995,132	1,439,933	1,996,590
Norfolk	World	High Technology	122,849	220,419	237,018	243,811	265,201	417,319	553,662	704,398	1,085,956	1,591,323	2,233,673
Other N Atlantic	World	High Technology	122,849	220,419	236,923	243,359	263,893	409,239	537,883	678,735	1,030,545	1,488,984	2,063,043
Gulf Coast	World	High Technology	130,042	212,905	226,782	230,834	250,726	390,117	510,308	640,509	964,111	1,382,199	1,901,845
South Pacific	World	High Technology	131,993	229,507	252,093	256,704	278,032	434,306	569,023	715,571	1,080,192	1,551,710	2,139,116
North Pacific	World	High Technology	131,968	229,441	263,104	268,881	291,013	450,198	586,293	733,592	1,097,710	1,564,555	2,140,518
Alaska	World	High Technology	111,372	193,878	222,307	227,903	247,737	388,417	511,047	644,910	980,594	1,419,421	1,971,675
Hawaii	World	High Technology	131,248	228,973	239,849	236,419	256,430	399,449	523,461	659,015	998,828	1,442,709	2,000,877
USA	World	Intermed. Manufact.	11,198,220	20,415,170	19,916,585	21,615,808	24,113,816	33,363,534	41,208,285	49,052,493	68,934,623	95,562,514	130,361,355
Savannah	World	Intermed. Manufact.	283,581	411,412	560,656	630,599	712,347	957,676	1,149,929	1,342,848	1,815,671	2,396,395	3,077,631
Charleston	World	Intermed. Manufact.	160,539	581,716	858,606	950,815	1,081,847	1,544,648	1,887,041	2,217,275	2,994,114	3,943,600	5,104,071
Jacksonville	World	Intermed. Manufact.	365,706	629,350	629,425	679,534	760,748	969,292	1,075,539	1,167,920	1,335,135	1,470,630	1,580,916
Miami	World	Intermed. Manufact.	282,397	582,123	810,342	915,923	1,061,618	1,604,233	2,009,756	2,435,890	3,554,824	5,144,901	7,378,118
Wilmington	World	Intermed. Manufact.	71,337	76,785	77,327	88,211	99,662	145,074	193,977	256,125	461,454	842,964	1,530,452
Norfolk	World	Intermed. Manufact.	356,067	400,497	532,479	573,805	630,933	846,714	1,012,208	1,164,572	1,516,616	1,958,688	2,533,329
Other N Atlantic	World	Intermed. Manufact.	1,739,093	3,435,386	3,251,298	3,575,239	4,041,013	5,726,884	7,281,473	8,828,347	12,654,290	17,698,415	24,366,092
Gulf Coast	World	Intermed. Manufact.	2,520,850	4,939,008	3,267,662	3,592,911	4,087,275	5,853,585	7,359,490	8,777,776	12,178,972	16,414,938	21,678,817
South Pacific	World	Intermed. Manufact.	3,255,194	6,554,141	7,388,352	7,871,154	8,603,571	11,579,595	13,966,274	16,251,075	21,816,228	29,086,906	38,050,311
North Pacific	World	Intermed. Manufact.	1,030,557	1,341,971	1,595,810	1,745,594	1,959,970	2,835,623	3,791,039	4,845,263	7,666,216	11,243,557	15,189,189
Alaska	World	Intermed. Manufact.	13,251	18,992	27,525	31,275	36,463	69,568	119,524	197,980	539,367	1,433,715	3,665,434
Hawaii	World	Intermed. Manufact.	29,928	99,229	66,196	79,107	98,171	209,177	354,025	579,004	1,416,787	2,911,447	5,140,852
USA	World	Capital Equipment	3,103,566	5,022,767	6,653,359	7,139,554	7,848,393	11,358,578	13,599,324	15,915,999	21,739,800	29,402,076	39,165,560
Savannah	World	Capital Equipment	133,436	252,940	342,012	371,241	413,238	627,992	806,339	1,012,209	1,591,451	2,464,854	3,639,858
Charleston	World	Capital Equipment	155,517	295,777	359,414	385,503	426,241	623,668	774,075	945,893	1,413,756	2,098,460	3,038,301
Jacksonville	World	Capital Equipment	39,563	29,451	13,859	14,414	15,376	20,649	25,115	30,608	48,299	79,627	129,251
Miami	World	Capital Equipment	54,781	62,825	88,027	93,374	100,476	134,846	159,982	185,676	249,341	330,994	431,325
Wilmington	World	Capital Equipment	23,489	22,944	22,759	23,948	25,360	32,407	37,868	43,090	56,377	75,367	104,576
Norfolk	World	Capital Equipment	195,289	242,499	376,047	398,797	429,949	577,858	680,620	787,408	1,062,312	1,429,744	1,888,904
Other N Atlantic	World	Capital Equipment	532,433	749,538	943,278	1,031,676	1,143,511	1,666,722	2,044,951	2,455,617	3,511,948	4,914,160	6,650,808
Gulf Coast	World	Capital Equipment	202,818	304,680	361,611	393,428	441,770	623,721	758,622	905,729	1,289,842	1,813,803	2,494,533
South Pacific	World	Capital Equipment	1,299,107	2,434,363	3,379,939	3,599,658	3,941,187	5,688,144	6,655,732	7,588,772	9,759,095	12,323,525	15,388,243
North Pacific	World	Capital Equipment	422,136	587,263	730,063	789,147	870,175	1,307,594	1,585,217	1,867,308	2,569,707	3,447,494	4,388,150
Alaska	World	Capital Equipment	72	688	821	866	918	1,155	1,326	1,481	1,861	2,342	2,933
Hawaii	World	Capital Equipment	1,631	2,685	4,198	4,759	5,476	10,415	18,215	31,151	91,466	266,058	753,677

Destination	Origin	Product Group	1995	2000	2003	2004	2005	2010	2015	2020	2030	2040	2050
USA	World	Motor Vehicles	2,503,945	2,626,898	3,103,640	3,334,478	3,609,958	5,268,554	6,369,773	7,480,845	10,138,736	13,399,361	17,263,329
Savannah	World	Motor Vehicles	23,908	57,124	87,111	96,116	104,698	157,327	197,800	241,199	351,658	506,811	706,508
Charleston	World	Motor Vehicles	47,583	88,609	142,990	157,378	170,326	251,531	323,126	401,994	599,283	845,933	1,116,410
Jacksonville	World	Motor Vehicles	64,575	131,612	133,630	144,323	156,046	224,364	295,062	384,812	656,089	1,102,814	1,721,505
Miami	World	Motor Vehicles	37,888	16,106	23,871	24,501	25,357	28,715	29,492	30,461	33,945	39,798	47,569
Wilmington	World	Motor Vehicles	2,108	389	602	667	744	1,227	1,811	2,670	5,936	13,717	31,420
Norfolk	World	Motor Vehicles	157,791	211,947	249,300	267,030	271,045	380,920	463,413	532,600	628,523	623,936	525,995
Other N Atlantic	World	Motor Vehicles	319,490	369,132	511,903	528,701	554,213	796,071	921,738	1,041,601	1,327,434	1,656,906	2,006,108
Gulf Coast	World	Motor Vehicles	35,658	42,720	44,747	58,168	69,976	90,908	102,013	115,246	152,320	202,868	272,506
South Pacific	World	Motor Vehicles	1,236,255	1,241,786	1,439,923	1,516,526	1,634,737	2,301,813	2,670,705	3,014,928	3,764,941	4,584,666	5,503,400
North Pacific	World	Motor Vehicles	553,297	441,356	462,130	533,322	614,543	1,024,756	1,351,726	1,699,831	2,594,117	3,779,549	5,253,526
Alaska	World	Motor Vehicles	0	4	7	8	8	12	16	23	47	102	224
Hawaii	World	Motor Vehicles	2,080	2,366	2,986	3,245	3,607	5,651	7,669	10,267	18,350	32,487	56,928

Table A-7. Containerized Tonnes of Exports from South Atlantic Coast Ports and Other Coasts, by World Trade Route, for All Commodties: 1995 - 2050 (selected years)

Origin	Destination	Product Group	1995	2000	2003	2004	2005	2010	2015	2020	2030	2040	2050
USA	World	All Commodities	52,079,407	51,663,424	59,866,360	61,938,701	62,671,860	68,156,505	73,311,464	81,026,976	106,038,449	157,207,098	257,492,921
USA	Percent Change	All Commodities	NA	-0.16%	5.03%	3.46%	1.18%	1.69%	1.47%	2.02%	2.73%	4.02%	5.06%
Savannah	World	All Commodities	2,461,566	2,535,755	3,879,928	4,042,908	4,042,517	4,097,605	4,204,825	4,546,836	5,751,825	8,260,339	13,182,596
Savannah	Percent Change	All Commodities	NA	0.60%	15.23%	4.20%	-0.01%	0.27%	0.52%	1.58%	2.38%	3.69%	4.79%
Savannah	Africa	All Commodities	20,059	16,411	18,401	17,603	17,529	20,055	22,993	28,201	63,118	194,904	540,350
Savannah	Central America	All Commodities	75,537	77,185	195,950	204,409	208,072	231,475	250,378	273,550	356,218	561,999	1,006,657
Savannah	East Coast S America	All Commodities	232,511	232,577	148,617	150,606	149,524	158,012	165,073	181,343	223,683	280,747	353,153
Savannah	Eastern Europe	All Commodities	15,856	21,323	62,847	64,364	67,141	81,552	91,920	108,251	177,926	354,280	713,198
Savannah	India	All Commodities	39,454	42,756	78,372	80,239	76,981	81,272	88,885	101,876	160,353	339,148	776,051
Savannah	Middle East	All Commodities	95,964	73,738	72,278	71,461	70,734	74,769	78,296	85,340	105,558	136,037	175,799
Savannah	Mediterranean	All Commodities	117,888	138,886	163,243	165,774	165,773	160,153	169,541	191,422	255,090	353,861	487,676
Savannah	North America	All Commodities	594	1,259	359	346	350	406	463	529	720	1,021	1,432
Savannah	NE Asia	All Commodities	982,947	1,102,116	1,930,910	1,989,338	1,976,538	2,007,433	2,027,614	2,160,904	2,612,216	3,423,674	4,815,105
Savannah	North Europe	All Commodities	578,740	510,412	783,347	808,557	823,289	744,581	706,564	716,474	766,558	873,327	1,024,968
Savannah	Oceania	All Commodities	124,427	136,646	166,171	174,377	166,892	175,514	195,679	222,890	293,828	393,225	514,949
Savannah	Europe, Other	All Commodities	2,252	4,120	3,811	3,972	3,873	2,628	2,085	1,998	1,851	1,777	1,783
Savannah	SE Asia	All Commodities	106,910	129,246	185,139	240,685	244,511	283,241	320,704	376,458	580,745	1,023,547	2,039,183
Savannah	West Coast S America	All Commodities	68,429	49,080	70,483	71,177	71,309	76,513	84,629	97,602	153,961	322,792	732,292
Charleston	World	All Commodities	2,056,106	2,521,756	2,522,798	2,579,246	2,586,736	2,764,538	2,997,287	3,392,062	4,811,514	8,128,076	15,054,946
Charleston	Percent Change	All Commodities	NA	4.17%	0.01%	2.24%	0.29%	1.34%	1.63%	2.51%	3.56%	5.38%	6.36%
Charleston	Africa	All Commodities	24,683	38,174	38,599	37,311	37,261	41,568	46,553	55,579	118,327	366,120	1,033,667
Charleston	Central America	All Commodities	23,226	56,685	73,938	76,380	77,442	87,549	98,094	111,313	169,892	343,376	750,417
Charleston	East Coast S America	All Commodities	82,113	221,299	168,372	174,372	173,812	188,672	200,693	214,567	249,233	293,167	345,864
Charleston	Eastern Europe	All Commodities	61,868	79,077	170,924	176,786	178,815	220,386	249,725	300,937	565,196	1,381,033	3,302,069
Charleston	India	All Commodities	54,827	36,923	118,143	119,766	117,953	133,848	156,591	189,298	313,805	633,945	1,337,068
Charleston	Middle East	All Commodities	52,084	41,257	42,977	42,643	42,640	46,782	50,454	56,044	71,569	94,413	123,899
Charleston	Mediterranean	All Commodities	106,522	194,194	198,634	204,905	208,779	221,371	247,459	285,434	390,376	550,775	773,468
Charleston	North America	All Commodities	486	22	43	43	41	39	40	44	56	74	97
Charleston	NE Asia	All Commodities	614,250	813,289	597,366	610,208	604,161	611,866	626,603	687,184	888,335	1,276,063	1,967,663
Charleston	North Europe	All Commodities	654,377	708,962	791,866	803,703	817,538	843,258	895,964	980,936	1,198,110	1,508,960	1,896,146
Charleston	Oceania	All Commodities	22,282	16,535	16,039	16,697	16,252	16,838	17,973	19,396	23,055	28,072	34,134
Charleston	Europe, Other	All Commodities	3,675	9,902	2,056	2,103	2,150	2,633	2,969	3,351	4,137	4,952	5,680
Charleston	SE Asia	All Commodities	227,626	147,315	148,900	155,688	149,163	166,748	192,218	234,925	416,510	894,659	2,064,331
Charleston	West Coast S America	All Commodities	128,088	158,120	154,941	158,641	160,729	182,982	211,949	253,053	402,913	752,465	1,420,443

Origin	Destination	Product Group	1995	2000	2003	2004	2005	2010	2015	2020	2030	2040	2050
Jacksonville	World	All Commodities	1,398,365	1,251,813	1,173,510	1,189,435	1,193,458	1,320,171	1,445,293	1,609,538	2,158,057	3,274,494	5,351,643
Jacksonville	Percent Change	All Commodities	NA	-2.19%	-2.13%	1.36%	0.34%	2.04%	1.83%	2.18%	2.98%	4.26%	5.04%
Jacksonville	Africa	All Commodities	8,039	3,417	3,446	3,378	3,350	3,553	3,747	4,201	7,063	16,811	42,029
Jacksonville	Central America	All Commodities	192,989	266,796	283,247	283,479	282,411	315,776	342,700	376,646	488,690	719,266	1,144,515
Jacksonville	East Coast S America	All Commodities	341,322	183,729	223,346	226,523	224,068	234,951	242,062	249,862	272,407	302,593	337,929
Jacksonville	Eastern Europe	All Commodities	45,594	117,662	54,612	58,058	63,366	84,357	91,004	105,478	158,968	248,179	382,169
Jacksonville	India	All Commodities	524	1,033	1,224	1,260	1,330	2,069	3,662	7,278	34,224	139,740	416,846
Jacksonville	Middle East	All Commodities	6,388	8,336	7,764	7,567	7,404	7,347	7,221	7,538	8,510	9,932	11,654
Jacksonville	Mediterranean	All Commodities	39,361	88,406	77,917	82,390	83,301	100,903	126,917	153,973	224,664	324,919	452,288
Jacksonville	North America	All Commodities	459	22	847	841	825	981	1,195	1,447	2,046	2,846	3,785
Jacksonville	NE Asia	All Commodities	109,186	77,465	134,942	134,598	135,583	146,316	155,187	163,519	198,533	279,715	450,928
Jacksonville	North Europe	All Commodities	370,529	341,138	205,904	210,607	210,144	223,906	242,407	264,402	318,102	394,349	488,104
Jacksonville	Oceania	All Commodities	24,850	2,229	1,938	1,990	2,033	2,474	2,896	3,411	4,664	6,340	8,385
Jacksonville	Europe, Other	All Commodities	537	167	195	186	184	209	225	246	298	362	431
Jacksonville	SE Asia	All Commodities	27,631	25,130	46,505	48,495	50,551	65,873	83,249	106,417	187,895	391,304	836,359
Jacksonville	West Coast S America	All Commodities	230,955	136,283	131,623	130,062	128,910	131,457	142,821	165,119	251,992	438,137	776,222
Miami	World	All Commodities	1,420,889	1,708,082	1,787,942	1,833,501	1,854,147	2,049,118	2,229,217	2,451,796	3,236,686	5,007,451	8,411,104
Miami	Percent Change	All Commodities	NA	3.75%	1.53%	2.55%	1.13%	2.02%	1.70%	1.92%	2.82%	4.46%	5.32%
Miami	Africa	All Commodities	1,167	3,000	1,831	1,798	1,809	1,988	2,165	2,448	4,158	9,324	21,170
Miami	Central America	All Commodities	648,626	1,036,097	1,097,900	1,122,122	1,139,643	1,273,053	1,379,491	1,502,836	1,944,990	2,912,624	4,637,999
Miami	East Coast S America	All Commodities	343,230	263,230	161,610	168,455	169,189	192,377	207,209	221,039	254,171	294,950	342,887
Miami	Eastern Europe	All Commodities	2,993	2,637	6,538	6,755	7,023	9,011	11,402	15,379	37,298	116,525	319,888
Miami	India	All Commodities	13,312	12,596	23,427	22,583	22,072	21,459	22,079	25,571	54,107	166,532	460,211
Miami	Middle East	All Commodities	1,913	3,851	4,721	4,767	4,911	6,050	7,100	8,292	11,528	16,320	22,593
Miami	Mediterranean	All Commodities	21,410	8,015	22,507	24,015	24,776	27,526	33,502	39,856	56,447	80,393	112,708
Miami	North America	All Commodities	34	562	43	44	46	61	69	81	115	167	233
Miami	NE Asia	All Commodities	62,428	78,235	136,934	139,066	136,986	133,701	133,909	143,426	180,332	256,226	400,074
Miami	North Europe	All Commodities	97,283	123,949	158,564	163,284	164,115	165,722	174,470	184,547	206,449	239,811	282,372
Miami	Oceania	All Commodities	1,751	11,189	5,316	5,423	5,332	5,885	6,582	7,402	9,433	12,217	15,582
Miami	Europe, Other	All Commodities	224	380	332	324	324	353	371	398	461	539	619
Miami	SE Asia	All Commodities	16,274	19,260	15,306	15,698	16,038	19,646	24,806	33,435	76,020	223,137	594,846
Miami	West Coast S America	All Commodities	210,244	145,081	152,914	159,167	161,885	192,285	226,062	267,087	401,177	678,683	1,199,922
Wilmington	World	All Commodities	524,501	463,829	424,611	434,999	432,700	428,855	441,631	494,482	755,784	1,606,095	3,816,954
Wilmington	Percent Change	All Commodities	NA	-2.43%	-2.90%	2.45%	-0.53%	-0.18%	0.59%	2.29%	4.33%	7.83%	9.04%
Wilmington	Africa	All Commodities	2,172	2,844	1,840	1,866	1,958	2,420	2,894	3,545	6,638	15,700	36,996
Wilmington	Central America	All Commodities	6,686	6,768	4,904	5,102	5,326	7,104	10,039	16,059	58,804	221,679	643,996
Wilmington	East Coast S America	All Commodities	11,105	19,958	4,415	4,734	4,917	6,457	7,991	9,326	12,183	16,229	25,603
Wilmington	Eastern Europe	All Commodities	23,595	3,097	1,650	1,711	1,808	2,673	3,640	5,197	13,932	47,378	135,837
Wilmington	India	All Commodities	908	5,788	5,248	5,765	5,484	6,875	9,317	14,395	52,495	213,976	673,531
Wilmington	Middle East	All Commodities	4,784	3,447	3,216	3,175	3,217	3,703	4,151	4,608	5,712	7,117	8,650
Wilmington	Mediterranean	All Commodities	18,668	14,104	16,066	16,438	16,307	15,369	15,343	16,224	19,094	23,651	29,228
Wilmington	North America	All Commodities	34	6,994	14	14	14	18	21	24	31	41	52
Wilmington	NE Asia	All Commodities	272,216	169,146	172,130	176,042	176,304	188,720	199,895	219,856	283,305	405,791	630,206
Wilmington	North Europe	All Commodities	127,906	156,483	171,899	179,595	179,625	145,889	125,911	123,260	122,473	129,396	141,180
Wilmington	Oceania	All Commodities	1,913	1,887	2,406	2,478	2,495	3,017	3,566	4,218	5,855	8,151	11,136
Wilmington	Europe, Other	All Commodities	1,332	1,471	999	993	998	883	810	841	918	992	1,038
Wilmington	SE Asia	All Commodities	32,428	55,459	37,384	34,473	31,510	41,843	52,316	67,691	141,452	389,559	1,104,397
Wilmington	West Coast S America	All Commodities	20,754	16,383	2,440	2,612	2,738	3,885	5,737	9,241	32,890	126,435	375,104

Origin	Destination	Product Group	1995	2000	2003	2004	2005	2010	2015	2020	2030	2040	2050
Norfolk	World	All Commodities	2,563,015	2,222,774	2,404,368	2,439,637	2,439,894	2,588,696	2,756,113	3,031,907	4,106,594	6,907,680	13,247,342
Norfolk	Percent Change	All Commodities	NA	-2.81%	2.65%	1.47%	0.01%	1.19%	1.26%	1.93%	3.08%	5.34%	6.73%
Norfolk	Africa	All Commodities	39,326	23,669	38,074	36,718	34,859	37,821	40,996	46,303	72,825	151,249	330,682
Norfolk	Central America	All Commodities	22,495	27,068	48,381	52,802	56,902	67,709	77,430	91,792	153,134	325,091	718,463
Norfolk	East Coast S America	All Commodities	201,753	208,331	158,024	165,191	166,228	190,660	208,649	226,337	268,873	323,082	382,833
Norfolk	Eastern Europe	All Commodities	155,073	109,198	121,546	126,525	135,376	159,995	176,294	219,440	500,822	1,559,003	4,385,798
Norfolk	India	All Commodities	29,940	84,238	133,490	123,392	122,504	137,051	159,690	194,826	351,683	807,180	1,865,576
Norfolk	Middle East	All Commodities	29,488	53,844	50,847	50,978	52,308	61,355	67,319	73,377	86,503	101,218	114,969
Norfolk	Mediterranean	All Commodities	152,746	162,876	149,887	150,861	153,462	161,881	167,935	175,444	195,145	221,123	248,054
Norfolk	North America	All Commodities	3,225	10,394	4,791	5,220	4,680	3,028	2,333	2,010	1,603	1,473	1,489
Norfolk	NE Asia	All Commodities	646,587	610,453	723,321	732,653	729,233	768,359	809,978	879,203	1,089,106	1,472,299	2,129,365
Norfolk	North Europe	All Commodities	929,075	679,837	700,258	714,405	705,344	704,248	723,446	754,397	840,785	971,953	1,132,777
Norfolk	Oceania	All Commodities	83,336	55,086	58,615	62,533	59,552	66,168	77,209	90,598	125,390	175,582	240,874
Norfolk	Europe, Other	All Commodities	44,616	7,237	3,239	3,350	3,435	4,754	6,039	7,701	12,287	18,696	26,332
Norfolk	SE Asia	All Commodities	200,734	169,739	178,231	179,186	179,612	184,826	193,099	216,845	313,542	547,090	1,089,217
Norfolk	West Coast S America	All Commodities	24,622	20,806	35,664	35,821	36,400	40,842	45,696	53,635	94,896	232,642	580,914
Other N Atlantic	World	All Commodities	4,389,059	3,899,241	6,203,920	6,349,270	6,371,192	6,688,957	7,104,069	7,782,771	10,129,036	15,191,757	25,135,406
Other N Atlantic	Percent Change	All Commodities	NA	-2.34%	16.74%	2.34%	0.35%	0.98%	1.21%	1.84%	2.67%	4.14%	5.16%
Other N Atlantic	Africa	All Commodities	81,298	48,848	66,676	63,253	62,715	68,897	75,505	84,676	130,071	249,384	469,916
Other N Atlantic	Central America	All Commodities	132,933	214,880	247,122	281,941	321,291	373,389	411,619	459,725	600,097	850,254	1,259,802
Other N Atlantic	East Coast S America	All Commodities	355,873	310,823	254,531	269,473	270,304	313,468	345,008	377,525	451,092	541,929	640,157
Other N Atlantic	Eastern Europe	All Commodities	105,152	70,437	127,987	131,887	136,913	168,243	204,869	268,345	624,394	1,793,891	4,702,576
Other N Atlantic	India	All Commodities	193,920	161,769	364,584	342,394	338,376	351,157	372,676	408,861	571,785	1,035,127	2,044,701
Other N Atlantic	Middle East	All Commodities	82,141	82,761	81,827	81,632	83,549	93,696	101,418	110,011	129,978	154,320	179,275
Other N Atlantic	Mediterranean	All Commodities	269,097	184,753	194,929	197,624	202,454	212,717	230,202	250,590	301,524	371,307	455,081
Other N Atlantic	North America	All Commodities	19,057	67,070	58,405	61,584	58,674	61,523	63,429	68,278	82,246	98,974	128,919
Other N Atlantic	NE Asia	All Commodities	1,139,066	971,172	2,613,463	2,690,811	2,659,440	2,637,912	2,668,854	2,841,192	3,466,407	4,682,659	6,893,030
Other N Atlantic	North Europe	All Commodities	1,322,246	1,136,246	1,330,358	1,343,099	1,350,160	1,490,649	1,657,511	1,830,828	2,265,792	2,875,625	3,642,514
Other N Atlantic	Oceania	All Commodities	59,484	66,903	105,829	112,674	108,616	118,881	134,682	153,456	201,018	266,255	344,844
Other N Atlantic	Europe, Other	All Commodities	15,127	7,621	10,129	11,211	12,071	17,889	24,403	32,841	56,456	90,823	134,030
Other N Atlantic	SE Asia	All Commodities	398,998	415,960	503,430	510,665	508,499	496,142	505,471	558,492	800,259	1,477,082	3,034,587
Other N Atlantic	West Coast S America	All Commodities	214,666	159,999	244,648	251,023	258,129	284,395	308,421	337,951	447,918	704,127	1,205,974
Gulf Coast	World	All Commodities	14,840,286	15,482,413	16,236,529	16,804,706	17,231,055	18,941,086	20,629,784	22,838,398	29,478,352	42,051,102	64,095,312
Gulf Coast	Percent Change	All Commodities	NA	0.85%	1.60%	3.50%	2.54%	1.91%	1.72%	2.05%	2.58%	3.62%	4.30%
Gulf Coast	Africa	All Commodities	260,083	224,688	278,074	269,646	259,808	293,972	335,966	393,407	611,666	1,422,617	3,393,331
Gulf Coast	Central America	All Commodities	1,501,503	3,206,176	3,996,569	4,109,434	4,357,370	4,998,779	5,481,076	6,043,581	7,381,403	9,121,672	11,088,491
Gulf Coast	East Coast S America	All Commodities	1,319,017	1,468,318	1,417,475	1,466,146	1,466,881	1,667,401	1,830,987	1,988,019	2,366,422	2,841,535	3,364,799
Gulf Coast	Eastern Europe	All Commodities	599,435	504,819	510,353	546,178	592,747	779,099	796,568	881,765	1,375,592	2,795,006	6,055,460
Gulf Coast	India	All Commodities	236,306	215,783	238,784	264,914	282,791	352,769	458,193	606,174	1,169,118	2,700,895	6,051,642
Gulf Coast	Middle East	All Commodities	194,333	276,471	192,317	199,476	215,084	248,752	276,736	309,226	380,582	465,409	553,296
Gulf Coast	Mediterranean	All Commodities	1,300,878	1,450,273	1,267,000	1,427,887	1,543,821	1,646,476	1,781,412	1,981,325	2,479,714	3,140,464	3,871,979
Gulf Coast	North America	All Commodities	160,180	193,249	234,362	241,706	230,910	274,981	318,835	362,051	469,238	610,579	771,786
Gulf Coast	NE Asia	All Commodities	2,396,813	1,666,440	2,153,531	2,205,843	2,196,474	2,250,609	2,307,547	2,408,597	2,803,038	3,767,613	5,865,809
Gulf Coast	North Europe	All Commodities	4,583,587	4,008,599	3,619,630	3,691,406	3,681,708	3,606,571	3,787,974	4,021,956	4,591,524	5,459,348	6,528,773
Gulf Coast	Oceania	All Commodities	318,076	196,902	267,165	281,087	263,706	258,091	281,132	311,979	383,657	487,403	617,005
Gulf Coast	Europe, Other	All Commodities	6,856	2,298	2,334	2,344	2,378	2,582	2,802	3,008	3,508	4,125	4,737
Gulf Coast	SE Asia	All Commodities	795,011	1,028,598	876,091	910,577	950,380	1,186,201	1,368,618	1,609,792	2,312,671	3,460,591	5,677,649
Gulf Coast	West Coast S America	All Commodities	1,168,206	1,039,800	1,182,845	1,188,062	1,186,996	1,374,804	1,601,939	1,917,517	3,150,216	5,773,845	10,250,556

Origin	Destination	Product Group	1995	2000	2003	2004	2005	2010	2015	2020	2030	2040	2050
South Pacific	World	All Commodities	12,330,677	12,377,115	13,990,486	14,778,152	14,991,215	16,230,344	17,373,926	19,185,628	25,115,618	37,000,215	60,477,487
South Pacific	Percent Change	All Commodities	NA	0.08%	4.17%	5.63%	1.44%	1.60%	1.37%	2.00%	2.73%	3.95%	5.04%
South Pacific	Africa	All Commodities	24,811	27,374	10,201	10,001	9,925	11,511	13,278	15,932	30,885	79,768	194,976
South Pacific	Central America	All Commodities	168,377	318,373	199,483	201,917	203,276	216,312	224,497	233,324	290,899	487,312	964,468
South Pacific	East Coast S America	All Commodities	87,611	87,445	63,947	68,466	68,207	82,839	94,254	105,379	132,864	170,992	220,423
South Pacific	Eastern Europe	All Commodities	25,738	27,999	29,529	32,528	36,393	47,772	51,340	58,896	104,479	249,969	588,451
South Pacific	India	All Commodities	221,410	277,954	371,268	370,384	372,095	426,828	492,622	581,135	902,307	1,688,961	3,374,431
South Pacific	Middle East	All Commodities	15,326	18,244	25,556	24,090	23,719	29,496	33,607	37,901	48,101	60,971	74,375
South Pacific	Mediterranean	All Commodities	64,027	66,108	48,155	49,575	47,669	49,109	51,159	54,755	65,232	81,442	102,719
South Pacific	North America	All Commodities	3,513	2,443	8,524	9,256	8,931	10,334	10,981	11,803	13,812	15,120	19,042
South Pacific	NE Asia	All Commodities	9,066,930	8,755,864	10,511,071	10,831,720	10,968,964	11,696,182	12,332,502	13,432,974	16,734,467	22,645,574	32,711,143
South Pacific	North Europe	All Commodities	400,678	393,804	403,564	418,257	412,437	418,849	446,854	479,591	554,966	657,140	776,758
South Pacific	Oceania	All Commodities	411,065	558,630	546,075	572,757	546,189	594,084	682,547	785,643	1,059,521	1,466,582	2,008,753
South Pacific	Europe, Other	All Commodities	2,391	5,131	4,956	5,304	5,140	4,837	4,681	4,731	4,993	5,386	5,788
South Pacific	SE Asia	All Commodities	1,668,152	1,694,573	1,598,646	2,016,506	2,121,992	2,466,089	2,746,286	3,172,260	4,874,753	8,885,859	18,531,201
South Pacific	West Coast S America	All Commodities	170,649	143,173	169,512	167,391	166,278	176,099	189,319	211,305	298,339	505,139	904,960
North Pacific	World	All Commodities	8,540,792	7,562,829	8,962,502	9,134,588	9,151,660	10,347,090	11,126,312	12,305,492	15,748,257	21,810,441	33,505,170
North Pacific	Percent Change	All Commodities	NA	-2.40%	5.82%	1.92%	0.19%	2.49%	1.46%	2.04%	2.50%	3.31%	4.39%
North Pacific	Africa	All Commodities	19,710	15,534	51,087	49,204	47,966	47,551	47,878	49,169	53,978	66,907	93,003
North Pacific	East Coast S America	All Commodities	39,316	25,945	31,065	33,773	33,975	40,563	45,685	50,581	62,350	78,331	99,175
North Pacific	Eastern Europe	All Commodities	94,172	79,713	58,512	62,135	67,032	88,607	87,706	94,804	143,190	282,504	616,026
North Pacific	India	All Commodities	156,099	121,587	82,093	83,750	85,009	108,622	127,259	150,980	239,906	465,601	954,924
North Pacific	Middle East	All Commodities	65,429	94,367	66,682	69,125	71,879	87,466	96,879	105,476	125,278	148,209	171,633
North Pacific	Mediterranean	All Commodities	35,378	28,851	63,133	66,310	64,961	60,517	60,570	62,643	68,632	77,646	87,651
North Pacific	North America	All Commodities	122,273	94,930	178,836	190,431	181,521	205,561	209,514	216,367	240,147	274,034	339,490
North Pacific	NE Asia	All Commodities	6,509,537	5,686,291	6,653,132	6,746,287	6,739,346	7,330,377	7,660,948	8,278,411	9,962,319	12,514,106	15,701,343
North Pacific	North Europe	All Commodities	87,990	131,483	148,047	151,963	153,648	154,969	163,542	174,545	201,842	240,864	290,424
North Pacific	Oceania	All Commodities	177,248	172,806	225,437	235,880	225,440	225,717	243,966	271,772	337,717	427,597	529,731
North Pacific	Europe, Other	All Commodities	504	440	779	737	724	675	651	667	726	804	882
North Pacific	SE Asia	All Commodities	1,123,594	1,011,988	1,168,609	1,212,592	1,244,824	1,734,063	2,092,741	2,527,336	3,844,832	6,365,340	12,890,349
North Pacific	West Coast S America	All Commodities	94,075	67,400	157,324	153,969	157,068	178,847	201,635	230,448	335,601	587,115	1,069,587
Alaska	World	All Commodities	460,591	435,585	587,818	624,104	641,529	763,515	879,735	1,020,579	1,522,217	2,714,697	5,292,024
Alaska	Percent Change	All Commodities	NA	-1.11%	10.51%	6.17%	2.79%	3.54%	2.87%	3.01%	4.08%	5.96%	6.90%
Alaska	Africa	All Commodities	1,073	271	287	293	299	394	513	703	1,891	6,477	18,957
Alaska	Central America	All Commodities	4,086	1,702	2,136	2,268	2,440	3,843	6,321	11,403	47,333	184,237	539,387
Alaska	East Coast S America	All Commodities	5,537	7,874	4,622	4,927	5,122	6,708	8,299	9,709	13,516	20,075	31,611
Alaska	Eastern Europe	All Commodities	8,288	920	5,744	6,094	6,639	8,755	8,822	9,845	17,120	41,667	104,287
Alaska	India	All Commodities	7,300	1,190	1,084	1,151	1,261	2,314	4,596	9,937	53,360	242,137	783,301
Alaska	Middle East	All Commodities	239	486	507	509	530	708	876	1,051	1,481	2,051	2,743
Alaska	Mediterranean	All Commodities	770	4,029	38,217	38,851	39,201	35,815	33,990	33,940	35,882	39,895	44,506
Alaska	North America	All Commodities	14,208	24,874	4,395	4,378	4,443	5,530	6,097	6,622	7,699	4,637	5,651
Alaska	NE Asia	All Commodities	375,487	336,516	436,702	452,213	476,642	590,649	691,713	800,977	1,113,833	1,620,772	2,371,915
Alaska	North Europe	All Commodities	13,154	19,382	77,375	95,986	86,599	83,734	85,365	89,095	98,630	114,038	134,359
Alaska	Oceania	All Commodities	1,532	8,353	2,569	2,573	2,631	3,183	3,681	4,250	5,759	7,925	10,760
Alaska	Europe, Other	All Commodities	131	298	246	234	229	253	268	289	345	417	494
Alaska	SE Asia	All Commodities	27,090	26,607	11,210	11,760	12,494	17,326	22,694	31,997	85,554	278,753	796,083
Alaska	West Coast S America	All Commodities	1,696	3,084	2,723	2,866	2,999	4,301	6,498	10,759	39,813	151,617	447,970

Origin	Destination	Product Group	1995	2000	2003	2004	2005	2010	2015	2020	2030	2040	2050
Hawaii	World	All Commodities	181,124	165,136	165,220	171,444	176,133	200,435	229,297	279,533	516,076	1,265,439	3,166,630
Hawaii	Percent Change	All Commodities	NA	-1.83%	0.02%	3.77%	2.74%	2.62%	2.73%	4.04%	6.32%	9.38%	9.61%
Hawaii	Africa	All Commodities	258	271	276	282	288	383	502	691	1,876	6,459	18,935
Hawaii	Central America	All Commodities	1,457	1,695	2,188	2,321	2,492	3,898	6,379	11,464	47,402	184,317	539,479
Hawaii	East Coast S America	All Commodities	8,983	6,428	3,492	3,749	3,901	5,148	6,399	7,485	10,419	15,546	24,766
Hawaii	Eastern Europe	All Commodities	355	505	887	925	989	1,469	2,128	3,232	9,836	33,712	96,240
Hawaii	India	All Commodities	801	2,017	4,624	4,565	4,601	5,486	7,503	12,222	49,542	209,911	667,776
Hawaii	Middle East	All Commodities	196	397	463	465	483	642	790	944	1,321	1,818	2,417
Hawaii	Mediterranean	All Commodities	469	597	664	663	677	873	1,040	1,233	1,759	2,517	3,518
Hawaii	North America	All Commodities	41	65	91	92	93	117	131	146	177	96	132
Hawaii	NE Asia	All Commodities	127,665	121,120	85,282	90,085	93,279	106,510	121,304	143,052	214,964	361,521	660,442
Hawaii	North Europe	All Commodities	4,794	6,013	6,938	6,792	6,889	8,018	8,795	9,786	12,505	16,584	22,480
Hawaii	Oceania	All Commodities	18,044	1,737	1,619	1,673	1,726	2,156	2,539	2,979	4,121	5,731	7,825
Hawaii	Europe, Other	All Commodities	131	136	237	227	224	251	267	290	345	415	490
Hawaii	SE Asia	All Commodities	16,494	22,685	56,588	57,626	58,408	62,391	66,682	77,708	129,450	301,101	747,997
Hawaii	West Coast S America	All Commodities	1,435	1,469	1,870	1,980	2,082	3,092	4,838	8,302	32,359	125,711	374,133

Table A-8. Containerized Tonnes of Exports from US South Atlantic Coast Ports and Other Coasts, by World Trade Route, for Commodity Groups: 1995 - 2050 (selected years)

Origin	Destination	Product Group	1995	2000	2003	2004	2005	2010	2015	2020	2030	2040	2050
USA	World	Agriculture	4,632,086	4,474,776	5,298,749	5,956,437	6,013,915	7,010,871	7,683,843	8,320,033	9,927,144	11,276,932	14,276,978
Savannah	World	Agriculture	46,570	70,939	276,625	347,136	350,599	388,992	411,825	426,545	467,806	489,348	564,936
Charleston	World	Agriculture	51,521	43,656	111,549	132,711	133,847	152,141	165,349	174,973	195,504	214,217	252,398
Jacksonville	World	Agriculture	51,039	18,245	17,750	19,302	19,961	22,142	23,776	24,864	27,187	30,123	32,898
Miami	World	Agriculture	50,305	53,592	74,490	81,391	84,501	95,787	103,905	108,872	116,934	127,321	136,530
Wilmington	World	Agriculture	33,919	27,911	29,194	31,966	32,669	40,133	44,731	48,373	58,413	61,637	79,937
Norfolk	World	Agriculture	172,226	149,045	167,545	183,024	173,342	195,626	212,406	227,908	261,109	286,970	329,651
Other N Atlantic	World	Agriculture	294,104	229,379	150,355	159,490	154,106	175,475	189,666	203,830	231,174	246,935	281,284
Gulf Coast	World	Agriculture	1,406,147	1,610,102	1,811,667	1,960,586	2,059,483	2,283,972	2,461,763	2,622,543	3,010,308	3,415,068	3,995,612
South Pacific	World	Agriculture	656,045	733,315	940,228	1,306,961	1,331,944	1,600,837	1,774,358	1,927,212	2,343,528	2,547,941	3,308,781
North Pacific	World	Agriculture	1,723,866	1,386,883	1,534,899	1,543,382	1,475,485	1,835,577	2,058,692	2,301,061	2,923,002	3,600,249	4,986,696
Alaska	World	Agriculture	39,517	43,360	21,055	22,251	22,446	25,660	27,440	28,608	31,860	32,552	38,645
Hawaii	World	Agriculture	473	854	314	340	351	402	432	464	528	496	599
USA	World	Extractive	3,831,280	3,416,676	4,654,609	5,093,980	5,337,984	5,756,489	5,974,219	6,310,886	7,262,589	8,521,141	10,023,929
Savannah	World	Extractive	684,758	709,458	1,073,893	1,125,398	1,135,289	1,158,553	1,168,562	1,225,336	1,398,831	1,647,390	1,969,734
Charleston	World	Extractive	201,027	281,504	146,649	152,639	154,458	160,459	167,306	180,518	215,209	260,177	312,965
Jacksonville	World	Extractive	62,571	26,961	112,076	104,116	96,308	106,945	111,932	118,750	136,925	160,164	185,088
Miami	World	Extractive	38,525	57,361	62,184	60,762	59,126	63,533	66,102	70,297	81,881	97,762	117,200
Wilmington	World	Extractive	4,105	10,535	16,025	17,037	17,166	18,373	18,942	20,257	24,070	29,289	36,162
Norfolk	World	Extractive	454,247	255,675	159,823	168,328	174,889	180,527	183,035	185,763	197,948	218,954	244,468
Other N Atlantic	World	Extractive	250,247	134,717	662,129	790,037	843,122	955,468	1,004,615	1,063,209	1,239,362	1,479,946	1,787,240
Gulf Coast	World	Extractive	384,792	266,085	271,580	281,964	309,221	322,179	333,181	340,289	349,999	373,805	403,838
South Pacific	World	Extractive	1,061,995	977,597	1,087,398	1,287,019	1,420,460	1,577,385	1,655,170	1,769,728	2,086,181	2,468,688	2,878,344
North Pacific	World	Extractive	451,863	370,038	636,230	675,356	681,881	729,027	744,209	774,547	859,774	944,205	1,004,295
Alaska	World	Extractive	28,373	41,624	80,651	91,902	98,334	105,214	120,990	139,209	190,256	279,334	432,432
Hawaii	World	Extractive	1,480	11,892	34,797	37,803	40,838	47,168	50,420	55,643	67,481	80,955	96,313
USA	World	Food	13,920,999	13,933,579	13,917,781	14,468,771	15,092,393	17,899,241	19,581,133	21,718,835	26,952,578	33,797,713	40,492,989
Savannah	World	Food	155,862	203,363	355,494	360,941	365,546	412,176	427,104	461,402	585,710	808,381	1,112,384
Charleston	World	Food	176,048	339,245	237,221	248,578	259,862	322,113	361,221	421,556	611,426	921,419	1,342,505
Jacksonville	World	Food	521,987	582,975	422,910	438,132	448,541	504,228	556,191	628,104	839,946	1,156,913	1,564,699
Miami	World	Food	308,754	371,249	381,423	390,499	397,128	429,528	438,410	452,341	499,330	579,040	681,607
Wilmington	World	Food	73,763	60,611	51,698	53,042	54,407	64,982	71,226	78,525	94,842	115,578	132,599
Norfolk	World	Food	623,774	502,870	483,044	499,565	510,503	560,248	577,294	616,066	727,872	880,876	1,024,317
Other N Atlantic	World	Food	394,336	352,371	403,067	414,488	424,021	491,110	531,067	576,450	685,093	822,517	967,112
Gulf Coast	World	Food	5,988,071	5,063,281	4,381,618	4,664,817	4,983,395	5,824,773	6,377,970	7,113,496	8,892,435	11,150,219	13,498,480
South Pacific	World	Food	2,968,542	3,291,001	3,466,358	3,561,469	3,639,077	4,309,369	4,723,925	5,213,574	6,315,065	7,726,151	8,940,271
North Pacific	World	Food	2,382,982	2,764,883	3,218,937	3,292,758	3,458,939	4,344,404	4,817,575	5,388,783	6,747,520	8,442,877	9,857,019
Alaska	World	Food	244,182	235,475	336,817	356,843	363,744	446,672	506,837	567,739	729,857	938,579	1,083,983
Hawaii	World	Food	3,182	3,627	11,563	11,878	12,155	14,437	15,849	17,517	21,250	26,112	30,079

Origin	Destination	Produt Group	1995	2000	2003	2004	2005	2010	2015	2020	2030	2040	2050
USA	World	Materials	11,578,525	11,347,683	14,596,703	14,573,029	14,134,623	12,522,801	11,647,426	11,812,211	12,799,798	15,234,634	19,451,884
Savannah	World	Materials	1,163,096	1,104,555	1,538,679	1,563,534	1,541,539	1,380,178	1,305,829	1,370,799	1,607,310	2,063,244	2,791,769
Charleston	World	Materials	790,664	994,460	973,343	988,055	979,691	862,015	805,085	838,706	984,061	1,307,237	1,885,690
Jacksonville	World	Materials	470,354	408,845	362,937	365,455	364,549	382,908	406,053	434,604	520,145	653,746	836,196
Miami	World	Materials	296,249	365,054	512,418	523,048	522,232	539,498	564,861	605,050	701,509	823,694	951,691
Wilmington	World	Materials	307,293	235,926	248,392	255,371	252,370	207,282	179,504	174,459	170,966	179,114	194,739
Norfolk	World	Materials	640,049	572,844	759,763	751,093	732,267	661,561	628,645	639,929	714,004	983,671	1,686,072
Other N Atlantic	World	Materials	1,551,376	1,602,353	2,545,439	2,506,716	2,406,190	2,052,726	1,843,267	1,810,873	1,813,032	1,994,079	2,371,394
Gulf Coast	World	Materials	1,412,247	1,014,954	1,267,826	1,294,062	1,286,104	1,208,506	1,220,605	1,295,369	1,540,705	2,048,864	2,964,435
South Pacific	World	Materials	2,672,455	3,225,587	4,443,685	4,366,403	4,194,395	3,677,501	3,309,712	3,227,290	3,178,504	3,351,802	3,677,733
North Pacific	World	Materials	2,186,845	1,726,548	1,802,790	1,818,248	1,719,062	1,442,141	1,289,297	1,322,914	1,478,083	1,727,478	1,973,619
Alaska	World	Materials	52,398	520	257	249	233	216	195	185	171	174	191
Hawaii	World	Materials	22,107	34,246	37,418	35,987	34,608	29,879	26,865	26,434	26,119	27,214	29,317
USA	World	Consumer Goods	847,186	1,077,698	1,075,390	1,104,854	1,140,726	1,375,319	1,659,480	2,060,443	3,725,313	8,112,301	17,846,489
Savannah	World	Consumer Goods	23,152	20,811	42,074	42,746	43,773	53,116	63,461	77,272	121,743	203,596	340,256
Charleston	World	Consumer Goods	41,360	51,031	43,759	44,881	46,437	57,327	69,218	86,277	157,863	363,027	893,429
Jacksonville	World	Consumer Goods	20,150	12,901	9,253	9,424	9,572	10,594	11,488	12,305	14,490	17,683	21,518
Miami	World	Consumer Goods	148,506	293,229	208,578	208,339	209,203	221,615	232,684	243,498	271,682	311,457	354,722
Wilmington	World	Consumer Goods	2,801	1,922	1,107	1,146	1,195	1,506	1,922	2,518	4,997	11,248	24,285
Norfolk	World	Consumer Goods	47,059	47,803	51,308	52,716	54,906	68,700	85,217	111,113	250,054	738,454	2,015,075
Other N Atlantic	World	Consumer Goods	144,302	163,714	192,319	196,799	203,002	246,484	295,556	362,509	625,593	1,265,450	2,548,702
Gulf Coast	World	Consumer Goods	54,313	110,715	126,094	128,229	131,397	157,281	182,712	214,873	332,728	634,622	1,301,041
South Pacific	World	Consumer Goods	292,670	302,466	322,197	337,951	354,471	448,766	573,628	754,282	1,527,734	3,547,761	7,882,426
North Pacific	World	Consumer Goods	56,956	49,548	56,101	59,757	63,455	83,805	114,619	162,551	367,579	922,792	2,276,636
Alaska	World	Consumer Goods	89	12	12	12	13	16	20	25	42	79	153
Hawaii	World	Consumer Goods	64	110	124	131	129	164	210	279	581	1,392	3,149
USA	World	Chemicals	11,052,480	12,538,495	14,341,717	14,610,364	14,651,508	15,774,957	17,195,874	19,219,471	26,419,531	43,025,880	77,569,002
Savannah	World	Chemicals	188,651	213,355	364,741	367,261	367,022	406,021	457,012	523,920	751,553	1,242,549	2,245,078
Charleston	World	Chemicals	484,433	422,574	510,223	510,421	509,053	585,304	673,874	787,974	1,222,650	2,344,315	4,826,042
Jacksonville	World	Chemicals	107,323	47,187	97,476	99,642	99,607	107,311	115,957	126,679	163,268	235,580	365,272
Miami	World	Chemicals	96,708	131,751	138,087	138,901	138,699	147,472	157,123	167,462	213,169	334,031	589,381
Wilmington	World	Chemicals	25,255	70,480	16,433	16,699	16,894	18,723	21,165	24,743	37,455	67,058	132,598
Norfolk	World	Chemicals	226,518	311,914	383,919	386,506	385,755	425,518	473,799	542,234	804,463	1,448,758	2,800,187
Other N Atlantic	World	Chemicals	646,800	647,067	904,032	917,268	928,255	1,020,347	1,119,983	1,258,746	1,790,699	2,998,785	5,407,386
Gulf Coast	World	Chemicals	4,660,102	6,775,811	7,449,335	7,516,245	7,482,074	7,947,168	8,616,075	9,559,276	12,823,901	20,169,561	34,378,691
South Pacific	World	Chemicals	3,167,304	2,629,066	2,541,682	2,683,421	2,775,779	3,027,928	3,349,026	3,832,428	5,513,297	9,160,206	16,609,776
North Pacific	World	Chemicals	1,092,892	896,253	1,314,392	1,331,326	1,322,777	1,379,706	1,443,711	1,548,460	2,016,637	3,494,896	7,840,027
Alaska	World	Chemicals	65,448	82,506	114,706	117,021	119,048	133,477	151,952	178,160	262,076	429,942	779,755
Hawaii	World	Chemicals	123,855	81,058	47,864	48,786	49,604	55,409	62,913	73,648	108,223	177,800	322,969

Origin	Destination	Produt Group	1995	2000	2003	2004	2005	2010	2015	2020	2030	2040	2050
USA	World	High Technology	395,800	445,133	453,974	478,786	503,471	684,943	928,259	1,333,466	3,593,678	11,459,749	31,668,016
Savannah	World	High Technology	30,983	35,308	35,394	37,368	39,276	53,567	72,782	104,850	285,624	944,461	2,687,065
Charleston	World	High Technology	30,983	35,308	35,394	37,310	39,141	52,933	71,315	101,614	268,375	857,104	2,370,829
Jacksonville	World	High Technology	30,983	35,308	35,394	37,232	38,996	52,233	69,646	97,904	246,947	747,275	1,983,824
Miami	World	High Technology	30,983	35,308	35,394	37,270	39,065	52,562	70,417	99,572	255,994	794,015	2,151,390
Wilmington	World	High Technology	30,983	35,308	35,394	37,370	39,300	53,748	73,242	106,012	293,515	989,198	2,857,141
Norfolk	World	High Technology	31,514	35,472	36,016	37,966	39,916	54,041	73,024	104,837	283,297	895,860	2,444,431
Other N Atlantic	World	High Technology	31,514	35,472	35,996	37,809	39,618	52,637	69,703	97,421	243,132	705,221	1,798,592
Gulf Coast	World	High Technology	29,147	33,287	36,001	38,013	39,894	53,598	71,558	100,463	256,291	748,114	1,927,665
South Pacific	World	High Technology	31,497	35,373	35,452	37,092	39,300	54,515	75,309	110,239	307,874	1,003,557	2,832,511
North Pacific	World	High Technology	30,970	35,393	35,295	36,850	38,765	52,722	71,500	102,753	277,831	873,250	2,364,618
Alaska	World	High Technology	30,406	32,037	34,277	35,781	37,694	52,240	72,277	106,626	307,878	1,033,860	2,956,568
Hawaii	World	High Technology	29,233	31,664	32,154	35,486	37,400	51,677	71,004	103,656	289,665	947,854	2,678,055
USA	World	Intermed. Manufact.	3,114,731	2,093,043	2,965,042	2,985,974	3,044,215	3,746,108	4,602,709	5,481,527	8,273,481	14,061,311	25,531,916
Savannah	World	Intermed. Manufact.	58,832	75,238	91,185	90,739	88,921	105,812	127,479	149,622	218,501	354,858	630,924
Charleston	World	Intermed. Manufact.	133,493	173,761	280,473	278,167	272,114	330,957	396,566	465,699	694,446	1,202,883	2,228,395
Jacksonville	World	Intermed. Manufact.	52,980	42,679	36,083	36,349	36,104	37,914	39,348	40,445	44,255	50,109	56,226
Miami	World	Intermed. Manufact.	151,217	160,514	156,518	164,951	172,012	222,760	285,660	365,122	677,443	1,409,613	2,761,845
Wilmington	World	Intermed. Manufact.	28,774	3,639	19,623	15,309	11,156	14,298	18,636	24,444	47,410	112,112	288,085
Norfolk	World	Intermed. Manufact.	103,540	160,104	187,392	181,475	186,670	228,236	278,350	330,163	509,929	953,587	1,975,344
Other N Atlantic	World	Intermed. Manufact.	566,618	360,385	799,522	803,114	836,254	1,049,415	1,305,509	1,559,782	2,339,118	3,970,319	7,366,661
Gulf Coast	World	Intermed. Manufact.	543,944	311,016	522,354	525,791	527,863	639,711	774,374	909,148	1,291,525	1,965,124	3,127,008
South Pacific	World	Intermed. Manufact.	788,434	559,191	512,333	525,409	535,674	647,444	796,022	947,738	1,446,610	2,473,783	4,512,441
North Pacific	World	Intermed. Manufact.	418,387	159,434	168,174	171,455	176,125	212,729	258,194	303,045	455,620	777,012	1,440,896
Alaska	World	Intermed. Manufact.	55	6	40	40	13	16	19	22	69	165	281
Hawaii	World	Intermed. Manufact.	130	1,122	372	377	392	476	572	659	893	1,285	1,961
USA	World	Capital Equipment	1,992,706	1,778,904	1,960,525	2,049,154	2,120,180	2,582,014	3,074,303	3,621,382	5,267,716	8,156,857	13,003,234
Savannah	World	Capital Equipment	90,412	82,391	80,341	85,314	87,618	107,192	129,354	154,627	228,911	358,908	585,929
Charleston	World	Capital Equipment	135,611	149,107	145,445	149,845	155,053	182,208	206,701	231,800	305,523	432,888	638,982
Jacksonville	World	Capital Equipment	44,149	25,850	31,697	32,193	32,338	35,167	37,240	39,084	45,868	61,524	94,831
Miami	World	Capital Equipment	216,677	181,410	162,118	168,658	172,023	202,666	226,902	246,836	300,469	376,862	471,056
Wilmington	World	Capital Equipment	16,572	17,149	6,094	6,378	6,819	8,895	11,236	13,974	22,579	38,873	68,886
Norfolk	World	Capital Equipment	186,029	151,100	151,851	154,981	157,543	184,989	212,502	240,653	320,700	455,214	668,127
Other N Atlantic	World	Capital Equipment	327,023	284,172	390,346	404,131	416,239	505,488	596,085	694,832	979,368	1,455,815	2,217,038
Gulf Coast	World	Capital Equipment	329,347	274,481	335,401	358,704	376,019	459,701	540,550	624,978	898,948	1,401,076	2,192,663
South Pacific	World	Capital Equipment	494,635	442,873	467,558	488,347	505,903	632,317	791,431	983,571	1,564,788	2,603,579	4,451,892
North Pacific	World	Capital Equipment	128,865	132,838	135,647	142,662	149,170	189,630	238,362	295,888	468,755	774,740	1,313,614
Alaska	World	Capital Equipment	108	35	4	4	4	5	5	6	8	11	15
Hawaii	World	Capital Equipment	463	414	578	622	616	774	973	1,163	1,223	2,120	3,766

Origin	Destination	Produt Group	1995	2000	2003	2004	2005	2010	2015	2020	2030	2040	2050
USA	World	Motor Vehicles	713,614	557,438	601,870	617,352	632,846	803,762	964,218	1,148,723	1,816,622	3,560,580	7,628,485
Savannah	World	Motor Vehicles	19,250	20,336	21,501	22,471	22,935	31,999	41,417	52,464	85,837	147,604	254,521
Charleston	World	Motor Vehicles	10,968	31,109	38,743	36,639	37,079	59,082	80,652	102,944	156,456	224,810	303,711
Jacksonville	World	Motor Vehicles	36,830	50,861	47,934	47,589	47,481	60,728	73,661	86,797	119,025	161,376	211,090
Miami	World	Motor Vehicles	82,965	58,614	56,733	59,683	60,157	73,697	83,153	92,746	118,274	153,656	195,681
Wilmington	World	Motor Vehicles	1,038	348	652	680	723	915	1,027	1,177	1,536	1,988	2,522
Norfolk	World	Motor Vehicles	78,060	35,947	23,706	23,982	24,103	29,250	31,839	33,242	37,219	45,336	59,671
Other N Atlantic	World	Motor Vehicles	182,741	89,611	120,716	119,418	120,384	139,806	148,618	155,119	182,465	252,690	389,997
Gulf Coast	World	Motor Vehicles	32,177	22,681	34,654	36,294	35,606	44,198	50,998	57,963	81,512	144,649	305,880
South Pacific	World	Motor Vehicles	197,099	180,645	173,594	184,079	194,213	254,282	325,343	419,567	832,037	2,116,746	5,383,311
North Pacific	World	Motor Vehicles	67,166	41,012	60,037	62,794	66,001	77,346	90,153	105,490	153,456	252,942	447,749
Alaska	World	Motor Vehicles	15	8	0	0	0	0	0	0	0	1	1
Hawaii	World	Motor Vehicles	136	148	34	35	40	49	60	72	113	210	422

Table A-9. TEUs of Imports to US South Atlantic Coast Ports and Other Coasts, by World Trade Route, for All Commodties: 1995 - 2050 (selected years)

Destination	Origin	Product Group	1995	2000	2003	2004	2005	2010	2015	2020	2030	2040	2050
USA	World	All Commodities	6,149,984	10,615,461	14,237,352	12,891,228	13,864,939	18,318,933	21,317,783	24,392,355	32,233,589	42,426,911	55,122,665
USA	Percent Change	All Commodities	NA	11.54%	10.28%	-9.45%	7.55%	5.73%	3.08%	2.73%	2.83%	2.79%	2.65%
Savannah	World	All Commodities	196,136	396,563	602,107	617,399	664,876	916,546	1,105,626	1,310,895	1,848,206	2,585,808	3,527,589
Savannah	Percent Change	All Commodities	NA	15.12%	14.94%	2.54%	7.69%	6.63%	3.82%	3.46%	3.49%	3.42%	3.15%
Savannah	Africa	All Commodities	517	495	447	456	482	620	725	813	961	1,075	1,161
Savannah	Central America	All Commodities	2,783	1,188	2,594	2,677	2,840	3,577	4,250	4,990	6,863	9,311	12,402
Savannah	East Coast S America	All Commodities	13,690	26,692	29,046	29,754	31,345	39,422	45,234	51,090	65,008	83,015	106,409
Savannah	Eastern Europe	All Commodities	5,958	2,346	5,736	5,589	5,646	6,788	7,616	8,418	10,012	11,718	13,770
Savannah	India	All Commodities	3,293	19,932	18,788	19,036	19,758	24,231	27,346	29,988	35,812	42,182	47,686
Savannah	Middle East	All Commodities	5,054	7,443	11,162	11,556	12,109	14,294	15,083	15,748	16,981	18,120	19,156
Savannah	Mediterranean	All Commodities	4,501	7,893	15,414	16,070	17,465	21,689	24,887	28,032	36,154	46,437	58,404
Savannah	North America	All Commodities	1,268	286	384	409	436	541	618	698	888	1,107	1,341
Savannah	NE Asia	All Commodities	105,028	207,498	365,781	376,948	410,597	594,678	738,304	899,142	1,330,929	1,938,178	2,726,954
Savannah	North Europe	All Commodities	32,024	61,854	59,298	61,148	65,845	86,019	99,397	111,930	143,041	183,424	232,898
Savannah	Oceania	All Commodities	79	3,475	9,848	9,209	10,026	15,636	20,457	25,638	38,899	57,824	82,857
Savannah	Europe, Other	All Commodities	664	5,075	3,520	3,275	3,260	3,932	4,379	4,822	5,943	7,265	8,668
Savannah	SE Asia	All Commodities	18,720	51,096	77,345	78,517	82,238	101,932	113,932	125,975	152,648	181,613	210,897
Savannah	West Coast S America	All Commodities	2,556	1,290	2,745	2,756	2,831	3,187	3,398	3,611	4,067	4,540	4,984
Charleston	World	All Commodities	273,581	564,694	756,533	713,361	766,376	1,053,532	1,282,451	1,522,373	2,125,422	2,917,229	3,905,324
Charleston	Percent Change	All Commodities	NA	15.60%	10.24%	-5.71%	7.43%	6.57%	4.01%	3.49%	3.39%	3.22%	2.96%
Charleston	Africa	All Commodities	5,025	8,875	13,662	13,023	13,996	18,742	22,637	26,812	36,535	47,624	59,790
Charleston	Central America	All Commodities	1,229	6,111	9,331	8,708	9,266	11,299	13,397	15,709	21,746	30,070	41,265
Charleston	East Coast S America	All Commodities	9,424	27,594	50,896	48,532	51,571	67,694	78,533	88,543	107,842	127,660	151,404
Charleston	Eastern Europe	All Commodities	5,026	8,711	13,616	12,243	12,529	14,723	15,935	16,960	19,082	21,432	24,325
Charleston	India	All Commodities	20,045	30,633	79,093	74,441	77,894	102,067	121,575	139,073	179,882	227,727	279,255
Charleston	Middle East	All Commodities	3,592	7,203	12,411	12,027	12,661	15,784	17,576	19,810	25,914	34,595	45,858
Charleston	Mediterranean	All Commodities	14,485	32,599	39,164	38,958	43,737	62,409	79,507	97,987	146,012	212,123	299,184
Charleston	North America	All Commodities	183	329	1,560	1,412	1,595	2,040	2,564	2,800	3,225	3,807	4,653
Charleston	NE Asia	All Commodities	73,923	144,489	174,165	165,831	181,777	272,874	346,313	428,115	647,354	958,669	1,371,783
Charleston	North Europe	All Commodities	95,939	223,567	273,094	254,635	272,962	375,057	457,816	544,126	758,110	1,029,679	1,356,128
Charleston	Oceania	All Commodities	2,212	877	2,353	2,172	2,415	3,404	4,098	4,843	6,696	9,165	12,207
Charleston	Europe, Other	All Commodities	1,588	7,385	8,901	7,893	8,218	10,144	11,625	12,991	16,497	21,008	26,334
Charleston	SE Asia	All Commodities	34,367	42,817	55,223	51,336	53,782	65,687	73,841	82,026	100,335	120,100	140,179
Charleston	West Coast S America	All Commodities	6,542	23,502	23,062	22,149	23,973	31,609	37,034	42,578	56,191	73,571	92,958

Destination	Origin	Product Group	1995	2000	2003	2004	2005	2010	2015	2020	2030	2040	2050
Jacksonville	World	All Commodities	22,148	26,885	39,632	195,591	207,389	285,008	360,091	453,996	722,891	1,093,184	1,540,227
Jacksonville	Percent Change	All Commodities	NA	3.95%	13.81%	393.52%	6.03%	6.56%	4.79%	4.74%	4.76%	4.22%	3.49%
Jacksonville	Africa	All Commodities	38	168	243	1,191	1,234	1,419	1,562	1,712	2,046	2,389	2,720
Jacksonville	Central America	All Commodities	3,282	2,733	1,846	9,222	9,868	12,736	15,501	18,672	26,802	37,280	49,458
Jacksonville	East Coast S America	All Commodities	5,214	6,425	13,403	67,194	72,330	102,772	141,501	196,627	363,013	590,376	849,213
Jacksonville	Eastern Europe	All Commodities	201	329	290	1,441	1,514	1,826	2,145	2,522	3,391	4,561	6,084
Jacksonville	India	All Commodities	36	35	77	399	436	613	721	844	1,150	1,551	2,065
Jacksonville	Middle East	All Commodities	8	28	22	109	115	141	156	172	214	270	341
Jacksonville	Mediterranean	All Commodities	836	296	359	1,753	1,831	2,072	2,161	2,261	2,588	3,128	3,899
Jacksonville	North America	All Commodities	159	165	144	751	808	964	1,054	1,123	1,284	1,493	1,759
Jacksonville	NE Asia	All Commodities	4,854	8,253	9,668	49,393	54,181	85,328	113,508	144,848	227,305	344,714	503,853
Jacksonville	North Europe	All Commodities	2,262	4,306	7,707	35,485	35,291	40,785	41,991	41,750	42,785	44,444	46,313
Jacksonville	Oceania	All Commodities	568	14	41	205	230	346	438	531	780	1,112	1,508
Jacksonville	Europe, Other	All Commodities	5	143	329	1,580	1,677	2,099	2,415	2,722	3,404	4,101	4,712
Jacksonville	SE Asia	All Commodities	1,822	3,090	2,926	14,265	14,678	18,615	21,071	24,115	31,508	40,540	50,687
Jacksonville	West Coast S America	All Commodities	2,864	901	2,575	12,602	13,197	15,292	15,868	16,098	16,622	17,224	17,615
Miami	World	All Commodities	191,197	363,908	484,732	533,234	567,097	717,307	822,175	928,160	1,190,658	1,517,631	1,909,779
Miami	Percent Change	All Commodities	NA	13.74%	10.03%	10.01%	6.35%	4.81%	2.77%	2.45%	2.52%	2.46%	2.32%
Miami	Africa	All Commodities	23	763	995	1,147	1,255	1,738	2,373	3,279	6,524	12,065	19,968
Miami	Central America	All Commodities	55,590	145,454	142,125	155,226	162,669	186,837	206,464	225,196	268,042	315,875	369,057
Miami	East Coast S America	All Commodities	26,133	25,872	34,743	38,178	39,766	47,259	52,542	57,405	68,641	83,123	102,749
Miami	Eastern Europe	All Commodities	549	844	1,146	1,226	1,248	1,309	1,290	1,279	1,282	1,323	1,430
Miami	India	All Commodities	1,895	3,114	4,416	4,849	5,049	6,206	6,940	7,571	9,245	11,272	13,175
Miami	Middle East	All Commodities	1,912	991	1,797	1,997	2,091	2,408	2,569	2,711	2,988	3,264	3,514
Miami	Mediterranean	All Commodities	8,001	18,006	43,639	45,360	47,458	71,156	79,958	87,259	106,370	130,142	159,711
Miami	North America	All Commodities	1,154	612	2,017	2,288	2,612	3,837	4,867	5,757	7,192	8,138	8,739
Miami	NE Asia	All Commodities	40,232	58,022	103,217	114,885	124,234	177,459	221,092	266,742	383,451	533,465	713,422
Miami	North Europe	All Commodities	27,402	59,595	71,607	82,117	90,626	108,040	119,632	131,535	162,380	202,855	252,975
Miami	Oceania	All Commodities	58	396	2,369	2,356	2,614	4,313	5,702	7,176	10,765	16,183	24,187
Miami	Europe, Other	All Commodities	156	1,002	1,748	1,855	1,929	2,414	2,860	3,334	4,561	6,048	7,549
Miami	SE Asia	All Commodities	13,620	22,162	27,491	30,098	31,874	41,700	48,412	56,270	74,735	96,201	121,010
Miami	West Coast S America	All Commodities	14,472	27,074	47,422	51,652	53,672	62,631	67,474	72,646	84,481	97,677	112,291
Wilmington	World	All Commodities	26,268	40,285	45,717	85,683	92,810	139,503	182,438	230,356	357,183	533,105	770,210
Wilmington	Percent Change	All Commodities	NA	8.93%	4.31%	87.42%	8.32%	8.49%	5.51%	4.77%	4.48%	4.09%	3.75%
Wilmington	Africa	All Commodities	8	13	62	123	139	215	316	471	1,091	2,570	5,810
Wilmington	Central America	All Commodities	122	108	280	557	612	990	1,437	1,978	3,517	5,870	9,308
Wilmington	East Coast S America	All Commodities	415	261	1,855	3,608	3,995	5,959	8,435	11,599	21,332	38,006	65,804
Wilmington	Eastern Europe	All Commodities	522	151	263	509	560	833	1,160	1,474	2,463	3,663	4,842
Wilmington	India	All Commodities	273	321	141	277	312	499	649	840	1,435	2,549	4,742
Wilmington	Middle East	All Commodities	16	23	23	45	50	75	95	118	175	255	365
Wilmington	Mediterranean	All Commodities	201	649	278	498	530	732	865	1,013	1,427	2,078	3,114
Wilmington	North America	All Commodities	10	35	46	93	104	160	205	259	420	703	1,227
Wilmington	NE Asia	All Commodities	16,370	27,163	29,233	55,138	60,299	93,431	122,639	153,782	230,480	328,280	447,867
Wilmington	North Europe	All Commodities	2,380	1,976	2,781	5,112	5,496	8,723	12,201	16,327	30,862	55,220	90,200
Wilmington	Oceania	All Commodities	15	37	79	147	168	274	345	420	608	868	1,213
Wilmington	Europe, Other	All Commodities	18	18	80	149	165	255	380	557	1,184	2,404	4,543
Wilmington	SE Asia	All Commodities	5,571	9,134	9,697	17,714	18,443	24,099	28,585	34,289	50,127	74,439	112,067
Wilmington	West Coast S America	All Commodities	347	396	899	1,715	1,936	3,257	5,126	7,230	12,062	16,199	19,108

Destination	Origin	Product Group	1995	2000	2003	2004	2005	2010	2015	2020	2030	2040	2050
Norfolk	World	All Commodities	252,672	439,601	631,842	699,550	747,670	986,995	1,137,987	1,297,150	1,719,736	2,294,811	3,028,714
Norfolk	Percent Change	All Commodities	NA	11.71%	12.85%	10.72%	6.88%	5.71%	2.89%	2.65%	2.86%	2.93%	2.81%
Norfolk	Africa	All Commodities	1,234	3,228	6,560	7,297	7,851	9,448	10,008	10,213	10,987	11,875	13,168
Norfolk	Central America	All Commodities	2,586	2,238	15,700	16,721	17,485	18,706	19,454	20,417	23,489	27,609	32,526
Norfolk	East Coast S America	All Commodities	30,600	53,915	82,209	96,745	103,745	135,683	151,219	164,122	188,724	216,186	254,825
Norfolk	Eastern Europe	All Commodities	3,573	9,276	10,355	10,922	11,228	13,639	15,372	16,990	20,892	25,435	30,816
Norfolk	India	All Commodities	8,365	17,955	34,479	37,298	38,327	46,748	52,613	57,615	71,774	88,296	104,576
Norfolk	Middle East	All Commodities	3,642	3,716	5,094	5,887	5,994	6,651	6,661	6,949	7,937	9,458	11,426
Norfolk	Mediterranean	All Commodities	24,347	32,421	41,293	45,408	48,508	58,659	63,873	67,052	78,969	94,160	111,501
Norfolk	North America	All Commodities	208	270	894	1,062	1,126	1,640	2,072	2,542	3,752	5,328	7,196
Norfolk	NE Asia	All Commodities	36,420	96,550	181,253	202,452	224,834	352,943	442,793	541,945	805,356	1,170,381	1,642,146
Norfolk	North Europe	All Commodities	121,200	175,594	185,250	200,572	208,250	233,341	244,119	253,264	277,728	308,855	343,863
Norfolk	Oceania	All Commodities	1,223	1,891	2,222	2,320	2,453	2,983	3,203	3,413	3,926	4,553	5,257
Norfolk	Europe, Other	All Commodities	1,713	3,914	3,790	4,053	4,232	4,861	5,317	5,694	6,492	7,351	8,220
Norfolk	SE Asia	All Commodities	16,722	37,851	59,474	65,340	70,114	97,827	117,157	142,507	214,445	318,795	454,890
Norfolk	West Coast S America	All Commodities	842	782	3,267	3,472	3,523	3,865	4,123	4,427	5,267	6,528	8,304
Other N Atlantic	World	All Commodities	1,159,283	1,866,836	2,608,418	2,425,426	2,623,821	3,414,396	3,921,006	4,433,331	5,797,003	7,617,592	9,900,757
Other N Atlantic	Percent Change	All Commodities	NA	10.00%	11.80%	-7.02%	8.18%	5.41%	2.81%	2.49%	2.72%	2.77%	2.66%
Other N Atlantic	Africa	All Commodities	12,258	22,158	40,165	38,908	43,192	56,502	63,013	66,781	77,745	85,174	92,898
Other N Atlantic	Central America	All Commodities	16,407	23,556	38,932	35,108	36,577	39,901	42,770	46,023	55,698	68,411	83,797
Other N Atlantic	East Coast S America	All Commodities	93,786	145,752	242,058	231,049	250,145	336,913	387,330	435,222	549,436	696,921	897,071
Other N Atlantic	Eastern Europe	All Commodities	17,918	45,552	61,998	55,901	59,726	77,061	89,056	101,240	129,981	163,382	202,145
Other N Atlantic	India	All Commodities	57,505	111,836	160,674	148,984	155,512	207,886	246,393	278,815	364,992	472,193	590,981
Other N Atlantic	Middle East	All Commodities	18,150	38,133	47,546	45,116	48,132	61,183	69,942	80,195	106,759	142,635	188,087
Other N Atlantic	Mediterranean	All Commodities	70,296	115,858	148,045	141,127	154,756	185,664	204,395	218,091	255,532	293,641	328,726
Other N Atlantic	North America	All Commodities	6,374	3,059	4,842	4,648	5,206	6,472	7,503	8,481	11,734	17,285	25,702
Other N Atlantic	NE Asia	All Commodities	244,821	378,991	625,896	578,819	634,792	913,818	1,120,746	1,346,177	1,958,705	2,825,303	3,969,913
Other N Atlantic	North Europe	All Commodities	478,399	752,660	863,483	808,930	876,554	1,060,839	1,157,172	1,245,840	1,485,467	1,786,592	2,125,154
Other N Atlantic	Oceania	All Commodities	24,571	31,989	53,371	44,987	48,863	69,800	72,431	74,975	80,047	83,574	84,164
Other N Atlantic	Europe, Other	All Commodities	6,194	15,782	15,475	13,851	15,104	17,925	20,488	21,798	25,072	30,233	37,601
Other N Atlantic	SE Asia	All Commodities	85,269	128,525	177,743	163,742	178,779	247,199	294,348	350,609	498,285	694,824	931,885
Other N Atlantic	West Coast S America	All Commodities	27,335	52,984	128,190	114,255	116,481	133,233	145,419	159,084	197,549	257,425	342,633
Gulf Coast	World	All Commodities	309,888	537,528	744,092	672,705	722,461	929,264	1,068,601	1,201,285	1,536,370	1,974,756	2,534,587
Gulf Coast	Percent Change	All Commodities	NA	11.64%	11.45%	-9.59%	7.40%	5.16%	2.83%	2.37%	2.49%	2.54%	2.53%
Gulf Coast	Africa	All Commodities	2,779	5,473	6,154	5,659	6,047	6,927	7,412	7,672	8,467	9,147	9,712
Gulf Coast	Central America	All Commodities	29,683	85,781	127,780	114,170	121,014	144,129	164,057	186,054	243,421	316,545	406,446
Gulf Coast	East Coast S America	All Commodities	48,028	73,300	178,273	161,359	172,021	216,166	238,446	251,475	269,415	281,944	300,546
Gulf Coast	Eastern Europe	All Commodities	7,086	12,768	20,837	17,823	18,381	22,579	25,154	27,296	32,274	38,484	46,021
Gulf Coast	India	All Commodities	7,563	14,056	10,862	9,750	10,110	13,015	15,098	16,783	22,639	30,833	41,916
Gulf Coast	Middle East	All Commodities	2,049	3,654	5,489	5,045	5,392	7,048	8,208	9,423	12,410	16,252	20,942
Gulf Coast	Mediterranean	All Commodities	18,214	25,050	23,733	21,785	23,745	33,119	40,561	48,150	70,216	104,805	157,012
Gulf Coast	North America	All Commodities	218	457	1,791	1,696	1,913	2,228	2,432	2,654	3,285	4,270	5,662
Gulf Coast	NE Asia	All Commodities	36,797	60,875	78,979	72,433	79,474	120,953	155,555	192,252	283,791	402,356	546,813
Gulf Coast	North Europe	All Commodities	127,066	185,512	199,659	184,097	202,303	263,643	303,397	342,059	450,317	602,237	800,985
Gulf Coast	Oceania	All Commodities	4,076	5,333	7,111	5,752	6,416	10,188	11,498	12,690	14,943	16,647	17,361
Gulf Coast	Europe, Other	All Commodities	1,177	3,190	5,236	4,462	4,659	5,853	6,749	7,496	9,551	12,454	16,310
Gulf Coast	SE Asia	All Commodities	12,550	21,965	24,739	22,087	23,158	28,976	33,033	37,650	49,458	64,477	81,709
Gulf Coast	West Coast S America	All Commodities	12,601	40,113	53,450	46,587	47,828	54,440	57,001	59,631	66,182	74,307	83,152

Destination	Origin	Product Group	1995	2000	2003	2004	2005	2010	2015	2020	2030	2040	2050
South Pacific	World	All Commodities	2,563,634	4,778,391	6,372,607	5,616,420	6,042,027	7,937,940	9,123,523	10,303,360	13,204,243	16,767,558	20,978,966
South Pacific	Percent Change	All Commodities	NA	13.26%	10.07%	-11.87%	7.58%	5.61%	2.82%	2.46%	2.51%	2.42%	2.27%
South Pacific	Africa	All Commodities	732	1,171	2,081	1,923	2,114	2,721	3,087	3,390	4,025	4,511	4,927
South Pacific	Central America	All Commodities	41,110	44,720	119,316	102,259	106,821	111,313	114,544	118,396	129,428	144,307	162,931
South Pacific	East Coast S America	All Commodities	6,422	13,021	24,827	21,867	23,308	28,505	31,409	34,284	41,651	51,340	64,436
South Pacific	Eastern Europe	All Commodities	2,090	9,715	15,418	13,433	14,703	19,737	22,657	25,835	33,585	43,284	55,555
South Pacific	India	All Commodities	92,312	148,731	159,688	137,470	140,721	160,387	169,721	173,287	186,281	202,771	223,507
South Pacific	Middle East	All Commodities	2,064	6,499	9,912	9,043	9,943	14,410	17,871	21,691	31,778	45,895	65,898
South Pacific	Mediterranean	All Commodities	11,368	23,262	42,230	37,403	40,075	48,941	54,084	58,623	69,531	83,203	98,694
South Pacific	North America	All Commodities	4,899	6,873	7,555	7,022	7,460	9,519	10,742	11,588	13,162	14,509	15,410
South Pacific	NE Asia	All Commodities	1,802,259	3,534,800	4,514,222	3,978,056	4,295,455	5,831,814	6,870,280	7,925,312	10,542,627	13,793,623	17,646,922
South Pacific	North Europe	All Commodities	114,650	201,763	229,196	204,496	219,950	262,797	288,525	312,439	377,475	467,809	585,635
South Pacific	Oceania	All Commodities	35,139	82,724	82,400	67,553	71,379	95,152	102,453	108,201	121,678	137,787	159,728
South Pacific	Europe, Other	All Commodities	2,024	5,594	10,985	9,939	11,054	10,657	11,169	11,184	10,979	10,836	10,573
South Pacific	SE Asia	All Commodities	430,418	673,295	891,163	775,051	816,420	981,090	1,055,064	1,124,079	1,265,626	1,401,161	1,534,471
South Pacific	West Coast S America	All Commodities	18,146	26,223	263,614	250,904	282,626	360,896	371,916	375,052	376,417	366,521	350,279
North Pacific	World	All Commodities	1,041,877	1,437,190	1,751,400	1,088,979	1,167,503	1,544,645	1,799,403	2,057,800	2,691,347	3,474,461	4,369,382
North Pacific	Percent Change	All Commodities	NA	6.64%	6.81%	-37.82%	7.21%	5.76%	3.10%	2.72%	2.72%	2.59%	2.32%
North Pacific	Africa	All Commodities	52	123	217	145	162	205	224	240	274	293	298
North Pacific	East Coast S America	All Commodities	6,006	1,559	2,712	1,812	2,053	3,158	4,560	6,297	11,277	18,802	29,562
North Pacific	Eastern Europe	All Commodities	829	1,860	5,392	3,185	3,258	3,560	3,597	3,480	3,305	3,386	3,779
North Pacific	India	All Commodities	20,620	40,833	23,625	14,581	15,072	18,935	21,490	23,552	29,334	37,153	46,541
North Pacific	Middle East	All Commodities	44	275	1,232	806	874	1,308	1,706	2,110	2,983	4,153	6,035
North Pacific	Mediterranean	All Commodities	823	1,575	1,647	1,043	1,136	1,705	2,128	2,569	3,765	5,418	7,462
North Pacific	North America	All Commodities	14,726	6,031	7,728	4,978	5,548	6,420	6,651	6,869	7,457	8,293	9,212
North Pacific	NE Asia	All Commodities	830,802	1,141,286	1,444,543	901,377	970,317	1,305,110	1,533,753	1,766,509	2,335,268	3,032,482	3,814,797
North Pacific	North Europe	All Commodities	6,719	12,528	17,081	11,195	12,579	17,885	22,916	29,033	47,422	77,077	121,599
North Pacific	Oceania	All Commodities	10,291	20,236	35,357	20,296	21,290	26,723	29,260	30,975	34,117	36,316	39,360
North Pacific	Europe, Other	All Commodities	25	238	132	82	90	131	169	211	325	491	734
North Pacific	SE Asia	All Commodities	122,073	198,236	195,193	119,505	124,893	148,587	161,333	173,525	201,039	232,617	268,134
North Pacific	West Coast S America	All Commodities	26,466	8,562	11,156	6,684	6,864	7,452	7,798	8,278	9,628	11,299	13,092
Alaska	World	All Commodities	32,317	52,487	58,584	62,544	67,998	104,895	137,781	173,752	263,023	378,115	519,582
Alaska	Percent Change	All Commodities	NA	10.19%	3.73%	6.76%	8.72%	9.06%	5.61%	4.75%	4.23%	3.70%	3.23%
Alaska	Africa	All Commodities	2	11	2	2	3	4	6	9	16	27	44
Alaska	Central America	All Commodities	102	184	488	549	604	979	1,422	1,955	3,463	5,740	8,998
Alaska	East Coast S America	All Commodities	90	387	1,237	1,450	1,693	2,929	4,605	6,759	13,280	24,003	40,662
Alaska	Eastern Europe	All Commodities	20	75	49	55	62	97	128	165	265	413	627
Alaska	India	All Commodities	47	96	170	192	221	359	443	542	790	1,128	1,581
Alaska	Middle East	All Commodities	23	40	40	45	50	75	95	118	175	255	365
Alaska	Mediterranean	All Commodities	43	94	166	191	218	365	471	587	881	1,282	1,818
Alaska	North America	All Commodities	6	58	77	88	98	150	189	234	354	536	807
Alaska	NE Asia	All Commodities	22,358	36,841	40,679	43,863	48,331	78,218	105,367	134,426	205,494	295,041	401,781
Alaska	North Europe	All Commodities	1,136	1,371	2,166	2,261	2,472	3,618	4,541	5,532	7,986	11,204	15,345
Alaska	Oceania	All Commodities	25	61	128	137	156	258	324	395	574	821	1,149
Alaska	Europe, Other	All Commodities	2	31	20	21	23	33	42	52	77	109	151
Alaska	SE Asia	All Commodities	8,457	13,232	13,337	13,664	14,035	17,761	20,087	22,906	29,565	37,412	46,057
Alaska	West Coast S America	All Commodities	6	7	26	28	32	48	59	72	103	143	197

Destination	Origin	Product Group	1995	2000	2003	2004	2005	2010	2015	2020	2030	2040	2050
Hawaii	World	All Commodities	64,399	84,512	112,040	117,018	126,038	182,573	236,713	302,765	506,237	873,849	1,565,782
Hawaii	Percent Change	All Commodities	NA	5.59%	9.85%	4.44%	7.71%	7.69%	5.33%	5.05%	5.27%	5.61%	6.01%
Hawaii	Africa	All Commodities	2	12	19	21	24	40	65	102	256	638	1,577
Hawaii	Central America	All Commodities	128	340	761	851	950	1,492	2,142	2,967	5,547	10,247	18,982
Hawaii	East Coast S America	All Commodities	94	409	1,347	1,571	1,831	3,154	4,950	7,271	14,392	26,371	45,627
Hawaii	Eastern Europe	All Commodities	20	75	50	55	63	98	130	169	277	447	720
Hawaii	India	All Commodities	73	183	385	432	485	805	1,152	1,662	3,718	9,155	24,248
Hawaii	Middle East	All Commodities	23	40	40	45	50	75	95	118	175	255	365
Hawaii	Mediterranean	All Commodities	146	94	350	399	454	721	980	1,305	2,298	4,029	7,071
Hawaii	North America	All Commodities	13	59	78	89	99	151	190	235	355	536	807
Hawaii	NE Asia	All Commodities	41,650	56,092	75,417	78,919	85,340	126,596	165,945	213,247	359,729	632,032	1,163,490
Hawaii	North Europe	All Commodities	1,745	1,372	3,608	3,860	4,275	6,564	8,958	12,088	22,809	45,238	93,317
Hawaii	Oceania	All Commodities	7,269	4,862	7,224	7,194	7,821	11,197	14,711	18,937	31,467	47,745	64,738
Hawaii	Europe, Other	All Commodities	2	31	20	21	23	33	42	52	77	109	151
Hawaii	SE Asia	All Commodities	13,189	20,937	22,713	23,533	24,591	31,595	37,286	44,527	64,995	96,779	144,119
Hawaii	West Coast S America	All Commodities	46	7	27	30	34	52	67	85	143	268	569

Table A-10. TEUs of Imports to US South Atlantic Coast Ports and Other Coasts, by World Trade Route, for Commodity Groups: 1995 - 2050 (selected years)

Destination	Origin	Product Group	1995	2000	2003	2004	2005	2010	2015	2020	2030	2040	2050
USA	World	Agriculture	230,928	399,197	557,172	508,782	520,905	560,278	578,636	555,259	593,652	645,331	706,910
Savannah	World	Agriculture	8,260	14,314	10,540	10,205	10,380	10,755	10,894	10,680	10,857	10,876	10,705
Charleston	World	Agriculture	10,647	25,297	18,586	16,557	16,712	17,353	17,300	16,336	16,056	15,576	14,896
Jacksonville	World	Agriculture	2,907	2,279	4,938	23,184	23,987	29,353	31,082	30,816	31,151	30,726	29,642
Miami	World	Agriculture	15,842	33,114	45,492	49,068	50,790	55,077	56,823	55,759	57,301	58,771	60,117
Wilmington	World	Agriculture	328	572	1,718	3,226	3,480	5,960	9,071	12,744	26,298	48,599	78,407
Norfolk	World	Agriculture	7,121	22,647	26,809	28,308	29,037	31,443	32,555	29,915	31,986	34,360	36,979
Other N Atlantic	World	Agriculture	60,282	110,958	180,595	159,004	161,403	174,737	179,272	168,056	176,576	187,295	200,258
Gulf Coast	World	Agriculture	29,236	67,160	84,791	73,620	75,366	79,679	80,954	79,269	79,149	78,462	76,771
South Pacific	World	Agriculture	60,914	94,235	136,248	116,280	119,124	122,684	124,544	114,141	116,981	121,090	127,180
North Pacific	World	Agriculture	34,070	26,909	45,419	27,198	28,298	29,794	30,907	29,890	30,872	31,354	32,382
Alaska	World	Agriculture	0	0	0	0	0	0	0	0	0	0	0
Hawaii	World	Agriculture	1,315	1,705	2,002	2,056	2,248	3,299	5,009	7,340	15,772	27,052	37,865
USA	World	Extractive	36,778	72,896	90,461	81,431	80,183	102,461	99,221	95,172	93,439	96,292	102,628
Savannah	World	Extractive	724	935	628	591	590	644	633	618	604	598	595
Charleston	World	Extractive	3,402	2,519	589	517	497	524	422	335	248	218	209
Jacksonville	World	Extractive	165	503	205	931	897	947	837	744	639	589	563
Miami	World	Extractive	1,419	2,126	28,223	27,468	27,573	43,898	46,247	47,332	50,506	54,615	60,228
Wilmington	World	Extractive	130	332	873	1,587	1,655	1,968	2,211	2,456	2,995	3,583	4,192
Norfolk	World	Extractive	2,620	1,742	2,244	2,176	2,094	2,460	2,177	1,961	1,837	1,875	1,972
Other N Atlantic	World	Extractive	11,925	17,632	17,706	14,830	14,235	17,821	15,907	14,497	14,578	15,967	17,490
Gulf Coast	World	Extractive	5,061	12,918	8,794	7,255	7,090	8,154	7,322	6,612	6,051	5,995	6,110
South Pacific	World	Extractive	7,003	28,522	15,206	12,442	12,103	12,761	11,412	9,963	7,860	6,634	6,122
North Pacific	World	Extractive	4,289	5,161	4,127	2,500	2,487	2,746	2,575	2,278	1,654	1,189	960
Alaska	World	Extractive	1	0	0	0	0	0	0	0	0	1	1
Hawaii	World	Extractive	30	506	11,866	11,134	10,961	10,535	9,478	8,376	6,468	5,025	4,184
USA	World	Food	617,603	966,055	1,292,180	1,190,714	1,291,988	1,501,653	1,573,631	1,651,828	1,816,084	1,979,423	2,142,020
Savannah	World	Food	10,137	21,033	27,666	27,851	29,811	38,160	44,905	52,287	69,912	92,651	120,744
Charleston	World	Food	18,563	33,578	40,237	38,249	41,072	47,544	52,428	58,010	71,135	86,183	102,577
Jacksonville	World	Food	2,054	1,872	1,610	7,862	8,233	9,215	10,041	10,881	12,761	14,830	16,927
Miami	World	Food	30,158	56,357	76,490	85,921	94,138	111,459	123,682	138,329	172,759	212,577	258,639
Wilmington	World	Food	394	607	337	662	749	1,228	1,849	2,739	5,931	12,573	25,822
Norfolk	World	Food	45,898	60,708	85,707	93,998	99,429	110,173	112,402	114,645	118,349	120,085	119,288
Other N Atlantic	World	Food	239,768	390,174	499,314	467,053	518,254	618,315	649,769	683,124	747,035	796,105	820,938
Gulf Coast	World	Food	33,897	41,285	74,409	67,321	73,523	83,860	87,791	91,958	100,263	107,066	110,956
South Pacific	World	Food	188,553	312,734	426,886	361,390	383,400	429,324	434,437	438,947	444,828	444,379	435,655
North Pacific	World	Food	38,571	37,854	47,155	28,000	30,195	36,011	37,494	39,140	42,501	45,470	47,300
Alaska	World	Food	0	0	0	0	0	0	0	0	0	0	0
Hawaii	World	Food	9,586	9,846	12,172	11,972	12,685	15,546	17,565	19,798	25,762	35,316	52,450

Destination	Origin	Product Group	1995	2000	2003	2004	2005	2010	2015	2020	2030	2040	2050
USA	World	Materials	467,743	926,434	1,442,841	1,288,778	1,344,485	1,634,184	1,800,131	1,937,599	2,283,860	2,728,139	3,255,402
Savannah	World	Materials	19,239	39,227	64,118	63,969	66,956	80,525	88,048	93,775	107,687	124,718	142,720
Charleston	World	Materials	47,232	93,278	123,534	110,244	112,608	128,356	135,866	142,187	158,648	178,129	195,110
Jacksonville	World	Materials	3,103	1,413	9,214	42,900	43,310	48,428	49,227	49,787	51,249	52,702	53,079
Miami	World	Materials	12,201	22,472	32,081	33,189	33,404	35,483	36,016	37,166	40,143	44,079	48,546
Wilmington	World	Materials	695	1,013	1,164	2,150	2,321	3,230	4,155	5,313	9,520	18,796	39,112
Norfolk	World	Materials	27,569	45,571	69,615	73,631	76,072	91,119	99,465	107,730	127,293	150,078	171,405
Other N Atlantic	World	Materials	86,733	172,798	366,651	322,687	333,402	408,353	448,798	488,432	582,906	694,989	807,635
Gulf Coast	World	Materials	21,333	44,270	77,361	65,717	67,011	78,508	83,309	88,525	105,046	129,370	163,860
South Pacific	World	Materials	180,247	403,607	570,753	493,678	524,183	653,164	733,640	791,756	937,641	1,124,586	1,349,807
North Pacific	World	Materials	67,041	98,588	122,457	74,417	78,544	98,010	110,318	118,896	140,332	168,236	202,865
Alaska	World	Materials	0	0	0	0	0	0	0	0	0	1	1
Hawaii	World	Materials	2,261	4,196	5,853	6,110	6,576	8,812	10,937	13,422	21,519	36,732	64,630
USA	World	Consumer Goods	1,749,934	3,369,853	4,523,539	3,942,419	4,218,120	5,626,158	6,465,869	7,425,343	9,866,084	13,007,590	16,854,917
Savannah	World	Consumer Goods	41,485	110,544	216,900	219,280	234,893	318,951	364,661	416,864	547,057	707,241	889,375
Charleston	World	Consumer Goods	51,226	108,552	159,779	152,137	163,283	220,010	258,961	299,102	395,825	515,544	652,828
Jacksonville	World	Consumer Goods	632	706	1,157	5,875	6,305	9,018	11,029	14,401	26,230	47,052	75,455
Miami	World	Consumer Goods	56,578	133,883	153,722	168,937	177,851	216,688	244,439	271,812	335,247	407,243	486,130
Wilmington	World	Consumer Goods	1,994	3,631	4,260	7,851	8,476	11,776	14,428	17,750	27,257	42,030	65,038
Norfolk	World	Consumer Goods	26,580	83,464	153,841	170,954	186,477	269,343	311,275	362,643	497,903	676,584	892,038
Other N Atlantic	World	Consumer Goods	248,667	418,492	599,113	563,668	609,630	828,478	964,531	1,114,973	1,499,830	2,003,560	2,613,639
Gulf Coast	World	Consumer Goods	16,082	70,822	102,703	92,862	98,571	125,804	147,773	171,737	231,592	306,452	394,938
South Pacific	World	Consumer Goods	968,327	1,898,312	2,493,196	2,164,422	2,308,353	3,056,310	3,486,722	3,982,506	5,224,241	6,755,536	8,501,029
North Pacific	World	Consumer Goods	330,164	532,675	627,027	383,629	410,023	546,302	627,470	721,680	958,818	1,253,666	1,591,172
Alaska	World	Consumer Goods	0	0	0	0	0	0	0	0	1	1	1
Hawaii	World	Consumer Goods	8,180	8,769	11,813	12,738	14,183	23,385	34,459	51,715	121,810	292,195	692,343
USA	World	Chemicals	394,235	602,231	779,553	689,446	728,796	893,163	990,505	1,061,415	1,279,147	1,608,856	2,045,600
Savannah	World	Chemicals	22,891	30,749	41,713	41,894	43,988	52,950	59,168	64,141	78,519	99,698	126,618
Charleston	World	Chemicals	26,852	52,051	59,086	54,751	58,144	73,719	83,321	91,034	114,081	149,660	196,780
Jacksonville	World	Chemicals	2,268	1,391	1,710	8,493	8,963	11,010	13,544	16,154	22,646	31,936	44,618
Miami	World	Chemicals	2,561	4,382	6,087	6,545	6,853	8,344	9,294	9,999	12,589	17,051	23,674
Wilmington	World	Chemicals	1,601	1,630	1,613	2,965	3,206	4,598	6,471	8,566	13,465	17,762	20,936
Norfolk	World	Chemicals	24,322	32,092	41,326	44,084	45,161	50,940	54,198	56,564	64,202	76,760	94,751
Other N Atlantic	World	Chemicals	128,478	159,014	193,421	175,780	186,501	229,523	249,321	261,274	306,322	378,657	474,746
Gulf Coast	World	Chemicals	54,001	76,197	86,403	75,811	80,034	97,883	104,058	105,415	115,129	131,649	151,400
South Pacific	World	Chemicals	93,789	190,081	256,049	222,619	236,435	290,964	326,942	354,058	429,401	540,078	687,746
North Pacific	World	Chemicals	36,343	53,650	90,770	55,014	57,883	70,828	80,804	89,513	113,364	146,133	184,268
Alaska	World	Chemicals	0	0	0	0	0	0	0	0	0	0	0
Hawaii	World	Chemicals	1,121	993	1,355	1,449	1,584	2,345	3,308	4,606	9,283	19,220	39,610

Destination	Origin	Product Group	1995	2000	2003	2004	2005	2010	2015	2020	2030	2040	2050
USA	World	High Technology	399,689	649,181	724,600	808,602	878,648	1,352,975	1,773,672	2,232,435	3,365,083	4,813,147	6,573,506
Savannah	World	High Technology	34,285	55,686	62,155	65,111	70,994	111,176	147,258	186,973	286,391	415,585	574,789
Charleston	World	High Technology	36,482	59,255	66,139	63,551	69,196	107,528	141,791	179,346	272,712	393,002	540,065
Jacksonville	World	High Technology	6,786	11,022	12,302	62,214	67,096	99,753	127,780	157,665	229,014	316,528	418,737
Miami	World	High Technology	29,438	47,813	53,368	60,357	65,595	101,060	132,477	166,700	251,030	358,448	488,292
Wilmington	World	High Technology	18,322	29,759	33,216	62,541	67,995	104,892	137,778	173,749	263,020	378,112	519,577
Norfolk	World	High Technology	31,926	51,855	57,879	65,378	71,206	110,871	146,321	185,214	282,026	406,909	559,717
Other N Atlantic	World	High Technology	35,868	58,258	65,026	61,422	66,697	102,318	133,855	168,133	252,351	359,257	488,100
Gulf Coast	World	High Technology	33,703	54,741	61,101	56,129	60,904	93,152	121,580	152,401	227,857	323,220	437,689
South Pacific	World	High Technology	38,130	61,932	69,127	62,231	67,652	104,481	137,039	172,504	259,748	370,589	504,388
North Pacific	World	High Technology	53,964	87,649	97,832	62,045	67,328	103,067	134,459	168,503	251,874	357,163	483,421
Alaska	World	High Technology	32,314	52,485	58,582	62,541	67,995	104,892	137,778	173,749	263,020	378,112	519,577
Hawaii	World	High Technology	32,314	52,485	58,582	62,541	67,995	104,892	137,778	173,749	263,020	378,112	519,577
USA	World	Intermed. Manufact.	1,030,852	1,915,209	2,580,934	2,330,763	2,556,337	3,403,918	4,116,783	4,825,468	6,642,697	9,134,185	12,491,152
Savannah	World	Intermed. Manufact.	32,302	65,289	94,627	98,130	107,436	150,253	194,797	244,541	384,769	599,573	902,488
Charleston	World	Intermed. Manufact.	34,969	93,139	127,035	122,455	135,036	182,456	226,070	272,479	394,599	567,766	800,575
Jacksonville	World	Intermed. Manufact.	2,755	3,365	4,664	22,780	23,807	26,888	29,826	33,224	44,321	65,925	106,015
Miami	World	Intermed. Manufact.	24,172	43,505	58,890	66,485	72,475	93,283	112,872	133,187	185,909	258,662	352,650
Wilmington	World	Intermed. Manufact.	1,473	1,520	1,522	2,806	2,941	3,444	3,765	3,980	4,448	5,012	5,739
Norfolk	World	Intermed. Manufact.	34,274	59,879	75,765	84,843	92,888	124,507	154,606	186,974	275,702	406,189	587,215
Other N Atlantic	World	Intermed. Manufact.	191,708	336,534	408,708	390,186	435,826	614,555	786,432	972,279	1,481,353	2,229,524	3,269,578
Gulf Coast	World	Intermed. Manufact.	83,429	110,905	113,756	105,618	117,053	159,693	199,676	241,503	352,434	511,810	733,427
South Pacific	World	Intermed. Manufact.	450,091	953,678	1,376,549	1,236,020	1,353,602	1,777,008	2,087,397	2,369,646	3,038,006	3,855,968	4,896,808
North Pacific	World	Intermed. Manufact.	169,686	242,887	313,185	194,809	208,097	262,051	308,629	351,279	452,065	578,039	724,859
Alaska	World	Intermed. Manufact.	0	0	0	0	0	0	0	0	0	0	0
Hawaii	World	Intermed. Manufact.	5,987	4,500	6,228	6,625	7,170	9,774	12,706	16,370	29,085	55,710	111,791
USA	World	Capital Equipment	675,521	1,068,335	1,412,804	1,289,137	1,413,712	1,976,400	2,347,845	2,732,154	3,695,177	4,939,854	6,465,442
Savannah	World	Capital Equipment	20,852	44,707	60,297	65,826	73,285	111,196	141,991	176,835	273,159	414,885	602,644
Charleston	World	Capital Equipment	27,365	55,408	70,343	69,912	77,532	113,645	142,187	174,986	267,549	409,589	613,994
Jacksonville	World	Capital Equipment	947	762	443	2,250	2,394	3,051	3,622	4,327	6,738	11,285	18,970
Miami	World	Capital Equipment	10,602	11,580	20,397	23,832	26,090	34,094	38,946	43,613	55,216	69,959	87,808
Wilmington	World	Capital Equipment	877	1,116	896	1,667	1,733	1,994	2,109	2,194	2,464	3,001	4,095
Norfolk	World	Capital Equipment	21,421	36,834	61,229	69,438	74,747	101,641	121,557	143,333	204,973	297,862	426,022
Other N Atlantic	World	Capital Equipment	98,715	150,107	190,562	188,051	209,450	297,921	358,831	420,823	578,807	774,935	1,003,183
Gulf Coast	World	Capital Equipment	25,579	44,094	64,874	62,744	70,600	98,574	118,789	140,368	196,080	269,484	359,554
South Pacific	World	Capital Equipment	318,359	540,133	715,732	656,423	715,500	989,495	1,153,725	1,317,268	1,697,627	2,144,511	2,653,243
North Pacific	World	Capital Equipment	147,242	182,066	226,284	147,014	160,181	221,402	261,368	301,956	400,530	522,203	656,270
Alaska	World	Capital Equipment	0	0	0	0	0	0	0	0	0	0	0
Hawaii	World	Capital Equipment	3,296	1,217	1,716	1,913	2,125	3,268	4,557	6,226	11,595	21,279	37,935

Destination	Origin	Product Group	1995	2000	2003	2004	2005	2010	2015	2020	2030	2040	2050
USA	World	Motor Vehicles	546,700	646,070	833,270	761,154	831,766	1,267,743	1,571,491	1,875,682	2,598,366	3,474,094	4,485,087
Savannah	World	Motor Vehicles	5,961	14,079	23,463	24,542	26,543	41,936	53,270	64,181	89,251	119,983	156,911
Charleston	World	Motor Vehicles	16,843	41,617	91,205	84,987	92,296	162,396	224,106	288,559	434,570	601,562	788,289
Jacksonville	World	Motor Vehicles	532	3,573	3,390	19,101	22,397	47,344	83,103	135,998	298,144	521,611	776,220
Miami	World	Motor Vehicles	8,227	8,675	9,981	11,432	12,329	17,921	21,378	24,264	29,958	36,225	43,694
Wilmington	World	Motor Vehicles	453	104	117	229	254	412	601	866	1,786	3,638	7,291
Norfolk	World	Motor Vehicles	30,943	44,811	57,426	66,740	70,559	94,496	103,430	108,171	115,465	124,109	139,326
Other N Atlantic	World	Motor Vehicles	57,139	52,869	87,322	82,746	88,424	122,376	134,289	141,741	157,245	177,302	205,189
Gulf Coast	World	Motor Vehicles	7,567	15,136	69,900	65,626	72,308	103,957	117,350	123,497	122,768	111,249	99,882
South Pacific	World	Motor Vehicles	258,220	295,157	312,862	290,914	321,675	501,748	627,664	752,573	1,047,909	1,404,186	1,816,989
North Pacific	World	Motor Vehicles	160,505	169,751	177,145	114,353	124,467	174,434	205,379	234,664	299,337	371,009	445,883
Alaska	World	Motor Vehicles	0	0	0	0	0	0	0	0	0	0	0
Hawaii	World	Motor Vehicles	310	296	455	480	509	717	915	1,163	1,923	3,209	5,398

Table A-11. TEUs of Exports from US South Atlantic Coast Ports and Other Coasts, by World Trade Route, for All Commodties: 1995 - 2050 (selected C2118years)

Origin	Destination	Produt Group	1995	2000	2003	2004	2005	2010	2015	2020	2030	2040	2050
USA	World	All Commodities	5,717,411	5,222,689	6,552,904	6,793,201	6,890,924	7,592,271	8,246,429	9,186,147	12,285,625	18,890,848	32,117,631
USA	Percent Change	All Commodities	NA	-1.79%	7.86%	3.67%	1.44%	1.96%	1.67%	2.18%	2.95%	4.40%	5.45%
Savannah	World	All Commodities	227,918	260,437	388,361	406,627	408,991	420,447	442,855	488,149	637,739	945,571	1,543,369
Savannah	Percent Change	All Commodities	NA	2.70%	14.25%	4.70%	0.58%	0.55%	1.04%	1.97%	2.71%	4.02%	5.02%
Savannah	Africa	All Commodities	2,210	2,479	1,725	1,714	1,706	1,765	1,785	1,853	2,205	3,227	5,610
Savannah	Central America	All Commodities	10,493	3,047	14,284	15,206	15,648	17,665	19,683	22,286	32,946	60,967	121,000
Savannah	East Coast S America	All Commodities	27,164	31,424	9,965	10,572	10,652	11,764	12,689	13,874	16,541	19,613	23,349
Savannah	Eastern Europe	All Commodities	1,354	2,165	4,648	4,710	4,823	5,369	5,787	6,593	10,223	18,820	34,646
Savannah	India	All Commodities	2,882	5,302	10,415	10,549	10,639	11,872	13,401	15,424	23,740	45,280	92,145
Savannah	Middle East	All Commodities	6,813	9,540	7,729	7,751	7,727	7,939	8,014	8,277	8,907	9,577	10,252
Savannah	Mediterranean	All Commodities	11,319	16,606	22,422	23,212	23,477	25,991	28,472	31,885	39,772	48,792	58,602
Savannah	North America	All Commodities	2	2	1	1	1	2	2	2	3	4	5
Savannah	NE Asia	All Commodities	84,816	91,920	204,634	212,565	213,429	214,163	219,054	237,166	295,356	401,199	588,497
Savannah	North Europe	All Commodities	43,152	57,010	60,032	63,041	64,205	62,577	64,770	69,552	80,566	93,373	106,788
Savannah	Oceania	All Commodities	18,734	21,510	23,988	26,211	25,084	26,429	29,978	34,857	46,963	62,478	79,456
Savannah	Europe, Other	All Commodities	68	483	48	48	49	54	58	62	70	80	90
Savannah	SE Asia	All Commodities	10,222	13,551	21,379	23,820	24,311	26,961	30,225	35,523	58,256	119,476	254,497
Savannah	West Coast S America	All Commodities	8,691	5,398	7,090	7,226	7,240	7,896	8,937	10,796	22,190	62,686	168,433
Charleston	World	All Commodities	364,677	414,276	427,016	443,365	449,301	505,916	567,983	648,299	895,918	1,364,276	2,196,283
Charleston	Percent Change	All Commodities	NA	2.58%	1.01%	3.83%	1.34%	2.40%	2.34%	2.68%	3.29%	4.29%	4.88%
Charleston	Africa	All Commodities	5,517	6,052	5,592	5,498	5,474	5,895	6,118	6,439	7,739	10,512	15,593
Charleston	Central America	All Commodities	5,409	13,335	17,652	18,562	19,041	21,404	23,624	26,329	37,621	65,784	123,108
Charleston	East Coast S America	All Commodities	20,283	37,670	31,001	33,098	33,598	38,456	42,588	46,495	54,753	63,909	74,473
Charleston	Eastern Europe	All Commodities	5,872	7,875	13,824	14,271	14,777	17,385	19,710	23,881	45,097	105,708	231,626
Charleston	India	All Commodities	6,158	4,801	17,450	17,865	18,363	22,451	28,060	36,225	71,404	165,422	383,307
Charleston	Middle East	All Commodities	10,780	7,774	3,268	3,289	3,320	3,495	3,614	3,794	4,209	4,672	5,167
Charleston	Mediterranean	All Commodities	24,760	27,593	35,173	36,147	36,517	41,013	45,529	51,025	63,966	79,583	98,083
Charleston	North America	All Commodities	2	2	1	1	1	2	2	2	3	3	4
Charleston	NE Asia	All Commodities	102,109	108,882	94,201	97,799	98,431	102,245	106,386	116,831	148,562	204,566	297,809
Charleston	North Europe	All Commodities	123,746	150,358	159,233	165,600	168,498	198,778	231,411	265,883	344,621	436,016	534,658
Charleston	Oceania	All Commodities	5,667	2,850	2,559	2,775	2,692	2,826	3,134	3,546	4,487	5,552	6,674
Charleston	Europe, Other	All Commodities	400	1,227	372	378	385	413	436	463	529	606	689
Charleston	SE Asia	All Commodities	31,376	19,770	22,592	23,169	23,179	23,400	24,498	27,324	40,318	72,667	133,503
Charleston	West Coast S America	All Commodities	22,601	26,088	24,099	24,914	25,025	28,153	32,873	40,061	72,610	149,278	291,589

Origin	Destination	Produt Group	1995	2000	2003	2004	2005	2010	2015	2020	2030	2040	2050
Jacksonville	World	All Commodities	124,569	85,307	94,269	97,729	99,299	112,183	122,307	135,491	181,511	285,999	500,993
Jacksonville	Percent Change	All Commodities	NA	-7.29%	3.39%	3.67%	1.61%	2.47%	1.74%	2.07%	2.97%	4.65%	5.77%
Jacksonville	Africa	All Commodities	1,679	199	369	368	366	419	476	548	812	1,500	3,011
Jacksonville	Central America	All Commodities	17,815	17,602	16,220	16,672	17,091	18,713	19,440	20,620	27,082	45,452	84,278
Jacksonville	East Coast S America	All Commodities	48,126	35,277	30,604	32,522	32,852	37,201	40,284	42,807	47,621	52,281	57,344
Jacksonville	Eastern Europe	All Commodities	2,106	2,502	1,243	1,303	1,410	1,750	1,881	2,217	3,792	7,519	14,949
Jacksonville	India	All Commodities	78	144	204	193	204	294	468	828	3,255	11,935	33,414
Jacksonville	Middle East	All Commodities	117	1,361	1,482	1,488	1,478	1,480	1,484	1,536	1,670	1,828	2,004
Jacksonville	Mediterranean	All Commodities	1,435	822	2,970	3,094	3,247	5,125	6,527	8,296	12,399	17,019	21,872
Jacksonville	North America	All Commodities	2	2	1	1	1	2	2	2	3	3	4
Jacksonville	NE Asia	All Commodities	8,957	6,232	12,212	12,610	13,051	14,741	16,174	18,934	27,245	42,415	70,508
Jacksonville	North Europe	All Commodities	24,114	13,361	14,337	14,725	14,964	17,477	19,427	21,240	24,559	27,533	30,386
Jacksonville	Oceania	All Commodities	5,104	697	511	532	538	613	676	739	907	1,128	1,405
Jacksonville	Europe, Other	All Commodities	90	32	19	18	18	20	22	23	26	30	33
Jacksonville	SE Asia	All Commodities	1,580	1,021	5,636	5,698	5,741	6,063	6,707	7,938	15,295	37,928	89,838
Jacksonville	West Coast S America	All Commodities	13,365	6,055	8,462	8,503	8,339	8,285	8,739	9,763	16,845	39,428	91,946
Miami	World	All Commodities	300,850	258,875	278,640	295,065	301,741	343,887	383,650	431,894	584,994	877,896	1,392,760
Miami	Percent Change	All Commodities	NA	-2.96%	2.48%	5.89%	2.26%	2.65%	2.21%	2.40%	3.08%	4.14%	4.72%
Miami	Africa	All Commodities	155	522	431	432	433	461	488	526	723	1,278	2,497
Miami	Central America	All Commodities	120,696	159,594	166,634	177,636	183,704	211,713	236,761	266,538	359,614	529,984	805,715
Miami	East Coast S America	All Commodities	89,467	45,825	25,542	27,697	28,194	33,236	36,552	38,849	42,917	46,381	50,031
Miami	Eastern Europe	All Commodities	705	582	902	940	975	1,308	1,679	2,198	4,068	8,056	15,497
Miami	India	All Commodities	1,072	1,325	3,676	3,607	3,603	3,690	3,938	4,497	7,811	18,390	43,053
Miami	Middle East	All Commodities	1,409	295	743	742	740	792	822	854	952	1,078	1,210
Miami	Mediterranean	All Commodities	2,327	1,949	5,516	5,746	5,960	8,741	10,927	13,713	20,375	28,302	37,323
Miami	North America	All Commodities	2	2	1	1	1	2	2	2	3	4	5
Miami	NE Asia	All Commodities	14,782	8,500	12,775	13,238	13,341	13,937	15,063	17,291	24,857	39,761	68,610
Miami	North Europe	All Commodities	17,257	11,363	30,353	31,356	30,691	30,423	31,554	33,302	38,147	44,699	52,513
Miami	Oceania	All Commodities	482	633	570	592	600	660	707	757	901	1,103	1,370
Miami	Europe, Other	All Commodities	144	60	18	18	17	20	21	23	26	29	33
Miami	SE Asia	All Commodities	3,484	1,884	2,284	2,394	2,491	3,081	4,019	5,615	13,464	36,191	87,820
Miami	West Coast S America	All Commodities	48,868	26,341	29,195	30,666	30,990	35,823	41,115	47,731	71,137	122,640	227,083
Wilmington	World	All Commodities	54,094	22,298	19,557	20,479	21,143	24,479	28,956	36,222	71,517	178,500	435,375
Wilmington	Percent Change	All Commodities	NA	-16.24%	-4.28%	4.71%	3.24%	2.97%	3.42%	4.58%	7.04%	9.58%	9.33%
Wilmington	Africa	All Commodities	108	78	75	78	81	105	131	166	338	914	2,357
Wilmington	Central America	All Commodities	1,369	709	874	932	993	1,398	1,993	3,066	9,855	33,242	89,926
Wilmington	East Coast S America	All Commodities	3,044	1,586	807	890	926	1,197	1,444	1,628	2,028	2,519	3,268
Wilmington	Eastern Europe	All Commodities	777	212	197	207	225	309	391	496	903	1,868	3,868
Wilmington	India	All Commodities	161	299	290	281	290	394	586	996	3,991	15,840	47,813
Wilmington	Middle East	All Commodities	285	214	264	270	282	354	421	484	622	779	949
Wilmington	Mediterranean	All Commodities	2,080	1,471	905	942	957	897	899	950	1,092	1,284	1,536
Wilmington	North America	All Commodities	3	2	1	1	1	1	2	2	2	3	3
Wilmington	NE Asia	All Commodities	26,735	8,945	8,495	8,878	9,116	10,446	11,941	14,104	21,224	35,337	63,266
Wilmington	North Europe	All Commodities	13,040	4,754	4,571	4,718	4,815	4,756	4,827	5,091	5,862	6,986	8,617
Wilmington	Oceania	All Commodities	753	385	465	484	489	554	608	662	807	997	1,242
Wilmington	Europe, Other	All Commodities	41	13	12	12	12	14	15	16	19	22	25
Wilmington	SE Asia	All Commodities	4,201	2,768	1,977	2,114	2,245	3,027	4,137	5,976	15,456	45,099	117,626
Wilmington	West Coast S America	All Commodities	1,497	863	624	671	710	1,027	1,561	2,586	9,317	33,612	94,879

Origin	Destination	Produt Group	1995	2000	2003	2004	2005	2010	2015	2020	2030	2040	2050
Norfolk	World	All Commodities	368,035	353,597	380,265	388,736	391,428	419,754	447,059	488,878	640,788	993,433	1,720,759
Norfolk	Percent Change	All Commodities	NA	-0.80%	2.45%	2.23%	0.69%	1.41%	1.27%	1.80%	2.74%	4.48%	5.65%
Norfolk	Africa	All Commodities	3,033	5,770	7,748	7,751	7,805	8,949	9,915	10,949	14,000	19,726	30,344
Norfolk	Central America	All Commodities	3,917	4,721	10,200	10,813	11,333	14,068	15,999	18,309	27,717	52,473	105,522
Norfolk	East Coast S America	All Commodities	33,903	37,096	22,833	24,106	24,290	27,084	28,819	30,243	33,107	36,160	39,757
Norfolk	Eastern Europe	All Commodities	13,937	11,433	15,897	16,555	17,529	21,044	23,639	29,193	60,182	157,833	388,415
Norfolk	India	All Commodities	2,536	8,528	15,651	15,756	16,128	18,209	20,882	24,906	42,356	86,137	170,070
Norfolk	Middle East	All Commodities	4,403	6,790	4,305	4,337	4,382	4,803	5,155	5,535	6,317	7,144	8,010
Norfolk	Mediterranean	All Commodities	22,400	31,471	31,498	31,919	32,059	34,274	34,187	34,690	36,374	39,186	43,468
Norfolk	North America	All Commodities	17	97	113	113	116	135	148	158	169	173	170
Norfolk	NE Asia	All Commodities	73,620	78,387	110,577	113,324	114,054	118,994	125,323	136,310	168,796	231,189	353,020
Norfolk	North Europe	All Commodities	149,256	130,760	116,719	117,910	117,382	121,023	125,659	131,981	148,689	171,396	200,761
Norfolk	Oceania	All Commodities	15,985	11,851	10,981	11,723	11,496	12,717	14,483	16,717	23,726	36,032	56,735
Norfolk	Europe, Other	All Commodities	15,134	1,730	1,046	1,020	979	1,096	1,153	1,215	1,371	1,560	1,782
Norfolk	SE Asia	All Commodities	25,756	22,178	24,148	24,657	25,110	27,746	31,009	36,001	54,893	98,684	188,144
Norfolk	West Coast S America	All Commodities	4,139	2,787	8,548	8,752	8,764	9,612	10,688	12,671	23,091	55,741	134,562
Other N Atlantic	World	All Commodities	740,845	663,327	952,192	977,979	983,430	1,042,163	1,111,109	1,224,451	1,634,357	2,586,973	4,574,573
Other N Atlantic	Percent Change	All Commodities	NA	-2.19%	12.81%	2.71%	0.56%	1.17%	1.29%	1.96%	2.93%	4.70%	5.87%
Other N Atlantic	Africa	All Commodities	16,023	11,123	18,302	18,151	18,326	20,912	22,769	24,530	29,598	37,949	50,468
Other N Atlantic	Central America	All Commodities	38,666	40,530	47,861	51,266	54,127	67,381	76,532	86,262	113,810	158,980	226,434
Other N Atlantic	East Coast S America	All Commodities	73,878	56,390	43,749	46,849	47,159	53,282	57,344	60,752	67,705	74,978	83,146
Other N Atlantic	Eastern Europe	All Commodities	14,277	10,529	26,492	27,768	29,438	37,585	46,090	60,791	143,862	424,427	1,121,252
Other N Atlantic	India	All Commodities	15,738	19,171	48,631	48,474	48,795	51,948	56,605	64,188	97,691	184,613	359,475
Other N Atlantic	Middle East	All Commodities	18,520	22,384	18,305	18,582	18,990	21,780	24,061	26,420	31,450	36,834	42,491
Other N Atlantic	Mediterranean	All Commodities	42,138	35,471	47,808	49,930	50,912	58,188	62,142	66,710	77,067	89,316	103,655
Other N Atlantic	North America	All Commodities	144	249	468	454	460	494	549	654	887	1,153	1,429
Other N Atlantic	NE Asia	All Commodities	189,203	157,650	316,929	322,757	319,725	314,735	325,800	360,349	473,325	700,716	1,161,151
Other N Atlantic	North Europe	All Commodities	220,190	218,505	246,450	251,900	254,086	264,026	270,066	277,047	293,790	315,558	341,553
Other N Atlantic	Oceania	All Commodities	14,156	12,116	26,307	29,137	28,382	31,658	36,229	41,724	55,973	76,819	106,912
Other N Atlantic	Europe, Other	All Commodities	3,270	1,538	1,340	1,383	1,434	1,890	2,224	2,563	3,299	4,120	5,030
Other N Atlantic	SE Asia	All Commodities	54,349	50,191	71,741	72,605	73,273	77,606	86,604	102,873	171,890	347,199	717,183
Other N Atlantic	West Coast S America	All Commodities	40,295	27,481	37,808	38,723	38,323	40,677	44,096	49,589	74,010	134,310	254,395
Gulf Coast	World	All Commodities	485,632	668,007	937,607	983,478	1,009,186	1,203,541	1,357,021	1,531,331	2,051,545	3,013,773	4,709,706
Gulf Coast	Percent Change	All Commodities	NA	6.58%	11.96%	4.89%	2.61%	3.59%	2.43%	2.45%	2.97%	3.92%	4.57%
Gulf Coast	Africa	All Commodities	4,339	9,271	11,920	11,738	11,707	13,552	15,189	17,510	26,672	50,426	103,394
Gulf Coast	Central America	All Commodities	66,706	152,147	378,483	405,018	425,379	541,449	611,981	683,742	848,036	1,062,880	1,346,973
Gulf Coast	East Coast S America	All Commodities	72,542	112,581	91,549	97,782	98,402	108,076	114,902	120,643	133,284	146,917	161,967
Gulf Coast	Eastern Europe	All Commodities	17,216	18,794	19,439	20,444	21,781	27,144	30,167	35,514	59,274	119,007	238,725
Gulf Coast	India	All Commodities	11,024	8,055	20,583	21,284	22,488	29,408	38,577	52,652	120,284	314,371	746,936
Gulf Coast	Middle East	All Commodities	8,636	12,233	13,579	13,790	14,088	15,353	16,600	18,047	21,321	25,235	29,946
Gulf Coast	Mediterranean	All Commodities	19,551	39,822	53,745	55,155	55,817	65,545	72,655	80,051	96,965	117,659	142,621
Gulf Coast	North America	All Commodities	2	2	4	4	4	6	7	9	12	17	27
Gulf Coast	NE Asia	All Commodities	75,050	39,340	65,607	67,804	69,763	79,676	92,098	106,638	151,958	235,781	385,337
Gulf Coast	North Europe	All Commodities	134,645	193,256	199,476	203,063	201,442	221,219	242,507	263,988	318,191	388,697	480,026
Gulf Coast	Oceania	All Commodities	10,566	10,714	7,552	8,144	7,811	8,091	8,964	10,045	12,759	16,305	20,531
Gulf Coast	Europe, Other	All Commodities	204	151	241	243	248	270	291	313	367	433	508
Gulf Coast	SE Asia	All Commodities	12,613	10,760	12,210	12,785	13,261	15,811	19,321	24,464	46,441	103,744	230,069
Gulf Coast	West Coast S America	All Commodities	52,538	60,880	63,220	66,225	66,996	77,942	93,762	117,714	215,981	432,300	822,645

Origin	Destination	Produt Group	1995	2000	2003	2004	2005	2010	2015	2020	2030	2040	2050
South Pacific	World	All Commodities	1,640,588	1,483,657	1,722,819	1,780,055	1,794,697	1,921,938	2,066,830	2,296,057	3,099,866	4,964,520	8,966,347
South Pacific	Percent Change	All Commodities	NA	-1.99%	5.11%	3.32%	0.82%	1.38%	1.46%	2.13%	3.05%	4.82%	6.09%
South Pacific	Africa	All Commodities	732	752	1,022	988	966	1,110	1,219	1,346	1,761	2,648	4,450
South Pacific	Central America	All Commodities	21,088	23,703	54,405	56,991	58,615	65,996	72,057	78,551	97,581	135,334	207,306
South Pacific	East Coast S America	All Commodities	7,265	8,762	4,200	4,512	4,640	5,689	6,364	7,009	8,178	9,476	11,110
South Pacific	Eastern Europe	All Commodities	3,335	3,135	3,623	3,857	4,204	5,760	6,844	8,772	19,441	55,017	142,682
South Pacific	India	All Commodities	38,890	32,918	49,867	50,687	51,154	58,972	66,131	75,070	107,379	179,008	317,004
South Pacific	Middle East	All Commodities	1,592	1,593	1,800	1,817	1,889	2,264	2,518	2,818	3,519	4,423	5,642
South Pacific	Mediterranean	All Commodities	5,661	11,342	10,871	10,981	10,729	12,585	13,597	14,680	17,631	21,916	27,732
South Pacific	North America	All Commodities	16	92	35	35	36	47	55	62	79	100	126
South Pacific	NE Asia	All Commodities	1,235,707	1,072,011	1,262,966	1,293,154	1,296,106	1,333,761	1,383,631	1,488,614	1,815,059	2,427,272	3,573,294
South Pacific	North Europe	All Commodities	57,732	55,651	82,673	84,629	87,562	102,136	116,608	129,135	154,897	184,295	220,724
South Pacific	Oceania	All Commodities	51,376	75,555	68,897	74,415	73,981	87,638	101,264	115,010	146,180	182,728	223,615
South Pacific	Europe, Other	All Commodities	561	176	507	527	526	499	484	478	471	468	467
South Pacific	SE Asia	All Commodities	194,300	177,598	158,303	173,498	180,345	219,838	267,828	342,202	679,082	1,675,195	4,068,972
South Pacific	West Coast S America	All Commodities	22,334	20,371	23,650	23,963	23,945	25,641	28,230	32,310	48,608	86,639	163,222
North Pacific	World	All Commodities	1,291,329	881,997	974,807	1,018,031	1,042,121	1,162,168	1,239,293	1,362,456	1,716,070	2,365,450	3,559,320
North Pacific	Percent Change	All Commodities	NA	-7.34%	3.39%	4.43%	2.37%	2.20%	1.29%	1.91%	2.33%	3.26%	4.17%
North Pacific	Africa	All Commodities	319	458	510	515	503	599	655	743	1,045	1,842	3,668
North Pacific	East Coast S America	All Commodities	5,574	3,872	1,715	1,875	1,930	2,348	2,683	2,966	3,521	4,172	5,100
North Pacific	Eastern Europe	All Commodities	13,497	6,778	7,743	8,211	8,899	11,904	13,180	15,503	26,899	62,595	157,373
North Pacific	India	All Commodities	8,220	10,683	13,588	13,577	13,615	14,437	15,424	16,914	23,694	41,079	78,006
North Pacific	Middle East	All Commodities	233	508	575	583	612	752	877	1,026	1,361	1,756	2,215
North Pacific	Mediterranean	All Commodities	2,096	3,438	5,081	5,071	5,034	5,307	4,585	3,990	3,169	2,793	2,801
North Pacific	North America	All Commodities	1,462	1,064	524	518	525	687	826	956	1,217	1,468	1,729
North Pacific	NE Asia	All Commodities	1,058,217	714,909	761,006	793,587	809,095	872,390	900,212	962,671	1,121,055	1,377,145	1,768,012
North Pacific	North Europe	All Commodities	13,511	14,212	11,841	12,298	12,340	12,767	13,351	14,166	16,341	19,520	24,174
North Pacific	Oceania	All Commodities	21,227	16,161	20,006	21,624	21,054	22,362	24,965	28,225	36,235	46,841	59,640
North Pacific	Europe, Other	All Commodities	34	16	16	15	15	17	18	20	23	27	31
North Pacific	SE Asia	All Commodities	155,924	99,065	112,641	118,729	125,235	164,868	198,338	239,825	371,035	623,837	1,134,431
North Pacific	West Coast S America	All Commodities	9,258	5,837	7,320	7,446	7,674	8,956	10,142	12,081	21,611	52,213	126,429
Alaska	World	All Commodities	75,591	57,116	102,929	105,290	106,233	117,333	125,082	136,293	179,920	298,492	570,378
Alaska	Percent Change	All Commodities	NA	-5.45%	21.69%	2.29%	0.90%	2.01%	1.29%	1.73%	2.82%	5.19%	6.69%
Alaska	Africa	All Commodities	51	81	79	82	85	110	137	173	353	955	2,463
Alaska	Central America	All Commodities	621	599	746	795	849	1,215	1,804	2,893	9,913	34,258	93,377
Alaska	East Coast S America	All Commodities	1,421	1,543	826	911	948	1,227	1,481	1,671	2,082	2,588	3,362
Alaska	Eastern Europe	All Commodities	189	214	953	1,009	1,092	1,416	1,490	1,661	2,323	3,547	5,733
Alaska	India	All Commodities	90	91	129	119	130	228	423	844	3,948	16,268	49,563
Alaska	Middle East	All Commodities	46	100	104	107	113	150	183	215	290	382	492
Alaska	Mediterranean	All Commodities	114	1,262	1,730	1,732	1,736	1,846	1,628	1,450	1,185	1,074	1,100
Alaska	North America	All Commodities	3	2	3	3	3	4	4	5	5	6	7
Alaska	NE Asia	All Commodities	68,383	46,400	68,416	70,160	71,196	77,163	81,209	86,173	97,998	117,017	147,515
Alaska	North Europe	All Commodities	2,549	4,623	25,777	25,890	25,285	27,237	27,805	28,816	31,555	35,275	40,173
Alaska	Oceania	All Commodities	319	401	438	454	461	527	581	635	784	981	1,236
Alaska	Europe, Other	All Commodities	8	13	13	12	12	14	15	17	20	23	26
Alaska	SE Asia	All Commodities	1,292	1,132	3,076	3,327	3,595	5,141	6,711	9,066	19,769	51,060	126,277
Alaska	West Coast S America	All Commodities	505	656	638	687	728	1,055	1,609	2,675	9,694	35,059	99,053

Origin	Destination	Produt Group	1995	2000	2003	2004	2005	2010	2015	2020	2030	2040	2050
Hawaii	World	All Commodities	16,760	25,304	222,690	223,368	229,475	257,045	285,287	327,528	469,320	773,187	1,422,637
Hawaii	Percent Change	All Commodities	NA	8.59%	106.46%	0.30%	2.73%	2.30%	2.11%	2.80%	3.66%	5.12%	6.29%
Hawaii	Africa	All Commodities	51	81	79	82	85	110	137	173	353	955	2,463
Hawaii	Central America	All Commodities	669	599	842	893	948	1,319	1,914	3,008	10,039	34,395	93,521
Hawaii	East Coast S America	All Commodities	1,421	1,543	826	911	948	1,227	1,481	1,671	2,082	2,588	3,362
Hawaii	Eastern Europe	All Commodities	123	130	179	187	201	268	329	412	744	1,576	3,377
Hawaii	India	All Commodities	73	670	1,517	1,475	1,457	1,451	1,553	1,897	4,920	17,321	50,819
Hawaii	Middle East	All Commodities	46	100	104	107	113	150	183	215	290	382	492
Hawaii	Mediterranean	All Commodities	114	159	247	264	287	337	388	444	572	720	896
Hawaii	North America	All Commodities	1	2	1	1	1	2	2	2	2	3	4
Hawaii	NE Asia	All Commodities	7,771	11,070	206,253	206,724	212,652	238,884	264,681	301,852	414,688	621,768	1,031,829
Hawaii	North Europe	All Commodities	2,069	2,383	2,486	2,488	2,546	2,882	3,109	3,401	4,187	5,295	6,914
Hawaii	Oceania	All Commodities	380	415	481	500	507	579	637	695	849	1,051	1,311
Hawaii	Europe, Other	All Commodities	8	13	13	12	12	14	15	17	20	23	26
Hawaii	SE Asia	All Commodities	3,529	7,483	8,992	9,003	8,956	8,732	9,207	11,022	20,825	51,987	128,493
Hawaii	West Coast S America	All Commodities	505	656	671	721	762	1,092	1,650	2,720	9,747	35,124	99,129

Table A-12. TEUs of Exports from US South Atlantic Coast Ports and Other Coasts, by World Trade Route, for Commodity Groups: 1995 - 2050 (selected years)

Origin	Destination	Produt Group	1995	2000	2003	2004	2005	2010	2015	2020	2030	2040	2050
USA	World	Agriculture	638,794	469,667	574,275	622,188	626,471	693,063	739,497	792,104	912,470	1,068,908	1,283,122
Savannah	World	Agriculture	8,143	14,473	50,157	55,870	56,421	57,122	58,579	60,875	66,201	72,762	80,016
Charleston	World	Agriculture	18,490	15,149	24,115	25,717	25,708	28,289	31,033	33,980	41,696	52,409	66,457
Jacksonville	World	Agriculture	12,152	3,570	652	684	688	720	715	734	739	756	782
Miami	World	Agriculture	14,165	5,894	24,363	25,216	24,442	22,230	21,273	20,912	20,796	21,506	22,793
Wilmington	World	Agriculture	2,909	738	1,545	1,669	1,710	2,024	2,231	2,446	2,939	3,585	4,430
Norfolk	World	Agriculture	26,225	43,364	41,597	43,660	43,782	44,950	45,997	47,552	50,346	53,269	56,217
Other N Atlantic	World	Agriculture	56,700	39,165	40,848	42,756	42,882	45,935	47,937	50,769	56,026	62,201	69,200
Gulf Coast	World	Agriculture	41,216	62,618	84,411	87,306	86,819	94,506	100,352	106,302	118,743	133,551	150,004
South Pacific	World	Agriculture	195,455	137,794	173,608	195,525	197,755	229,027	249,421	271,726	321,438	389,719	479,436
North Pacific	World	Agriculture	259,697	134,811	126,462	137,111	139,799	161,428	175,003	189,675	225,912	270,700	344,114
Alaska	World	Agriculture	965	517	587	633	638	722	775	837	977	1,172	1,443
Hawaii	World	Agriculture	98	43	130	134	130	139	142	146	158	177	206
USA	World	Extractive	149,418	130,851	143,155	150,972	153,850	164,481	171,485	181,045	206,492	240,235	287,692
Savannah	World	Extractive	0	0	0	0	0	1	1	1	1	1	1
Charleston	World	Extractive	13,325	30,451	13,121	13,420	13,683	14,288	14,477	14,860	16,000	17,409	19,106
Jacksonville	World	Extractive	2,535	659	4,299	4,343	4,357	4,277	4,018	3,701	3,052	2,416	1,880
Miami	World	Extractive	2,141	1,533	4,423	4,501	4,566	4,691	4,552	4,285	3,735	3,170	2,692
Wilmington	World	Extractive	233	99	127	131	131	128	121	114	100	85	73
Norfolk	World	Extractive	3,455	3,072	3,971	4,071	4,158	4,540	4,785	4,912	5,091	5,286	5,682
Other N Atlantic	World	Extractive	21,298	11,172	32,796	35,714	37,041	44,703	52,194	61,837	86,400	118,769	161,672
Gulf Coast	World	Extractive	10,569	11,944	14,575	14,996	15,554	17,952	20,187	22,271	26,270	30,348	35,546
South Pacific	World	Extractive	62,762	46,379	44,633	46,063	46,255	45,610	43,899	42,478	40,000	37,767	36,359
North Pacific	World	Extractive	32,095	24,292	22,963	25,400	25,734	25,933	24,986	24,381	23,742	22,982	22,752
Alaska	World	Extractive	154	0	197	202	201	192	180	170	150	130	115
Hawaii	World	Extractive	545	560	1,202	1,267	1,297	1,323	1,260	1,221	1,151	1,076	1,013
USA	World	Food	1,042,016	991,244	1,246,333	1,301,669	1,354,581	1,643,036	1,774,612	1,930,132	2,263,554	2,638,765	2,985,594
Savannah	World	Food	13,166	25,240	36,819	37,718	38,222	42,399	42,006	43,391	47,616	53,487	58,764
Charleston	World	Food	35,397	42,220	34,027	35,236	35,560	40,263	41,199	43,990	50,732	58,738	62,900
Jacksonville	World	Food	18,654	7,942	8,276	8,696	9,064	12,014	13,598	15,682	20,844	26,974	33,882
Miami	World	Food	25,940	23,215	25,239	26,924	28,414	38,920	44,852	51,389	66,357	83,505	102,231
Wilmington	World	Food	6,055	3,001	2,005	2,061	2,098	2,317	2,439	2,571	2,820	3,089	3,310
Norfolk	World	Food	84,714	70,116	67,315	69,178	70,445	78,276	79,562	83,980	96,787	113,625	130,834
Other N Atlantic	World	Food	52,642	38,376	45,582	47,348	48,728	57,957	62,308	67,896	80,889	95,769	110,403
Gulf Coast	World	Food	43,379	48,631	248,726	267,706	284,829	384,652	434,763	483,815	589,217	701,765	815,420
South Pacific	World	Food	334,264	342,860	321,212	330,538	337,494	380,541	404,897	431,820	485,444	543,022	596,381
North Pacific	World	Food	361,358	334,956	358,617	375,956	398,986	496,400	536,299	588,596	697,102	822,723	926,026
Alaska	World	Food	64,005	47,075	90,597	92,345	92,722	100,431	103,794	108,018	116,536	126,450	135,366
Hawaii	World	Food	1,069	3,160	3,516	3,610	3,674	4,040	4,246	4,478	4,922	5,402	5,803

Origin	Destination	Produt Group	1995	2000	2003	2004	2005	2010	2015	2020	2030	2040	2050
USA	World	Materials	1,429,033	1,260,944	1,812,279	1,846,752	1,803,011	1,599,091	1,483,824	1,486,205	1,542,776	1,701,377	1,977,632
Savannah	World	Materials	121,685	119,191	170,640	177,480	174,846	155,395	147,818	154,497	174,018	201,752	232,254
Charleston	World	Materials	119,265	123,011	132,636	136,902	135,767	120,467	114,051	117,030	127,108	142,592	161,186
Jacksonville	World	Materials	32,154	23,305	17,720	17,821	17,455	16,327	15,658	15,206	14,889	14,824	14,832
Miami	World	Materials	42,584	46,506	78,777	86,870	89,534	100,999	112,977	127,008	161,133	205,398	262,333
Wilmington	World	Materials	15,670	5,519	4,832	4,993	4,946	4,157	3,744	3,638	3,545	3,611	3,806
Norfolk	World	Materials	78,859	72,155	107,283	107,397	105,595	97,355	93,091	93,448	99,374	129,385	210,192
Other N Atlantic	World	Materials	228,957	206,256	345,686	347,317	337,035	290,736	263,037	256,990	246,962	248,220	260,973
Gulf Coast	World	Materials	79,405	97,726	115,200	123,510	125,904	129,174	136,020	147,221	176,483	216,773	270,852
South Pacific	World	Materials	342,821	334,600	554,830	555,280	534,032	451,719	392,797	370,363	337,520	326,473	335,409
North Pacific	World	Materials	360,515	219,340	268,955	273,559	262,727	219,933	193,265	189,827	191,175	201,496	213,995
Alaska	World	Materials	1,008	0	1,141	1,141	1,093	909	774	718	628	581	574
Hawaii	World	Materials	5,421	11,418	10,697	10,490	10,141	8,569	7,566	7,320	7,074	7,331	8,089
USA	World	Consumer Goods	231,760	240,034	227,623	238,059	246,456	284,595	329,804	396,261	660,827	1,333,529	2,808,417
Savannah	World	Consumer Goods	6,775	4,954	8,845	9,296	9,654	10,879	12,320	14,564	22,245	37,092	63,865
Charleston	World	Consumer Goods	14,824	13,514	11,698	12,306	12,712	14,062	15,579	18,090	27,958	48,183	79,740
Jacksonville	World	Consumer Goods	4,460	1,141	730	781	799	913	994	1,061	1,204	1,371	1,551
Miami	World	Consumer Goods	45,343	70,717	40,898	41,467	41,918	43,531	44,400	45,543	48,221	52,059	56,956
Wilmington	World	Consumer Goods	1,155	214	100	108	115	144	187	251	519	1,192	2,658
Norfolk	World	Consumer Goods	13,131	11,928	11,733	12,268	12,689	14,447	16,517	19,550	32,200	62,805	122,288
Other N Atlantic	World	Consumer Goods	47,089	36,835	47,791	50,372	52,359	62,093	73,198	88,971	156,328	342,853	767,411
Gulf Coast	World	Consumer Goods	8,415	30,964	39,826	40,772	41,300	45,830	49,044	54,298	67,425	92,606	139,627
South Pacific	World	Consumer Goods	71,594	56,998	53,846	57,541	60,868	75,438	95,429	124,349	243,306	545,940	1,209,791
North Pacific	World	Consumer Goods	17,790	10,981	10,195	11,044	11,828	14,938	19,632	26,687	57,126	142,374	352,325
Alaska	World	Consumer Goods	71	0	38	41	43	44	47	54	77	120	193
Hawaii	World	Consumer Goods	59	56	25	27	29	39	54	77	193	519	1,255
USA	World	Chemicals	881,671	961,647	1,174,347	1,189,947	1,209,024	1,374,897	1,559,789	1,806,386	2,660,967	4,493,315	8,164,072
Savannah	World	Chemicals	29,183	31,874	45,347	45,558	46,232	51,292	56,931	64,482	88,575	133,253	208,800
Charleston	World	Chemicals	70,927	79,218	76,308	77,112	77,433	88,111	100,228	116,416	181,144	328,944	618,713
Jacksonville	World	Chemicals	15,133	7,074	13,582	13,919	14,042	15,229	16,546	18,019	22,343	28,941	38,262
Miami	World	Chemicals	12,514	11,096	9,746	9,896	9,885	10,188	10,735	11,632	15,686	23,876	36,868
Wilmington	World	Chemicals	2,136	2,484	834	836	860	969	1,078	1,236	1,736	2,734	4,808
Norfolk	World	Chemicals	49,653	60,653	58,249	58,709	59,078	69,593	81,356	95,939	144,340	241,563	422,494
Other N Atlantic	World	Chemicals	95,562	104,527	142,056	144,040	145,947	163,345	183,632	211,147	312,612	544,638	1,019,890
Gulf Coast	World	Chemicals	184,039	304,739	297,945	304,487	305,438	351,817	404,371	470,267	702,639	1,197,147	2,129,490
South Pacific	World	Chemicals	314,867	280,562	234,540	237,412	243,580	275,749	314,262	370,899	576,529	1,064,938	2,148,537
North Pacific	World	Chemicals	105,045	73,646	88,652	90,757	93,697	109,926	126,699	146,386	206,759	320,574	537,752
Alaska	World	Chemicals	445	0	503	503	518	583	646	736	1,008	1,505	2,488
Hawaii	World	Chemicals	485	124	197,256	197,416	203,193	228,517	253,234	288,645	395,526	590,670	977,159

Origin	Destination	Produt Group	1995	2000	2003	2004	2005	2010	2015	2020	2030	2040	2050
USA	World	High Technology	131,020	126,769	128,256	135,369	142,824	186,113	241,363	327,237	751,563	2,031,388	5,059,358
Savannah	World	High Technology	10,007	10,246	10,366	10,961	11,582	15,226	19,921	27,305	64,839	182,497	469,632
Charleston	World	High Technology	10,640	9,713	9,827	10,372	10,940	14,253	18,478	25,039	57,561	156,119	389,719
Jacksonville	World	High Technology	8,809	9,808	9,923	10,452	11,004	14,195	18,225	24,397	53,733	137,314	325,205
Miami	World	High Technology	11,546	9,237	9,345	9,854	10,384	13,460	17,368	23,406	52,824	140,200	344,755
Wilmington	World	High Technology	16,832	9,113	9,220	9,745	10,301	13,527	17,676	24,197	57,255	160,185	409,821
Norfolk	World	High Technology	9,984	9,798	9,913	10,471	11,055	14,454	18,811	25,594	59,053	159,534	396,357
Other N Atlantic	World	High Technology	9,841	10,006	10,123	10,659	11,215	14,408	18,406	24,462	52,709	131,984	309,471
Gulf Coast	World	High Technology	7,408	11,427	11,561	12,176	12,815	16,505	21,169	28,295	62,046	157,988	373,949
South Pacific	World	High Technology	8,587	8,380	8,478	8,960	9,472	12,439	16,254	22,250	52,648	147,296	376,847
North Pacific	World	High Technology	11,709	10,475	10,597	11,171	11,767	15,240	19,644	26,440	59,414	156,125	378,895
Alaska	World	High Technology	8,553	9,522	9,634	10,182	10,763	14,135	18,470	25,284	59,827	167,382	428,236
Hawaii	World	High Technology	8,553	9,522	9,634	10,182	10,763	14,135	18,470	25,284	59,827	167,382	428,236
USA	World	Intermed. Manufact.	510,513	397,994	499,967	521,437	542,934	663,217	811,573	967,626	1,464,202	2,457,037	4,358,533
Savannah	World	Intermed. Manufact.	13,082	19,733	27,229	28,397	29,363	35,270	42,603	49,776	71,669	110,220	178,519
Charleston	World	Intermed. Manufact.	35,085	38,794	40,504	41,965	43,220	51,120	59,485	67,578	94,119	150,786	255,533
Jacksonville	World	Intermed. Manufact.	12,482	4,081	5,282	5,466	5,536	5,968	6,361	6,674	7,327	8,025	8,778
Miami	World	Intermed. Manufact.	46,020	27,835	27,667	29,113	30,234	37,036	46,523	59,061	108,537	216,456	404,059
Wilmington	World	Intermed. Manufact.	5,931	253	407	426	446	547	676	809	1,194	1,848	2,972
Norfolk	World	Intermed. Manufact.	23,875	25,412	26,928	27,787	28,489	32,938	37,869	42,812	59,645	99,176	186,027
Other N Atlantic	World	Intermed. Manufact.	87,291	84,871	109,184	113,405	116,951	140,188	169,490	203,106	322,703	602,892	1,215,028
Gulf Coast	World	Intermed. Manufact.	64,163	41,728	57,335	60,154	62,373	77,147	95,568	114,596	178,349	307,807	544,411
South Pacific	World	Intermed. Manufact.	135,502	121,434	164,622	172,080	181,400	226,743	282,551	338,176	492,605	753,259	1,210,414
North Pacific	World	Intermed. Manufact.	78,638	29,057	34,467	36,067	37,823	47,140	59,080	71,675	110,273	183,066	321,178
Alaska	World	Intermed. Manufact.	222	0	232	242	254	317	395	476	715	1,150	1,956
Hawaii	World	Intermed. Manufact.	134	1	8	8	8	10	13	16	24	38	65
USA	World	Capital Equipment	412,217	355,810	385,552	407,209	421,051	493,555	568,243	649,667	889,237	1,298,580	2,015,201
Savannah	World	Capital Equipment	19,056	19,159	21,217	22,503	23,021	26,553	30,493	34,937	47,415	68,196	105,521
Charleston	World	Capital Equipment	39,892	34,765	35,067	37,146	38,973	45,405	51,118	57,071	73,961	101,171	145,868
Jacksonville	World	Capital Equipment	8,254	5,187	6,085	6,215	6,247	6,478	6,599	6,730	7,514	9,796	14,793
Miami	World	Capital Equipment	61,341	41,297	36,921	38,379	38,960	43,127	46,367	49,009	56,033	65,685	78,113
Wilmington	World	Capital Equipment	2,375	796	450	471	492	610	739	884	1,307	2,036	3,325
Norfolk	World	Capital Equipment	40,896	34,651	36,838	38,462	39,394	45,346	51,373	57,653	75,652	105,885	156,734
Other N Atlantic	World	Capital Equipment	75,837	68,207	95,585	101,486	105,144	123,930	141,730	159,981	211,068	292,760	424,126
Gulf Coast	World	Capital Equipment	39,559	45,710	49,637	52,859	54,608	63,499	71,297	79,089	102,852	142,589	203,616
South Pacific	World	Capital Equipment	89,186	76,421	73,564	77,657	80,745	97,796	119,107	144,848	224,007	368,135	641,990
North Pacific	World	Capital Equipment	34,556	25,126	25,426	27,193	28,614	35,802	44,265	54,156	83,588	135,475	232,359
Alaska	World	Capital Equipment	30	0	0	0	0	0	0	1	1	1	2
Hawaii	World	Capital Equipment	223	114	97	103	103	117	135	154	212	304	462

Origin	Destination	Produt Group	1995	2000	2003	2004	2005	2010	2015	2020	2030	2040	2050
USA	World	Motor Vehicles	290,969	287,727	361,117	379,599	390,721	490,224	566,239	649,484	933,536	1,627,715	3,178,008
Savannah	World	Motor Vehicles	6,821	15,567	17,741	18,846	19,649	26,311	32,183	38,320	55,160	86,312	145,996
Charleston	World	Motor Vehicles	6,832	27,442	49,714	53,188	55,304	89,659	122,335	154,245	225,639	307,924	397,061
Jacksonville	World	Motor Vehicles	9,935	22,541	27,720	29,351	30,107	36,062	39,594	43,286	49,867	55,581	61,027
Miami	World	Motor Vehicles	39,254	21,545	21,262	22,845	23,404	29,705	34,601	39,649	51,670	66,042	81,961
Wilmington	World	Motor Vehicles	799	81	38	41	44	56	65	77	104	135	172
Norfolk	World	Motor Vehicles	37,242	22,448	16,436	16,734	16,744	17,855	17,698	17,437	18,299	22,906	33,933
Other N Atlantic	World	Motor Vehicles	65,629	63,912	82,542	84,881	86,128	98,868	99,177	99,292	108,662	146,888	236,399
Gulf Coast	World	Motor Vehicles	7,478	12,520	18,390	19,511	19,545	22,458	24,250	25,177	27,521	33,201	46,790
South Pacific	World	Motor Vehicles	85,549	78,229	93,486	98,999	103,096	126,876	148,212	179,149	326,368	787,971	1,931,181
North Pacific	World	Motor Vehicles	29,924	19,314	28,474	29,773	31,144	35,429	40,418	44,632	60,980	109,936	229,924
Alaska	World	Motor Vehicles	138	0	0	0	0	0	0	0	1	2	5
Hawaii	World	Motor Vehicles	173	305	125	130	136	156	167	185	233	288	349

Appendix B

TRADE AND PORT MODEL REGION CONCORDANCES

Appendix B. Trade and Port Model Region Concordances

Trade Model Maritime Groups (Regions)	Port Model Maritime Groups (Regions)	Trade Model Export Regions	Port Model Regions	Short Code for Port Model Regions
AR	AR	ARG	ECSA	ECSA
AT	AT	ONEU	Other Europe	OEUR
AU	AU	ANZ	Oceania	OC
BE	BE	ONEU	Northern Europe	NEUR
BG	BG	EEUR	Eastern Europe	EE
BO	BO	WLAT	ECSA	ECSA
BR	BR	BRA	ECSA	ECSA
CA	CA	CANA	North America	NAM
CB	CB	CAM	Caribbean	CAM
CIS	CIS	RUUA	Eastern Europe	EE
CL	CL	WLAT	WCSA	WCSA
CN	CN	CNHK	Northeast Asia	NEA
CO	CO	WLAT	WCSA	WCSA
CR	CR	CAM	Central America	CAM
CS	CS	EEUR	Eastern Europe	EE
DE	DE	GER	Northern Europe	NEUR
DK	DK	ONEU	Northern Europe	NEUR
EAF	EAF	EAFR	Africa	AF
EC	EC	WLAT	WCSA	WCSA
ES	ES	OSEU	Mediterranean	MED
FI	FI	SCAN	Northern Europe	NEUR
FR	FR	FRA	Northern Europe	NEUR
GR	GR	OSEU	Mediterranean	MED
HK	HK	CNHK	Northeast Asia	NEA
HU	HU	EEUR	Eastern Europe	EE
IA	IA	IND	India and Other Asia	India
ID	ID	SEAS	Southeast Asia	SEA
IE	IE	UKIR	Northern Europe	NEUR
IL	IL	ISR	MIDDLE EAST	MEA
IT	IT	ITA	Northern Europe	NEUR
JP	JP	JAPA	NE Asia	NEA
KR	KR	KORE	NE Asia	NEA
MED	MED	OMEA	Mediterranean	MED
MX	MX	MEXA	Central America	CAM
MY	MY	SEAS	Southeast Asia	SEA
NAF	NAF	NAFR	Africa	AF
NL	NL	ONEU	Northern Europe	NEUR
NW	NW	SCAN	Northern Europe	NEUR
NZ	NZ	ANZ	Oceania	OC
OCLA	OCLA	CAM	Central America	CAM
OELA	OELA	OELAT	ECSA	ECSA
OINS	OINS	OINS	India and Other Asia	India
OREG	OREG	OREG	Oceania	OC
OSAF	OSAF	OSAF	Africa	AF
OWE	OWE	EEUR	Eastern Europe	EE

Trade Model Maritime Groups (Regions)	Port Model Maritime Groups (Regions)	Trade Model Export Regions	Port Model Regions	Short Code for Port Model Regions
PA	PA	CAM	Central America	CAM
PE	PE	WLAT	WCSA	WCSA
PG	PG	OMEA	MIDDLE EAST	MEA
PH	PH	SEAS	Southeast Asia	SEA
PK	PK	OINS	India and Other Asia	India
PL	PL	EEUR	Eastern Europe	EE
PT	PT	OSEU	Mediterranean	Med
RO	RO	EEUR	Eastern Europe	EE
SE	SE	SCAN	Northern Europe	NEUR
SG	SG	SEAS	Southeast Asia	SEA
SZ	SZ	ONEU	Other Europe	OEUR
TH	TH	SEAS	Southeast Asia	SEA
TR	TR	MEDR	Mediterranean	MED
TW	TW	TAW	Northeast Asia	NEA
UK	UK	UKIR	Northern Europe	NEUR
USAK	USAK	USA	US Alaska	USAK
USGC	USGC	USA	US Gulf Coast	USGC
USGL	USGL	USA	US Great Lakes	USGL
USHI	USHI	USA	US Haiwaii	USHI
USNA	USNANF	USA	US North Atlantic Norfolk	USNANF
USNA	USNAO	USA	US North Atlantic Other	USNAO
USNP	USNP	USA	US North Pacific	USNP
USSA	USSAC	USA	US South Atlantic Charleston	USSAC
USSA	USSAJ	USA	US South Atlantic Jacksonville	USSAJ
USSA	USSAM	USA	US South Atlantic Miami	USSAM
USSA	USSAS	USA	US South Atlantic Savanah	USSAS
USSA	USSAW	USA	US South Atlantic Wilmington	USSAW
USSP	USSP	USA	US South Pacific	USSP
USGE	USGL	USA	US Gulf Coast	USGL
VE	VE	OELAT	East Coast South America	ECSA
VN	VN	SEAS	Southeast Asia	SEA
WAF	WAF	WAFF	Africa	AF
ZA	ZA	SAFR	Africa	AF
OTH	OTH	OREG	Other	OTH

Appendix C

TRADE AND PORT MODEL PRODUCT (COMMODITY) CONCORDANCES

Appendix C. Trade and Port Model Product (Commodity) Concordances

Commodity Code	Product (Commodity) Description	Aggregate Commodity Group	Port Model Major Aggregate Commodity Group	GPA Aggregate Group	GPA Aggregate Group Short Title	Port Model Major Aggregate Commodity Group Short Title
C1A	Grain	PRIMARY FOOD/BEVERAGE	AGRICULTURE	Food	food	agr
C1B	Oil Seeds	PRIMARY FOOD/BEVERAGE	AGRICULTURE	Food	food	agr
C1C	Veg. and Fruits - req Refrigeration	REFRIGERATED PRODUCTS	AGRICULTURE	Food	food	agr
C1D	Veg. and Fruits - non-Refrigerated	PRIMARY FOOD/BEVERAGE	AGRICULTURE	Food	food	agr
C1E	Cork and Wood	OTHER AGRICULTURE	AGRICULTURE	forest and paper	pap	agr
C1F	Natural Rubber	OTHER AGRICULTURE	AGRICULTURE	chemical	chem	agr
C1G	Cotton	OTHER AGRICULTURE	AGRICULTURE	textiles	tex	agr
C1H	Other Raw Textile Materials	OTHER AGRICULTURE	AGRICULTURE	textiles	tex	agr
C1I	Other Agriculture	OTHER AGRICULTURE	AGRICULTURE	textiles	tex	agr
C1J	Coffee	PRIMARY FOOD/BEVERAGE	AGRICULTURE	food	food	agr
C1K	Cut Flowers and Foliage, etc.	OTHER AGRICULTURE	AGRICULTURE	retail consumer	cons	agr
C2A	Stone, Clay and Other Crude Minerals	BULK ORES	EXTRACTIVE	clay	clay	ext
C2B	Crude Fertilizers	BULK ORES	EXTRACTIVE	clay	clay	ext
C2C	Ores	BULK ORES	EXTRACTIVE	mineral	min	ext
C2D	Coal and Coke	COAL	EXTRACTIVE	mineral	min	ext
C2E	Crude Petroleum	CRUDE PETROLEUM	EXTRACTIVE	chemical	chem	ext
C2F	Natural Gas	NATURAL GAS	EXTRACTIVE	chemical	chem	ext
C2G	Scrap	BULK ORES	EXTRACTIVE	metal and ore	ore	ext
C311A	Refrigerated Meat/Dairy/Fish	REFRIGERATED PRODUCTS	FOOD	food	food	food
C311B	Other Meat/Dairy/Fish/Fruit/Veg.	NONREFRIGERATED	FOOD	food	food	food
C311C	Sugar	NONREFRIGERATED	FOOD	food	food	food
C311D	Animal Feed	OTHER FOOD	FOOD	food	food	food
C311E	Animal and Vegetable Oils	OILS & FATS	FOOD	food	food	food
C311F	Other Food	PROCESSED	FOOD	food	food	food
C313	Beverages	BEVERAGES	FOOD	food	food	food
C314	Tobacco	TOBACCO	FOOD	retail consumer	cons	food
C321	Textiles	TEXTILES, APPAREL, FOOTWEAR	MATERIALS	textiles	tex	mat
C322	Wearing Apparel	TEXTILES, APPAREL, FOOTWEAR	CONSUMER	textiles	tex	cons
C323	Leather and Products	TEXTILES, APPAREL, FOOTWEAR	MATERIALS	Retail consumer	cons	mat
C324	Footwear	TEXTILES, APPAREL, FOOTWEAR	MATERIALS	retail consumer	cons	cons
C331	Wood Products	WOOD & PAPER	MATERIALS	forest and paper	pap	mat
C332	Furniture and Fixtures	CONSUMER	CONSUMER	retail consumer	cons	cons
C341A	Waste Paper	WOOD & PAPER	MATERIALS	forest and paper	pap	mat
C341B	Pulp	WOOD & PAPER	MATERIALS	forest and paper	pap	mat
C341C	Paper and Paperboard and Products	WOOD & PAPER	MATERIALS	forest and paper	pap	mat
C342	Printing and Publishing	CONSUMER	CONSUMER	retail consumer	cons	cons
C3511A	Organic Chemicals	INDUS.CHEM.	CHEMICALS	chemicals	chem	chem
C3511B	Inorganic Chemicals	INDUS.CHEM.	CHEMICALS	chemical	chem	chem
C3512	Fertilizers and Pesticides	INDUS.CHEM.	CHEMICALS	chemical	chem	chem
C3513	Synthetic Resins	INDUS.CHEM.	CHEMICALS	chemical	chem	chem
C3521	Paints, Varnishes and Lacquers	CONSUMER CHEMICALS	CHEMICALS	chemical	chem	chem
C3522	Drugs and Medicines	HIGH TECH	HIGHTECH	retail consumer	cons	htech
C3523	Soap and Cleaning Preparations	CONSUMER CHEMICALS	CONSUMER	retail consumer	cons	cons
C3529	Chemical Products, nec.	INDUS.CHEM.	CHEMICALS	chemical	chem	chem
C353	Petroleum Refineries	FUELS	FUELS	chemical	chem	chem

Commodity Code	Product (Commodity) Description	Aggregate Commodity Group	Port Model Major Aggregate Commodity Group	GPA Aggregate Group	GPA Aggregate Group Short Title	Port Model Major Aggregate Commodity Group Short Title
C354	Petroleum and Coal Products	FUELS	FUELS	chemical	chem	chem
C355	Rubber Products	INTERM. MATERIALS	INTER.MFG.	retail consumer	cons	intm
C356	Plastic Products, nec.	INTERM. MATERIALS	INTER.MFG.	retail consumer	cons	intm
C361	Pottery, China etc.	INTERM. MATERIALS	INTER.MFG.	mineral	min	intm
C362	Glass and Products	INTERM. MATERIALS	INTER.MFG.	mineral	min	intm
C369	Non-Metallic Products, nec.	INTERM. MATERIALS	INTER.MFG.	clay	clay	intm
C371	Iron and Steel	PRIMARY METALS	INTER.MFG.	iron & steel	stl	intm
C372	Non-Ferrous Metals	PRIMARY METALS	INTER.MFG.	metal and ore	ore	intm
C381	Metal Products	PRIMARY METALS	INTER.MFG.	metal and ore	ore	intm
C3821	Engines and Turbines	CAPITAL	CAPITALEQUIP.	Hardware,Appliances,Machinery&Auto Parts	cap	cap
C3822	Agricultural Machinery	CAPITAL	CAPITALEQUIP.	Hardware,Appliances,Machinery&Auto Parts	cap	cap
C3823	Metal and Wood Working Machinery	CAPITAL	CAPITALEQUIP.	Hardware,Appliances,Machinery&Auto Parts	cap	cap
C3824	Special Industrial Machinery	CAPITAL	CAPITALEQUIP.	Hardware,Appliances,Machinery&Auto Parts	cap	cap
C3825	Office and Computing Machinery	HIGH TECH	HIGHTECH	Hardware,Appliances,Machinery&Auto Parts	cap	htech
C3829	Machinery and Equipment, nec.	CAPITAL	CAPITALEQUIP.	Hardware,Appliances,Machinery&Auto Parts	cap	cap
C3831	Electrical Industrial Machinery	CAPITAL	CAPITALEQUIP.	Hardware,Appliances,Machinery&Auto Parts	cap	cap
C3832A	Radio and TV	HIGH TECH	HIGHTECH	Hardware,Appliances,Machinery&Auto Parts	cap	htech
C3832B	Semi-conductors, Electronic Tubes,etc	HIGH TECH	HIGHTECH	Hardware,Appliances,Machinery&Auto Parts	cap	htech
C3832C	Other Communications Equipment	HIGH TECH	HIGHTECH	Hardware,Appliances,Machinery&Auto Parts	cap	htech
C3833	Electrical Appliances and Houseware	CONSUMER	CONSUMER	Hardware,Appliances,Machinery&Auto Parts	cap	cap
C3839	Electrical Apparatus, nec.	CAPITAL	CAPITALEQUIP.	Hardware,Appliances,Machinery&Auto Parts	cap	cap
C3841	Shipbuilding and Repairing	TRANSPORT	CAPITALEQUIP.	Hardware,Appliances,Machinery&Auto Parts	cap	cap
C3842	Railroad Equipment	TRANSPORT	CAPITALEQUIP.	Hardware,Appliances,Machinery&Auto Parts	cap	cap
C3843	Motor Vehicles and Parts	MOTOR VEHICLES	CAPITALEQUIP.	Hardware,Appliances,Machinery&Auto Parts	auto	auto
C3843A	Motor Vehicles	MOTOR VEHICLES	CAPITALEQUIP.	Hardware,Appliances,Machinery&Auto Parts	auto	auto
C3843B	Parts of Motor Vehicles	MOTOR VEHICLES	CAPITALEQUIP.	Hardware,Appliances,Machinery&Auto Parts	auto	auto
C3844	Motorcycles and Bicycles	MOTOR VEHICLES	CAPITALEQUIP.	Hardware,Appliances,Machinery&Auto Parts	auto	auto
C3845	Aircraft	TRANSPORT	CAPITALEQUIP.	Hardware,Appliances,Machinery&Auto Parts	cap	cap
C3849	Transport Equipment, nec.	TRANSPORT	CAPITALEQUIP.	Hardware,Appliances,Machinery&Auto Parts	cap	cap
C3851	Professional Equipment	HIGH TECH	HIGHTECH	Hardware,Appliances,Machinery&Auto Parts	cap	htech
C3852	Photographic and Optical Goods	CONSUMER	CONSUMER	retail consumer	cons	cons
C3853	Watches and Clocks	CONSUMER	CONSUMER	retail consumer	cons	cons
C390	Other Manufacturing, nes.	CONSUMER	CONSUMER	retail consumer	cons	cons
C390A	Toys, Games and Sporting Goods	CONSUMER	CONSUMER	retail consumer	cons	cons
C390B	Jewelry	CONSUMER	CONSUMER	retail consumer	cons	cons
C390C	Misc. Manufacturing Goods	CONSUMER	CONSUMER	retail consumer	cons	cons

Appendix D

ADDENDUM
TO FINAL REPORT

Savannah Harbor Expansion Project
Deep-Draft Channel Improvements
Economic Analysis: Commodity Projections
Part 3: South Atlantic Region Waterborne Trade Forecast
Part 4: Savannah Harbor Waterborne Trade Forecast
Final Report
Savannah District In-House Review

A draft report was submitted on August 12, 2004. The draft report was reviewed by Wesley Bushnell, and his comments were received on September 24 and responded to on September 29. Based on these responses and a non-response to GEC's October 22 request for other comments from the District, the Project Manager directed GEC in late October to submit a "Final Report." A Final Report was submitted on November 17. These comments were received from the District on November 24. A conference call to discuss these comments was held with the District on February 22, with Jeff Morris, Elizabeth Hilliard, and Alan Garrett (briefly) participating.

1. Statement and Basis of Concern: On Table 2: Port Characteristics, page 5, no data is included for Charleston under TEU Storage Capacity. It is important that this data is included since it provides input to "TEU Storage per Daily TEUs" calculations which is one of three separate measures of port effectiveness.

Specific Action Needed: Please include TEU Storage Capacity data for Charleston in Table 2.

Response: This will be added.

2. Statement and Basis of Concern: Also, but not as significant a concern as the prior comment, several cities including Charleston do not have data in the Post Panamax Cranes column.

Specific Action Needed: Please include this data for each city if it is readily available. Also, you're missing an "n" in Savanah.

Response: We will check this for Post Panamax cranes and add an "n" to "Savanah."

3. Statement and Basis of Concern: On page 5, Table 2: Port Characteristics, does not have a column for TEUs per Day. This data should be made transparent in Table 2 since it is an input to all three port effectiveness measures.

Specific Action Needed: Please include a column in Table 2 for TEUs per Day.

Response: We can add a column for average TEUs per day.

4. Statement and Basis of Concern: On page 6, Table 3. Port Effectiveness Measures in the "TEUs per Crane per Day" column does not appear to include Post Panamax cranes. If TEUs per day for Savannah equal 1,422 (203.24 TEUs per Day per Berth * 7 Berths), then 109.44 "TEUs per Crane per Day" equates to 13 "Ship-to-shore Cranes".

Specific Action Needed: If post-Panamax cranes are not included in the calculations for "TEUs per Crane per Day", then specify in title that post-Panamax are not included.

Response: A note should be added to Table 2 to indicate that the column "Ship to Shore Cranes" includes all cranes capable of working Panamax and Post-Panamax beam vessels.

5. Statement and Basis of Concern: On page 7, it is stated that "post-Panamax ship-to-shore cranes appears not to have a significiant impact on port shares". It would appear that Post Panamax cranes impact the ability of ports to handle larger vessels. On what basis was this statement made.

Specific Action Needed: Please provide more detail for the reason that post-Panamax ship-to-shore cranes do not (at this time) have a significant impact on port shares.

Response: There are no regularly scheduled Post-Panamax container vessels calling U.S. East Coast ports at this time. Consequently, although ports have striven to have the capability to work wide beam Post-Panamax vessels with larger (Post-Panamax) cranes, there has yet to be any regular Post-Panamax vessels calling that require these cranes. Therefore, at present there is no statistical or other relationship between the presence of Post-Panamax cranes and the absence of Post-Panamax vessels at U.S. East Coast ports.

6. Statement and Basis of Concern: A 10.6% TEU growth rate for 2005 appears high. This rate of growth in pre-base years may be seen as inflating benefits in the base year.

Specific Action Needed: Please explain in further detail the increase in growth rates for extractives and agriculture. Is the rate of growth due to reallocations of shipping bulk commodity exports from bulk/breakbulk to less expensive empty containers? Does this translate to real growth for the nation? How much of this growth rate is due to new growth? How much is due to transferring of cargo from one port to another? How much is due to change in origins and destinations?

Response: This is a compound average annual rate of growth for the period 2000 to 2005. It would include the actual (historical) volumes until 2003, then projections for 2004 and 2005. According to the detailed historical data in the appendix, Savannah Harbor volume of export TEUs increased from 260,437 (loaded) TEUs in 2000 to 388,361 (loaded) TEUs in 2003. The projected increases in exports after 2003 are relatively modest when compared to the actual reported volumes between 2000 and 2003. The data for the commodities up to and through 2003 is historical (actual) reported. Years 2004 and beyond are forecasted.

7. Statement and Basis of Concern: In Table 19, metric tonnes of imports for trade of extractives between Savannah and Eastern Europe jumps from 4,691 in 1995 to 201,255 in 2000 to 265 in 2003. Table A-6

Specific Action Needed: Please explain this steep spike for extractive imports.

Response: There are several observed fluctuations in the commodity statistics reflected in the Customs District data that occur prior to the forecast period beginning with 2004. Some of these fluctuations may be attributable to conversions of actual data to abbreviated commodity groups, but the data is as reported by Customs. Some of the markets such as Eastern Europe and commodities such as extractives and agriculture have been noted to have been volatile with respect to supply (world region) and demand. For example the Customs District data shows large imports of clay from Eastern Europe in 1997 (287,831 tons), 1998 (176,274 tons), 1999 (295,377 tons) and 2000 (201,255 tons), which had declined to 46,868 tons in 2001, 262 tons in 2002 and 265 tons in 2003.

8. Statement and Basis of Concern: Reference page 6 Table 3, since Savannah leads Charleston in 2 of the 3 primary criteria i.e. TEU's per Day per Berth and TEU per Crane per Day, why then is it assumed throughout the report that Charleston will lead Savannah in its projected long term market share, as it seems more likely that in a competitive market profit seeking shippers would ultimately chose the most effective port?

Specific Action Needed: Please explain.

Response: Page 6 item 2 indicates that higher volumes per crane "should be negative to port share." Thus, one of these factors noted in statement 8 (TEUs per Day per Berth) is positive for Savannah Harbor, and one factor (TEUs per Crane per Day) is negative.

9. Statement and Basis of Concern: Reference page 6 last paragraph, "In today's environment, channel and port depth is not a reasonable measure for determining port share or potential port traffic." This statement conflicts with what many shipping companies such as MSC have stated. They have stated that they would be willing to send more vessels to Savannah if the port depth were deeper.

Specific Action Needed: Please explain.

Response: What is being said here is that among the principal container ports in a region, such as the South Atlantic, there are generally no major differences in channel depths. Consequently, most container lines have made port choice decisions on factors other than depth.

10. Statement and Basis of Concern: Reference page 11 regarding the port choice model, Savannah has, for almost all commodities listed, higher T-stats than Charleston. Why then in a competitive market should it be assumed that Charleston would be the long term chosen port with a slightly higher market share?

Specific Action Needed: Please explain.

Response: As noted in the teleconference, an earlier draft used the trade region of Northern Europe, for which Savannah Harbor has a much smaller market share than Charleston Harbor. The T-stats were correspondingly higher for Charleston and lower for Savannah. As an example of trade region commodity flows, we substituted the data for North East Asia, which is a very strong market for Savannah Harbor compared to Charleston Harbor. Correspondingly, the T-stats in this example (North East Asia) are quite high for Savannah Harbor; but this is not the case for all trade regions (as noted).

11. Statement and Basis of Concern: Reference page 11 regarding the port choice model, what is Durbin-Watson stat showing the amount of nonstationarity of the model and more importantly what is the F-stat showing the overall model fit?

Specific Action Needed: Please provide this information on Table 4. Coefficients Developed by the Post Choice Model.

Response: Nonstationarity is not particularly applicable to the relatively stable forecast time series.

12. Statement and Basis of Concern: General Comment – Why were part 3 (South Atlantic Region) and part 4 (Savannah Harbor) not separated into two separate headers in the report? In my opinion there should be a separate section and conclusion for each. The conclusion of the South Atlantic Region section should lead the reader into the narrative about the Savannah section.

Specific Action Needed: Please split the document into two sections: South Atlantic Region and Savannah Harbor.

Response: As discussed in the teleconference, originally we had a separate part 4 for Savannah Harbor that began with what is now section VI, Detailed Outputs for Savannah Harbor. Our technical editor was of the opinion that the discussion of Savannah Harbor in terms of commodity projections was not particular to only this section but occurred in the prior sections as well. Moreover, the methodology and data were common to both "parts" (South Atlantic Ports and Savannah Harbor), and a division into parts three and four would leave the methodology section contained in part three. Because of the methodological overlap between Outputs for South Atlantic Ports (including Savannah) and Outputs for Savannah Harbor, it was decided to include the latter as section VI and to distinguish each section with the expression "detailed" to indicate the respective emphases (South Atlantic Ports and Savannah).

The document can be "split," but a note will need to be included in part four referencing the discussion of shared methodology in part three.

13. Statement and Basis of Concern: General Comment regarding the appendices– There is no narrative for the reader that corresponds to the tables in the appendices.

Specific Action Needed: Please provide summary narrative about the appendices within the given appendix.

Response: A narrative summary can be provided that links the detailed appendices to more abbreviated tables in the text.

14. Statement and Basis of Concern: How does the port choice model relate to the pooled cross-section time-series model?

Specific Action Needed: Please explain.

Response: The "port choice model" attempts to explain the trends and projections for individual ports based on existing trends and long-term commodity forecasts for the nation. The pooled cross-section time-series model applies to existing countries and export regions to pick up long-term trends in the countries over time and longer-term shifts resulting from improving incomes and industrial bases as measured through the cross-sectional elements in the data set (refer to Final Report, Savannah Harbor Expansion Project Deep-Draft Channel Improvements Economic Analysis: Commodity Projections, Part 1, World Waterborne Trade Forecast).

15. Statement and Basis of Concern: Does the port choice model group commodities into respective price elasticities so that the impacts may be estimated appropriately?

Specific Action Needed: Please explain.

Response: No.