C I N T R A F O R

Working Paper

22

A Preliminary Analysis of Timber and Timber Products Production, Consumption, Trade, and Prices in the Pacific Rim Until 2000

1989

Peter A. Cardellichio, Yeo Chang Youn, Darius M. Adams,
Rin Won Joo and John T. Chmelik

CENTER FOR INTERNATIONAL TRADE IN FOREST PRODUCTS
UNIVERSITY OF WASHINGTON
COLLEGE OF FOREST RESOURCES AR-10
SEATTLE, WASHINGTON 98195

A PRELIMINARY ANALYSIS OF TIMBER AND TIMBER PRODUCTS PRODUCTION, CONSUMPTION, TRADE, AND PRICES IN THE PACIFIC RIM UNTIL 2000

November 1989

Peter A. Cardellichio

Yeo Chang Youn

Darius M. Adams

Rin Won Joo

John T. Chmelik

CINTRAFOR
College of Forest Resources, AR-10
University of Washington
Seattle, Washington 98195

ACKNOWLEDGEMENTS

Michael Pederson was responsible for all of the computer programming associated with this project. This involved debugging the original IIASA Global Trade Model (GTM) as well as substantially revising the software to conform to the design of the Pacific Rim Assessment.

Guy Cellier and Slade Gleaton -- graduate students at the College of Forest Resources -- have compiled data and conducted statistical analysis in support of this project. They have contributed significantly to the success of this research.

Dr. Clark S. Binkley (Yale University) and Dr. Jeffrey R. Vincent (Michigan State University) provided invaluable assistance as visiting scientists during the summer of 1988. Their work focused primarily on the development of the timber supply module.

TABLE OF CONTENTS

1. INTRODUCTION

1.1 Objectives and Background

CINTRAFOR is currently engaged in the Pacific Rim Assessment (PRA), an ongoing analysis of forest products markets in the Pacific Rim. The primary objective of this research is to assess the future outlook for forest products production, consumption, trade, and prices in the Pacific Rim. A second objective is to develop analytical techniques and tools to study international forest products markets and policies.

The focus during the current phase of this project is on solid wood product markets, log/fiber markets, and related resource developments. Although the emphasis is on Pacific Rim regions, especially those that affect the future of the Pacific Northwest, the research encompasses the entire world to maintain comprehensiveness and account for "third-party" trade interactions.

While this manuscript constitutes the final report of the current phase, it might best be viewed as a progress report. A project like the Pacific Rim Assessment requires significant start-up costs. At this point, the basic groundwork has been completed and CINTRAFOR is now poised to commence more in-depth analysis of international forest products trade. We have developed a sound working model, assembled a fairly comprehensive data base, and conducted an extensive statistical analysis of market behavior in the Pacific Rim. Still much remains to be done. New data are always becoming available -- more recent data and revised data, as well as new data sources. New research continues to add insights into our understanding of Pacific Rim market behavior. We hope that this report stimulates discussion and comments that will improve the quality of future analysis related to the Pacific Rim's forest sector.

1.2 General Approach

Our general approach involved developing a model that can generate projections of Pacific Rim forest sector behavior under alternative assumptions. The model serves as an educational device that provides the user with an experimental setting for research. The model can be used in forecasting applications or policy analysis. The model shows how performance variables (such as production or prices) will change in response to changes in economic variables (such as economic growth or exchange rates) or policy decision variables (such as tariffs or plantation investments).

Three major tasks were involved in this research. The first was the development of a model structure that meets the objectives of the study. We use a spatial equilibrium approach and call our model the CGTM (CINTRAFOR Global Trade Model). The model uses the solution procedure developed for the original IIASA GTM.[1] However, the general software that interfaces with the solution algorithm has been completely rewritten for this project.

The second task was the development of the data base to support the market analysis. This was a very time-consuming task for several reasons. Most importantly, data on crucial economic concepts such as prices, costs, and capacity are not available from any single source. Often a large number of publications are required for a single region to obtain the necessary product and concept coverage. A second difficulty is the need to obtain sufficient time-series data to make econometric analysis feasible. A third problem involves the development of appropriate conversion factors, particularly in North America, so that data can be compared on an equivalent basis.

The third task was the parameterization of the model. An appropriate behavioral relationship must be hypothesized for each product in each region. The data base must be used to test these hypotheses and estimate the relevant parameters for each equation in the model.

Obviously none of these three tasks are independent of the others. For example, the first two tasks require information from the third: the model structure must be established with clear recognition of the specification and functional form of the equations in the model; data collection depends on knowledge of the variables that will be included in the model. Thus, the overall development of the model was a simultaneous process involving model structure, data collection, and equation estimation.

The completed model had to be tested (does it work as planned?) and validated (does it predict well?). Model testing involves repeated simulation with the model to ensure that it performs according to its design: 1) individual equations must be examined to see if the model has been coded correctly; and, 2) the joint predictions of the model must be examined to understand the performance characteristics of the model. This latter stage of model testing comprises the early stages of model validation.

One method of model validation is to simulate the model over the historical period (*ex post* simulation) and examine how well it predicts the data used in the estimation process. A better test is to see how well the model predicts historical data that were not used in the estimation sample (*ex post* forecast). However, we rarely have the luxury of long time-series data sets that allow us to withhold data from the estimation sample. Perhaps the best means of validation is repeated forecasting exercises. Here one uses the model for prediction and carefully analyzes the prediction success after new data become available. Although this method of validation requires several years, it is certainly the preferred means of understanding and validating large-scale models of this type.

Finally, the model must be revised. Models must be continually updated to reflect new data, test results, validation results, and the experience of the analysts. Modeling is a process and ongoing

1. For a description of the IIASA work, see Kallio, Dykstra, and Binkley (1987).

development is a crucial aspect of a successful effort.

1.3 Product and Regional Definitions

The Pacific Rim Assessment focuses primarily on solid wood products and timber products. The specific products analyzed are listed in *Table 1.1*, along with their four-letter abbreviations that are used in the model.

For all of the products except reconstituted panels and wood pulp, CGTM includes equilibrium models of supply, demand, prices, and trade. For reconstituted panels and wood pulp, stand-alone models are simulated and the resulting regional production levels are input to CGTM. These two exogenous products are important in this phase of the PRA because they determine the derived demand for pulpwood: 1) pulpwood harvests are needed to update the timber inventory models; 2) pulpwood demands are needed to determine prices endogenously for lumber and plywood residues; and, 3) pulpwood chip trade comprises a significant portion of Pacific Rim trade.

All units of measurement are based on the metric system. Volumes are expressed in cubic meters for all products except wood pulp which is stated in metric tons. Factors used to convert North American volumes to metric volumes are quite complicated and vary among regions, so it is not possible to provide a simple summary table. All areas are expressed in hectares.

Table 1.1 Product Listing for the PRA

Product	Abbreviation
Raw Materials:	
Coniferous sawlogs and veneer logs	CLOG
Coniferous pulpwood	CPWD
Nonconiferous sawlogs and veneer logs	NLOG
Nonconiferous pulpwood	NPWD
Final Products:	
Coniferous sawnwood	CSAW
Nonconiferous sawnwood	NSAW
Coniferous plywood	CPLY
Nonconiferous plywood	NPLY
Reconstituted panels	RECN
Wood pulp	PULP

There are 40 regions of the world that are recognized in CGTM, and these encompass the entire globe. This geographic coverage provides the capability of adding up figures for, say coniferous log production, and comparing these with other projections of world production, such as those reported by FAO. Most of the geographic detail in the model is concentrated in the Pacific Rim regions. The hardwood-producing regions of Southeast Asia receive special attention because of their overall importance in Pacific Rim trade, and because of the substitution potential between hardwoods and softwoods in key markets like Japan and South Korea.

The CGTM regions and their three-letter abbreviations are listed in *Table 1.2*. A "+" after the region indicates that the region is the main component of a larger region. Notes follow the table to clarify the regional definitions.

Table 1.2 Region Listing for the PRA

Region			Abbreviation	
U.S.:				
	Western Washington and Oregon (Westside):			
		Private landowners	WSV	
		Public landowners	WSB	
		Regional total		WST
	Eastern Washington and Oregon (Eastside):			
		Private landowners	ESV	
		Public landowners	ESB	
		Regional total		EST
	Inland (Rockies and Inland California):			
		Private landowners	INV	
		Public landowners	INB	
		Regional total		INT
	Alaska		ASK	
	California Redwood		CAL	
	West total			USW
	South		USS	
	North		USN	
Canada:				CAN
	B.C. Coast		CBC	
	Interior Canada		CIN	
	Eastern Canada		CEA	
Central America			CAM	
South America:				
	Brazil		BRA	
	Rest of North		SAN	
	Chile		CHI	
	Rest of South		SAS	
Europe:				
	Finland		FIN	
	Sweden		SWE	
	Rest of Western Europe		EUW	
	Rest of Eastern Europe		EUE	

Asia:	
Japan	JPN
South Korea	KOR
China+	CHN
Taiwan+	THK
East Malaysia+	MAE
West Malaysia+	MAW
Indonesia	IDN
Philippines	PHL
Papua New Guinea	PNG
Indochina	ICH
India+	IND
Middle East	MDE
USSR:	
Western USSR (Europe & West Siberia)	SUW
Eastern USSR (East Siberia & Far East)	SUE
Africa:	
East	AFE
North	AFN
South	AFS
West	AFW
Oceania:	
Australia	AUS
New Zealand	NWZ
Rest of Oceania	OCN

Notes:

a. Interior Canada includes Interior British Columbia, Alberta, Saskatchewan, and Manitoba.
b. South America, Rest of South includes Argentina, Paraguay, and Uruguay.
c. Rest of Eastern Europe includes Albania, Bulgaria, Czechoslovakia, East Germany, Hungary, Poland, and Romania, and excludes the European part of USSR.
d. China+ includes China, North Korea, and Mongolia.
e. Taiwan+ includes Taiwan, Hong Kong, and Macao.
f. East Malaysia+ includes Sabah, Sarawak, and Brunei.
g. West Malaysia+ includes Peninsular Malaysia and Singapore.
h. Indochina includes Burma, Kampuchea, Laos, Thailand, and Vietnam.
i. India+ includes India, Bangladesh, Bhutan, Nepal, Pakistan, and Sri Lanka.
j. Middle East includes Afghanistan, Bahrain, Cyprus, Iran, Iraq, Israel, Jordan, Kuwait, Lebanon, Oman, Qatar, Saudi Arabia, Syria, Turkey, and Yemen.
k. Rest of Oceania includes Fiji, French Polynesia, New Caledonia, Samoa, Solomon Islands, Tonga, and Vanuatu.

Some special distinctions must be observed in the case of North American regions. These are the only regions where the regional definition is not identical for all components of the model. In three regions of the western U.S., regions are disaggregated by private and public ownership in the timber supply module. Because of the high percentage of public ownership and the differences between public and private behavior, we believe this distinction is an important one. Land ownership is not relevant in the analysis of product supply behavior however, so the "regions" are combined for this sector (for example, WST replaces WSV and WSB). In the product demand module the five western U.S. regions have been aggregated to one region (U.S. West, or USW) and the three Canadian regions have been aggregated (CAN). These regions were grouped due to the lack of consumption data at a finer level of regional detail.

1.4 Monograph Outline

This monograph may be divided into two portions. The first portion is the discussion of the model structure, data base, and methodology and is comprised of Sections 2 through 8. Section 2 provides a broad overview of the model structure and our approach to modeling. Section 3 discusses the data base we have developed to address issues concerning Pacific Rim forest products trade. Sections 4 though 7 describe the models of timber supply, product supply and timber demand, product demand, and trade and transportation. Each section describes the specification and estimation procedure, and provides key results. Section 8 summarizes the methodology and data used to handle exogenous products.

The second portion of this manuscript addresses the projections with the fully-integrated PRA model. Section 9 provides a set of BASE CASE projections that are intended to reflect our judgment of the most likely course of events. As we clearly note, these projections must be considered preliminary because: 1) the model is new and a good deal of additional experience with the model is required to improve our understanding of its simulation properties; and, 2) at the time these projections were made, we did not have access to an internally consistent set of macroeconomic projections for the world. Section 10 provides a series of alternative projections of future forest products markets in the Pacific Rim. These have been chosen to highlight some areas of major uncertainty concerning future supply and demand in Pacific Rim markets. They serve to demonstrate both the possibilities for future forest products markets and the possibilities for using the model as an analytical tool.

2. MODEL STRUCTURE AND METHODOLOGY: AN OVERVIEW

2.1 General Structure

The PRA model is designed to examine the important structural dimensions of solid wood products markets. It encompasses four major sectors or modules: product demand, product supply, timber demand, and timber supply. The interaction of product demand and product supply curves determines the level of product output and price in a given period. This output level establishes the amount of timber that is required for production. Timber demand and timber supply curves determine the level of timber output and price. Equilibrium requires the simultaneous solution of both sectors.

There are several critical linkages within the PRA that increase its complexity and enhance its representation of real world behavior. First, while product demand curves reflect only consumer behavior within a region, the demand for products that establishes output levels and prices in a region must incorporate the full set of worldwide demands for products produced in a region. For example, the lumber price in western Washington and Oregon depends on the interaction of regional lumber supply with the summation of world demands for this product. This linkage underlies the need for a large number of regions which increases the precision of estimating these demand curves.

Second, timber demand is simultaneously determined by the production of all products using that timber. For example, coniferous sawlog demand in a region depends on that region's softwood lumber production and softwood plywood production as well as the import demand for softwood sawlogs in other producing regions.

Third, pulpwood demands interact with the solid wood sector in an important way. Regional pulpwood consumption is derived directly from pulp production and reconstituted panels production. Pulpwood needs are first supplied by mill residues that are generated in the production of lumber and plywood. The balance is met by pulpwood roundwood harvests, which determine the relevant pulpwood price. The pulpwood price, in turn, affects simultaneously the level of lumber and plywood production because it is an important source of mill income. Pulpwood trade also may occur depending on the relative price of this commodity in different regions.

2.2 Intertemporal Behavior

Because of the time span of the PRA projections, intertemporal behavior is a critical dimension of the model. The model solution is not a dynamic equilibrium, that is, the solution procedure does not simultaneously optimize behavior over all time periods. Thus, the behavior in any given period is not affected by behavior in subsequent periods. This feature of the model design reflects the belief that temporal myopia is most consistent with observed market behavior.

Intertemporal behavior is modeled by updating all relevant parameters and model variables from one solution to the next, and a substantial portion of the model software is devoted to making these adjustments. In some cases, the model explicitly recognizes that this period's solution affects what happens in the next period. For example, timber inventories are modified by means of an endogenous timber supply model that harvests the volume of timber specified in the model solution and grows the remaining timber stock -- different solutions imply different harvest levels and different levels of timber availability in the future. As a second example, the amount of production capacity constructed in the current period will obviously directly affect the capacity available in the future. A fair number of model variables are also exogenous. In these cases, this period's outcome will not affect the next solution. For example, demand curves are shifted to reflect population and income growth, and these variables are independent of the model solution.

2.3 Exogenous Behavior and Exogenous Regions

A large portion of the behavior in the PRA is exogenous. The decision of which variables are exogenous and which are endogenous is based on the trade-off between the costs of additional modeling and benefits in terms of accomplishing our modeling objectives. Often these decisions are obvious. For example, we believe that technological coefficients for timber usage should be exogenous. Empirical experience has shown that the combination of poor data and the complexity of the underlying process makes econometric estimation of this behavior of dubious value, particularly for use in large-scale modeling.

While many aspects of endogenous versus exogenous behavior are explained in more detail in Sections 4 through 8, it is important in this overview to point out that a large number of regions (18) are strictly exogenous. These regions are listed in *Table 2.1*. Two important issues concerning these regions are: 1) why they are included in the model; and, 2) why they are exogenous. Because of the extensive interaction of these regions with the regions of primary concern in the Pacific Rim, it was necessary to understand the role of these regions in world trade. For this exercise, we had to choose a level of disaggregation that would allow us to quantify these interactions in a meaningful way. Obviously, there are great benefits to separating Alaska from Central America, and West Africa from the Western USSR. The benefits of disaggregating Northern South America from Brazil, North Africa from East Africa, or Indochina from China are less clear. However, in each case we felt that the geographic definition made sense in terms of defining spatially contiguous units. Once we investigated the activity of these areas, there seemed to be little cost in carrying the full set of regions as exogenous components in the model. This level of geographic coverage is likely to provide two types of interesting information for analysts: 1) it demonstrates the current and potential importance of each region in international trade; and, 2) it provides insight into the level of geographic coverage needed in future trade modeling work.

Having arrived at an appropriate delineation of regions, we had to then decide whether or not we should attempt to estimate any models (timber supply, product supply, or product demand) for these regions. We decided that the regions listed in *Table 2.1* should remain exogenous for one or more of the following reasons: 1) the data were too poor to warrant consideration (for example, FAO reports coniferous sawnwood production in Brazil in 1980 was 7.1 mm m^3 compared to 2.5 mm m^3 reported by industry sources (Iusem, 1985)); 2) the region's trading activity was not significant; 3) the aggregation of regions led to problems associated with statistical analysis, specifically the difficulty with handling multiple currencies; or, 4) the region produces somewhat specialized products that do not necessarily conform with the basic assumptions of the modeling approach (for example, Alaska or California Redwood regions).

Table 2.1 Exogenous Regions in the PRA

Region	Abbreviation	Region	Abbreviation
Alaska	ASK	India+	IND
California Redwood	CAL	Middle East	MDE
Central America	CAM	Western USSR	SUW
Brazil	BRA	Eastern USSR	SUE
Rest of Northern South America	SAN	Africa, East	AFE
Rest of Southern South America	SAS	Africa, North	AFN
Rest of Eastern Europe	EUE	Africa, South	AFS
China+	CHN	Africa, West	AFW
Indochina	ICH	Rest of Oceania	OCN

Finally, the operational aspects of handling exogenous regions in the CGTM should be noted. The computer code has been written such that the user inputs product consumption and production levels, and timber production levels. Product trade is calculated as a residual: the region imports if consumption exceeds production, exports if production exceeds consumption, and does not trade when production and consumption are equal. Timber consumption is derived from product output and a set of technological coefficients (as with the endogenous regions). Timber trade is determined as the difference between consumption and production. Trading activity is determined in an optimal fashion given the transfer costs between exogenous regions and all other possible trading partners. The user retains the option of fixing flows, which we have done in some cases where exogenous regions trade (for example, the Eastern Soviet Union and China) or we believe that recognition of bilateral trade is important (imports are fixed and exports are calculated as the residual or vice versa).

2.4 The Spatial Equilibrium Approach and Solution Procedure

The CGTM (and GTM) belongs to the class of spatial equilibrium market models: the model incorporates multiple supply and multiple demand regions and these regions are linked by bilateral trade flows such that prices (adjusted by transport costs) are equal across all regions. Within each period the model generates a solution by maximizing the sum of global consumer and producer surplus net of transport costs -- the solution determines regional production, consumption, bilateral trade flows, and prices. Although the solution algorithm is based on optimization techniques, the model does not optimize behavior in the normative sense. The model is designed to represent real world behavior and this bias is very clear in its specification. Nevertheless, the implications of this optimization procedure constitute one of the fundamental distinctions among trade modeling approaches and thus warrants special attention. Below we consider some of the special characteristics of this model.

Most analysts would agree that the general structure of market models is appropriate in terms of physical constraints, or materials balances. In any model solution, raw material requirements must be met by domestic production or trade. At the same time, world production of every commodity must equal world consumption, and world exports must equals world imports. These are simple physical laws which govern a feasible solution.

A more controversial topic concerns the economic laws or constraints that determine equilibrium conditions. The two fundamental considerations are: 1) the relationship between prices and costs within a region; and, 2) the relationship among prices in different regions. In long-run competitive markets, prices equal average total costs. In any single period, this relationship rarely holds because capital fixity implies that the level of capital will be less than optimal. In periods of capital scarcity, prices will exceed their long-run levels and excess profits will be earned, while the opposite holds true when surplus capital exists. Most market models recognize this behavior, but utilize different methods to incorporate capacity adjustments. As a result, different models tolerate different deviations between prices and costs.

The second fundamental rule concerns the definition of price equilibrium. Generally, spatial equilibrium market models utilize the rule that all prices are identical when adjusted by exchange rates and transportation costs. It is easy to generate empirical evidence that this assumption is usually not true, most often due to the grouping of heterogeneous products. There are alternative rules for defining equilibrium conditions that rely on maintaining some approximate price relationships that conform with historical evidence (see, for example, Cardellichio and Veltkamp, 1981). A related alternative is to add price premiums or discounts that adjust relative prices to account for product differentiation or additional transactions costs (see, for example, Cardellichio and Adams, 1989). A third alternative is to constrain trade flows (with inertia bounds for example) which prohibit the target price equilibrium from being attained. In cases with binding trade flow constraints, prices will deviate from each other; however, this is an inferior solution since the relationship among prices is effectively ignored.

Rules governing price equilibrium have serious implications for quantity solutions. Trade flows are optimized in a spatial equilibrium solution, but this restriction is not necessary in some alternative approaches. At this time, little research has been conducted on whether production, consumption, and total trade volumes differ much between different types of models. It is generally assumed that similar quantity forecasts may be consistent with very different bilateral trade patterns.

Whereas quantity forecasts generated by different modeling approaches might be similar at a single market level, it is less likely that model solutions will yield similar quantities in a multi-market framework. In seeking an economic optimum, the spatial model will adjust the degree of vertical integration in a region more rapidly than other models. As a result, regional production and trade volumes will also move more rapidly in this direction. Hence, the spatial solution will yield a different set of information for the model user. The spatial solution will probably not generate as accurate predictions of actual market outcomes as some alternative market share techniques, but it will provide valuable information and insight into the longer-term equilibrium of the forest sector and the competitive advantages of different regions.

We decided to use the spatial equilibrium modeling approach to model Pacific Rim markets for several reasons.[2] Perhaps most important is the capability of this approach to handle many regions and many products. The large number of regions and products in the PRA results in an enormous number of potential arcs.[3] This totals over 12,000, or nearly three times the number in the original IIASA GTM. It would be extremely difficult and impractical to handle this problem with other modeling approaches. Second, the spatial equilibrium model provides a great deal of flexibility in simulating alternative policies or scenarios. Finally, this approach permits the analysis of a wide range of alternatives because of its ability to produce behavior (such as new transportation flows) where there is no historical precedent. As we discuss in Section 7, we have modified the "pure" spatial equilibrium approach to account for premiums (or discounts) associated with products from different regions.

---

2. Adams and Haynes (1987) discuss the advantages of spatial modeling approaches.
3. The maximum number of trade flows is equal to number of regions squared minus the number of regions, multiplied by the number of products.

2.5 Relationship to Previous Research

While the CGTM has several novel features, the current work basically builds on previous forest sector modeling research. The IIASA GTM is the clear precursor of the current effort. The GTM was developed in support of the IIASA Forest Sector Project between 1980 and 1985. The focus of that research was to model the economic behavior of forest products markets and the economic system that links the forest resources of the world.

Shortly after the FSP was formally completed in mid-1985, CINTRAFOR acquired the GTM and conducted an in-depth analysis of the model's usefulness as a tool for forest industry research, prediction, and policy analysis.[4] The model was substantially revised to meet the needs of the PRA. However, many of the basic ideas for this project resulted directly from the IIASA work. Examples include global coverage, the critical interactions between the solid wood and pulp sectors, and the multi-market equilibrium structure.

The mathematical formulation of the IIASA GTM was used in previous forest sector modeling work. Buongiorno and Gilless developed a model of the North American pulp and paper market using this approach, and generalized the approach to address broader modeling questions (Buongiorno and Gilless, 1983a, 1983b; Buongiorno, 1986).

A third noteworthy effort concerns the modeling done at FAO.[5] Some similarities with the PRA are the global coverage of forest products markets. However, there are many significant differences between the FAO analysis and our research. These include objectives, model structure, etc. Perhaps the most important difference is the vertical integration provided by our timber module: the FAO projections do not include an endogenous timber supply sector.

Finally, the current effort relies heavily on methodology and analytical techniques developed for TAMM (Adams and Haynes, 1980) and FORSIM (documented in Cardellichio and Veltkamp, 1981). These two models focus on North American solid wood products markets. Both models have fully-integrated structures linking product markets and timber markets. However, while both models have carefully developed trade and transportation sectors for lumber and plywood, neither model encompasses regional log trade: log trade is not significant within the North American market.

---

4. The details of this evaluation are presented in Cardellichio and Adams (1988).

5. Martin, Wardle, Baudin, Lundberg, and Skog (not dated) provide a recent summary of FAO modeling efforts.

3. THE PACIFIC RIM ASSESSMENT DATA BASE

3.1 Overview

As a starting point for the PRA we had to build a complete data base to support our analysis. While we used pieces of many data bases, no single extant data base was suitable for our needs. For example, FAO data covers only a limited set of concepts (production and trade volumes), lacks the necessary product detail (no distinction is made between softwood and hardwood plywood), and does not include data for many of our regions (China, Taiwan, and the subregions of the U.S., Canada, the Soviet Union, and Malaysia). The IIASA data base also lacked the needed regional and product coverage; furthermore, the complete data base was available for 1980 only.

This section describes some of the salient features of the PRA data base. Sections 3.2 and 3.3 explain, in very general terms, the development of production, trade, and consumption data. Our estimates are compared with FAO estimates to illustrate major differences. Sections 3.4 and 3.5 describe other series that are used in the PRA. Section 3.6 summarizes the current status of the data base.

3.2 Data for Product Output, Trade, and Consumption Quantities

For each of the four endogenous final products (CSAW, NSAW, CPLY, and NPLY), quantity data were compiled on production, total imports, and total exports. The consumption data were always derived as apparent consumption. Data were typically collected for the sample period 1965 to 1987. We used industry sources for all major producing and consuming countries, whereas for many of the less important regions FAO data were used.[6]

Our estimates of world production, trade, and consumption for these final products are shown for 1985-1987 in *Table 3.1*. In developing our data base for the PRA, we did not attempt to balance the import and export data at this stage (see Appendix A for estimates of balanced data for 1987). Import data and export data are generally based on individual country sources. Because of the large diversity of data sources used for our work, we were quite surprised by the close correspondence between world imports and exports. For the data presented in *Table 3.1*, the differences are generally less than 3%.

---

6. For most of the important regions (such as Japan, Finland, or New Zealand), we found a very high degree of consistency between industry sources and FAO data.

Table 3.1 World Production, Trade, and Consumption Data for PRA Final Products (mm m^3)

Coniferous Sawnwood

Year	Production	Imports	Exports	Consumption
1985	311.6	73.5	72.0	313.2
1986	323.0	77.3	75.0	325.2
1987	335.3	81.8	80.1	337.1

Nonconiferous Sawnwood

Year	Production	Imports	Exports	Consumption
1985	121.0	12.4	12.1	121.2
1986	122.1	12.9	12.3	122.7
1987	126.1	15.0	15.3	125.7

Coniferous Veneer and Plywood

Year	Production	Imports	Exports	Consumption
1985	28.1	10.0	10.1	28.0
1986	30.0	11.5	11.5	30.1
1987	31.3	12.4	12.3	31.3

Nonconiferous Veneer and Plywood

Year	Production	Imports	Exports	Consumption
1985	22.5	7.2	7.2	22.5
1986	23.3	8.1	8.3	23.1
1987	25.7	10.1	10.2	25.6

Note: Imports and exports do not represent international trade volumes due to regional definitions. Imports are defined as receipts by a region, and exports are defined as shipments from a region. Shipments from the five western U.S. regions to the U.S. West are considered internal and thus excluded, as are shipments from the three Canadian regions to Canada.

Since analysts often use FAO data as the primary source of world data on forest products volumes, it is instructive to compare our production totals with those from FAO. Direct comparisons between trade data are less useful because our export and import levels refer to shipments among regions in the PRA; thus, they include shipments within the U.S. and do not refer specifically to international trade activity.

The largest discrepancy between the PRA production data and the FAO data occurs in the coniferous sawnwood category. In 1987, we report 335 mm m^3 of coniferous sawnwood production which compares with 377 mm m^3 reported by FAO. These large differences appear consistently over time and may be explained in large part by the use of different conversion factors for North American lumber. Industry sources report North American lumber production in board feet. FAO converts these data assuming the lumber is full sawn, whereas we have adjusted the data from nominal to full dimensions using information available from the TAMM data base and various Canadian publications. Our estimate of North American coniferous sawnwood production in 1987 is 106 mm m^3 compared to FAO's estimate of 149 mm m^3.

We consistently report more nonconiferous sawnwood production than FAO. Because most North American hardwood lumber is full sawn, conversion factors do not present a problem for this product. Our 1987 production estimate exceeds FAO's estimate by about 4.5 mm m^3. This is almost entirely due to differences in U.S. production figures. FAO uses the official data published by organizations such as the National Forest Products Association and the U.S. Department of Commerce. However, there is strong evidence that these data significantly understate the volume of U.S. hardwood lumber production (Cardellichio and Binkley, 1984, and Luppold and Dempsey, 1988). As a result, we use unofficial estimates that we believe more closely reflect the trends in U.S. hardwood lumber output.

Our estimate of 1987 veneer and plywood production is 57 mm m^3 which compares to 54 mm m^3 reported by FAO. The majority of this difference may be attributed to U.S. conversion factors. For the purposes of the PRA, we disaggregated veneer and plywood between softwood and hardwood species. We felt this distinction was important because U.S. production is dominated by softwood plywood, while hardwood plywood dominates in most countries in the Pacific Rim. For the most part this disaggregation was straightforward. Some countries report plywood production by species (for example, the U.S.). Some countries do not report plywood output by species, but do report the species breakdown of log receipts at plywood mills (for example, Finland). For several countries (such as Indonesia or Malaysia), the species mix is obvious because of the species mix of the timber inventory. Only a small percentage of production had to be allocated between species with very little supporting information. Our estimates suggest that in 1987, coniferous veneer and plywood production accounted for 55% of total production.

3.3 Data for Timber Production, Trade, and Consumption Quantities

Production, total imports, total exports, and consumption were collected (or derived) for timber products. Sawtimber is defined as logs that are sawn or peeled, whereas pulpwood is defined as timber that is chipped for pulp or reconstituted panels. Because product output and timber consumption are directly related in this manner, an additional step is sometimes needed to assure this internal consistency is satisfied. In most cases, we derived timber consumption from estimates of timber production and trade. The resulting consumption estimates were then used to calculate technological coefficients for log usage by the product sector.[7] If the levels or patterns did not seem reasonable, we looked for alternative information on recovery and computed a new data series.

7. This procedure varied by regions depending on the information available to allow for different recoveries for the lumber and plywood sectors.

Generally, we treated the product output data and trade data as the most reliable, and proceeded to derive a new series on timber consumption and hence timber production. For example, according to FAO data, in 1986 India produced 2.37 mm m3 of coniferous sawnwood with 2.54 mm m3 of coniferous sawlogs (94% cubic recovery), and 14.83 mm m3 of nonconiferous sawnwood with 16.15 mm m3 of nonconiferous sawlogs (92% cubic recovery).[8] In these cases we revised the recovery data series and calculated much higher sawlog production levels for India.

We also have developed estimates of chip/residues production for use in pulp mills and reconstituted panel mills. These estimates are generally reported, but were derived in some cases on the basis of technological coefficients. These data are not exhaustive since they do not include residue production in exogenous regions or regions where residue income does not have much affect on lumber or plywood operations.

Our estimates of world production, trade, and consumption of PRA timber products are shown in *Table* 3.2. World imports and exports are quite well balanced for coniferous sawlogs, nonconiferous sawlogs, and coniferous pulpwood. Large differences between imports and exports appear in the 1986 and 1987 nonconiferous pulpwood data. While we are not able to explain these discrepancies at the current time,[9] they will not have a significant influence on the model due to the inconsequential role of this product on the solution of the model.

Because of the consistency checks between product output and log consumption, there are many more differences between the PRA data and FAO data than we observed for final products. Our 1987 estimate of coniferous sawlog production is 756 mm m^3, which exceeds FAO's estimate of 730 mm m^3 by 26 mm m^3. There are several significant differences at the regional level. We show 7 mm m^3 less in the U.S. and 21 mm m^3 less in Canada. Our estimates are significantly larger than those reported by FAO for India+ (+2 mm m^3), the Middle East (+5 mm m^3), and the Soviet Union (+47 mm m^3).

We also show much higher world production of nonconiferous sawlogs than FAO. We estimate that 1987 production was 307 mm m^3 compared to FAO's estimate of 273 mm m^3, a difference of 34 mm m^3. Unlike with coniferous sawlogs, in regions where weshow significant differences, our estimates are consistently higher. The major differences in the PRA data are: U.S., +8 mm m^3; Indonesia, +6 mm m^3; India+, +12 mm m^3; the Middle East, +3 mm m^3; and, the Soviet Union, +3 mm m^3.

---

8. Indian veneer and plywood production is not shown in this example. It is very small compared to sawnwood and further exaggerates the point.

9. One possible explanation is the time difference between shipments and receipts, while reporting lags also may be a factor.

Table 3.2 World Production, Trade, and Consumption Data for PRA Timber Products (mm m^3)

Coniferous Sawlogs

Year	Production	Imports	Exports	Consumption
1985	699.5	34.7	34.6	699.6
1986	726.6	34.0	34.5	726.2
1987	755.7	37.2	37.6	755.3

Nonconiferous Sawlogs

Year	Production	Imports	Exports	Consumption
1985	288.4	29.3	29.7	287.9
1986	294.0	30.5	28.8	295.7
1987	306.2	31.3	32.1	305.4

Coniferous Pulpwood

Year	Production Roundwood	Production Residues	Imports	Exports	Consumption
1985	269.6	150.2	26.8	26.0	420.6
1986	274.9	159.7	26.7	27.5	433.8
1987	287.6	169.3	29.1	29.5	456.4

Nonconiferous Pulpwood

Year	Production Roundwood	Production Residues	Imports	Exports	Consumption
1985	133.7	27.4	14.1	13.9	161.4
1986	134.0	29.5	15.4	13.8	165.0
1987	138.0	30.3	17.6	15.5	170.5

PRA estimates of roundwood pulpwood production also exceed those of FAO: 1987 world estimates are 14 mm m^3 higher for coniferous species, and 6 mm m^3 higher for nonconiferous. While there are several minor differences between regions (some high and some low), there are two major differences that deserve note. Our estimates of Canadian softwood roundwood pulpwood production exceed those of FAO by 20 mm m^3. FAO shows all 41 mm m^3 of Soviet Union roundwood pulpwood production as coniferous, whereas we show the allocation as 32 mm m^3 coniferous and 9 mm m^3 nonconiferous.

3.4 Data for Prices, Costs, and Capacity

Price, cost, and capacity data also were assembled for each product that was modeled endogenously. For the timber module, cost data are comprised of two items: 1) stumpage prices/costs and harvest and delivery costs. For the product supply module, cost data consist of four components: 1) delivered wood costs (the sum of stumpage costs and harvest and delivery costs); 2) wood chip prices; 3) variable manufacturing costs; and, 4) profits (including the return to capital). Since these costs must be expressed as costs per unit of product output, technological coefficients had to be collected (or derived) that explain wood usage (and by-product generation) in the manufacturing process.

In general, it is difficult to obtain reliable data on costs and capacity for solid wood products. For some items like stumpage prices, it is comparatively easy to compile time-series data for some regions. For items such as unit manufacturing costs or profits, published data simply do not exist in many regions. Due to these circumstances, we were forced to rely on economic theory to derive a significant amount of data needed in the model. Cost and capacity data, and methods for obtaining these data, are described in more detail in later sections of this report.

3.5 Other Data Series Used in the PRA

3.5.1 Forestry Data

There are additional data used in the PRA model and we simply mention these here. First, the timber supply models require a variety of concepts including data on growing stock levels, land areas, growth rates, and miscellaneous harvests. Some concepts are unique to specific regions, such as timber sales and uncut volumes on public lands in the U.S. West. Second, data bases were constructed for wood pulp and reconstituted panels which are exogenous to the model. Third, data also were compiled to assist in the analysis of markets in each region. Since economic analysis involves a fair amount of data exploration, many additional series have been gathered that were not necessarily used in the final model.

3.5.2 Macroeconomic Data

Macroeconomic data are also needed in the PRA. These data may be classified into two general categories. First, there are financial data on inflation and exchange rates. Data on inflation are obviously needed to construct real prices in individual countries for the estimation of supply and demand functions. Exchange rates are required to convert these functions to a common currency for use in model simulation. Second, macroeconomic data are required as indicators of product demand levels in countries with endogenous demand models. The most common series is GDP, but other series such as housing construction and furniture production were also needed.

3.6 Data Base Status

The majority of the historical data series used in the model are shown in the appendices of this report for the sample period 1980 to 1987. It is now possible to update most data through 1988 so this is an important next step.

The remainder of the historical data (1965 to 1979) and other series collected in conjunction with this project are contained in Lotus spreadsheets. Unfortunately, because of the large number of data sources and the much larger number of data series, it has not been possible to document this data base adequately at the current time. Furthermore, this task is greatly complicated by the substantial volume of "soft" data that has not been taken directly from any specific source. These data may have been derived through interpolation or extrapolation, or developed to comply with economic theory. In some cases, published data may have been altered if they were clearly inconsistent with other available information. Finally, for some data such as the balanced trade data set, there are no strict mechanical procedures involved in its development; hence, it is only feasible to provide a general description of the methodology used.

Although the data base has not been formally organized at the current time, we hope that this will be possible in the future. CINTRAFOR's future plans call for closer integration between INTRADATA -- CINTRAFOR's primary computerized data base -- and ongoing research projects. This linkage would provide the most appropriate vehicle for making much of the PRA data base available to other users.

4. TIMBER SUPPLY

4.1 Specification and Estimation Procedure

For all regions in the PRA, timber supply must be modeled for all raw materials. This includes models of coniferous sawlogs and veneer logs (CLOG), coniferous roundwood pulpwood, nonconiferous sawlogs and veneer logs (NLOG), and nonconiferous roundwood pulpwood. The specification of these models is described in this subsection. A more in-depth and extensive discussion of this material is provided in Cardellichio, Youn, Binkley, Vincent, and Adams (1988).

For analytical purposes, we define log cost as the sum of two components: 1) the cost of stumpage, or standing timber; and, 2) the cost of harvesting the timber and delivering it to a mill.[1] Volumes are defined by wood that is harvested for eventual consumption; hence, the statistical analysis considers only supplies of, and demands for logs, rather than resources (logging residues are accounted for in the timber inventory equations). The distinction between sawtimber and pulpwood is also defined from the consumption perspective, rather than the resource perspective: sawtimber is defined as logs that are sawn or peeled, whereas pulpwood is defined as timber that is chipped for pulp or reconstituted panels.

The short-run timber supply curve is defined as the relationship between the quantity of timber which is produced (or harvested) and the price. The distinction between stumpage supply and log supply is important, and is indicated by the location where the price variable is measured. The short-run timber supply function must account for other possible determinants of timber supply. These will vary depending on whether one is estimating the behavior of stumpage prices or harvest and delivery prices. Our decision on whether to model stumpage and harvest and delivery prices separately depends on their shares of delivered log prices, the availability of data, and the success of estimation.

4.1.1 Stumpage Supply

Analyzing stumpage supply with aggregate time-series data significantly limits the set of variables that are useful for explaining behavior. We generally include the available inventory or growing stock as a variable that measures supply potential and supply tightness. Furthermore, we adopt the general practice of assuming that the inventory elasticity is equal to 1.0. There are several key reasons we make this assumption: 1) from a theoretical standpoint, it is a relatively defensible

---

1. Finland and Sweden provide special cases because prices are available for both stumpage and logs delivered to roadside.

assumption ; 2) it allows us to circumvent numerous statistical problems associated using inventory data in aggregate time-series models; and, 3) it allows us to introduce future shifts in the stumpage supply curve in response to inventory changes, even if inventory was stable in the past. In spite of arguments counter to this assumption, we believe that constraining the inventory elasticity to equal 1.0 is generally warranted.

Thus, our stumpage supply specification, estimated in inverse form, may be represented generally as:

$$P = a\,(Q / I)^{b}$$

where:

P is the stumpage price (real value per m^3 of wood)

Q is the stumpage quantity (mm m^3 of wood)

I is the growing stock volume (mm m^3 of wood)

a,b are estimated parameters

4.1.2 Harvest and Delivery Costs

With respect to harvest and delivery costs, one can postulate several factors that will affect the position of the supply curve. As with any production model, the key concerns are factor prices and factor use. The important factor prices are logging wages, fuel prices, and capital costs. Factor use will depend on parameters such as distance, terrain, and general logging conditions.

In many regions of the world, it is not possible to obtain reliable data on factor prices or the utilization rate of these factors. In regions where we have estimated such models, the parameter estimates for the variables are often insignificant, or show the wrong signs. Significant, correctly-signed variables, often show elasticities that are not reasonable. Even when such models appear reasonable, one is left with the difficult task of forecasting these exogenous variables.

Due to the above considerations, we simplified the representation of harvest and delivery costs, and attempted to estimate these costs as a function of cut, or the cut-inventory ratio. In mature timber-producing regions -- regions with well-developed infrastructures for timber production -- harvest and delivery costs generally are not very sensitive to harvest levels. In these cases, harvest and delivery costs are simply projected exogenously, based on historical trends and anticipated changes in the real costs that govern these levels.

We define immature regions as regions where the expansion of the extensive margin is the primary method of increasing harvest levels. Rising prices make the penetration of new timber stands economical because producers are able to afford higher harvest and delivery costs. In such cases, one might hypothesize that timber inventory would be an important explanatory variable in the model: as the inventory declines, or as the cut rises relative to the available inventory, access costs should rise as well. Generally, we experienced reasonably good success in modeling these regions, particularly those in Southeast Asia.

4.1.3 Delivered Log Cost Models

While we generally attempted to separate stumpage and harvest and delivery costs in our timber supply models, in several cases this distinction simply was not feasible. In these regions, we model only delivered log costs. Because stumpage costs are an insignificant share of delivered log costs in these regions, the rationale for the delivered log cost model is basically the same as for harvest and delivery costs. We should note that inventory has the same directional effect in both the stumpage and harvest and delivery models: a reduction in inventory increases the costs of stumpage due to increased timber scarcity, and increases harvest and delivery costs due to more expensive access. Hence, the inventory effect is unambiguous in the delivered log cost model.

4.1.4 Public Ownership in the U.S. West

Because of the large size of the public sector and because of known differences between the behavior of public and private owners, timber supply models in the U.S. West are separated on the basis of ownership.[2] Models of public timber supply are specified to accommodate the special provisions concerning timber sales by these owners. Sales levels in any year are set by the governing agency, and, at least in the case of the U.S. Forest Service, sales levels are not influenced by price. Potential purchasers bid for timber and the contract is awarded to the highest bidder. Specific contracts may be quite variable, but purchasers generally have several years to actually harvest the timber. Thus, at any point in time, considerable volumes of timber are under contract and can be harvested at the discretion of the contracts' owners.

To represent this behavior, we employ the following specification:

$$P / P_S = a (Q / U)^b$$

2. In 1987, public timberland comprised 34.0 mm ha of the 52.4 mm ha of timberland in the U.S. West, or 65% of the total. In terms of growing stock volume on commercial timberland, public owners claim 6.42 bm^3 of the 9.24 bm^3 (69%) of standing timber.

where:

P is the stumpage price at time of harvest (nominal value per m^3 of wood)

P_s is a three-year moving average of past stumpage sales prices (nominal value per m^3 of wood)

Q is the public sawtimber harvest (mm m^3 of wood)

U is the uncut volume of timber under contract at the end of the prior year (mm m^3 of wood)

a,b are estimated parameters

The rationale for this specification is: 1) the price of public timber is a function of past bid prices; 2) as the share of timber under contract which is cut increases, the cost of timber rises as well.

4.1.5 Chile and New Zealand

The specification of short-run timber supply in Chile and New Zealand requires special treatment because of their aggressive plantation programs. Differences from the standard representation result from the following: 1) the use of total timber inventory is not appropriate to model timber availability; 2) timber qualities, prices, and markets have changed as the share of plantation wood has risen relative to indigenous wood; 3) inventory dynamics cannot be captured without some recognition of the age-class structure of the forest.

For these models we utilize recent timber supply projections available from these countries (sources are the Instituto Forestal and New Zealand Forest Service). However, these projections represent biological supply and must be adapted to our economic framework. To accomplish this, we substitute these supply numbers for the inventory term in the standard specification. As a result, these projections are used only to shift our short-run supply curves.

To determine the supply elasticity for these equations, one must develop a historical "inventory" series that is defined to be consistent with the projected data on biological supply. This "inventory" series may be backcast using percentage changes in the actual mature inventory. If this is not possible, one could choose an elasticity that is consistent with that in other regions. Although the magnitude of this parameter would be largely arbitrary, this method is preferred to predictions made exclusively on biological grounds: this methodology recognizes that producers may reduce or lengthen rotation ages during good and bad markets.

4.1.6 Exogenous Regions

As discussed in Section 2.3, several regions of the model are completely exogenous. Some regions have endogenous components, but may have exogenous timber supply for one or more of the four timber categories. For these regions and products, timber supply is specified by the user. These variables will be important elements of any scenario analysis.

4.2 Summary of Results and Elasticities

This section provides a brief summary of the results of the analysis of short-run timber supply. *Table 4.1* provides our estimates of sawtimber production (or harvests/removals) disaggregated by coniferous and nonconiferous species. All data represent estimates as of 1987.

Table 4.1 Sawtimber Production in the PRA in 1987 (mm m^3)

Region	Coniferous	Nonconiferous	Region	Coniferous	Nonconiferous
WSV	43.38	1.87	JPN	16.65	2.52
WSB	23.33	0	KOR	0.68	0.08
ESV	6.24	0	CHN	33.07	21.02
ESB	9.50	0	THK	0.26	0.16
INV	15.56	0	MAE	0	24.78
INB	20.13	0	MAW	0	10.32
ASK	2.89	0	IDN	0.35	30.54
CAL	8.55	0	PHL	0.04	3.41
USS	81.46	22.97	PNG	0.05	2.42
USN	10.93	20.98	ICH	0.25	5.65
CBC	23.60	0.24	IND	4.85	30.16
CIN	56.60	0.85	MDE	9.15	4.66
CEA	35.91	4.80	SUW	136.05	19.43
CAM	5.38	1.92	SUE	50.77	6.25
BRA	21.30	18.68	AFE	0.86	1.27
SAN	0.06	6.56	AFN	0.11	0.11
CHI	6.16	0.79	AFS	3.55	0.66
SAS	0.36	4.50	AFW	0	15.47
FIN	16.22	1.56	AUS	3.47	5.23
SWE	21.94	0.40	NWZ	5.07	0.04
EUW	57.00	22.50	OCN	0.19	0.71
EUE	23.77	12.69			
			WORLD	755.7	306.2

Table 4.2 shows the elasticity of sawtimber supply with respect to the stumpage price and/or delivered sawlog price. The elasticities are not affected by the exchange rate; thus, they are identical with respect to local currencies and U.S. dollars. The elasticities are computed at the 1986 values. The year obviously has no affect on the supply elasticities for constant-elasticity functions. However, in most regions, sawlog supply elasticities are comprised of two components: stumpage, and harvest and delivery. If harvest and delivery costs are treated as exogenous (hence perfectly elastic), the sawlog elasticity is equal to the stumpage elasticity divided by the stumpage share of delivered

sawlog cost. In these cases the elasticities will change over time as a function of the stumpage share. The Southeast Asian regions constitute exceptions to this procedure. In these five regions, the elasticities apply to net delivered prices[3] rather than stumpage (see note 3 in *Table 4.2*). If the government fee is exogenous, then we determine the supply elasticity with respect to the delivered price by dividing the computed elasticity by the harvest and delivery share of total costs.

There is a wide range of variation in both stumpage supply elasticities and delivered sawlog price elasticities. Softwood sawlog supply elasticities range from 0.5 in Sweden to 3.9 in Finland. Hardwood sawlog supply elasticities range from 1.0 in Indonesia 2.7 in East Malaysia. We make no attempt here to rationalize the differences among regions. These differences provide a useful starting point for discussions concerning short-run timber supply and for future analysis in this area.

Table 4.2 Sawtimber Supply Elasticities for Regions with Endogenous Models

	Coniferous		Nonconiferous	
Region	Stumpage	Delivered Price	Stumpage	Delivered Price
WSV	0.7	1.5		
WSB	1.3	2.8		
ESV	1.1	2.3		
ESB	0.9	1.8		
INV	0.8	3.0		
INB	0.5	1.7		
USS	0.7	1.0	0.5	1.2
USN	0.5	1.4	0.7	1.1
CBC		3.2		
CIN		1.1		
CEA		1.5		
CHI		2.8		
FIN	2.9	3.9	0.9	1.1
SWE	0.4	0.5		
EUW	1.0	1.2	1.0	1.1
JPN		0.9		
MAE			2.2	2.7
MAW			0.9	1.1
IDN			0.9	1.0
PHL			1.2	1.2
PNG			1.6	1.7
NWZ	1.0	2.2		

Notes: 1) Elasticities are computed at 1986 values.
2) For Sweden, the reported stumpage price elasticity represents the supply elasticity with respect to the roadside price.
3) For the Southeast Asian regions, the elasticity reported in the stumpage column represents the elasticity of hardwood sawtimber supply with respect to the net delivered price.

3. Net delivered price is defined as the delivered log price minus government charges assessed on these logs.

4.3 Timber Supply Dynamics

Timber supply dynamics follow a straightforward updating procedure. In regions that include an inventory term, inventory in each period is calculated using a simple growth-drain relationship:

$$I_{t+1} = I_t + G_t - H_t$$

where:

G is timber growth (mm m^3 of wood)

H is timber harvest (mm m^3 of wood)

Thus, the supply curve will be adjusted to reflect future inventory levels.

For public ownerships in the U.S. West, and for Chile and New Zealand, the updating procedure is conceptually identical. Uncut volume equations in the U.S. West are updated by adding sales (which are analogous to growth) and subtracting harvests. Biological supplies in Chile and New Zealand equal biological supply in the previous period ("inventory") plus biological supply in the current period ("growth") minus harvest: if the biological supply is exactly cut, then available supply simply equals the biological supply; if the full biological supply is not harvested due to low prices, the excess volume is made available in the next period. Cut is not allowed to exceed biological supply in a given period. Experimentation with permitting high prices to induce "overcutting" (by effectively shortening rotation lengths) showed the solutions were relatively unstable.

It should be noted that for some regions, an inventory term (or analogous term) does not appear as an argument in the supply equation. For these products and regions, the supply curve will remain stable over the forecast horizon.

None of these above specifications preclude the possibility of shifting timber supply curves in the future in response to other factors. Exogenous shifts in these curves can be easily implemented at the analyst's discretion. For example, if information is available that suggests that changes in government policy will affect future timber availability or that forest damages will lead to increased salvage harvests in the short run, timber supply curves can be readily modified to reflect the necessary supply adjustments.

4.3.1 Timber Growth

In regions where timber growth estimates are required, these estimates are exogenous. Timber growth is derived from separate projections of net growth (net annual increment) per hectare and number of hectares. Where possible, we have used information on growth from studies that have taken account of regeneration practices, the age structure of the forest, and mortality rates. Recent estimates for the variables used in the model are presented in *Table 4.3.*

Table 4.3 Timber Growth Estimates for Key Endogenous Supply Regions in the PRA

Region & Species		Net Growth per Hectare $m^3/ha/yr$	Hectares mm	Net Annual Growth mm $m^3/ha/yr$
WSV:	Coniferous	7.69		37.07
	Nonconiferous	1.97		9.52
	Total		4.82	
ESV:	Coniferous	2.84		6.62
	Nonconiferous	0.04		0.10
	Total		2.33	
INV:	Total	3.00	7.80	23.43
USS:	Coniferous	5.45	31.22	170.15
	Nonconiferous	2.69	40.73	109.56
USN:	Coniferous	0.52		36.07
	Nonconiferous	1.72		118.26
	Total		68.94	
FIN:	Coniferous	3.19	16.45	52.50
	Nonconiferous	4.40	3.61	15.88
SWE:	Coniferous	3.51	20.14	70.70
	Nonconiferous	4.75	3.55	16.85

Note: Estimates are for 1987, except in the cases of USS (1985), SWE (1985), and FIN (1980).

4.3.2 Timber Harvest

In each region we calculate separate harvest levels for coniferous and nonconiferous timber. Timber harvests are calculated as:

$$H_t = S_t + P_t + M_t$$

where:

S is sawlog and veneer log harvest (mm m^3 of wood)

P is pulpwood harvest (mm m^3 of wood)

M is harvest for miscellaneous uses, including poles, piling, and posts (mm m^3 of wood)

Harvests are a combination of endogenous and exogenous volumes, with the mix depending on the particular region. Sawlog harvests may depend on positively-sloped timber supply curves, or may be stated exogenously with perfectly inelastic supply curves. Pulpwood harvest also may be determined endogenously, but is most often prespecified due to poor success in estimating supply curves for roundwood pulpwood. In regions where miscellaneous harvests are important, they are either calculated as a fixed percentage of the sawlog harvest, or simply exogenous.

Fuelwood harvests are not included in the current version of the PRA. Fuelwood harvests pose a particularly difficult problem in forest sector modeling because of the lack of information on whether fuelwood is taken from growing stock or nongrowing stock sources. The omission of fuelwood from the PRA is not serious because: 1) inventory development is not modeled in regions like China, India, Brazil, and Africa, where fuelwood harvests dominate timber production; and, 2) fuelwood harvests will not have an important effect on sawtimber inventory development during the forecast horizon of the PRA.

5. PRODUCT SUPPLY AND TIMBER DEMAND

5.1 Specification and Estimation Procedure

To estimate product supply and timber demand equations for the PRA, we have adopted the statistical analysis approach common to many other forest sector models.[4] In this approach, data development and analysis is more intensive than in traditional economic methodologies where theoretical constraints tend to be more important. The number of variables in the final estimation process is reduced and this reduction leads to more reliable results and hence more useful information for forest sector models (Cardellichio and Kirjasniemi, 1987).

The product supply specification is:

$$P = C + a * U^b$$

$$C = (ST + HD) * R_1 + MVMC - CHIPS * R_2$$

$$U = Q / K_{-1}$$

where:

- P is the product price (real value per m^3 of product)
- C is variable production cost (real value per m^3 of product)
- U is capacity utilization
- a,b are estimated parameters
- ST is stumpage cost (real value per m^3 of log)
- HD is log harvest and delivery cost (real value per m^3 of log)
- R_1 is an input-output coefficient (m^3 of log used per m^3 of product)
- MVMC is minimum variable manufacturing cost (real value per m^3 of product)
- CHIPS is the price of wood chips (real value per m^3 of chips)
- R_2 is an input-output coefficient (m^3 of chips generated per m^3 of product)
- Q is product output (mm m^3 of product)
- K_{-1} is production capacity at the end of the previous year (mm m^3 of product)

---

4. See, for example, the two major forest sector market models used for policy analysis in the U.S. -- the Timber Assessment Market Model (TAMM; Adams and Haynes, 1980) and FORSIM (documented in Cardellichio and Veltkamp, 1981).

Assuming markets are competitive, prices equal marginal costs. Hence, the rationale for the price equation is straightforward: for a fixed level of capacity, rising production entails higher marginal costs. Alternatively, if prices rise, producers will supply more. Rather than treating capacity as a separate independent term, output is divided by capacity for two reasons: 1) the elasticity of output with respect to capital is assumed to be 1.0; and, 2) capacity expansion is assumed to occur such that the supply curve rotates outward, rather than shifts downward and outward.

Equations are not directly estimated for timber demand: timber demand is assumed to be a fixed proportion of product output. The sum of timber consumption in all relevant products equals the total timber consumption. In the above specification, R_1 is used to determine sawlog demand. For the historical data, R_1 is usually developed by dividing, say, sawlog consumption in softwood lumber production by softwood lumber production. However, in several regions (particularly those in the U.S. and Canada), R_1 is developed on the basis of survey information and the historical timber consumption data are subsequently derived.

5.2 Development of Capacity and Cost Data

Data on capacity and minimum variable manufacturing costs (MVMC) were specifically developed for this study. Published data on minimum variable manufacturing costs are rarely available. It is not as difficult to obtain information on capacity (though much harder than for pulp and paper products). However, such information is often not useful because of the variety of definitions of capacity.

These data were inferred from the analysis of basic variables describing market activity. The procedure for developing capacity data, referred to as "trend-through-peaks," is now commonly used in market modeling. The original procedure, described by Klein and Preston (1967), involves two simple steps. First, one selects production peaks of business cycles, and sets capacity equal to that level. Second, capacity during periods between peaks is developed by linear interpolation. Analysts have subsequently modified this procedure so that capacity is determined by applying a more reasonable level of capacity utilization (say 95%) during peak periods, and adopting more sophisticated interpolation techniques between periods.

Trend-through-peaks has at least two major advantages for determining capacity: 1) it is a quick and simple method for generating capacity estimates; and, 2) it provides a useful economic definition of capacity -- maximum output based on the assumption that all producers are operating during the most profitable periods -- rather than a technical definition based on physical possibilities. There are some obvious limitations to the method: 1) with annual data and short time series, the number of peaks may be quite limited; 2) there is no way to determine whether it is appropriate to assume the same utilization rates for different peaks; and, 3) there is no way to reliably determine the capacity levels between peaks. Nevertheless, if the trend in capacity has increased significantly over time, the inclusion of this variable is very important in the estimation of supply behavior.

Our method for developing MVMC is new, although it is based on principles similar to the implicit valuation techniques used in the FORSIM model (see Cardellichio and Veltkamp, 1981, for documentation). It was developed due to data limitations for many countries in the Pacific Rim, and is based on the fact that wood prices are generally easier to obtain than data on unit costs for labor and other variable inputs.

The first step in developing MVMC is to determine variable manufacturing costs and profits (VMC&P) by subtracting wood costs from revenues:

$$VMC\&P = P + CHIPS * R_2 - (ST + HD) * R_1$$

Second, one selects the troughs associated with business cycles and sets MVMC equal to some proportion of those values. Finally, one simply interpolates between these values to generate a time series of MVMC for a given product in a given region.

5.3 Summary of Results and Elasticities

5.3.1 Product Supply

As indicated above, estimates of product supply behavior and product supply elasticities are heavily influenced by our theoretical structure. Because two variables are derived, it is easy to exert a fair amount of control over the success of the econometric estimation. However, once we had established our cost and capacity series, as a general rule we used the estimation results if the parameters were reasonable, even though there may have been a high level of unexplained variation in the regression.

There are two elasticities that are important to consider in the analysis. The elasticity of supply with respect to price is calculated as P/[b*(P-C)]. The elasticity of price with respect to cost is calculated as C/P. Although we checked both elasticities at the sample mean and in recent years, we show only the supply elasticities at the sample mean in *Table 5.1*.

Table 5.1 Product Supply Elasticities for Regions with Endogenous Models

Region	CSAW	NSAW	CPLY	NPLY
		Product		
WSV	1.7		2.1	
ESV	3.0		2.8	
INV	2.2		2.4	
USS	1.0	0.8	1.3	
USN	1.7	0.8		
CBC	1.3			
CIN	1.0			
CEA	1.5			
CHI	4.6			
FIN	3.1			
SWE	1.2			
EUW	0.9	1.3		
JPN	1.0	1.9		0.7
KOR	2.1	2.4		1.2
THK	0.5	0.9		1.9
MAE		1.2		0.6
MAW		1.7		2.0
IDN		0.7		0.7
PHL		1.1		3.3
NWZ	0.9			

5.3.2 Timber Demand

As noted above, timber is assumed to be consumed in fixed proportion to product output. *Table 5.2* shows 1987 input-output coefficients for softwood and hardwood sawlogs (or veneer logs) used in lumber and plywood production.

Table 5.2 1987 Technological Coefficients for Log Consumption (m^3 sawlogs/m^3 product)

Region	CSAW	NSAW	CPLY	NPLY
		Product		
WSV	2.12	2.50	1.62	
ESV	2.66		1.61	
INV	2.40		1.69	
ASK	2.00			
CAL	2.28		1.87	
USS	2.82	2.07	2.03	1.00
USN	3.02	1.95	2.03	1.00
CBC	2.44			
CIN	2.70			
CEA	2.86			
CAM	1.98	1.92	1.98	1.92
BRA	2.38	2.38	1.81	1.81
SAN	3.00	1.94		1.94
CHI	2.09	2.20	2.00	2.00
SAS	2.17	2.50		2.50
FIN	2.08	2.50	3.00	3.50
SWE	2.00	1.35	3.80	1.35
EUW	1.65	2.10	1.30	2.10
EUE	1.59	1.95	1.59	1.95
JPN	1.42	1.42	1.60	1.54
KOR	1.37	1.37		1.47
CHN	2.00	2.28	2.50	2.50
THK	2.90	2.13		1.89
MAE		1.72		2.00
MAW		1.72		1.82
IDN		2.00		1.82
PHL		1.72		1.82
PNG		5.00		2.41
ICH	2.50	2.60		2.60
IND	2.00	2.00		2.00
MDE	2.50	2.50		2.50
SUW	2.00	2.00		
SUE	2.00	2.00		
AFE	3.20	1.97		1.97
AFN	1.67	4.82	1.67	
AFS	2.36	2.96	2.36	
AFW		2.08		2.08
AUS	2.67	2.78	2.27	
NWZ	2.19	2.00	2.63	
OCN	2.10	2.55		2.55

5.4 Product Supply Dynamics

5.4.1 Cost Shifts

In the current version of the PRA, all future estimates of MVMC and R are specified exogenously. In regions where harvest and delivery costs are modeled separately from stumpage costs, harvest and delivery costs are projected exogenously. These projections are based on historical trends and some judgement concerning technological possibilities.

Like most forest sector models, production technologies evolve rigidly in the CGTM regardless of the different price paths generated by policy simulations: the assumption of fixed proportions means that wood use does not depend on relative factor prices. Forest sector models remain weak in this regard since there has been little empirical work to parameterize technological adaptations to price changes in the short run. We do not ignore these factors, but monitor the time path of technological coefficients in response to different scenarios and determine if adjustments are necessary.

5.4.2 Profitability and Capacity Change

The PRA determines changes in production capacity on the basis of historical profitability. Because of several statistical problems associated with capacity change models, we have not attempted to estimate the parameters of these models with econometric methods. Some of the major difficulties include: 1) the capacity data are fabricated and the year-to-year changes are not meaningful; 2) capacity series often show limited variability; 3) there are strong *a priori* reasons to believe that switching models are the appropriate specification, but the sample is generally too limited to estimate such models; 4) the measurement of profitability and incorporation of tax incentives is difficult; and, 5) lag structures may be quite complicated.

Thus, we have chosen to employ a straightforward decision rule to handle capacity expansion and contraction: if capacity is less than optimal, it expands; otherwise it contracts. To determine the optimal capacity level, we first define a target capacity utilization (U^T) for each region and product. Theoretically, this is the level at which prices equal average total costs, or profits just cover capital costs. Empirically, we choose this level by examining historical levels of capacity utilization and trends in capacity levels. Next, we determine the desired production level in the current period. The desired production level (Q^d) is defined as the production level if capacity is not binding:

$$\text{IF } Q = K_{-1} \text{ THEN } Q^d = [(P - C)/a]^{1/b} * K_{-1} \text{ ELSE } Q^d = Q$$

Target capacity (K^T) is level of capacity that is necessary so that desired production can be achieved at optimal utilization rates:

$$K^T = Q^d / U^T$$

Capacity change then adjusts in the appropriate direction at the rate designated by the user:

$$\text{IF } K^T > K_{-1} \text{ THEN } K = K_{-1} + e_{ij} * (K^T - K_{-1})$$

$$\text{ELSE } K = K_{-1} + c_{ij} * (K^T - K_{-1})$$

where:

e_{ij} is the expansion rate (say 0.4) for product i in region j
c_{ij} is the contraction rate (say 0.2) for product i in region j

6. PRODUCT DEMAND

6.1 Specification and Estimation Procedure

The use-factor approach to estimating demand equations for forest products has been the most successful approach in forest sector modeling.[1] In the use-factor approach, aggregate consumption levels are partitioned among the major markets, and demand behavior is estimated for these individual markets. The dependent variable -- the use factor -- is defined as the volume of forest product consumed in a particular market divided by an indicator of activity specific to that market.

While we would argue that the use-factor approach provides the most sound information for forest sector projections, we were quite limited in our ability to utilize this methodology for this phase of the PRA. The most significant impediments were the enormous data requirements resulting from the large number of regions included in the model, and the variety of end-use markets that consume lumber and plywood.

Since time and resource constraints allowed us to devote only limited attention to this sector, we adopted a compromise solution for demand modeling. We employed three types of models: 1) those we estimated directly; 2) those that were endogenous, but based on the previous demand analysis; and, 3) those that were strictly exogenous.

In regions for which we estimated demand equations, we attempted to identify the primary end-use market and estimated demand as a function of activity in that market. We limited our choice to a single market for two reasons. First, for many regions in the Pacific Rim, it is very difficult to obtain time-series data (or even sample data in most cases) on consumption of lumber and plywood by end use. Second, because of our limited attention to demand markets in this phase of the PRA, it did not seem wise to expand the model to another dimension of complexity to accommodate multiple-demand markets for only a few cases. It should be emphasized that these models usually do not adequately portray the varied array of end uses for which forest products are employed, and hence, the parameter estimates associated with our demand functions are likely to be biased and inconsistent. Demand analysis in Pacific Rim markets is perhaps the area where more in-depth analysis would yield the highest returns.

---

1. The advantages of the use-factor approach are well-known and include: 1) estimating separate equations for each market avoids the high degree of collinearity among prices and among indicators of market activity that are included in a traditional demand equation; 2) disaggregation permits the estimation of more specific market behavior so elasticity estimates may vary among different market segments; and, 3) disaggregation allows the use of more varied data, including market survey and industry information, that improves understanding of demand behavior.

Final product demand is specified in constant-elasticity form using one of the following equations:

$$Q / I = a * P^{b} \qquad \text{or} \qquad Q = a * P^{b} * I^{d}$$

where:

Q is product consumption (mm m^3 of product)
I is an indicator of market activity (for example, GDP or housing starts)
P is the product price (real local currency per m^3 of product)
a,b,d are estimated parameters

The first equation is specified to constrain the elasticity with respect to the end-use indicator to equal 1.0. The second equation constitutes a test of this hypothesis. Constraining the elasticity to equal 1.0 may be easily justified in the case of say, lumber consumption in housing. However, when the indicator of market activity is much broader (for example, GDP), it does not necessarily follow that the elasticity should be 1.0. We have estimated both regressions, compared the results in each case, and selected the equation we believed to be most suitable for the projection period.

Substitution between wood and other materials (for example, wood and metals) and between wood products (for example, plywood and reconstituted panels) is an important aspect of forest products markets. However, cross-price elasticities have been excluded from our specification for three reasons: 1) appropriate substitutes cannot be identified without fairly good end-use data; furthermore, they are difficult to rationalize when markets are highly aggregated as with GDP; 2) time-series data on substitute prices are often not available; and, 3) because our sample size is limited, multicollinearity problems are quickly encountered when other price terms are added to an equation. Furthermore, substitution is often a function of technological change that cannot be directly captured with simple demand specifications.

Our methodology addresses substitution issues in two ways. First, we analyze the historical data to identify shifts that may be due to underlying technological factors. If such shifts are apparent, we adjust the data sample or include dummy variables as necessary. Second, for the projection period, we incorporate technological shifts exogenously. For example, in the case of plywood and reconstituted panels, we control the relative rate of change in demand. As another example, we control the usage rates of softwood fiber, hardwood fiber, and wastepaper in pulp usage.

The estimated demand equations must be inverted to be used in the solution algorithm of the model. Thus, the equations used in the model are in the form:

$$P = (1/a)^{1/b} * I^{-d/b} * Q^{1/b}$$

Several demand equations in the PRA are based on previous demand analysis, particularly in the U.S. and Canadian regions. In these regions we utilize demand elasticities from prior research. The constant term is calculated using price and quantity data for 1987.

Finally, consumption is exogenous for many products and regions in the model. Many regions consume very small quantities of some products. The analysis of demand behavior for these region-product combinations is relatively unimportant in the overall framework of the PRA. Nevertheless, the assumption that the demand elasticity equals zero in these regions can be easily modified: it is a simple task to choose appropriate elasticities and position these demand curves.

6.2 Summary of Results and Elasticities

Table 6.1 lists the demand regions in the PRA. The demand regions in the model are the same as the supply regions except in the U.S. and Canada. In the U.S., the five regions that comprise the western U.S. have been combined into a single demand region. The three Canadian regions have been combined into one region. *Table 6.1* also shows whether demand in each region has been estimated, based on previous analysis, or is exogenous. If we have estimated demand for a region, we show the demand indicator used in the equation, along with the corresponding elasticity of demand with respect to that indicator.

Table 6.2 presents the elasticity of demand with respect to price for all regions and products that have endogenous demand equations.

Table 6.1 End-use Indicators for Demand and Elasticities with respect to these Factors

	SAWNWOOD			
	Coniferous		Nonconiferous	
Region	Indicator	Elasticity	Indicator	Elasticity
USW	Prior		X	
USS	Prior		Prior	
USN	Prior		Prior	
CAN	Prior		Prior	
CAM	X		X	
BRA	X		Prior	
SAN	X		X	
CHI	Prior		X	
SAS	X		X	
FIN	Prior		X	
SWE	Prior		X	
EUW	Prior		Prior	
EUE	X		X	
JPN	HSA	1.0	HSA	1.0
KOR	CON	1.0	BSA	1.0
CHN	X		X	
THK	X		FRN	1.0
MAE	X		X	
MAW	X		GDP	1.0
IDN	X		GDP	1.5
PHL	X		GDP	1.0
PNG	X		X	
ICH	X		X	
IND	X		X	
MDE	X		X	
SUW	X		X	
SUE	X		X	
AFE	X		X	
AFN	X		X	
AFS	X		X	
AFW	X		X	
AUS	X		X	
NWZ	HS	1.0	X	
OCN	X		X	

Table 6.1 (continued)

	PLYWOOD			
	Coniferous		Nonconiferous	
Region	Indicator	Elasticity	Indicator	Elasticity
USW	Prior		X	
USS	Prior		Prior	
USN	Prior		Prior	
CAN	Prior		X	
CAM	X		X	
BRA	X		X	
SAN			X	
CHI	X		X	
SAS			X	
FIN	X		X	
SWE	X		X	
EUW	X		X	
EUE	X		X	
JPN	X		BSA	1.0
KOR			BSA	1.0
CHN	X		X	
THK			BSA	1.0
MAE			X	
MAW			X	
IDN			GDP	2.0
PHL			X	
PNG			X	
ICH			X	
IND			X	
MDE			X	
SUW	X		X	
SUE				
AFE			X	
AFN	X		X	
AFS	X			
AFW			X	
AUS	X			
NWZ	X			
OCN			X	

Notes: 1) USW is the combination of western U.S regions.
2) CAN is the combination of Canadian regions.
3) "Prior" indicates the elasticity is based on previous demand analysis.
4) "X" indicates that consumption is specified exogenously.
5) HS is number of housing starts.
6) HSA is total floor area for housing starts.
7) GDP is real gross domestic product.
8) CON is real construction value.
9) FRN is real value of furniture production.
10) Blanks indicate that consumption is exogenous, but equals zero.

Table 6.2 Own-price Elasticities of Demand used in the PRA for Regions with Endogenous Models

	SAWNWOOD		PLYWOOD	
Region	Coniferous	Nonconiferous	Coniferous	Nonconiferous
USW	0.30	0	0.50	0
USS	0.30	0.50	0.50	0.50
USN	0.30	0.50	0.50	0.50
CAN	0.30	0.50	0.50	0
BRA	0	0.50	0	0
CHI	0.30	0	0	0
FIN	0.30	0	0	0
SWE	0.30	0	0	0
EUW	0.30	0.50	0	0
JPN	0.67	2.42	0	0.55
KOR	1.51	1.06	0	0.85
THK	0	0.89	0	0.91
MAE	0	0.99	0	0
MAW	0	0.55	0	0
IDN	0	0.92	0	1.50
PHL	0	1.56	0	0
NWZ	0.45	0	0	0

6.3 Product Demand Dynamics

Intertemporal shifts in demand curves are perhaps the most difficult from the point of view of prediction, but most simple from an operational standpoint. The difficulties are obvious given the great uncertainty concerning the future macroeconomic climate in key regions of the world. Possibilities for substitution, technological change, and new product development increase the complexity of demand forecasting.

Operationally, the procedure is straightforward: in all large-scale forest sector models, demand curve shifts induced by macroeconomic changes are handled using exogenous factors.[2] Exogenous factors can be input directly, or input as percentage changes.

For regions that rely on previous demand analysis and hence have no demand indicator, we construct an index for the demand indicator with the base year value equal to 1.0. This value is then updated over the projection period to reflect growth in the composite demand category.

---

2. There have been some efforts in smaller-scale forest sector models (for example, Percy and Constantino, 1987, and Vincent, 1989) to incorporate demand shifts endogenously. This seems particularly important in countries like Canada and Malaysia, where the forest sector may have significant effects on the overall economy. However, the size of the PRA makes such specifications highly infeasible.

7. TRADE AND TRANSPORTATION

7.1 Trade Data and Trade Bans

In principle, all regions in the PRA are linked by trading arcs, such that any two regions may trade any product. However, this full set of trading opportunities vastly overstates the trading activity that we have observed historically. Thus, the first step in developing the trade sector is to construct matrices that reflect historical trade behavior.

The trade matrix for each product serves two primary functions. First, and most importantly, it designates the set of arcs that will be open for trade. There are a variety of rules that could be used for this purpose. In the CGTM, the following applies: 1) a positive number (greater than or equal to 0.001) indicates that trade may occur; 2) a zero (or blank) indicates that trade is banned on that arc; and, 3) a negative number (less than or equal to -0.001) means that trade may occur but the volume is exogenous. The second function of the trade matrix is to provide data on historical trade patterns that are useful for analysis. From an operational standpoint, a trade matrix of 0's, 1's and -1's would provide the information necessary for simulations. However, incorporating realistic trade flow data has several advantages: 1) one gains a better understanding of trading activity; 2) one can better examine the implications of trade projections; and, 3) one can determine where more detailed analysis will yield the greatest payoffs.

To construct trade flow matrices, we began by recording each region's export volume to every other region, along with each region's import volume from every region. This matrix was twice the necessary size since two flows were recorded for every arc, one based on exporting data and one on importing data. We then collapsed the matrix to its final dimensions using the following procedure. First, we retained all flows that were (almost) identical from both sources. Second, we kept flows that were identified from one source but not the corresponding source in another country. For example, if a region identifies only major trading partners and includes an "other" category, it is sometimes possible to use the data of the trading partners to allocate these flows. Finally, we compared the export and import totals with the row and column sums to determine if the sum of identified flows matched the trade totals. Where there were significant discrepancies, we allocated trade in a manner to balance the matrix.

Some flows were then deleted or added from the balanced matrix to prepare the matrix for PRA simulations. We eliminated some small flows that we judged to be insignificant and to have little potential for trade in the future. Typically, these were for regions with very little trading activity and fairly far removed from Pacific Rim markets. We also removed internal flows that were present in multi-country regions, for example, Western or Eastern Europe. We then added new flows (set at

0.001) for trade between regions that we believed will likely develop over the next decade.

Table 7.1 presents total world imports/exports for each PRA product based on the balanced trade data set. The first column of data ("Total Trade") shows the total volume of interregional trade in the model (internal trade, for example in Western Europe, is excluded; as before, final product shipments from the western regions to the U.S. West and the three Canadian regions to Canada also are excluded). The second column of data shows the portion of this trade represented by international trade only; thus, trade between U.S. regions and between Canadian regions is also excluded.

Table 7.1 World Imports/Exports for PRA Products in 1987 (mm m^3)

Product	Total Trade	International Trade
Coniferous Logs	34.18	34.18
Nonconiferous Logs	27.27	27.27
Coniferous Pulpwood	27.34	21.64
Nonconiferous Pulpwood	13.08	13.08
Coniferous Sawnwood	72.53	55.78
Nonconiferous Sawnwood	11.20	11.20
Coniferous Plywood	11.61	1.74
Nonconiferous Plywood	9.04	9.04

Note: Total trade may differ from the data presented in *Tables 3.1* and *3.2* because of balancing and the elimination of internal trade (for example, trade among the countries of Western Europe).

Trade matrices are shown for each product in Appendix A. These matrices have been condensed by eliminating all columns and rows with no trading activity. These matrices are identical to those used in the model, except that all flows are shown as positive numbers.

7.2 Trade Inertia

Methods to deal with trade inertia have been developed in forest sector models due to the empirical observation that adjustments in trading patterns proceed slowly. This has been attributed to factors other than relative price and cost relationships, and several explanations have been offered such as long-term contracts and marketing relationships (Kornai, 1987). Because of the programming structure of the CGTM, it is quite easy to implement constraints that control the rate of change in trade between one period and the next.

We have not implemented inertia bounds in the PRA for several reasons. First, trade inertia bounds tend to generate "noneconomic" behavior, because quantity constraints lead to price movements that contradict the basic assumptions of the model: products may be delivered to regions at a substantial premium over domestic goods (trade bounded at a lower constraint), or at a substantial discount (trade bounded at an upper constraint). These items have no effect on demand levels since only equilibrium prices are considered in the demand formulation. Second, it is not possible to determine the appropriate rate of change statistically, so the constraints are completely arbitrary. Third, due to the basic assumptions of a spatial equilibrium model, trade flows cannot be modeled with much accuracy in spite of the false promise of inertia constraints.[3] Finally, the inclusion of inertia constraints greatly complicates the analysis and interpretation of model results.

7.3 Transport Costs and Tariffs

On most trading arcs, it is extremely difficult to obtain reasonable estimates of transportation costs, particularly for ocean freight. Furthermore, the collection of tariff schedules also can be problematic.

To remedy these difficulties, we have adopted the following strategy. Let us define price equilibrium for one product in two regions by the following condition:

$$P_j = P_i + T_{ij} + C_{ij}$$

where:

- P is the average product price
- T is the transportation cost
- C is the value adjustment or quality differential (premium or discount)
- i is the exporting region
- j is the importing region

The price difference between regions, which we denote by the term "transfer cost," is thus equal to $T_{ij} + C_{ij}$ which is the combination of transportation costs and value adjustments. Historical transfer costs are calculated by subtracting the export price from the import price on each arc.[4]

Not only does this method greatly simplify the process of determining transfer costs, but it

---

3. The primary difficulty in predicting trade flows with spatial equilibrium models is the violation of homogeneity assumptions at both the product and regional level. This issue has been discussed by Cardellichio and Adams (1989), Brooks (1987), Adams and Haynes (1987), and Thompson (1981), among others.

4. This sometimes leads to negative transfer costs. However, this simply implies that the average value of the product being exported exceeds the average value of the product in the importing region. This does not create any difficulties in the solution procedure.

also has some distinct modeling advantages. An allowance for species and grade differences is important for explaining price differences in the past, particularly when one considers world models which encompass a great deal of product heterogeneity. If such adjustments are not included in the simulation model, then prices will diverge immediately, by an amount C. As a result, it will not be possible to predict historical price levels, nor maintain the relationship among them. This procedure solves this modeling dilemma by implicitly adjusting for species and grade differences. Based on the analysis by Cardellichio and Adams (1989), we believe it is likely to yield more realistic simulation results.

7.4 Transfer Cost Dynamics

Transfer costs are updated over time by exogenously determining the rate of real inflation. In the basic simulations presented in this manuscript, we assume that these costs remain constant over the forecast horizon.

8. EXOGENOUS PRODUCTS: PULP AND PAPER AND RECONSTITUTED PANEL PRODUCTS

8.1 Rationale for Exogenous Products

Pulpwood is included as a raw material in the PRA. As discussed in Section 1.3, there are at least three reasons for recognizing pulpwood in the PRA. Briefly, these include: 1) updating timber inventories; 2) determining pulpwood prices endogenously; and, 3) providing information on pulpwood trade. As noted elsewhere, pulpwood is defined as wood that is used in the production of pulp or reconstituted panels.

Production of both wood pulp and reconstituted panels are specified as exogenous inputs in the PRA. By making these products exogenous, we avoid the complex tasks of building comprehensive models of these sectors and incorporating them in the CGTM. This decision was not based on computer resource constraints: the addition of a large-scale pulp and paper model can be readily handled using current software and computing capacity. Rather, the decision was based on the amount of time and resources that are required to develop a full-scale price-endogenous pulp and paper model. Furthermore, it is difficult to determine the degree of product detail that would be required to make this a useful addition to the PRA. For example, aggregating all printing and writing papers would likely generate transportation flows that are function of product heterogeneity, rather than economic efficiency. For these reasons, we decided that exogenous pulp and paper and reconstituted panels sectors would satisfactorily meet the needs of this phase of the PRA.

8.2 The Pulp Model

The pulp and paper model associated with the PRA is organized in spreadsheet format. This organization provides us with the capability of altering assumptions and generating a new set of regional wood pulp production data as frequently as necessary.

Projections of regional wood pulp production are developed using the following methodology. First, we input a scenario for world paper and paperboard production/consumption. This projection depends on world economic growth and the historical rate of growth in the paper and paperboard sector.[5] Second, technological coefficients are employed to determine the amounts of

---

5. An alternative method of making this projection is simply to assume that the growth rate in world paper and paperboard consumption is identical to the growth rate in world income. This assumption implies that the elasticity of paper and paperboard consumption with respect to income is 1.0. There is some statistical evidence to support this hypothesis (see, for example, Martin, et al., not dated, Table 6).

wood pulp and other furnish -- primarily wastepaper -- that are required to produce this volume of paper and paperboard. Third, world wood pulp production is allocated to the PRA regions based on three factors: 1) announced capacity additions, including both greenfield mills and incremental expansions[6] (these are generally available for the next four years, and some increases have been announced for up to six year); 2) trends in historical production shares; and, 3) fiber availability. Fiber availability initially depends on anticipated increases in growing stock inventory (for example, plantation supplies in Brazil and Portugal).

Regional wood pulp projections that result from this procedure are input directly into the PRA model, along with technological coefficients that indicate the amount of softwood pulpwood and hardwood pulpwood used in wood pulp production. Projection of these coefficients -- expressed as m^3 pulpwood/metric ton of wood pulp -- reflect technological improvements in yields as well as shifts in pulp processes. After simulations are made with the full PRA model, these data are modified to incorporate the new information that has been generated on regional pulpwood prices and trade. Input adjustments may be made in either a region's share of world wood pulp production, or the species mix of wood furnish.[7] Further modifications may be made, and this iterative process continued, until regional pulpwood consumption and production projections are consistent with regional trends in pulpwood prices.

Regional wood pulp production in 1987 is shown in *Table 8.1*. Approximately 45% of world output was produced in only three regions: the U.S. South (USS) alone accounted for 26% of world production; Eastern Canada (CEA) and Western Europe (EUW) together accounted for another 19%. Historical data (1980 to 1987) and projections for regional wood pulp production are shown in Appendix A.

Table 8.1 also presents technological coefficients on pulpwood consumed in wood pulp production. There is a significant degree of regional variation in the mix of coniferous and nonconiferous species used, reflecting both fiber availability and the mix of pulp processes. Total fiber usage rates also show substantial variation among regions. Part of this variation may be attributed to technological differences which arise from at least two sources: 1) regional differences in the mix of pulp processes; and, 2) regional differences in efficiencies for the same process. It is also clear that part of the variation may be explained by inaccuracies in published data. Measurement errors may exist in both the wood pulp production data and the pulpwood consumption data, but are likely to be more serious for the latter.

---

6. Allocations based strictly on capacity shares may not provide accurate production estimates due to varying rates of capacity utilization in different regions. Adjustments have been made to correct for this problem where possible.

7. If necessary, it is also possible to adjust world paper and paperboard production, or alter the mix of wood pulp and other furnish.

Our projections of changes in technological coefficients over the next decade vary widely across regions. We forecast very significant reductions in wood usage in some regions. For example, in Interior Canada (CIN), the bulk of planned expansion is in chemithermomechanical pulps (CTMP). Fiber yields for CTMP may be double those of kraft pulp. The resulting significant shift in the pulp mix is expected to lead to almost a 20% reduction in unit wood usage for the region by 2000. Improvements in fiber yields will be more moderate in many regions, while technological coefficients in several regions will remain unchanged.

Table 8.1 1987 Regional Wood Pulp Production and Technological Coefficients for PRA Regions

	Wood Pulp Production mm metric tons	Pulpwood Consumption m^3/metric ton of pulp Coniferous	Nonconiferous
WSV	6.44	4.42	0.06
ESV	0.46	4.84	0
INV	2.33	5.22	0.11
ASK	0		
CAL	0		
USS	38.72	2.61	1.10
USN	8.61	1.38	2.22
CBC	4.36	4.60	0
CIN	3.50	7.70	0.20
CEA	14.98	3.82	0.22
CAM	0.56	4.75	0.56
BRA	3.66	1.43	3.09
SAN	0.16	0.29	2.09
CHI	0.86	5.14	0.26
SAS	0.64	2.83	2.32
FIN	8.47	3.29	0.98
SWE	9.99	3.34	0.59
EUW	13.19	2.40	2.09
EUE	3.67	2.67	1.84
JPN	9.73	1.61	1.90
KOR	0.32	1.71	0.97
CHN	1.42	2.64	1.39
THK	0.34	0	8.45
MAE	0		
MAW	0.12	0	4.50
IDN	0.11	2.30	0
PHL	0.16	0	2.27
PNG	0		
ICH	0.03	nr	nr
IND	1.03	0.14	1.27
MDE	0.38	0.84	0.24
SUW	9.56	2.65	0.46
SUE	0.81	2.06	1.05
AFE	0.09	4.21	0.62
AFN	0.08	0.44	4.03
AFS	1.46	2.03	1.69
AFW	0.03	0	4.38

AUS	0.91	3.59	1.46
NWZ	1.11	3.37	0.03
OCN	0		
WORLD	148.3	3.06	1.14

Notes: 1) In many cases, input-output coefficients are not based on technological data, but are determined from published estimates of wood pulp production and pulpwood consumption. This may result in unreasonable estimates in cases where there are significant measurement errors, for example, coniferous pulpwood use in Interior Canada. Consumption also may be distorted because residue use is not available in several regions of the world. While we recognize these discrepancies, we retain these estimates to maintain consistency between historical and projected pulpwood consumption figures.
2) INV represents the sum of INV, ASK, and CAL, that is, the U.S. West except Washington and Oregon.

8.3 The Reconstituted Panels Model

The reconstituted panels model serves the same function as the pulp model in the PRA, and is specified in essentially the same manner. The key difference is that production levels are not linked directly to macroeconomic trends. Instead they are based on historical trends and assumptions regarding substitution for plywood.

Reconstituted panels are broadly defined to include both particleboard and fiberboard. The distinction between particleboard and fiberboard relates to: 1) raw material size – particleboard uses particles or small pieces of wood, whereas fiberboard uses wood fibers; and, 2) binding technology -- particleboard uses synthetic binders, whereas fiberboard relies primarily on the adhesive properties of the fibrous input.

Particleboard includes structural flakeboard, which may be disaggregated to waferboard and oriented strandboard (OSB). Particleboard is used for furniture, cabinets, floor underlayment, floor decking, and exterior siding for housing. Fiberboard is sometimes disaggregated between compressed and noncompressed boards. Compressed fiberboards include hardboard and medium density fiberboard (MDF) and are used primarily in furniture manufacturing. Noncompressed fiberboard is commonly used in insulating applications. According to FAO estimates, world particleboard production totaled 50.0 mm m^3 in 1987, compared to 10.0 for compressed fiberboard and 8.0 for noncompressed fiberboard.

Regional production data for reconstituted panels in 1987 are shown in *Table 8.2*. As with pulp production, reconstituted panel production is fairly heavily concentrated in only a few regions. Four of the PRA regions comprise 67% of world output. The shares for these regions are: Western

Europe, 29%; Soviet Union, 16%[8]; U.S. South, 13%; and Eastern Europe, 9%.

It was very difficult to obtain data on wood consumed in the manufacture of reconstituted panels. Using data available for Finland, Sweden, and Japan, we calculated the following estimates of technological coefficients in recent years (in m^3 pulpwood/m^3 panels): Finland, 1.6 for particleboard and 1.9 for fiberboard; Sweden, 1.3 for particleboard and 2.0 for fiberboard; and, Japan, 1.6 for both products combined. Based on these data, we have selected 1.4 for particleboard and 2.0 for fiberboard as rough approximations of input-output coefficients. Due to the lower compaction of wood in structural flakeboards, we chose 1.2 as the relevant conversion factor. The split between coniferous and nonconiferous wood usage was generally based on the particleboard-fiberboard mix and market information concerning wood manufacturing practices in different regions; however, a fair amount of guesswork was required in many regions due to the limited amount of information available.

Table 8.2 Reconstituted Panels Production for 1987 in the PRA (mm m^3)

WSV	2.18	CHN	1.62
ESV	0	THK	0
INV	0	MAE	0
ASK	0	MAW	0.01
CAL	0	IDN	0
USS	8.73	PHL	0.07
USN	3.64	PNG	0
CBC	0.76	ICH	0.10
CIN	0	IND	0.15
CEA	3.04	MDE	0.83
CAM	0.67	SUW	11.19
BRA	1.41	SUE	0
SAN	0.27	AFE	0
CHI	0.22	AFN	0
SAS	0.41	AFS	0.30
FIN	0.77	AFW	0
SWE	1.26	AUS	0.82
EUW	20.50	NWZ	0.42
EUE	6.27	OCN	0
JPN	1.79		
KOR	0.08	WORLD	69.51

8. We do not know the regional split of reconstituted panels production in the Soviet Union. Since the Soviet Union is exogenous in the PRA, this allocation has no effect on the simulation results of the model. Thus, for modeling purposes, we simply assume that all production occurs in the Western region.

9. BASE CASE PROJECTIONS

9.1 Presentation of Results

The BASE CASE results are presented in Appendix A. Data are shown for the period 1980 to 2000. At this time, our data base includes the historical data through 1987 (except in the case of bilateral trade flows which have been balanced for 1987 only). Forecasts are shown from 1987 to 2000. The 1987 values are repeated to provide some insight into the predictive accuracy of the fully-integrated model.

Most of the tables are self-explanatory. The regional definitions have been provided in *Table 1.2*. The concepts presented are production, consumption, total exports, total imports, prices, and bilateral trade flows. The model obviously generates bilateral trade flows in every solution period, but we provide trade matrices for only 1987 (historical), 1993, and 2000 to conserve space in this report.

Two types of tables deserve mention. First, there are tables that indicate reclassification of sawlogs to pulpwood (for coniferous and nonconiferous species). These tables show the volume of sawlog material that is downgraded and used for pulpwood. In regions where this occurs, pulpwood supplies are extremely tight relative to sawlogs, and pulp mills compete directly for the same logs at the margin (hence we observe identical delivered prices for the two products). Second, for pulpwood production, we show three tables: total production, production from roundwood, and production from residues. Only the totals are relevant for the consumption and trade components of the model.

A few concepts in the tables require special interpretation. Total exports from the five western regions exclude shipments to the U.S. West because these are considered to be internal flows. Likewise, U.S. West imports do not include shipments received from these western regions. However, the bilateral trade tables show all of these flows except Inland (INV) shipments to the U.S. West.[1] The situation is analogous for Canada. Total exports from the three Canadian regions exclude shipments to Canada, while total Canadian imports exclude receipts from these regions. Shipments from Eastern Canada to Canada do not appear in the bilateral trade tables. There are two prices at the bottom of the price tables that represent volume-weighted averages of prices in the endogenous regions. "AVE" is a variable-weight index, where the weights are the production volumes in the current year. "FWA" is a fixed-weight average, where the weights are the historical production volumes in 1987.

The BASE CASE forecast is a trend forecast, and this, of course, critically affects the character of the results. We do not believe that the future will unfold in such a smooth, regular fashion.

---

1. This is due to the model design. Within the demand module, the Inland region is identified as the U.S. West to eliminate the need for an additional, aggregated region.

However, we do not have a consistent macroeconomic projection or the supporting data to judge the timing or magnitude of business cycles around the world. Thus, it is much more simple to implement a trend forecast which reflects anticipated average rates of change for the exogenous variables in the model. While the BASE CASE is intended to represent a likely, reasonable path of future events, it does contains further simplifying assumptions that should be altered in future simulations. These include assumptions that transportation costs and exchange rates will remain constant in real terms at 1987 levels. Finally, the first forecast year is 1988 (though we show predicted values for 1987), so the data base needs updating to provide more realistic projections.

The discussion of the tables is brief: it is simply not possible to describe the details of the results here. We provide the full set of tables for the interested reader, but limit our discussion to the most important features of the BASE CASE scenario.

Due to the long-term, developmental nature of this project, this projection should be viewed as the start of more routine modeling and forecasting work at CINTRAFOR. With the basic model structure and data base now completed, future research can be more responsive to current economic trends and forecasts, and can keep closely abreast of current data.

9.2 Characteristics of Trade Results

In order to interpret properly the forecast results, it is useful to reiterate some key features of a spatial equilibrium model solution. In any solution period, trade flows are calculated such that producers and consumers behave optimally. It follows that bilateral trade flows may bear little resemblance to the historical pattern of trade. For example, the Pacific Northwest Westside and Coastal B.C. exhibit a fairly dispersed pattern of softwood lumber shipments in 1987 with lumber moving to several different destinations. However, the prediction of these flows for the same year shows lumber moving to a much more limited set of destinations, even though the total volume of shipments is quite similar. Once a new pattern of shipments is generated in the first solution year, this basic pattern will persist in the future (thus, one can obtain a general idea of predicted trade patterns from only a few projection years). The pattern of shipments can be altered quite easily, and may change dramatically due to a minor change in transfer costs. But it is important to recognize that the level of production and total exports (or imports) are very robust with respect to such changes. Hence, price predictions are also robust.

We also should point out that it is not possible to predict bi-directional trade with a spatial equilibrium model, unless one imposes constraints on physical trade volumes. Furthermore, in the absence of a region which serves as transshipment point, a region will not both export and import the same product: the model solution will yield the net flow for the region. For example, in 1987, Western Europe exported 6.9 mm m^3 of coniferous sawnwood and imported 26.1 mm m^3. The model prediction for 1987 is that Western Europe will import 17.7 mm m^3.

Transshipments pose an interesting set of issues in spatial equilibrium models. Although transshipments do occur in reality, we have tried to eliminate these by developing transfer costs so that direct shipment will always be preferable to "indirect" delivery. This simplifies the interpretation of results and prevents the redundant counting of trade volumes. For example, historically Coastal B.C. imports coniferous pulpwood from Interior Canada and exports this product to Japan. By opening the trading arc from Interior Canada to Japan, trade occurs directly in the model solution.

Finally, some comment is warranted on the ability of a spatial equilibrium model to explain multi-market equilibria. There are several reasons why such equilibria -- such as the mix of coniferous logs and lumber exported from the Pacific Northwest to Japan or the mix of nonconiferous logs and plywood exported from Indonesia to Japan -- are difficult to predict. First, because of the optimization features of spatial equilibrium models, a long list of factors that cause adjustments to proceed slowly are ignored. While we explicitly model factors such as capacity expansion/contraction, we have not modeled inertia that affects trade directly. Second, our cost estimates are not sufficiently accurate to determine the appropriate mix very well. Third, because we are concerned with average prices and average products, the actual mix of traded commodities, and the influence that this mix has on trade volumes, does not influence the model solution.

9.3 Coniferous Markets

9.3.1 Overview

We begin be presenting the projections for world output (production or consumption) of coniferous products. The top two charts in Figure 9.1 show the output of coniferous sawnwood and coniferous veneer and plywood from 1980 to 2000, while charts in the lower half of the figure depict trends in coniferous sawlog and coniferous pulpwood output. In all charts, the solid vertical line designates the break between historical and projected data.

Starting from fairly high output levels in 1987, growth during the projection period is quite modest. The growth rate in coniferous sawnwood is only 0.6%/year. Even so, it significantly exceeds the coniferous plywood growth rate of 0.4%/year. Although the demand for coniferous plywood is driven by many of the same factors that drive coniferous sawnwood demand, coniferous plywood continues to lose market share to reconstituted panels over the forecast horizon.

Coniferous sawlog output increases 0.4%/year between 1987 and 2000, resulting in the production of an additional 38 mm m^3 of wood. This additional consumption is driven almost entirely be the expansion of coniferous sawnwood production (which rises 25 mm m^3): at the world level, coniferous plywood production amounted to less than 10% of coniferous sawnwood production in 1987, and its share continues to decline in the future. The rate of increase in coniferous sawlog output falls significantly short of the combined growth in sawnwood and plywood due to recovery improvements in manufacturing processes.

In contrast to coniferous lumber, plywood, and sawlog markets, coniferous pulpwood markets will exhibit rapid growth during the projection period. Our forecast shows coniferous pulpwood production increasing 2.0%/year, corresponding to a volume of 135 mm m^3 of wood. Because of the very modest rise in the availability of manufacturing residues (only 19 mm m^3), the harvest of roundwood pulpwood will increase 116 mm m^3 (2.6%/year).

9.3.2 Coniferous Sawnwood Markets

Projections of coniferous sawnwood consumption show considerable variation around the world. The exogenous demand curve shifts are based on a variety of earlier regional studies (such as the analysis of U.S. demand by the U.S. Forest Service, and European demand by the Timber Committee of the UN Economic Commission for Europe/FAO European Forestry Commission), as well as our own analysis in many regions of the world. Although demand curve shifts are rapid for some small consumers of coniferous sawnwood (for example, South Korea increases 3.2%/year), the largest increases among the major endogenous regions are 1.2%/year in Western Europe and 1.1%/year in the U.S. West. The largest reductions in demand occur in Japan (-1.3%/year) and the U.S. North (-0.6%/year). For exogenous regions, our projections of coniferous sawnwood consumption include relatively rapid growth in China (2.4%/year) and the Middle East (2.3%/year).

Figure 9.2 depicts consumption trends for several of the key consuming regions of the world, which together accounted for approximately 2/3's of world consumption in 1987. A large share of the increase in world consumption occurs in Western Europe (+9.5 mm m^3), China (+6.6 mm m^3), and the U.S. West (+3.7 mm m^3). Several regions show gains of about 2 mm m^3, including Canada, Brazil, India, Middle East, Eastern USSR, and North Africa. Large decreases may be observed in the Western USSR (-7.0 mm m^3), Japan (-4.1 mm m^3), and U.S. North (-2.1 mm m^3).[2]

Regional coniferous sawnwood production is plotted in Figure 9.3. For the North American regions, there is clear evidence of increased production in all regions except the Pacific Northwest Westside. The U.S. produces an additional 7 mm m^3 of coniferous sawnwood between 1987 and 2000,

2. While the large consumption decreases in Japan and the U.S. North critically affect the model solution, the large decline in the Western USSR is actually of little consequence to the results. Because both consumption and production must be specified for the Western USSR, the analyst directly controls the level of lumber trade. Our projection shows a very small decrease (-0.4 mm m^3) in lumber exports. The large consumption decrease in the Western USSR would significantly affect the projections only if it differed markedly from the production forecast.

with major increases in the U.S. South (+5.3 mm m^3), Inland region (+2.0 mm m^3), and U.S. North (+1.6 mm m^3). These increases offset the decline on the Westside (-1.7 mm m^3), satisfy the increased level of consumption in U.S. markets, and, most importantly, displace sawnwood imports from Canadian producers.

Production also expands in Canada, almost entirely in the East and Interior. The large increase in softwood lumber availability -- the combination of increased production and loss of share in the U.S. – is destined for markets in Western Europe. There are two sources of increased demand in Western Europe: large gains in consumption levels, and reduced supply from Sweden. Due to the high price of pulpwood in Sweden, a large volume of sawtimber is downgraded to pulpwood leading to corresponding reductions in softwood lumber production and exports.

Coniferous sawnwood production in Japan and China are almost equivalent in 2000. Reductions in Japan and increases in China essentially mirror the changes in consumption levels. The principal impacts of these shifts are felt in sawlog markets.

Among the smaller consumers of sawnwood, the trends are mixed. Brazil, India, and the Eastern USSR increase their production of lumber and logs to meet their higher consumption levels. The Middle East imports higher volumes of lumber and logs, while North Africa increases its imports of lumber only.

Price trends for coniferous sawnwood are stable in most regions. However, the average prices shown in Appendix A decline between 1987 and the early 1990s, largely due to the influence of Japan. Because of high profit margins in 1987, capacity expansion in Japan causes profit levels to dissipate by the early 1990s. This type of behavior is expected in a simulation which reflects a trend forecast, but commences in a boom period of a cyclical economy.

9.3.3 Coniferous Plywood Markets

Trends in coniferous plywood markets are quite simple to analyze because of their heavy concentration in the U.S. Figure 9.4 shows both consumption and production trends in key U.S. regions.

Consumption in the U.S. South and U.S. North is projected to decline due to the combination of slow growth in end-use markets and substitution by reconstituted structural panels. We show modest growth in the U.S. West due to the more rapid expansion of end-use markets. On the production side, the U.S. South continues to increase its market share at the expense of the Pacific Northwest Westside, although most of the shift occurs early in the projection period.

9.3.4 Coniferous Sawlog Markets

Coniferous sawlog consumption mirrors the trends shown in coniferous sawnwood production (Figure 9.3) and coniferous plywood production (Figure 9.4). However coniferous sawlog production may exhibit very different patterns because of the influence of sawlog trade.

Regional sawlog production trends are shown in Figure 9.5 (U.S. regions) and Figure 9.6 (other major regions). The U.S. regions are shown separately to depict the shifting mix of private and public timber harvests in the western regions. Our projections for public lands assume that sales levels in the Pacific Northwest Westside will decline 15% between 1987 and 1991, decline 10% in the Pacific Northwest Eastside, and increase 5% in the Inland region. The particularly sharp reductions in public harvest between 1987 and 1989 reflect the fact that the uncut volume under contract in these regions is currently quite low relative to historical levels: harvests decrease to induce some rebuilding of these timber "inventories" so that they return to levels that are more consistent with historical rates. Private sawtimber production declines in the Pacific Northwest Westside reflecting the continued reduction of mature timber stands in this ownership group. However, private sawtimber harvests in the Pacific Northwest Eastside and Inland region rebound due to higher stumpage prices and only minor declines in the available timber inventory. In the U.S. South, sawlog production continues to rise through the early 1990s, but the rate of increase slows significantly. By 2000, production begins to show a slight decrease due to declining timber inventories.

Coniferous sawlog production levels for the Canadian regions are shown in Figure 9.6. Coastal B.C. exhibits a slight decline even though lumber production increases: there is some improvement in sawmill recovery and log exports decline over the next 13 years. Japanese sawlog production increases about 3 mm m^3 by 2000 due to the increased availability of plantation timber. The large production increases in Chile and New Zealand result from the maturing of extensive radiata pine plantations in these regions.[3]

Total sawlog trade is projected to increase between 1987 and 2000. The important regional trends in sawlog exports and imports are depicted in Figure 9.7. The significant decline in Japanese log imports is caused by decreasing domestic lumber production (and consumption) coupled with an increase in the domestic harvest. However this reduction is more than offset by the projected expansion in sawlog imports by China: the projected increase in Chinese sawlog harvest still falls far short of the requirements for domestic lumber production.

We project only a very minor increase in coniferous sawlog exports from Eastern USSR. Increases in log exports from Chile and New Zealand are dramatic, however, and displace Pacific

---

3. Although the availability of timber in these regions is expected to increase fairly gradually over the forecast horizon, there is a pronounced drop in sawlog production in Chile in 1992 and 1993. This is caused by expanded pulp capacity that uses "sawlogs" for raw material furnish in these years.

Northwest Westside logs in Asian markets. Because of the continuation of relatively high levels of lumber and plywood production on the Westside, this region is unable to sustain its historical log export levels.

Real sawlog and stumpage prices are plotted for U.S. regions in Figure 9.8. All prices increase from 1987 levels, but the rates of increase differ among regions. The most rapid stumpage price inflation occurs in the Inland region (3.8%/year), followed by the South (3.1%/year), the Eastside (1.2%/year), and the Westside (0.9%/year). The timing of the increases also differs among regions. Most of the inflation in the Pacific Northwest occurs early in the projection period, whereas increases in the South and Inland regions are sustained through 2000. Annual sawlog price inflation rates are: Inland region, 1.3%; South, 2.2%; Eastside, 0.6%; and Westside, 0.5%.

9.3.5 Coniferous Pulpwood Markets

Although we do not attempt to describe the details of coniferous pulpwood markets in the text, there are a few conclusions that should be highlighted. The slow growth in solid wood markets coupled with the rapid increase in pulp production results in a substantial increase in roundwood pulpwood demand. This, in turn, causes significant increases in pulpwood prices around the world and leads to some interesting developments.

First, pulpwood supplies become increasingly scarce in the Pacific Northwest Westside and Coastal B.C. regions. Not only do both regions increase their roundwood harvests, but they also cease exporting pulpwood and import significant volumes of pulpwood from Interior Canada. Second, Japan imports increased volumes of coniferous pulpwood, though the increase is limited by high pulpwood costs. Because of the scarcity of chips available in the Pacific Northwest and Coastal B.C., Japan also is forced to rely on chips from Interior Canada. In the BASE CASE projection, Interior Canada is able to meet this increased demand for two reasons: 1) its own pulp expansion is based primarily on hardwood furnish; 2) a large volume of sawlogs are downgraded to pulp logs because of the slow growth in lumber production. Third, there is a large reduction in pulpwood exports from the Western USSR and Eastern Europe. Sweden -- the previous recipient of a large share of this wood -- is forced to utilize a significant volume of sawlogs to meet its fiber requirements (resulting in reduced lumber exports). Finally, simulations of the CGTM show a fair amount of uncertainty about using plantation timber from Chile and New Zealand as sawlogs or pulpwood. In our BASE CASE, downgrading of sawlogs to pulpwood occurs in both regions in the mid-1990s. By 2000, the combined increase in coniferous pulpwood exports from these regions is 2 mm m^3 (which is destined for Japan).

9.4 Nonconiferous Markets

9.4.1 Overview

Historical and forecast data for world output of nonconiferous products are shown in Figure 9.9. Growth rates for nonconiferous products tend to be much more rapid than for coniferous products. Nonconiferous sawnwood output increases 1.7%/year between 1987 and 2000 (compared to 0.6%/year for coniferous sawnwood). Nonconiferous veneer and plywood registers an increase of 1.0%/year (compared to 0.4%/year for coniferous veneer and plywood). In spite of the smaller output base (1987 world production of nonconiferous sawnwood is only 126.1 mm m^3 compared to coniferous production of 335.3 mm m^3), much faster growth rates in the nonconiferous sector imply that the absolute increase in output volumes will be greater for nonconiferous solid wood products. For sawnwood, nonconiferous output increases 30 mm m^3 which far exceeds the 25 mm m^3 gain in coniferous output.

It follows that the output of nonconiferous sawlogs will increase more rapidly than we observe for coniferous sawlogs. Nonconiferous sawlog output is projected to rise at 1.4%/year during the projection period. This implies that the harvest of nonconiferous sawlogs will increase by 62 mm m^3, from 306 mm m^3 in 1987 to 368 mm m^3 in 2000.

As with coniferous markets, the most rapid growth is projected to occur in the pulpwood sector. Our forecast shows nonconiferous pulpwood production increasing 3.5%/year. This growth rate far exceeds that of coniferous pulpwood (2.0%/year) as the mix of pulp processes adjusts to utilize more lower-cost hardwood furnish. Since the share of residues in the nonconiferous furnish is fairly small, 89 mm m^3 of the 95 mm m^3 increase must be provided in roundwood form.

9.4.2 Nonconiferous Sawnwood Markets

Projections of nonconiferous sawnwood consumption are shown for selected regions of the world in Figure 9.10. There are perhaps two major differences between these regional forecasts and those for coniferous sawnwood: 1) growth rates in the Eastern U.S. are relatively high; and, 2) there are significant consumption increases in the traditional Southeast Asian exporting regions, that is, Indonesia and Malaysia. Among the key endogenous regions, we observe substantial increases in Western Europe (+5.3 mm m^3), U.S. South (+2.6 mm m^3), U.S. North (+2.5 mm m^3), Indonesia (+2.5 mm m^3), and West Malaysia and Singapore (+2.4 mm m^3). There also are significant increases in the following exogenous regions: India (+4.9 mm m^3), China (+1.7 mm m^3), Brazil (+1.6 mm m^3), Western USSR (+1.4 mm m^3), Middle East (+0.9 mm m^3), and West Africa (+0.6 mm m^3). Very few regions show decreases in nonconiferous sawnwood consumption, and where these occur, they tend to be negligible.

Regional production trends are depicted in Figure 9.11. Our BASE CASE results suggest a significant change in nonconiferous sawnwood distribution patterns: U.S. regions assume a major role as world suppliers and Southeast Asian regions lose their dominant export position.[4] U.S. production increases by nearly 10 mm m^3 between 1987 and 2000. All regions share in the expansion as the U.S. North rises 5.0 mm m^3, U.S. South increases 3.9 mm m^3, and Pacific Northwest Westside increases 0.8 mm m^3. After providing for increased consumption in the U.S., the remaining 4.5 mm m^3 of sawnwood is exported. Most of this lumber is destined for markets in Western Europe and the Middle East, with only a small share being shipped to the Pacific Rim.

Production increases in Western Europe by 2.3 mm m^3, but the more rapid increase in consumption leads to much higher levels of net imports. Production in Brazil also increases by 2.3 mm m^3, outstripping the projected increase in consumption and leading to higher exports to Western Europe.

Indonesia and Malaysia show relatively stable nonconiferous sawnwood production levels between 1987 and 2000. In the face of significant consumption increases in these regions, exports from these regions fall dramatically. In some of the traditional destinations, the reduction in sawnwood imports is met by higher production levels. Taiwan-Hong Kong increases production by 1.7 mm m^3, South Korea by 1.0 mm m^3, and Japan by 0.9 mm m^3.[5]

In several of the exogenous regions, production increases essentially match the increases in consumption and thus have no impact on nonconiferous sawnwood trade patterns. Regions in this group include India, China, Western USSR, and West Africa. Finally, we also project a decrease in nonconiferous sawnwood production (and consumption) in Australia, but the magnitude of the change is negligible relative to the world market.

9.4.3 Nonconiferous Plywood Markets

As with coniferous plywood markets, nonconiferous markets are relatively easy to analyze because of their high degree of concentration. Key regional consumption and production trends are shown in Figure 9.12.

---

4. This conclusion turns on the important issue of substitution between temperate and tropical hardwood species. In the current version of the PRA model, these species are assumed to be perfect substitutes and this leads to the rising market share of U.S. regions.
5. The ability of these regions to increase production by these amounts depends partly on their ability to increase nonconiferous log imports. This example points out the difficulty in modeling multi-market equilibrium. There is certainly some question whether these regions will have the option of expanding their imports of logs relative to finished products.

In 1987, Japan alone accounted for 35% of world nonconiferous plywood consumption. However, because of declining housing construction in Japan, we project that consumption will fall 1.2 mm m^3 by 2000, when Japan will account for only 27% of world consumption. Consumption is projected to increase in virtually all other regions. Although the growth rates are relatively high in some cases, the absolute increases tend to be quite small because of the low level of 1987 consumption. The net increase in world consumption is forecast to be 3.8 mm m^3.

Indonesian plywood production has risen sharply following the phasing out of log exports since 1980. In 1987, Indonesian plywood production almost equalled that of Japan and together the two countries accounted for 55% of world production. Although Japanese production is forecast to be stable during the projection period, Indonesian production will continue to rise (see Figure 9.12). The combined production share of the two countries remains at 55% in 2000. Other increases to be noted occur in the U.S. South, U.S. North, and Western USSR. The projection also shows a rapid decline in nonconiferous plywood production in South Korea.

Indonesian plywood is projected to become even more dominant in international markets over the forecast horizon. Indonesia's share of world exports rises from 58% in 1987 to 76% in 2000.

9.4.4 Nonconiferous Sawlog Markets

Figure 9.13 presents trends in nonconiferous sawlog production between 1980 and 2000. Production increases are substantial in the U.S. regions (the combined harvest rises 19 mm m^3) and mirror the large increases in hardwood lumber production. The eastern U.S. has enormous inventories of hardwood sawtimber, and the excess of growth over cut leads to further inventory accumulation. However, questions concerning the quality and availability of sawtimber continue to make such optimistic production forecasts quite uncertain.

Hardwood sawtimber production increases about 4 mm m^3 in Indonesia, Brazil, and China. The expansion in Indonesia is of principal concern because it is used to fuel further growth in plywood production and exports. Some of the increase in Brazil is used to produce nonconiferous sawnwood for export, but the majority of the increase is used for domestic purposes. All of the additional harvest in China is manufactured into products for domestic consumption.

Western Europe increases its production of nonconiferous sawlogs by 6 mm m^3. While part of this timber is used for expanded sawnwood production, a significant portion is used to offset the decline in log imports from West Africa. While the harvest in West Africa remains virtually stable between 1987 and 2000, an increasing percentage is used within the region.

There are no major changes in harvest levels in East Malaysia or West Malaysia. While it appears that timber supply will be a problem in some areas of Malaysia during the next 13 years, rising prices keep production at the high levels of recent years.

Trends in nonconiferous sawlog trade in the Pacific Rim are depicted in Figure 9.14. Major exporters and importers retain their current positions with East Malaysia accounting for the majority of world exports, and Japan continuing as the primary recipient. There is a small increase in exports from Papua New Guinea so that it surpasses West Africa and becomes the second largest exporter by 2000.

Figure 9.15 shows the paths of real sawlog prices for some of the world's major producing regions. The highest inflation rates are in the U.S. South (4.5%/year) and U.S. North (3.5%/year). Inflation in the Southeast Asian regions is lower, but still quite significant. Real hardwood sawlog prices rise by 2.6%/year in West Malaysia, 2.0%/year in Indonesia, and 1.7%/year in East Malaysia.

9.4.5 Nonconiferous Pulpwood Markets

The combination of rapid growth in pulp production and an increase in the hardwood share of fiber furnish leads to a substantial increase in nonconiferous roundwood pulpwood production in most regions of the world. Over 2/3's of the increase in absolute volume between 1987 and 2000 occurs in only four regions: the U.S. South harvests an additional 27 mm m^3; Brazil, 13 mm m^3; Western Europe, 11 mm m^3; and, Interior Canada, 10 mm m^3.

The most noteworthy development in international hardwood pulpwood trade is that the U.S. South replaces Australia as the world's largest exporter of hardwood chips. Although Australia's harvest level remains stable, chip exports are projected to decline by about 1 mm m^3 by 2000 (a 25% reduction). The U.S. South exports 4.3 mm m^3 of hardwood chips in 2000, compared to Australia's exports of 3.6 mm m^3. The Pacific Northwest Westside and Western Europe join the U.S. South to meet the rising demand for hardwood pulpwood imports in Japan and Finland.

Figure 9.1 World output - coniferous products (mm cum)

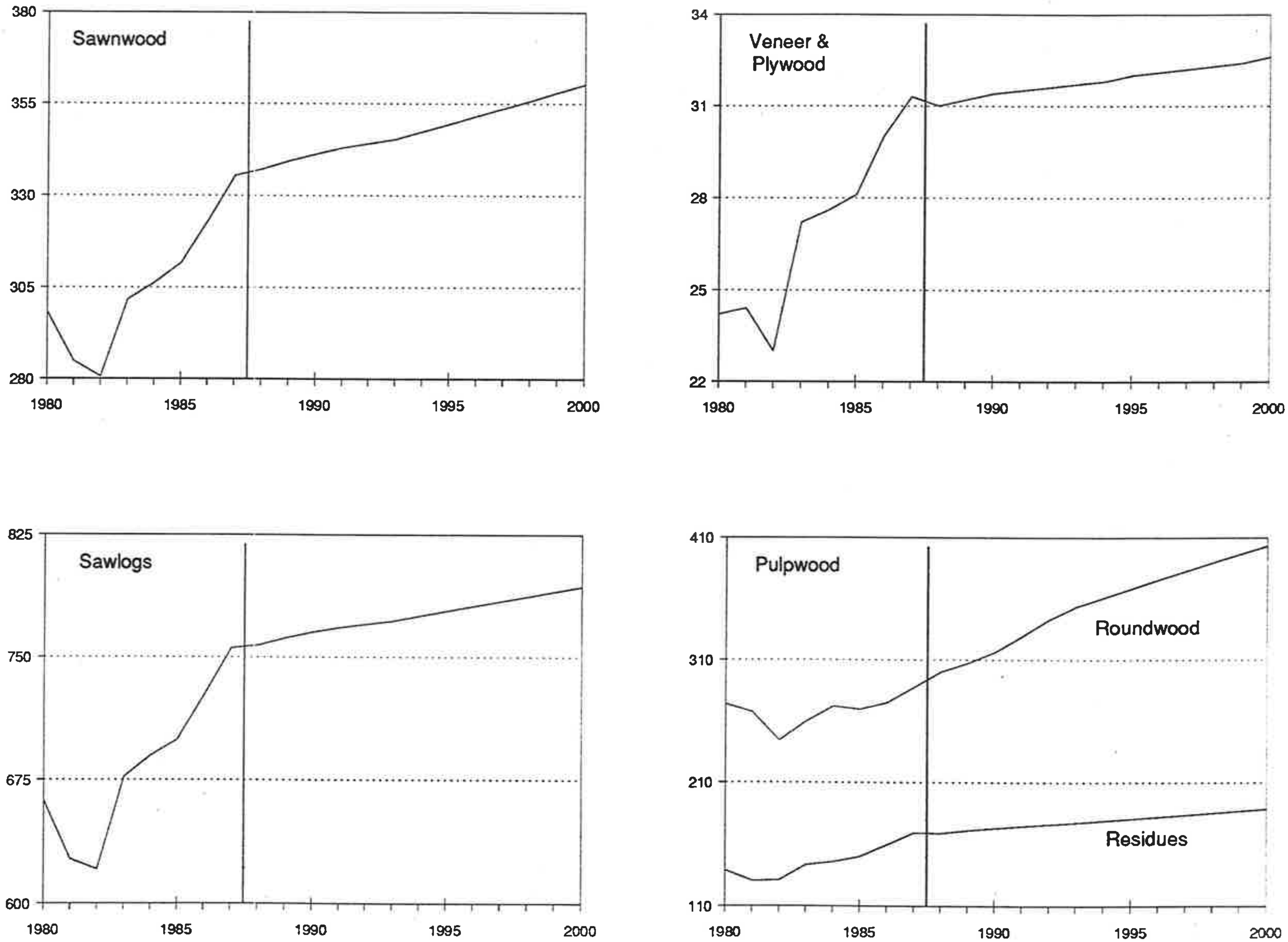


Figure 9.2 Coniferous sawnwood consumption (mm cum)

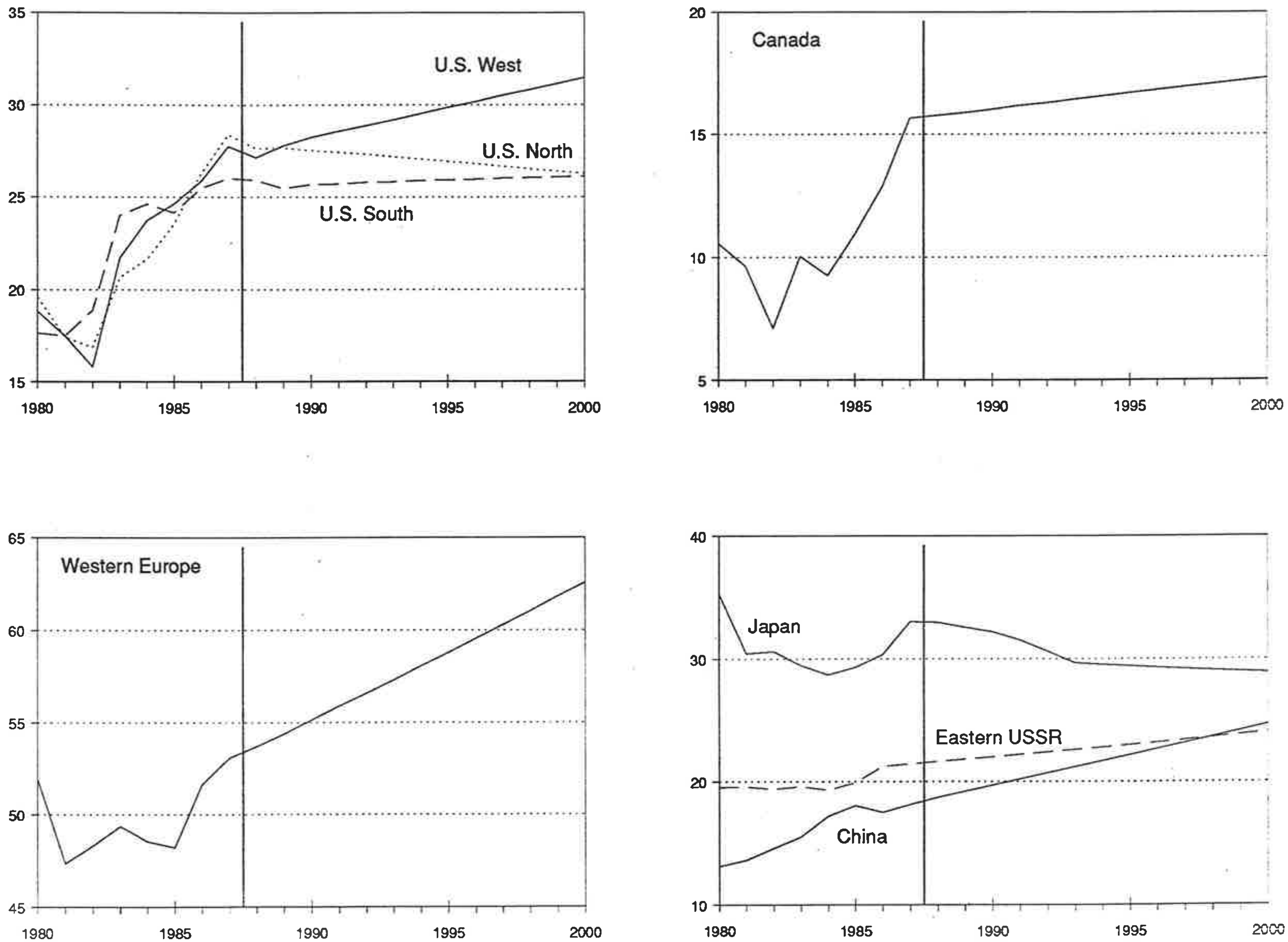


Figure 9.3 Coniferous sawnwood production (mm cum)

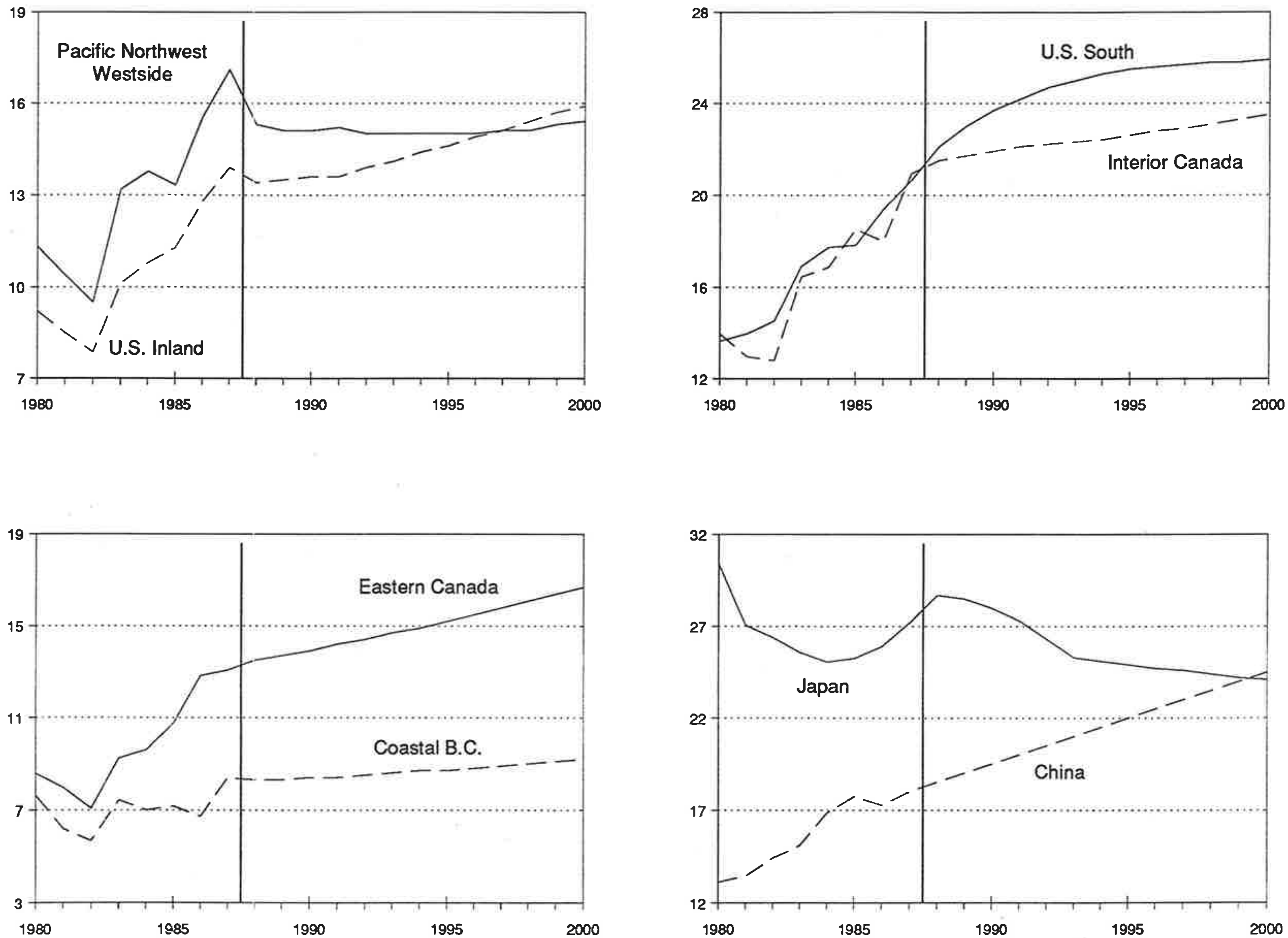
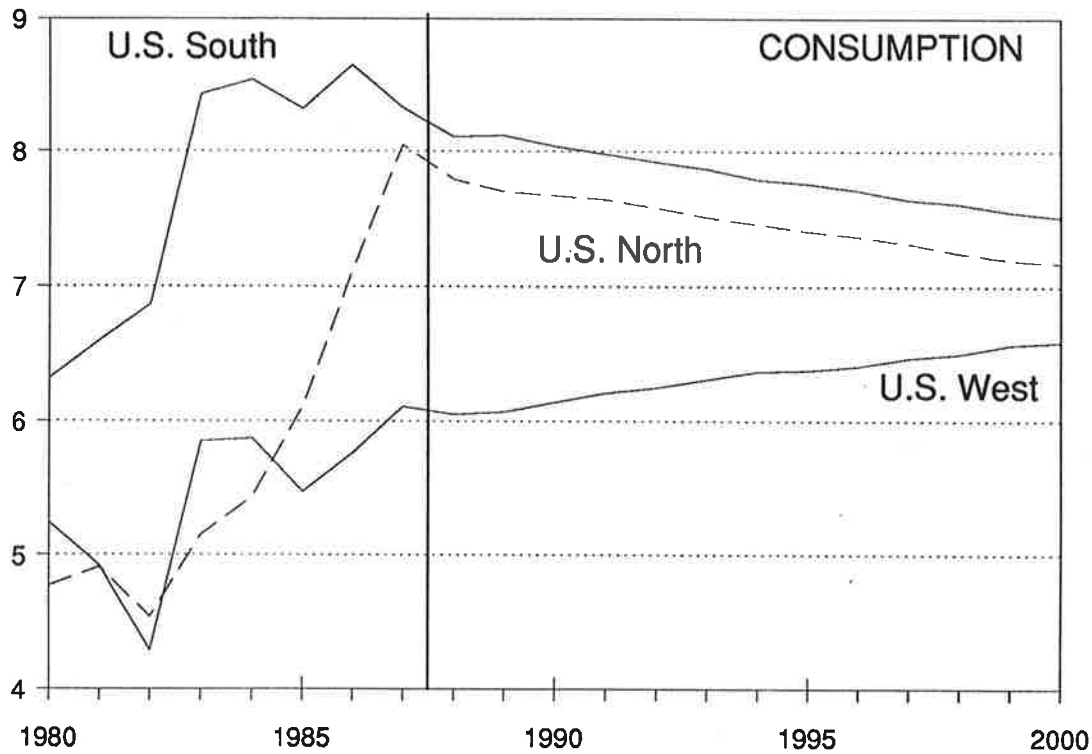


Figure 9.4 Coniferous plywood (mm cum)



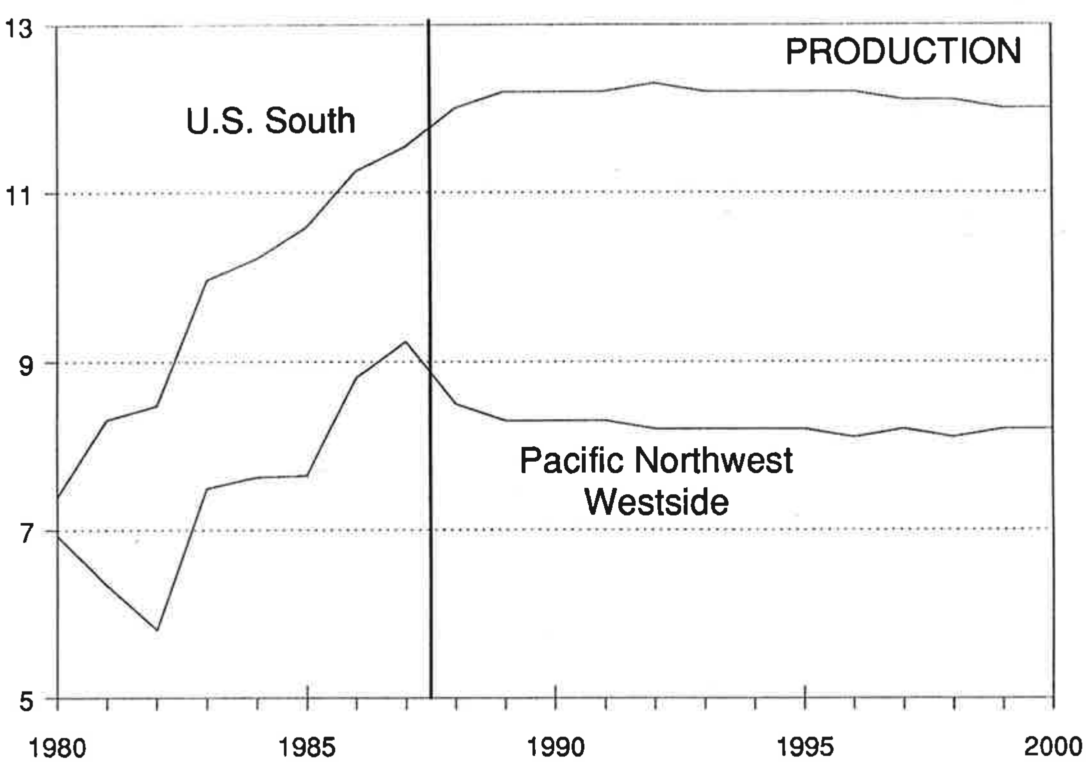


Figure 9.5 Coniferous sawlog production, U.S. (mm cum)

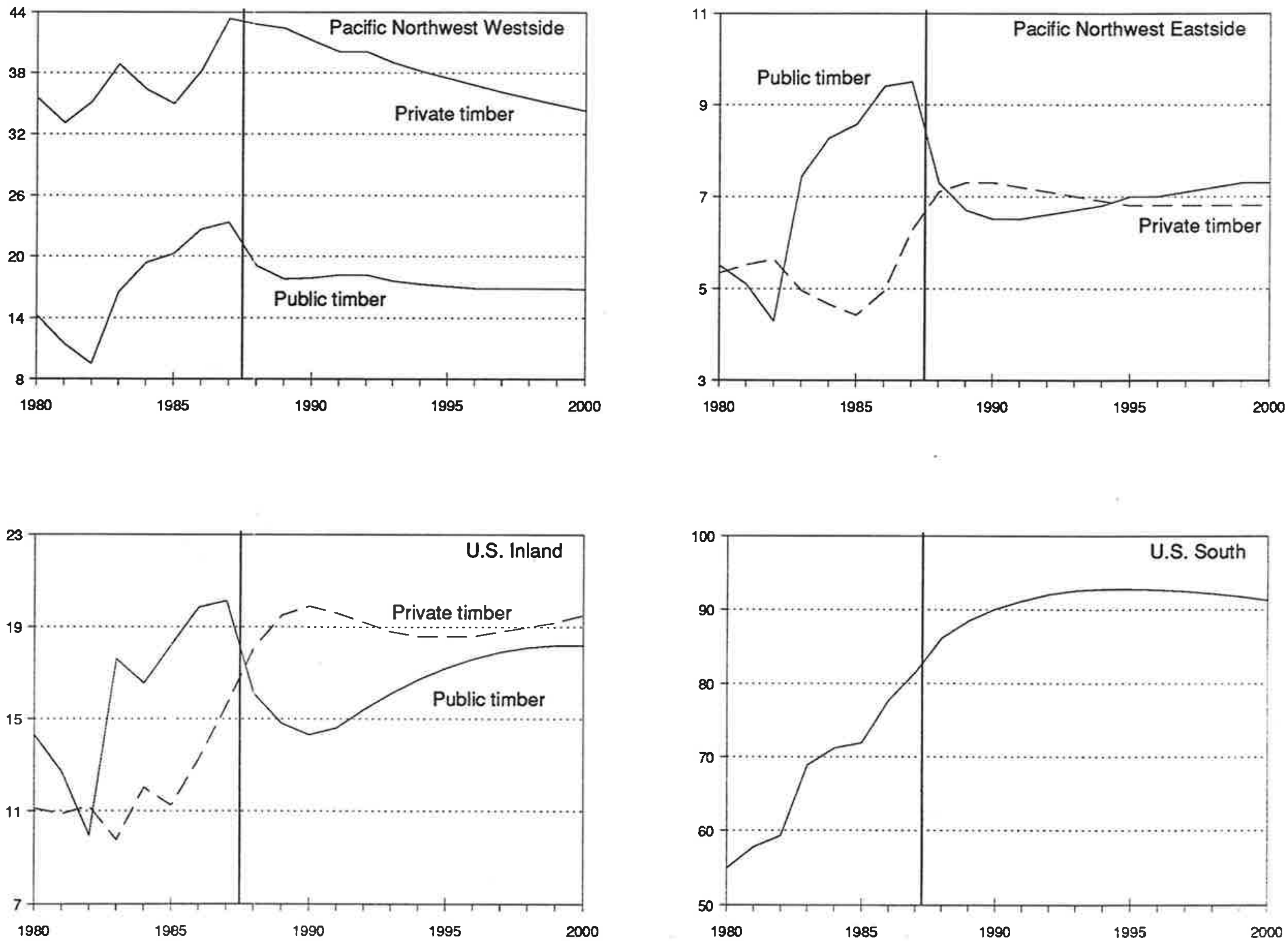


Figure 9.6 Coniferous sawlog production (mm cum)

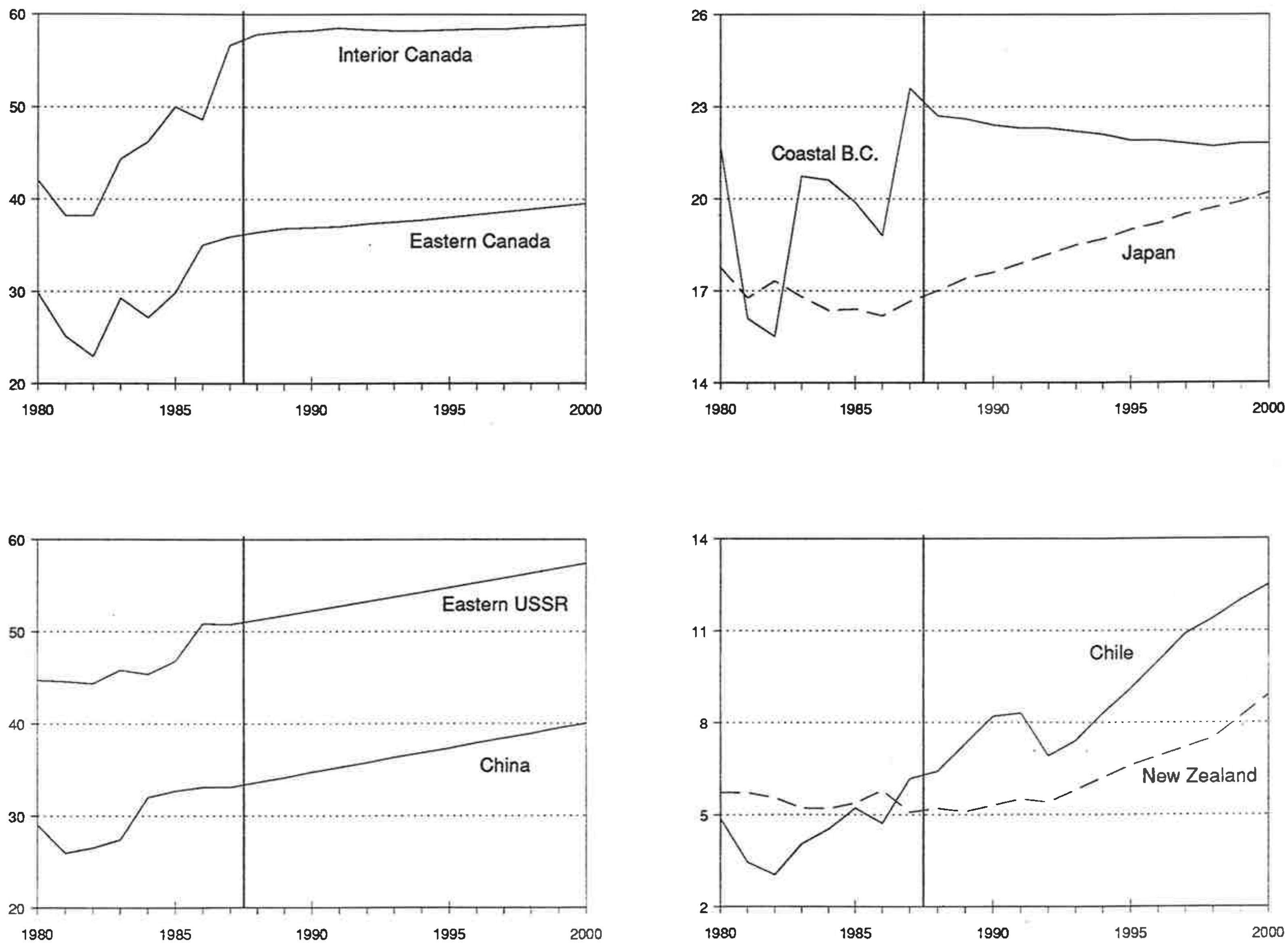
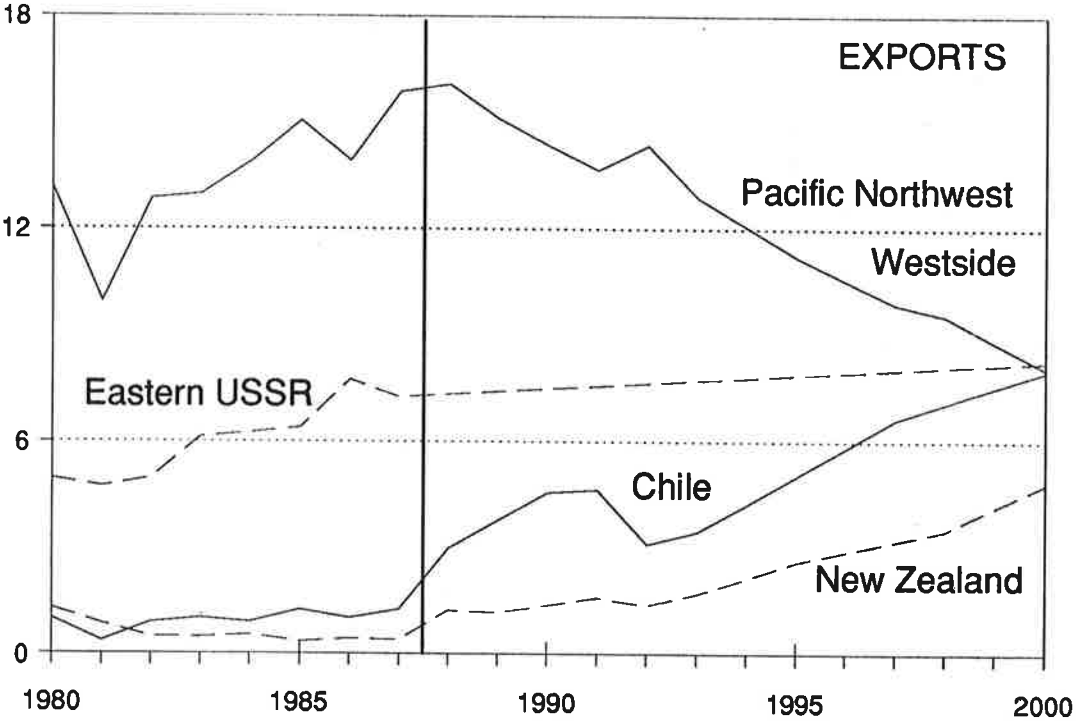


Figure 9.7 Coniferous sawlog trade (mm cum)



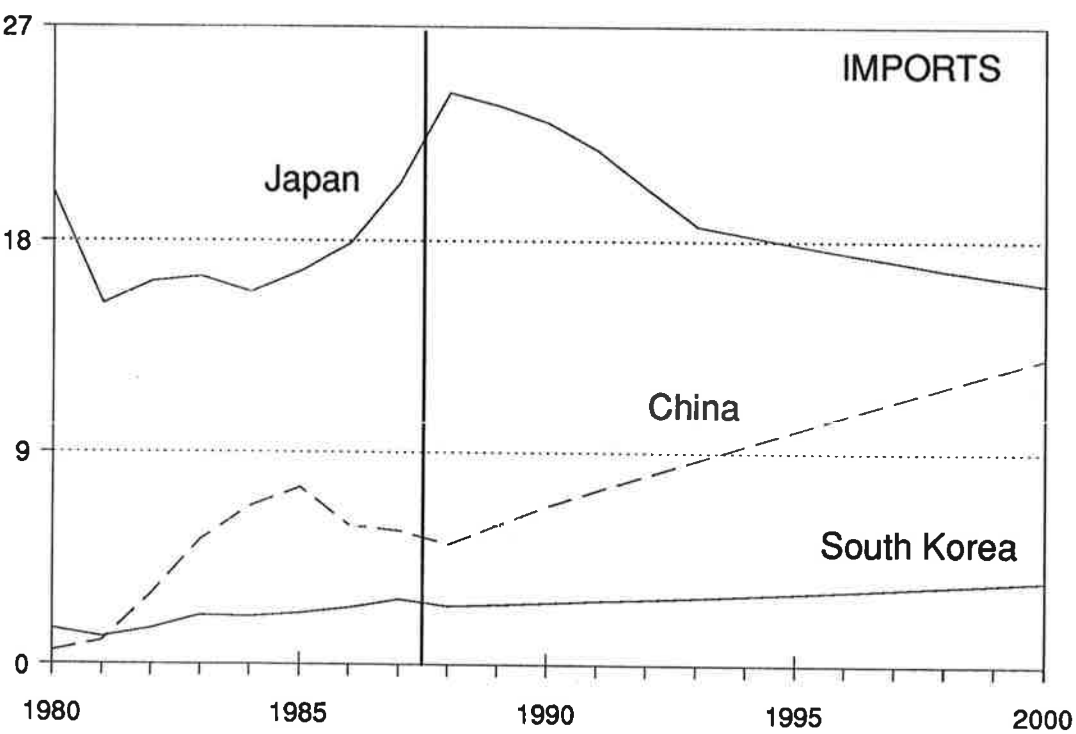
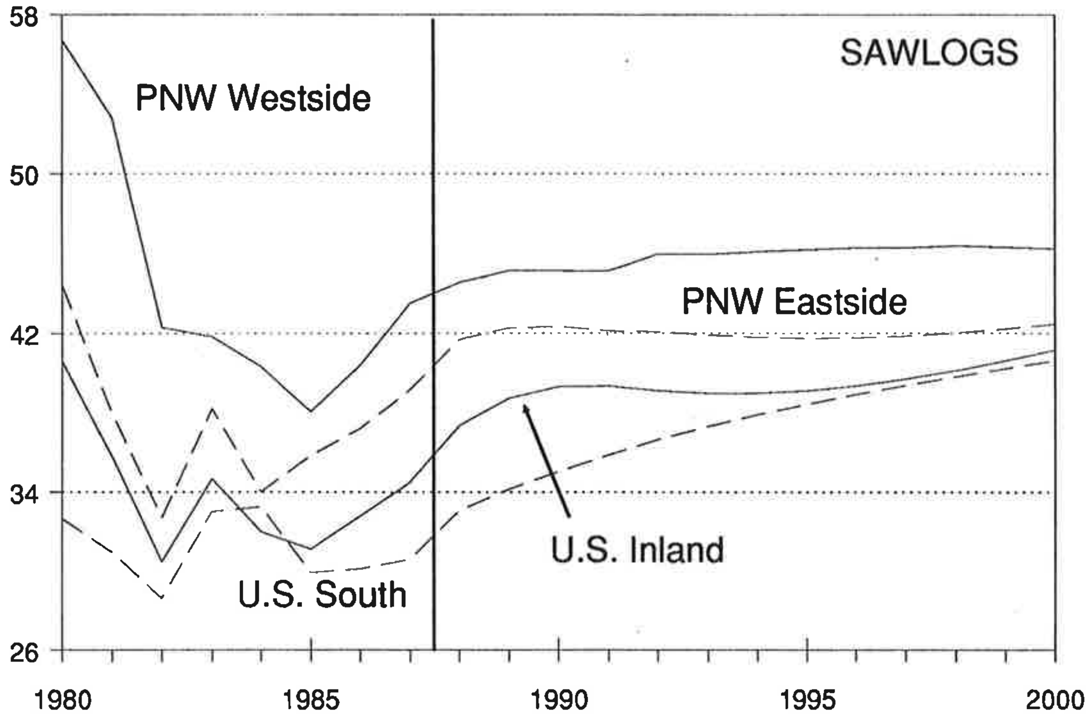


Figure 9.8 Coniferous sawtimber prices, U.S. (1980 USD/cum)



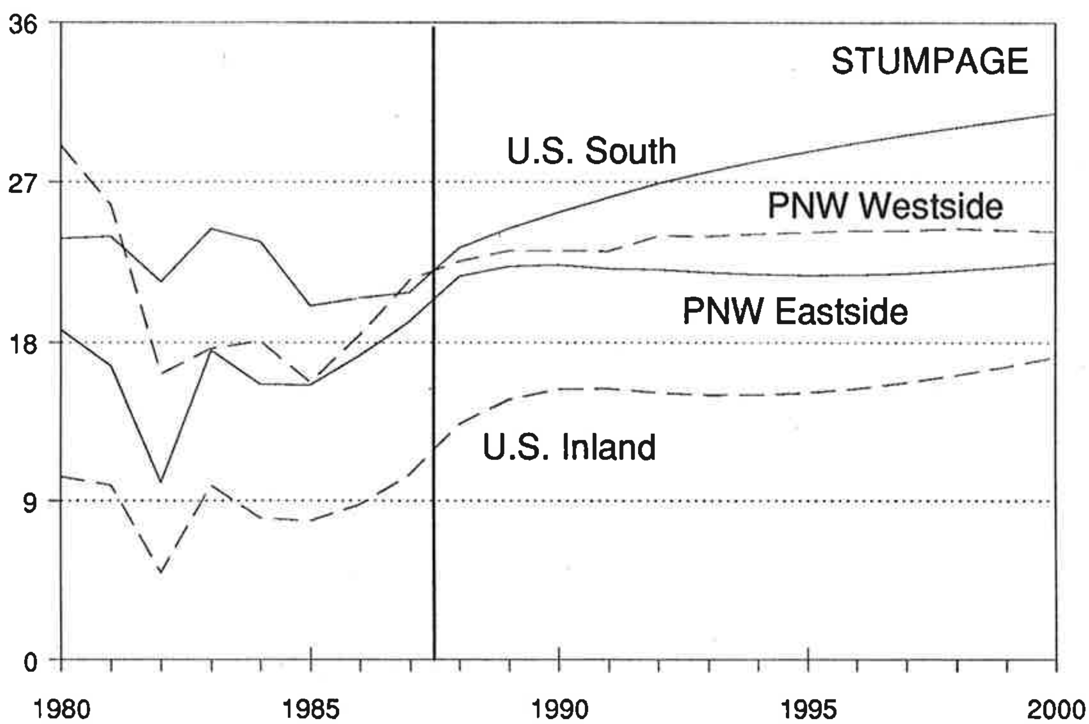


Figure 9.9 World output - nonconiferous products (mm cum)

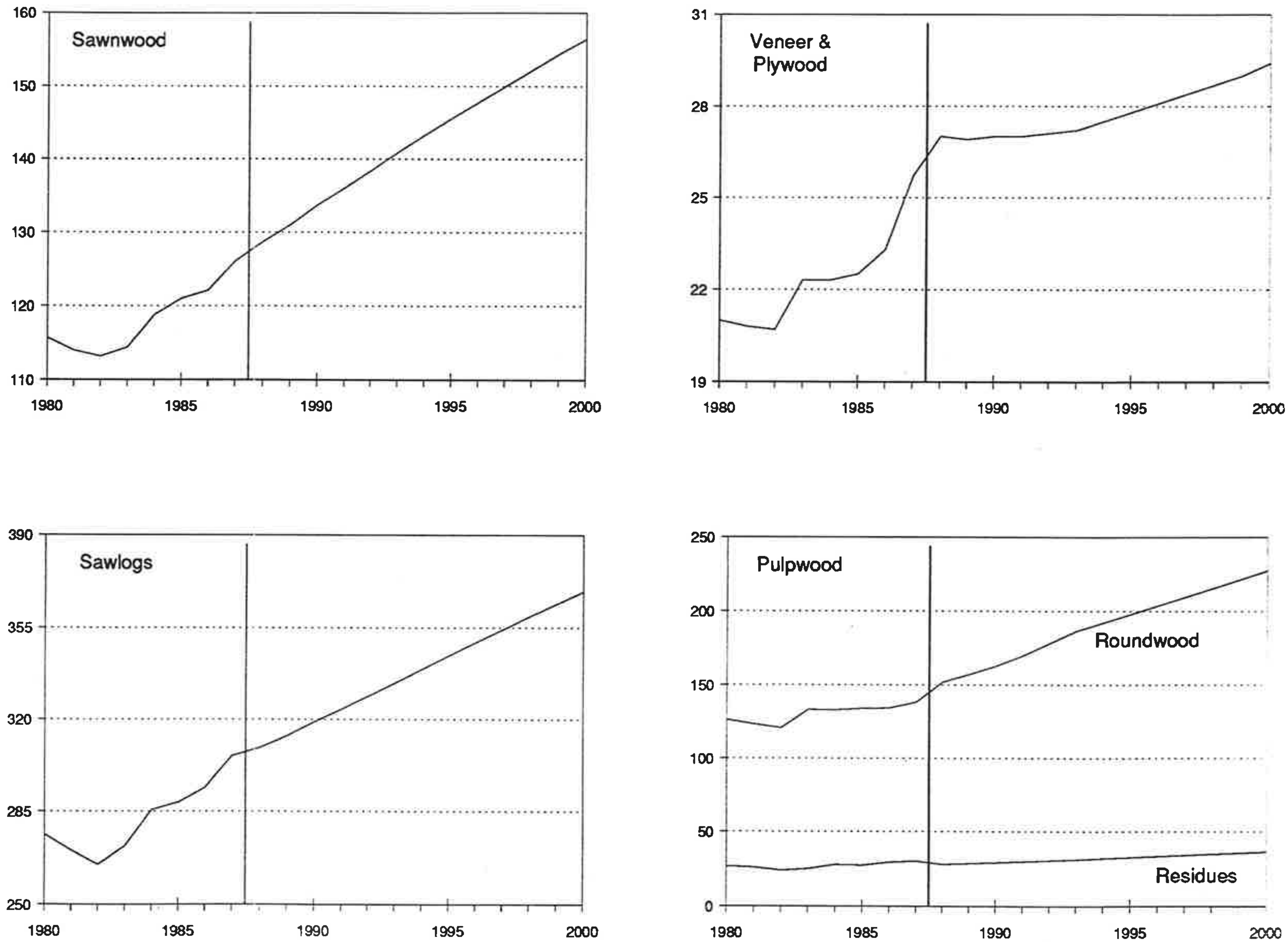


Figure 9.10 Nonconiferous sawnwood consumption (mm cum)

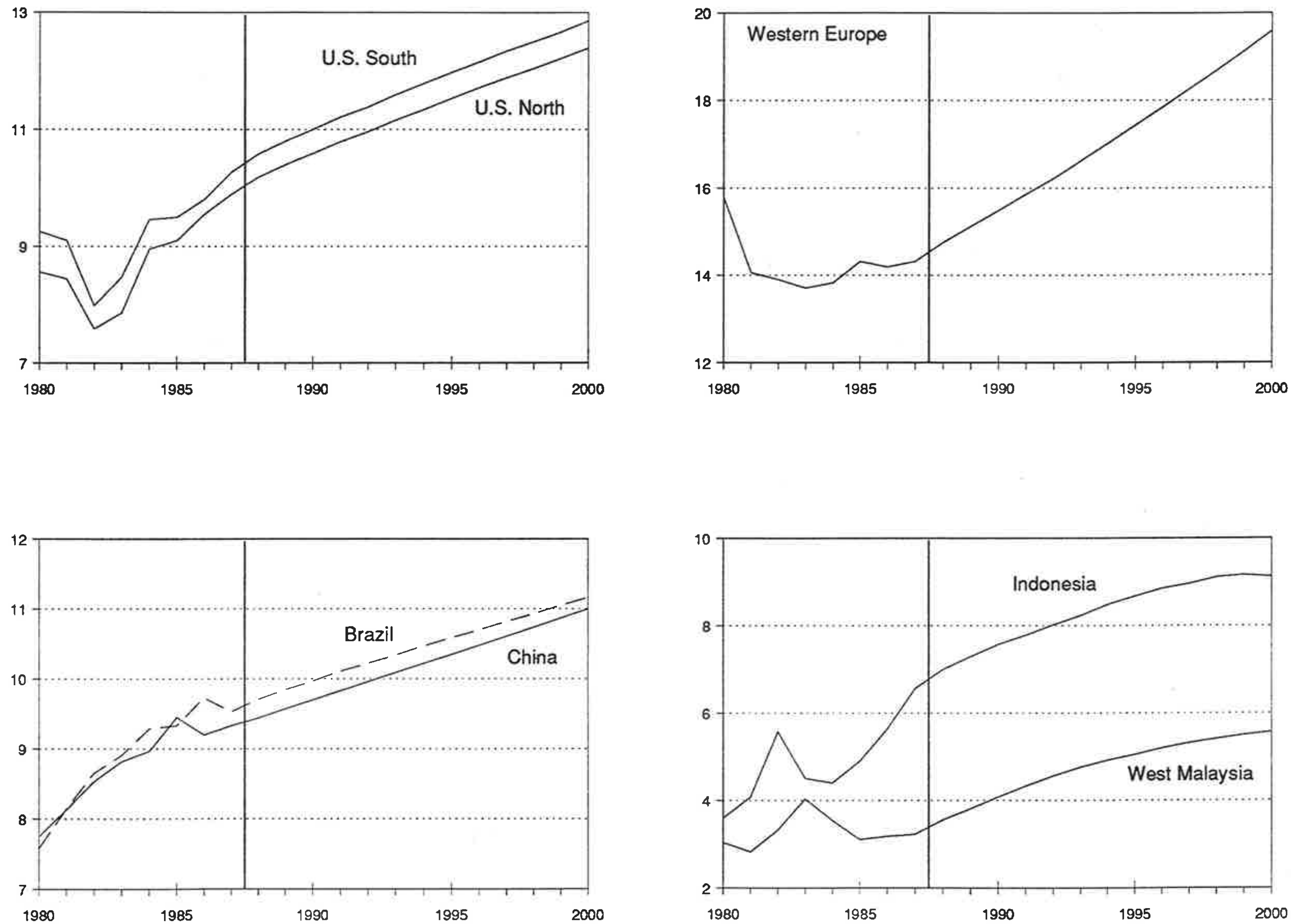


Figure 9.11 Nonconiferous sawnwood production (mm cum)

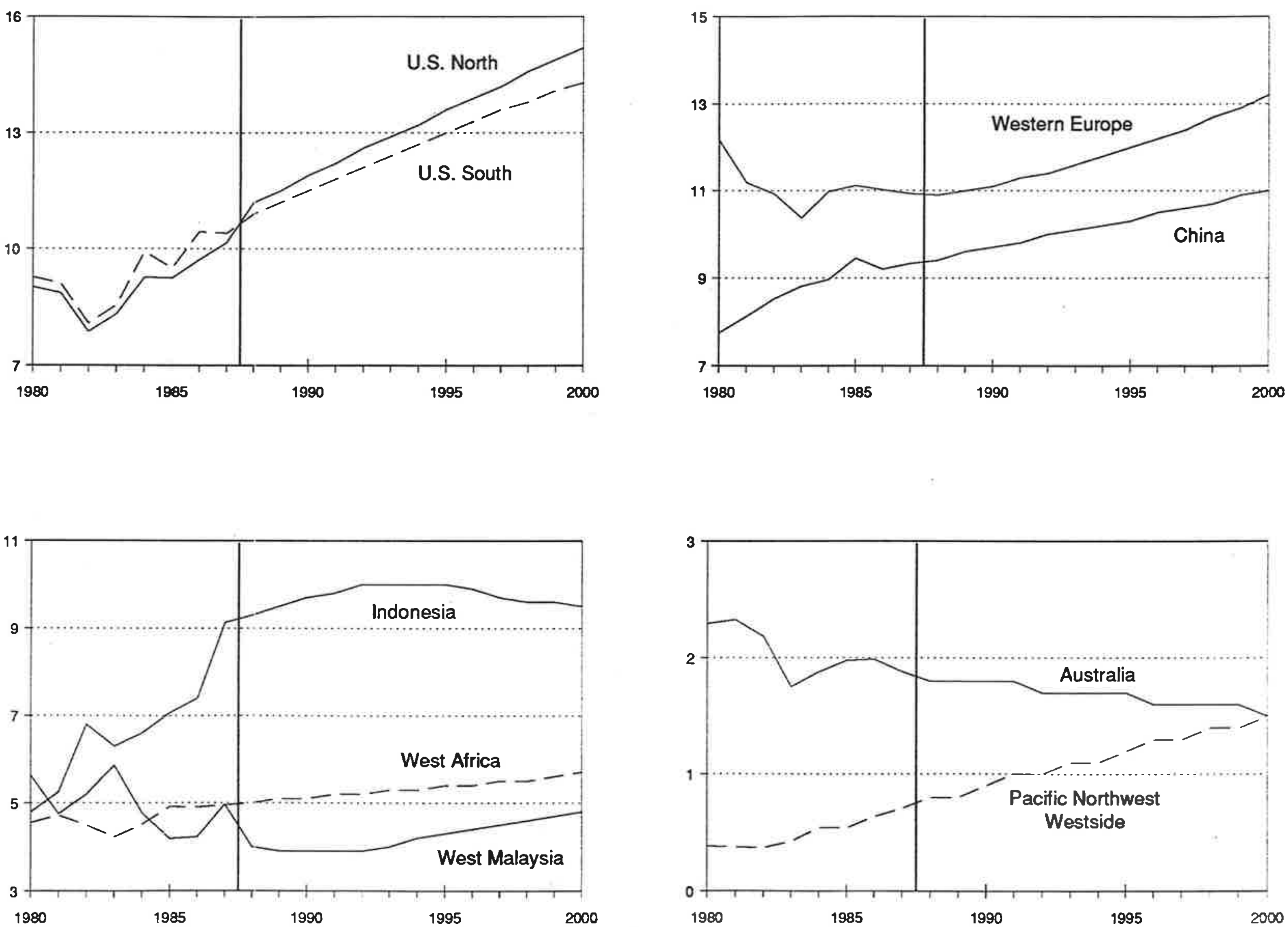


Figure 9.12 Nonconiferous plywood cons. & prod. (mm cum)

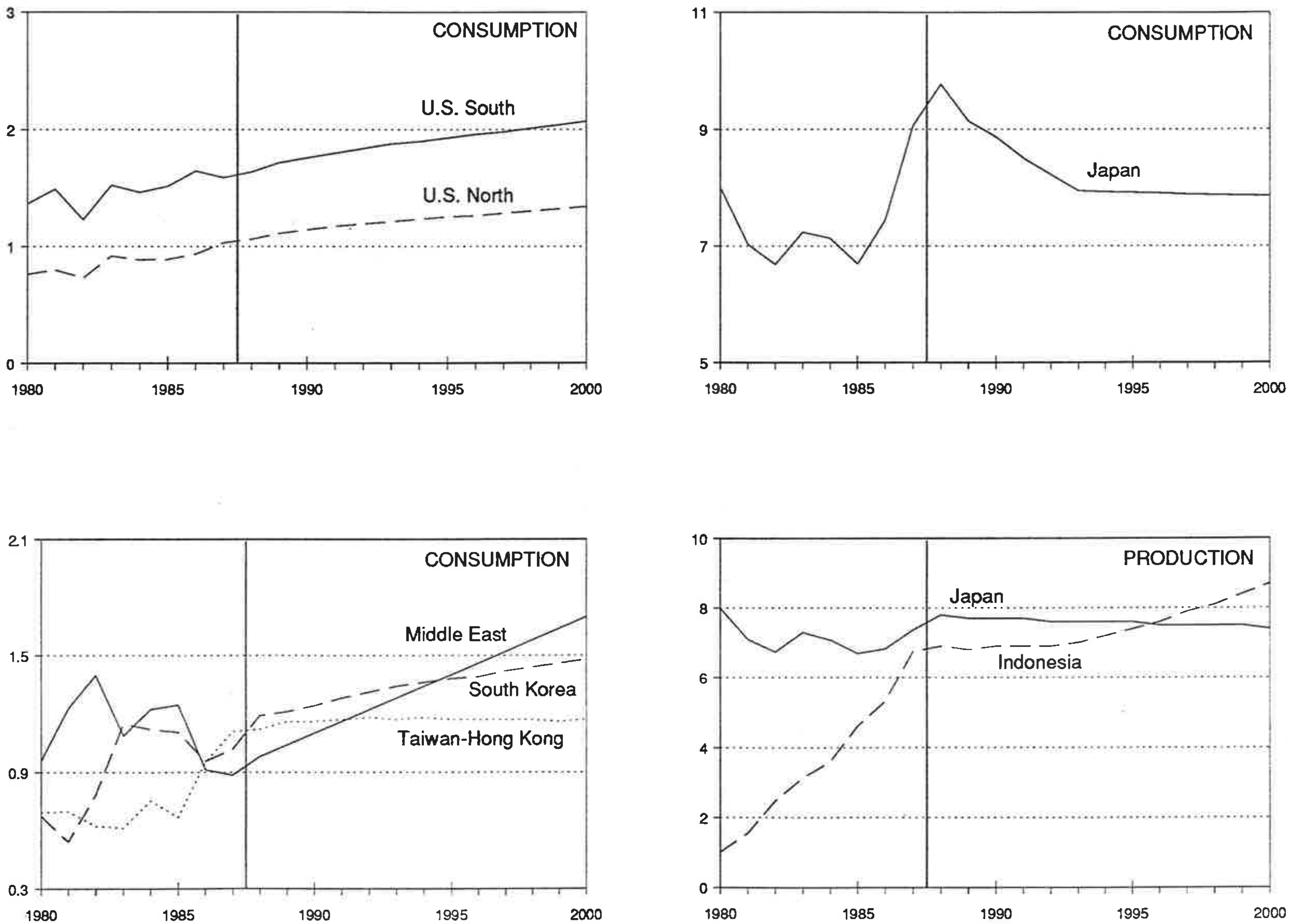


Figure 9.13 Nonconiferous sawlog production (mm cum)

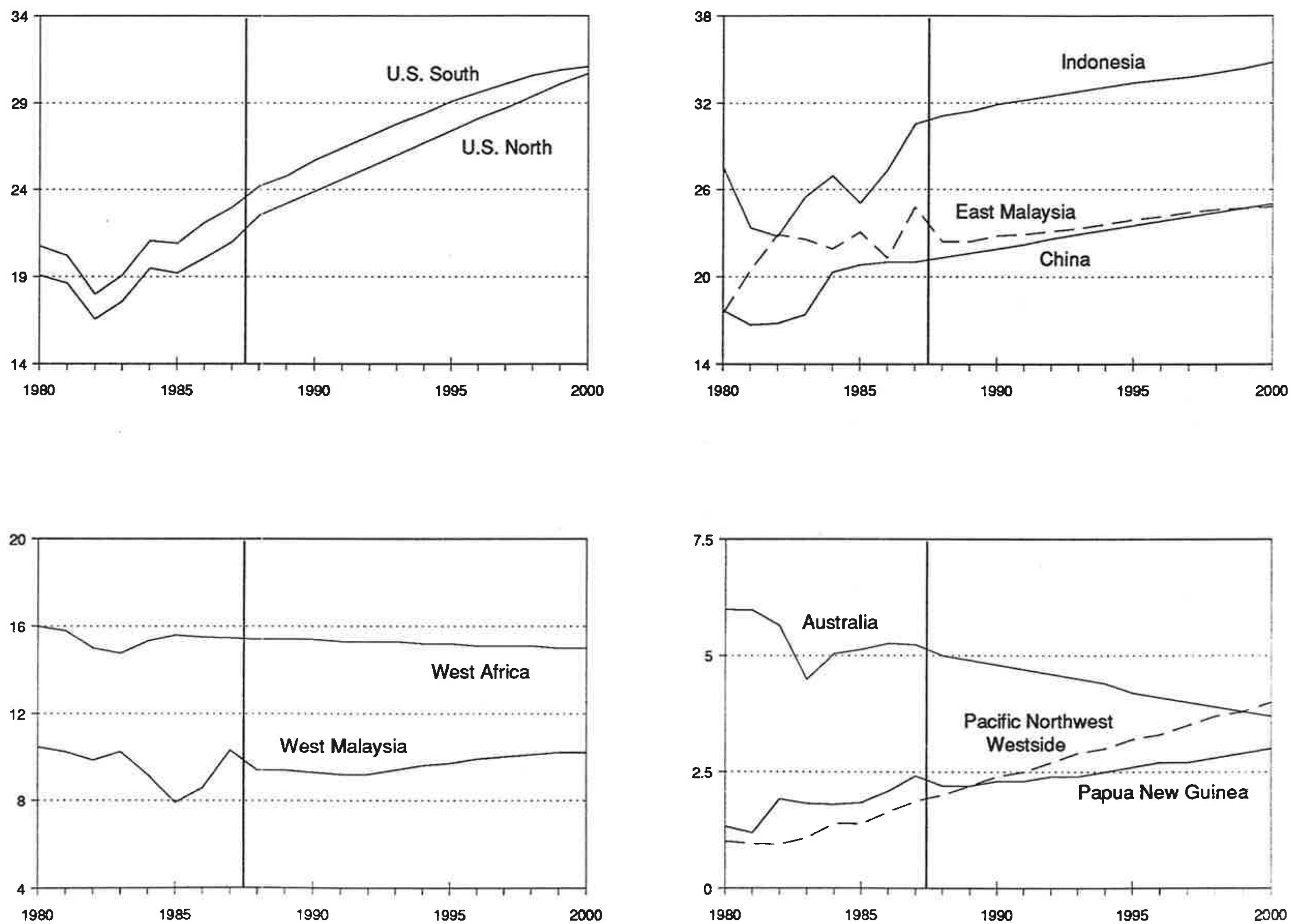


Figure 9.14 Nonconiferous sawlog trade (mm cum)

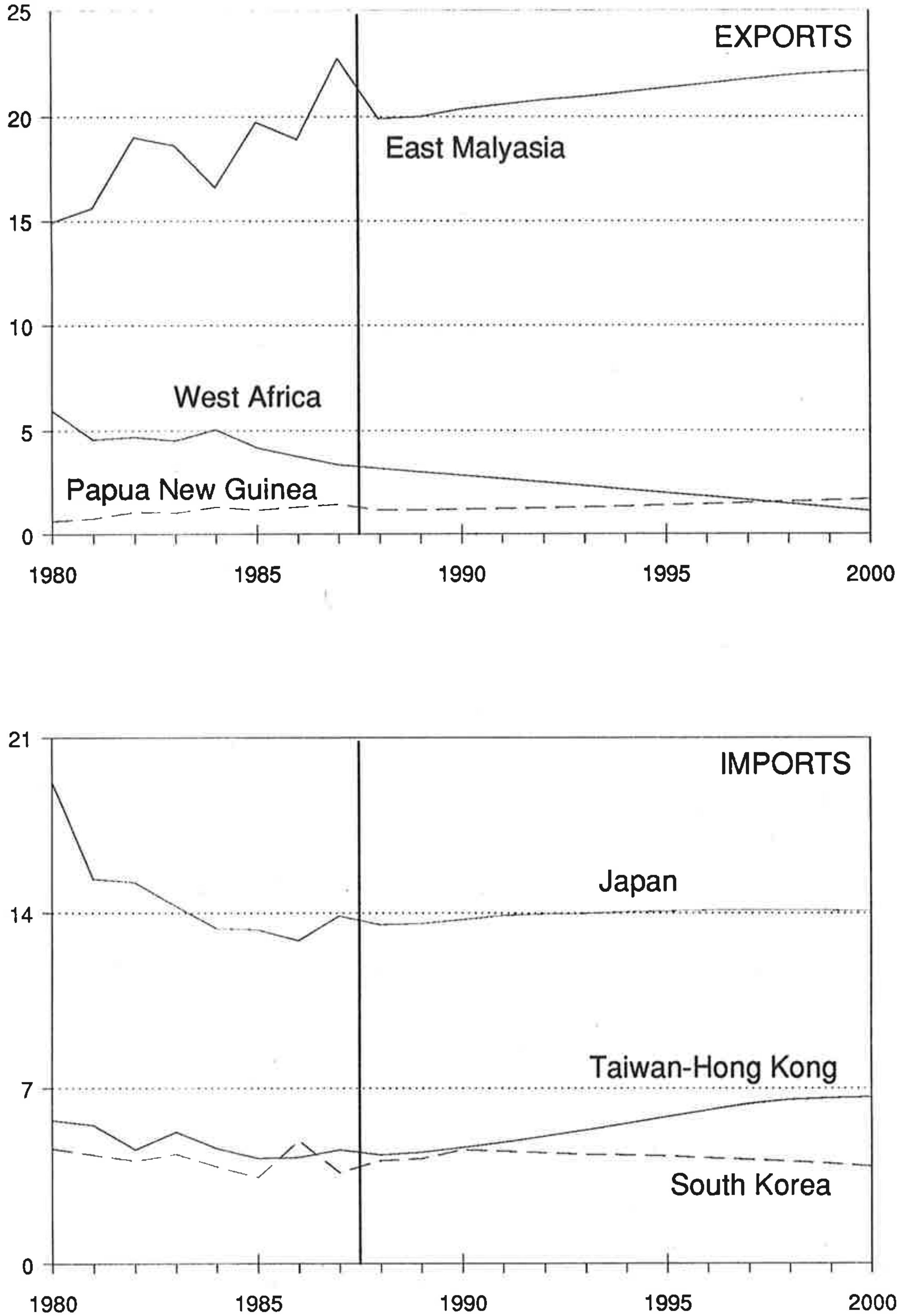
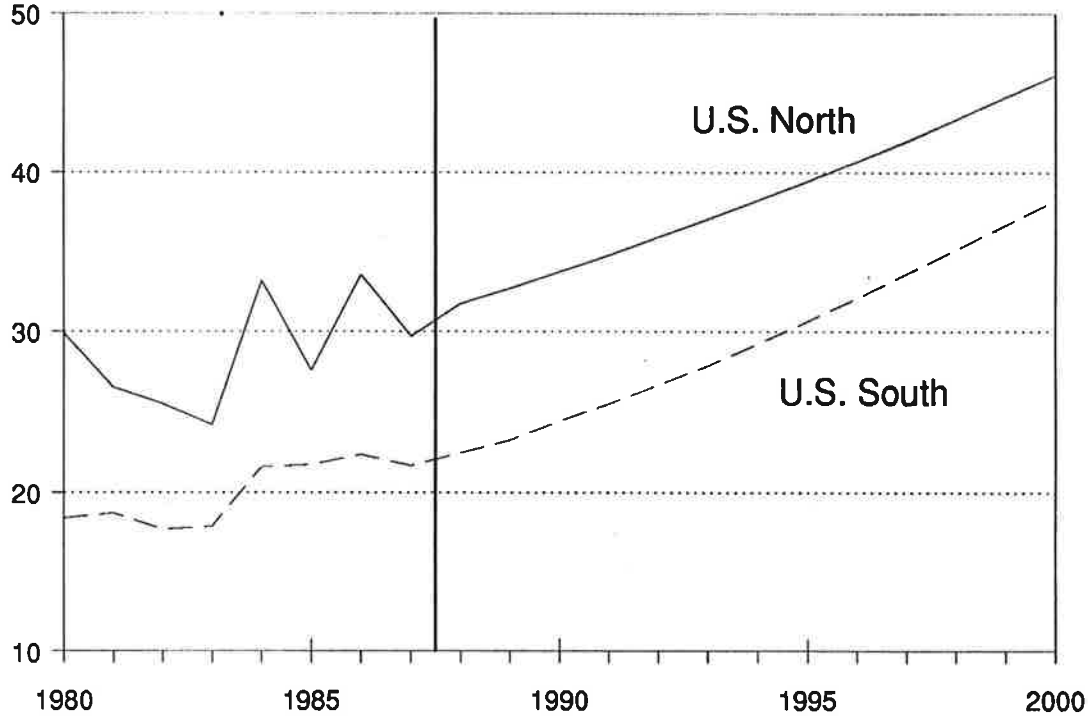
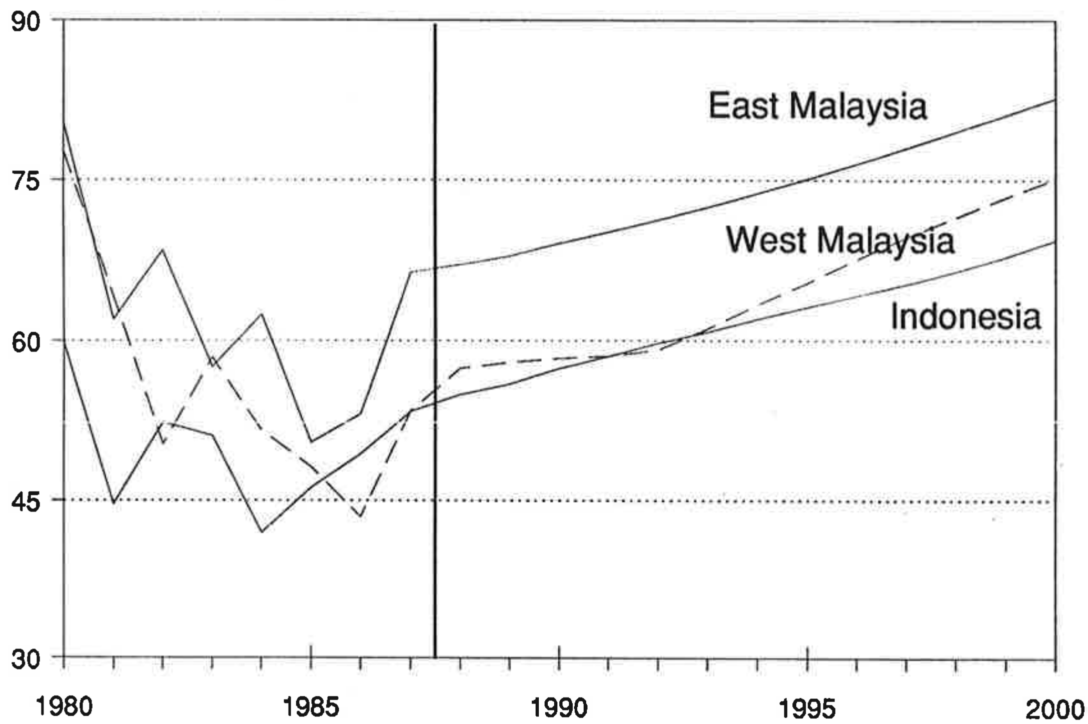


Figure 9.15 Nonconiferous sawlog prices (1980 USD/cum)





10. ALTERNATIVE SCENARIOS

10.1 Overview

This section presents several alternative scenarios that highlight some key uncertainties concerning the future evolution of forest products markets in the Pacific Rim. These scenarios serve two functions. For the analyst interested primarily in forecast results, they describe a range of possibilities associated with the future outlook. For the analyst interested in the model and the projection process, they describe some of the operational aspects of the model and provide some sensitivity analysis.

Four alternative scenarios are presented and they focus primarily on softwood markets. The first two alternatives are related to demand uncertainties. The third alternative considers the question of future timber supplies in the Eastern USSR. The final alternative addresses the possibility of large-scale substitution of coniferous plywood for nonconiferous plywood in Japanese markets.

10.2 Higher Coniferous Sawnwood Demand in Japan and China

Japan and China account for the vast majority of coniferous sawlog imports in the Pacific Rim, and these logs are used almost entirely in lumber production. There is a good deal of uncertainty concerning future coniferous sawnwood demand in these regions. Japanese housing starts depend heavily on replacement rates which are notoriously difficult to predict. The Chinese market changed dramatically in the early 1980s and is now going through another transition period that leads to considerable uncertainty concerning both sawnwood demand levels and sawlog supply sources.

Alternative demand scenarios are very simple to implement in the PRA model. In this case, we hold the Japanese coniferous sawnwood demand curve constant at 1987 levels (in the BASE CASE demand had been reduced by 16% between 1987 and 2000). In the Chinese market, we increase consumption and production in 2000 by about 10% over BASE CASE levels. The increase is phased in gradually over the forecast horizon. Chinese consumption and production are increased by exactly the same amount based on the assumption that lumber imports will not change. We also assume that there is no change in Chinese log production; hence, the increase in sawnwood production directly translates into higher sawlog imports.

The tables which summarize the important changes between this scenario and the BASE CASE are provided in Appendix B. The most direct impact obviously is much higher levels of lumber consumption in Japan and China. In 2000, the increase in Japan is 4.8 mm m^3 (17% higher than the BASE CASE) and the increase in China is 2.6 mm m^3 (11% above the BASE CASE). We also observe very small decreases in consumption in many of the regions where consumption is price-sensitive due to the increased price of wood around the world. Minor decreases in coniferous plywood consumption also occur in the U.S. regions.

There are major impacts on coniferous sawnwood production in three regions of the world (see the top two charts in Figure 10.1). Production in Japan and China increases by an amount necessary to meet the higher consumption levels.[1] Production in the Pacific Northwest Westside drops fairly precipitously as sawlogs previously destined for local sawmills are shipped to more lucrative Asian markets. There are also noticeable production increases in major producing regions in the U.S. (except the South), Canada, and Europe. The U.S. South fails to increase lumber production, because its additional harvest is used in manufacturing plywood because of the decline in plywood production in the Pacific Northwest Westside (see Figure 10.1). Canada increases lumber shipments to the U.S. due to higher U.S. prices and reduced U.S. supplies. Western Europe, Finland, and Sweden are forced to expand production because some Canadian lumber previously destined for European markets has been diverted to the U.S.

Sawlog production increases in all regions with positively-sloped timber supply curves. The harvest increases are particularly pronounced on the Pacific Northwest Westside as this region alone is able to respond to the increased demand for sawlogs in Japan and China. The lower half of Figure 10.1 compares the higher Japanese and Chinese log import levels with the BASE CASE, and also depicts the higher levels of exports from the Pacific Northwest Westside. While this response is consistent with the important role that the Pacific Northwest has played in these markets in the past, it is clearly overstated. From a modeling standpoint, the critical difficulty is that little is known about the price-responsiveness of timber supply from the Eastern USSR, Chile, and New Zealand. In the current version of the model we impose upper bounds on production. Since these limits are reached in the BASE CASE, the model indicates there is no room for expansion in these regions.

Coniferous sawlog harvest levels in the Pacific Northwest Westside are shown in Figure 10.2. Harvests increase for both private and public ownerships due to the more rapid price inflation depicted in the lower half of the diagram. The private response results from more rapid depletion of the mature sawtimber inventory. Although public timber sales are fixed, public harvests also increase because timber buyers are willing to reduce further the volume of uncut timber under contract. In this scenario, real sawtimber stumpage price inflation on the Westside is 2.4%/year, compared to only 0.9%/year in the BASE CASE.

The impacts of this scenario on coniferous pulpwood markets are straightforward. Most importantly, the reduction of lumber and plywood production on the Westside causes a reduction in

1. It is clear that an increase in coniferous sawnwood imports would be quite likely, but these do not occur in the model. This again exemplifies the difficulty of predicting multi-market equilibrium with this general approach.

available residues. At the same time, there is a significant increase in residue generation in Japan that results from the higher level of lumber production. The implication for pulpwood trade is clear: a large volume of Interior Canada pulpwood exports that were destined for Japan are diverted to the Pacific Northwest.

10.3 Lower Coniferous Sawnwood Demand in Japan and China

An alternative simulation considers exporters' downside risk that coniferous sawnwood demand in Japan and China will be substantially below BASE CASE levels. For this simulation, we assume the Japanese demand curve shifts inward 32% between 1987 and 2000 (compared to 16% in the BASE CASE). One way to view such a shift is that housing starts decline to the level of about 1.1 million units per year. In the Chinese market, we decrease consumption and production in 2000 by about 10% (as before these reductions are phased in gradually over the forecast horizon).

The tables which depict the important changes between this scenario and the BASE CASE are provided in Appendix C. Qualitatively, the impacts are the essentially the reverse of those in the High Demand case. Japanese lumber consumption in 2000 is 5.1 mm m^3 (18%) below the BASE CASE, while Chinese consumption falls by 2.6 mm m^3 (11%) from BASE CASE levels.

Figure 10.3 contrasts coniferous sawnwood production in this scenario with the BASE CASE for the three regions which are most significantly affected. Production in Japan and China decrease by large amounts due to the reduction in consumption levels. The reduced level of sawlog exports from the Pacific Northwest Westside (see Figure 10.3) causes a decrease in sawlog prices in this region leading to expanded lumber and plywood production. There is a concomitant production decline in other major U.S. lumber-producing regions. We also observe a small decline in plywood output in the U.S. South as some market share is lost to Westside producers.

Coniferous sawnwood production declines in Canada, Finland, and Sweden. One critical result has no parallel in the High Demand scenario: the reduced demand for sawlogs in Japan and China causes a log glut in the Pacific Rim, and Chile looks for alternative market outlets. Western Europe -- a large importer of lumber in the BASE CASE -- becomes the target for Chilean log exports. Western Europe uses these logs to increase lumber production, and Canada, Finland, and Sweden lose share of this market.

Coniferous sawlog production decreases in all regions with positively-sloped timber supply curves. Harvest decreases are fairly uniformly distributed across major regions. Sawlog production in 2000 in the Pacific Northwest Westside, U.S. Inland region, and U.S. South is 1.5 mm m^3 less than in the BASE CASE. Western Europe harvests 2.4 mm m^3 fewer sawlogs, and the reduction is 1.2 mm m^3 in Interior Canada and Finland.

Coniferous sawlog harvest levels for the Pacific Northwest Westside are shown in Figure 10.4. There is a dramatic decline in sawlog exports from this region relative to the BASE CASE (shown in the previous figure). However, this decline is largely offset by the expansion in lumber and plywood production. Real sawtimber stumpage price rise slightly early in the projection period and then fall so that there is virtually no price change between 1987 and 2000.

10.4 Higher Log Export Levels from the Eastern USSR

The Eastern USSR has vast reserves of standing coniferous sawtimber. However, we believe that there will be only a modest expansion of sawlog exports between 1987 and 2000 and this is reflected in our BASE CASE.[2] This scenario could be altered significantly by radical shifts in institutions governing the forest industry and forest management practices in the USSR.

This section presents a scenario in which we implement a large increase in harvest levels in the Eastern USSR. We assume that the manufacture and consumption of wood products in this region does not change so that the entire increase is exported as raw logs. The new, higher level of sawlog exports is shown in the top chart in Figure 10.5. In this scenario, Eastern USSR exports reach 13.4 mm m^3 in 2000, which exceeds the BASE CASE level by 5.2 mm m^3.

Not surprisingly, the results are qualitatively very similar to the results of the previous Low Demand scenario. In the Low Demand scenario, combined Japanese and Chinese sawlog imports in 2000 were 12.6 mm m^3 below BASE CASE levels. In the present scenario, sawlog exports from the Eastern USSR increase by about 40% of that amount. Thus, although the direction of the results will be the same, the magnitude of the impacts will be much more moderate.

Appendix D provides the results for coniferous sawlog and coniferous sawnwood markets. There are only minor changes in sawnwood markets in Japan (and no change in China) because the impacts on final product prices are very minimal. The most dramatic effect on coniferous sawnwood production occurs in the Pacific Northwest Westside. The increase in Soviet log exports induces a reallocation of Pacific Rim log trade. A larger share of Pacific Northwest Westside sawlogs are used in Westside lumber and plywood mills. Because of the expansion of log supplies in the Pacific Rim, log markets in Western Europe become relatively more attractive to Chilean log exporters. By 2000, just over 20% of Chilean log exports are diverted from Asia to Western Europe.

Figures 10.5 and 10.6 demonstrate important changes in the forest sector in the Pacific Northwest Westside. The average annual increase in real stumpage prices in this region is 0.5%, which is about half of the inflation rate in the BASE CASE.

---

2. The rationale for this conservative viewpoint is provided in Cardellichio, Binkley, and Zausaev (1989).

10.5 Coniferous-Nonconiferous Plywood Substitution in Japan

The increasing scarcity of tropical sawlogs available from Southeast Asia has induced Japanese plywood producers to look for alternative log supply sources. Softwood species, such as Douglas fir, radiata pine, and Soviet larch, are promising substitutes. In the current simulation, we assume that a large increase in softwood plywood consumption occurs in Japan, and the market share of hardwood plywood is reduced accordingly.

To implement this scenario, we shift inward the Japanese demand curve for hardwood plywood at 2.5%/year relative to the BASE CASE. This substitution rate implies that the demand curve in Japan now shifts inward 45% between 1987 and 2000 (compared to 13% in the BASE CASE). We assume that softwood plywood consumption will increase to offset this decline. Furthermore, we assume that the softwood plywood will be manufactured by mills in Japan, rather than imported. Japanese plywood consumption trends in the BASE CASE and the Substitution scenario are presented in Figure 10.7. By 2000, Japanese hardwood plywood consumption is 5.5 mm m^3, representing a 40% drop from the 1987 level.

Among hardwood plywood producers, Japanese mills clearly absorb the bulk of the loss. However, there is also a small reduction in production in Indonesia and West Malaysia because Japan imports a small share of its hardwood plywood consumption in the BASE CASE. Decreased hardwood plywood production in Japan leads to a decline in hardwood sawlog imports (see the lower half of Figure 10.7).

Hardwood sawlog exports from East Malaysia decline due to the reduction in Japanese demand (Figure 10.8). Although hardwood log consumption in Japan falls 2.9 mm m^3 in 2000 (relative to the BASE CASE), East Malaysian log exports decrease only 2.0 mm m^3. On the demand side, lower log prices lead to slightly higher imports by Taiwan-Hong Kong and South Korea. On the supply side, East Malaysia's competitors also lose some market share as log exports from Papua New Guinea and the U.S. South also decline.[3]

Trends in real hardwood sawlog prices in East Malaysia are plotted in Figure 10.8. Real inflation in this scenario is 1.4%/year, compared to 1.7%/year in the BASE CASE.

Japanese softwood sawlog imports increase to meet the increased needs of softwood plywood manufacturers in Japan (see Figure 10.7). The character of the adjustments in softwood sawlog markets is similar to that observed in the High Demand scenario. The most direct impacts occur in the Pacific Northwest, where log exports increase markedly (see Figure 10.8). Softwood lumber and

3. In the CGTM, hardwood timber from the U.S. South has several potential markets. In this scenario, part of the reduction in sawlog exports may be attributed to increased hardwood lumber exports to Western Europe.

plywood production in this region decline and the impacts are dissipated throughout U.S., Canadian, and European markets.

The real annual increase of softwood sawlogs produced in the Pacific Northwest Westside is 0.7% in this scenario (compared to 0.5% in the BASE CASE). This is caused by the increase in real stumpage prices which rise 1.4%/year (compared to 0.9% in the BASE CASE). The comparison between real stumpage prices in this scenario and those in the BASE CASE is shown in Figure 10.8.

Figure 10.1 High Demand Scenario - Key Coniferous Volumes

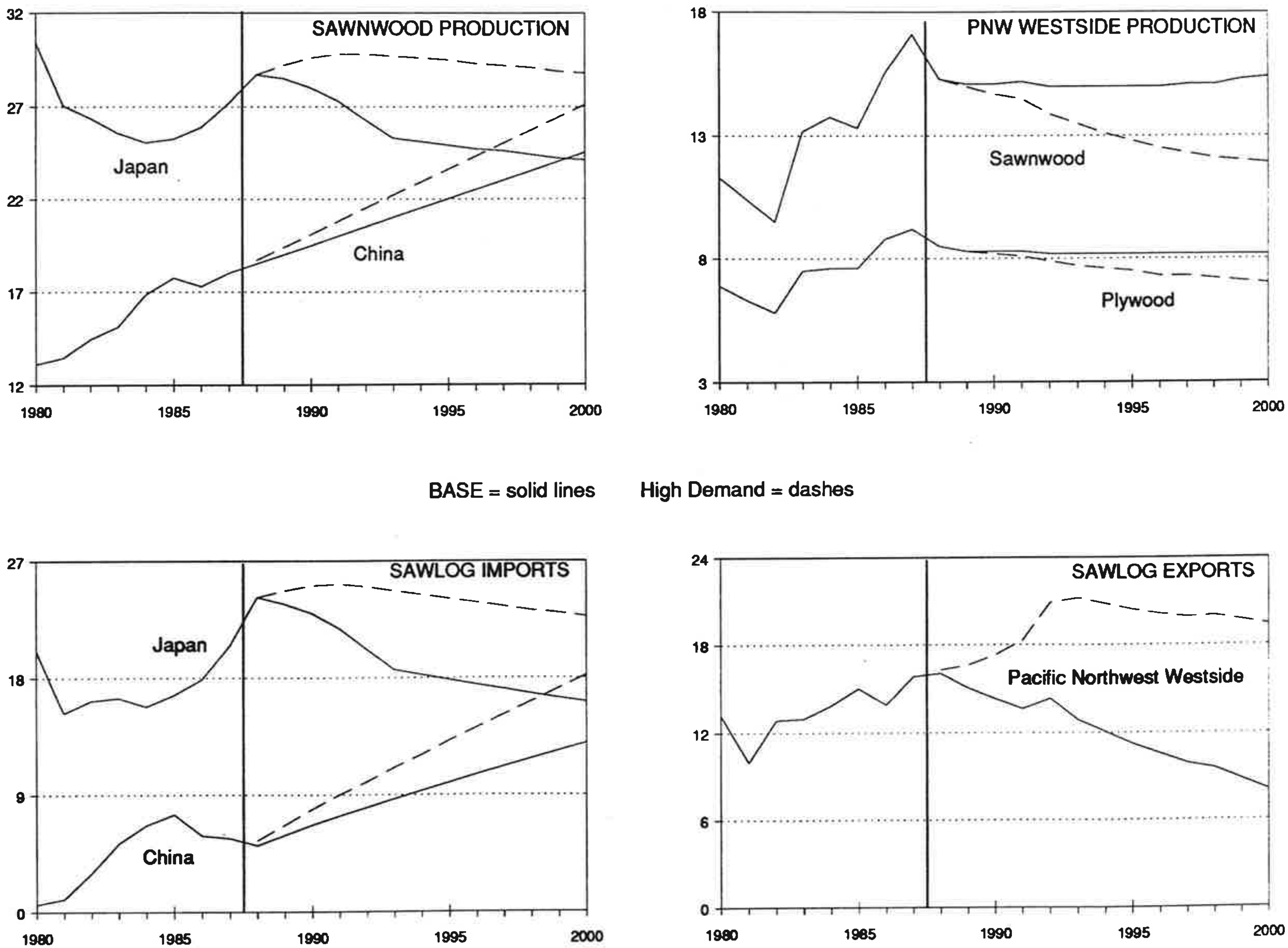
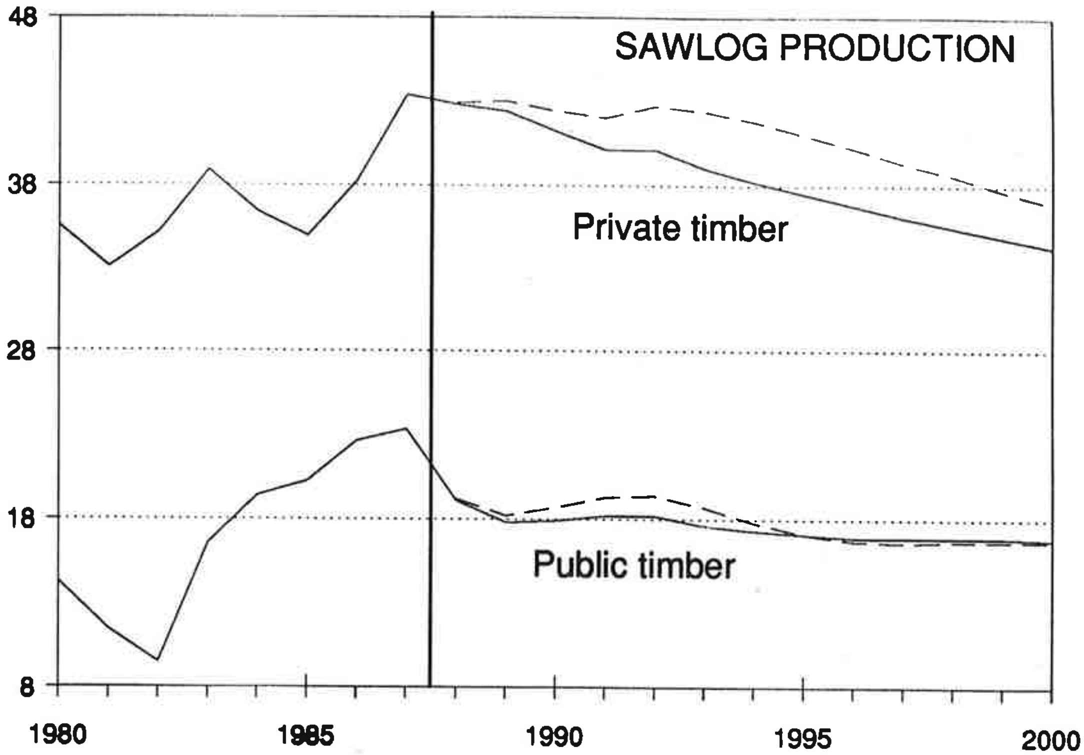


Figure 10.2 Pacific Northwest Westside, Production & Prices



BASE = solid lines High Demand = dashes

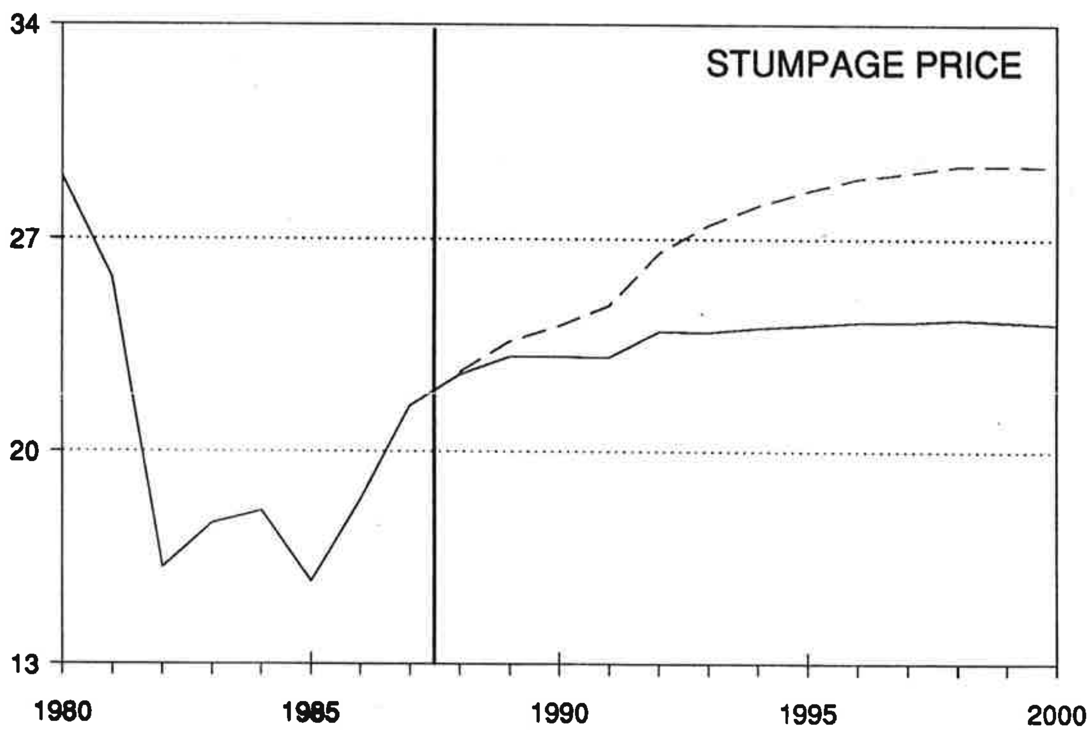


Figure 10.3 Low Demand Scenario - Key Coniferous Volumes

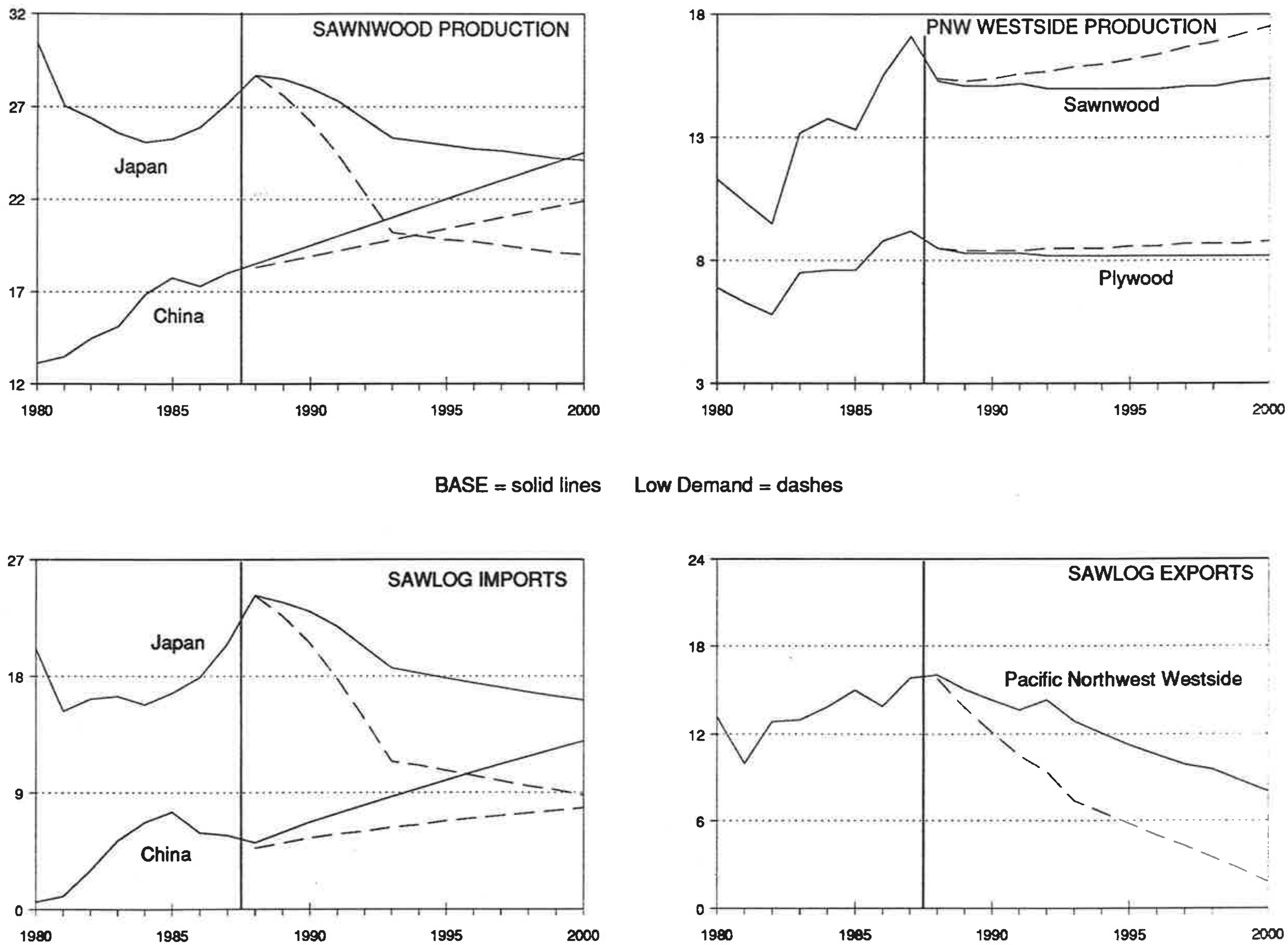
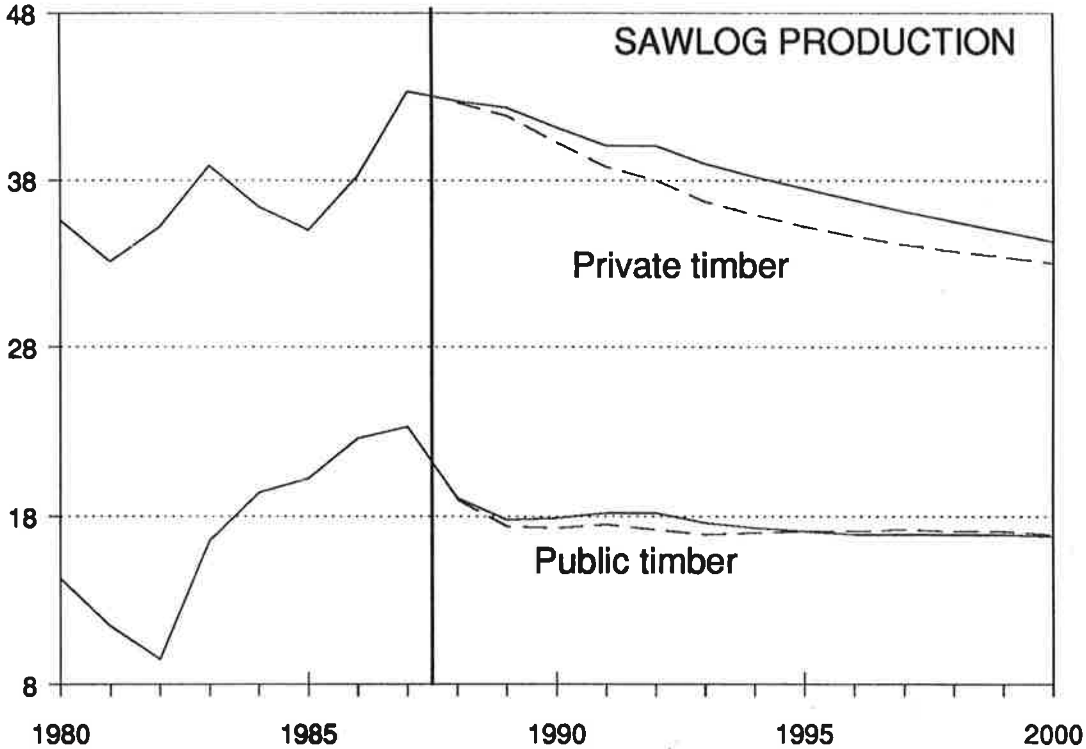


Figure 10.4 Pacific Northwest Westside, Production & Prices



BASE = solid lines Low Demand = dashes

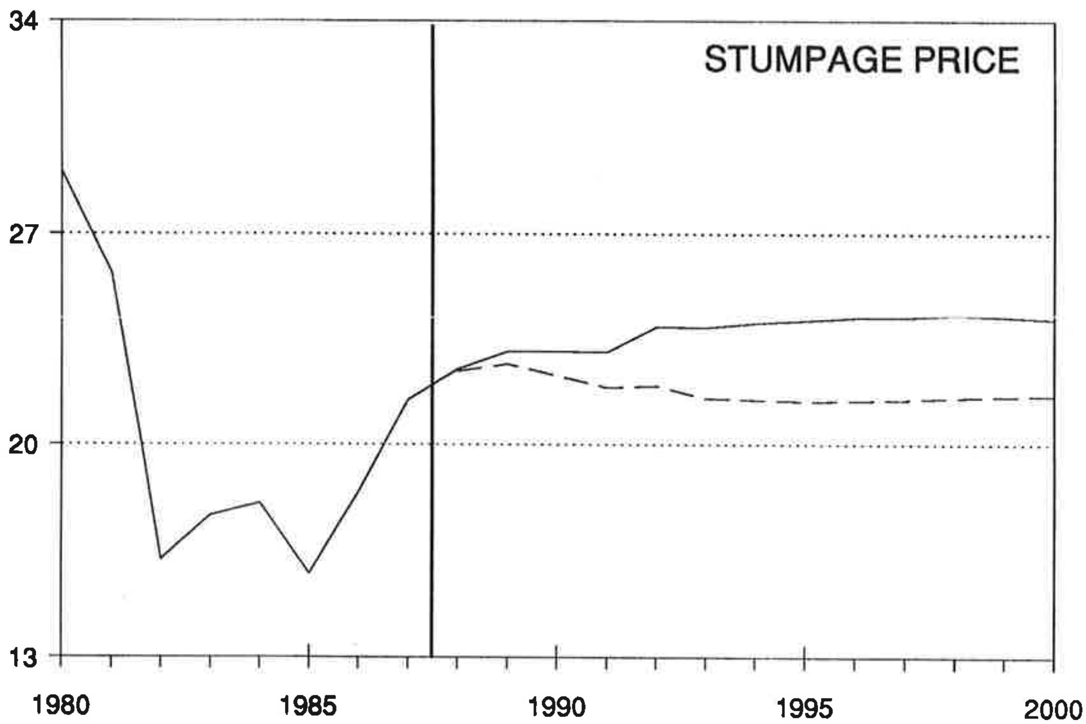
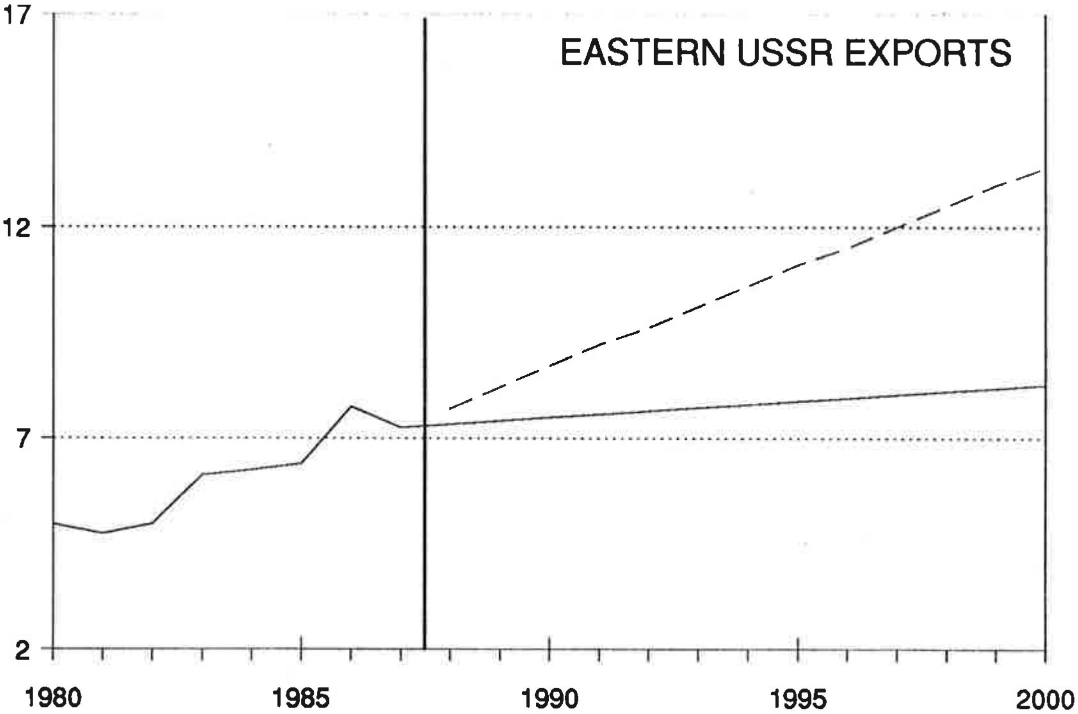


Figure 10.5 Coniferous Sawlog Trade (mm cum)



BASE = solid lines High USSR Log Exports = dashes

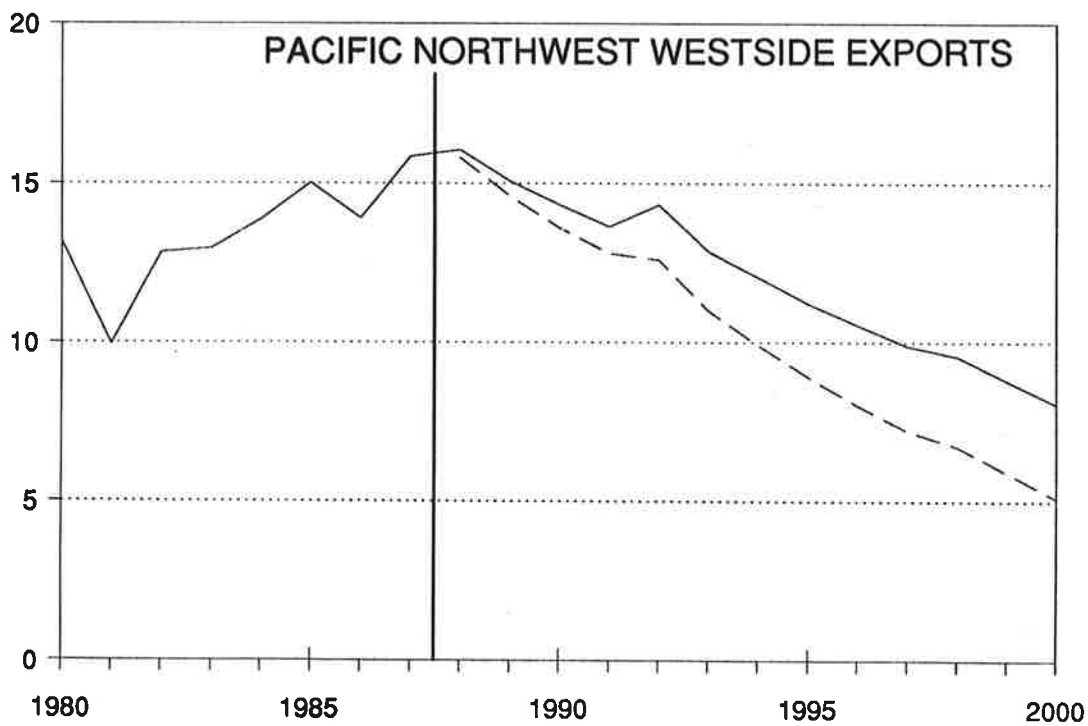
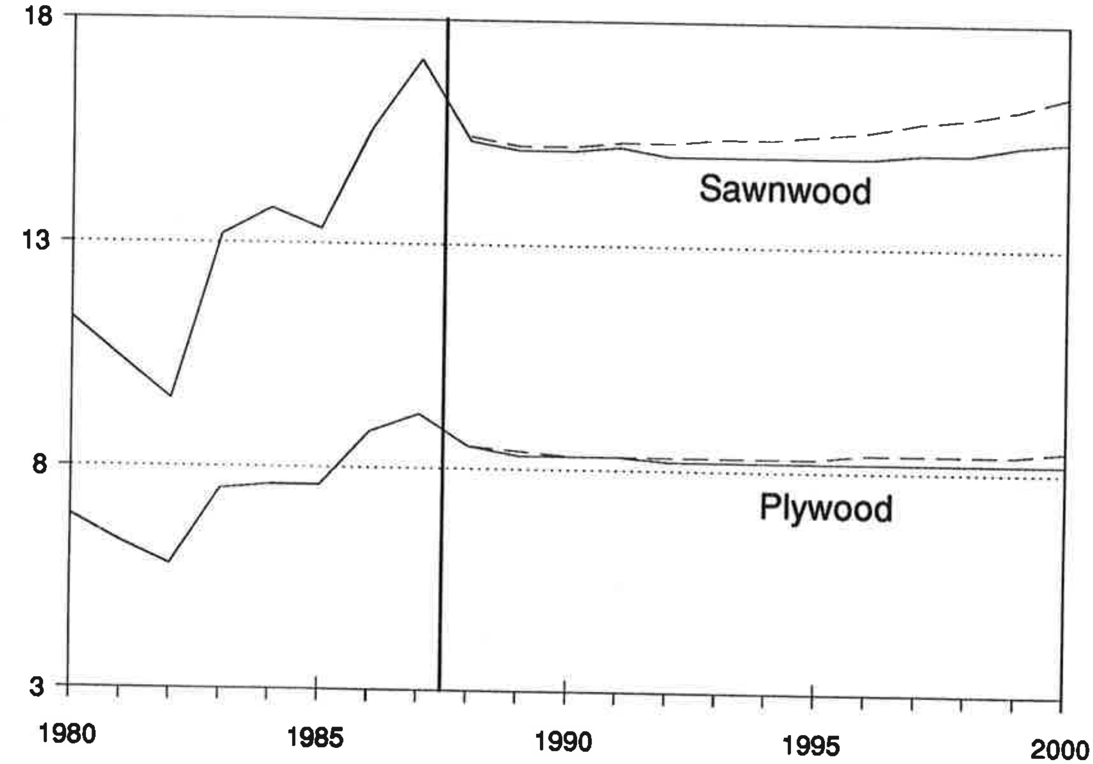


Figure 10.6 Pacific Northwest Westside, Production & Prices



BASE = solid lines High USSR Log Exports = dashes

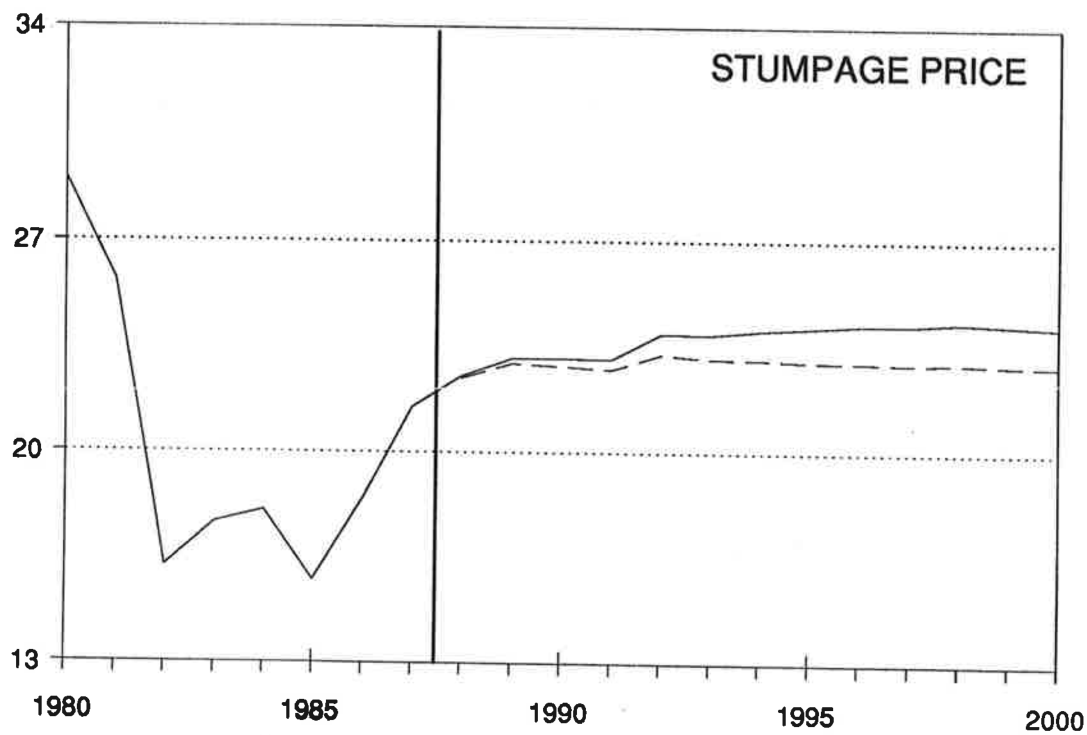
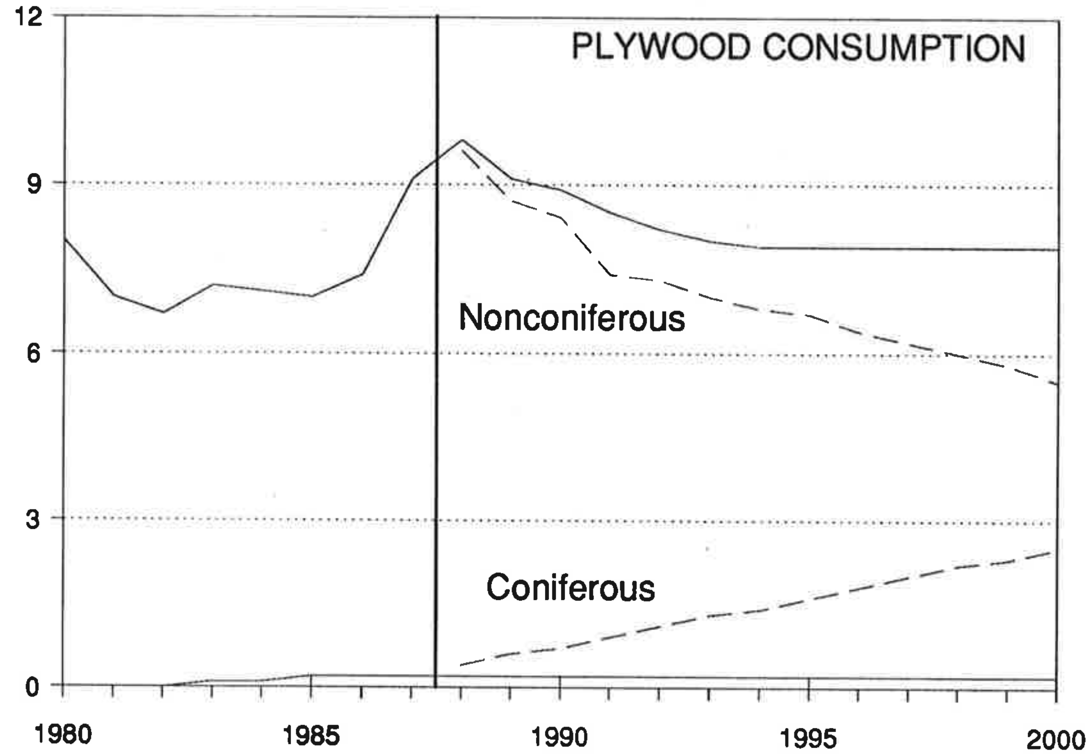


Figure 10.7 Japan: Plywood Consumption and Sawlog Imports



BASE = solid lines   Plywood Substitution = dashes

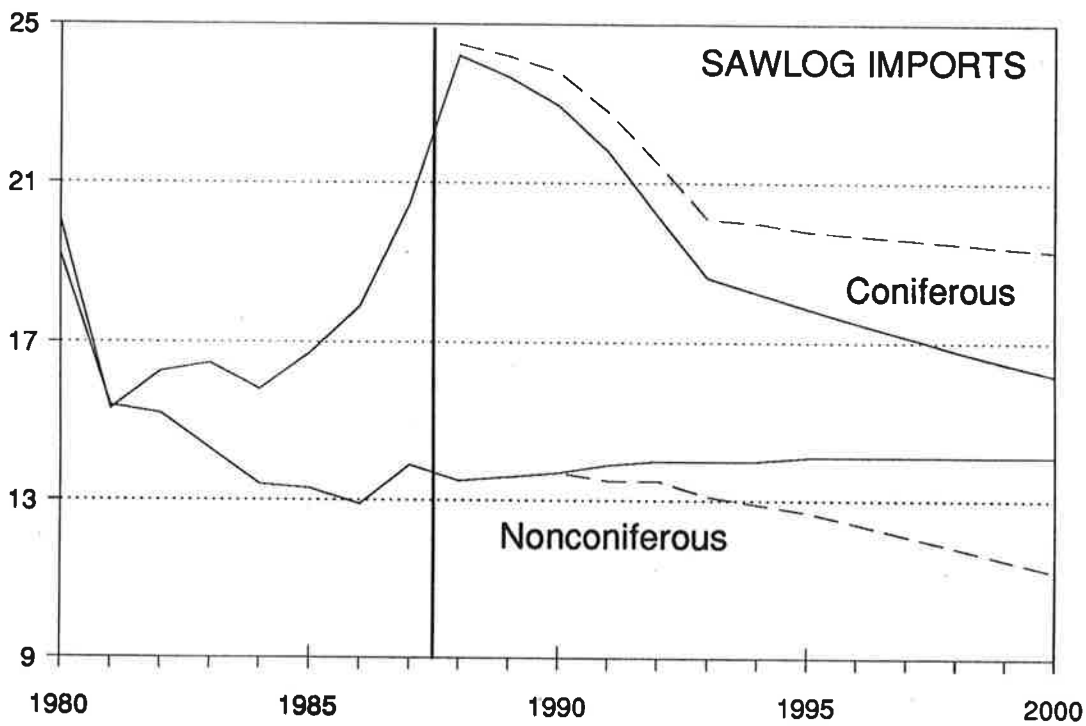
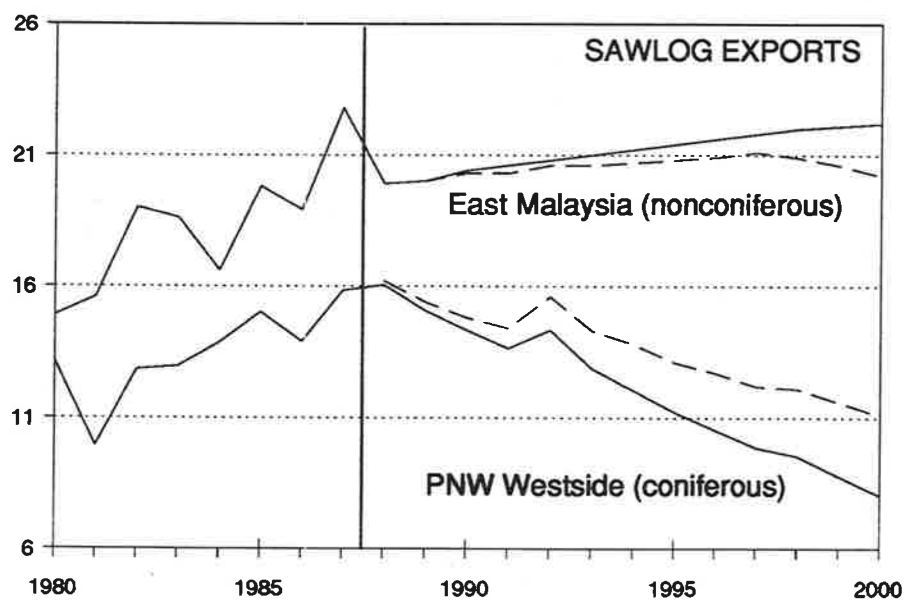
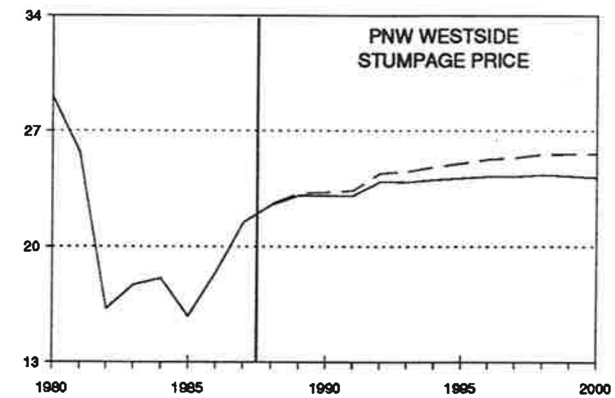


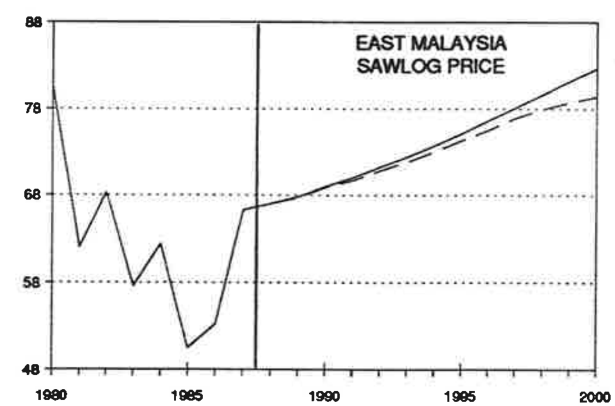
Figure 10.8 Sawlog Exports and Prices





BASE = solid lines

Plywood Substitution = dashes



LITERATURE CITED

Adams, D.M. and Haynes, R.W. 1987. Interregional modeling. *In* M. Kallio, D.P. Dykstra, and C.S. Binkley (Editors), The Global Forest Sector: An Analytical Perspective, John Wiley & Sons, New York. pp. 391-413 (Chapter 16).

Adams, D.M. and Haynes, R.W. 1980. The 1980 softwood timber assessment market model: structure, projections, and policy simulations. Forest Science Monograph 22. 64 pages.

Brooks, D.J. 1987. Modeling forest dynamics. *In* M. Kallio, D.P. Dykstra, and C.S. Binkley (Editors), The Global Forest Sector: An Analytical Perspective, John Wiley & Sons, New York. pp. 91-108 (Chapter 4).

Buongiorno, J. 1986. Outline of a world model of the pulp and paper industry. *In* A. Andersson, M. Kallio, A. Morgan, and R. Seppala (Editors), Systems Analysis in Forestry and Forest Industry, TIMS Studies in Management Science, Vol. 21, North-Holland, Amsterdam.

Buongiorno, J. and Gilless, J.K. 1983a. Concepts used in a regionalized model of pulp and paper production and trade. *In* R. Seppala, C. Row, and A. Morgan (Editors), Forest Sector Models, AB Academic, Berkhamstead, U.K. pp. 57-70.

Buongiorno, J. and Gilless, J.K. 1983b. A model of international forest products trade (GTM-1). IIASA WP-83-63. International Institute for Applied Systems Analysis, Laxenburg, Austria.

Cardellichio, P.A. and Adams, D.M. 1989. Methods of improving the representation of bilateral trade flows in spatial equilibrium models. *In* R. Seppala (Editor), Forest sector analysis revisited: Proceedings of an International Symposium, Hakapaino Oy, Helsinki, pp. 94-109.

Cardellichio, P.A. and Adams, D.M. 1988. Evaluation of the IIASA model of the global forest sector. CINTRAFOR WP-13. College of Forest Resources, University of Washington, Seattle.

Cardellichio, P.A. and Binkley, C.S. 1984. Hardwood lumber demand in the United States: 1950 to 1980. Forest Products Journal, 34(2): 15-22.

Cardellichio, P.A., Binkley, C.S., and Zausaev, V.K. 1989. Potential expansion of Soviet Far East log exports to the Pacific Rim. CINTRAFOR WP-21. College of Forest Resources, University of Washington, Seattle.

Cardellichio, P.A. and Kirjasniemi, M. 1987. Modeling production behavior in forest sector models. *In* M. Kallio, D.P. Dykstra, and C.S. Binkley (Editors), The Global Forest Sector: An Analytical Perspective, John Wiley & Sons, New York. pp. 139-168 (Chapter 6).

Cardellichio, P.A. and Veltkamp, J. 1981. Demand for Pacific Northwest timber and timber products. Study Module II-A, Forest Policy Project, Washington State University.

Cardellichio, P.A., Youn, Y.C., Binkley, C.S., Vincent, J.R., and Adams, D.M. 1988. An economic analysis of short-run timber supply around the globe. CINTRAFOR WP-18. College of Forest Resources, University of Washington, Seattle.

Chmelik, J.T., Brooks, D.J., and Haynes, R.W. 1989. United States trade in forest products, 1978 to 1987. General Technical Report PNW-GTR-240. USDA Forest Service, Pacific Northwest Research Station, Portland, OR.

Food and Agricultural Organization of the United Nations (FAO). 1989. 1987 yearbook of forest products, 1976-1987. Rome.

Iusem, A. 1985. Brazilian data base for the Global Forest Sector Model. IIASA WP-85-26. International Institute for Applied Systems Analysis, Laxenburg, Austria.

Kallio, M., Dykstra, D.P., and Binkley, C.S. (Editors). 1987. The Global Forest Sector: An Analytical Perspective, John Wiley & Sons, New York.

Klein, L.R. and Preston, R.S. 1967. Some new results in the measurement of capacity utilization. American Economic Review, 57(1):34-58.

Kornai, G. 1987. Historical analysis of international trade in forest products. *In* M. Kallio, D.P. Dykstra, and C.S. Binkley (Editors), The Global Forest Sector: An Analytical Perspective, John Wiley & Sons, New York. pp. 432-456 (Chapter 18).

Luppold, W.G. and Dempsey, G.P. 1988. New estimates of central and eastern U.S. hardwood lumber production. Draft manuscript. USDA Forest Service, Northeastern Forest Experiment Station, Princeton, W.V.

Martin, R.M., Wardle, P., Baudin, A., Lundberg, L., and Skog, K. Not dated. Forest products outlook: economic models of world consumption and production. Technical Report. Statistics and Economic Analysis, Forestry Department, FAO, Rome.

Percy, M. and Constantino, L. 1987. A policy simulation model for the forest sectors of British Columbia and Canada. *In* P.A. Cardellichio, D.M. Adams, and R.W. Haynes (Editors), Forest Sector and Trade Models: Theory and Applications -- Proceedings of an International Symposium. November 3-4, 1987, Seattle. pp. 181-192.

Thompson, R.L. 1981. A survey of recent developments in international agricultural models. Bibliographies and Literature of Agriculture Number 21. USDA Economic Research Service, Washington, D.C.

Vincent, J.R. 1989. Optimal tariffs on intermediate and final goods: the case of tropical forest products. Forest Science, 35(3):720-731.

APPENDIX A: BASE CASE RESULTS

TABLE OF CONTENTS

BASE RUN (13 November 1989)

PRODUCTION, CONIFEROUS SAWLOGS (million cubic meters)

	HISTORY								FORECAST													
REG	1980	1981	1982	1983	1984	1985	1986	1987	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
WSV	35.6	33.1	35.2	38.9	36.4	35.0	38.3	43.4	42.3	42.8	42.4	41.2	40.1	40.1	39.0	38.2	37.5	36.8	36.1	35.6	34.9	34.4
WSB	14.3	11.5	9.5	16.5	19.4	20.3	22.6	23.3	22.3	19.1	17.8	17.9	18.2	18.2	17.6	17.3	17.1	16.9	16.9	16.9	16.9	16.8
ESV	5.3	5.5	5.6	5.0	4.7	4.4	4.9	6.2	6.1	7.1	7.3	7.3	7.2	7.1	7.0	6.9	6.8	6.8	6.8	6.8	6.8	6.8
ESB	5.5	5.1	4.3	7.4	8.3	8.6	9.4	9.5	9.9	7.3	6.7	6.5	6.5	6.6	6.7	6.8	7.0	7.0	7.1	7.2	7.3	7.3
INV	11.1	10.9	11.2	9.7	12.0	11.2	13.2	15.6	14.7	18.1	19.5	19.9	19.6	19.2	18.8	18.6	18.6	18.6	18.8	19.0	19.3	19.5
INB	14.3	12.7	9.9	17.6	16.6	18.2	19.9	20.1	20.0	16.1	14.8	14.3	14.6	15.4	16.1	16.7	17.2	17.6	17.9	18.1	18.2	18.2
ASK	2.0	1.7	2.0	2.0	1.7	1.9	2.3	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	3.0	3.0	3.0	3.0	3.0
CAL	6.7	6.1	5.3	6.4	6.7	7.0	8.0	8.6	8.5	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6
USS	54.9	57.8	59.3	68.9	71.2	71.9	77.7	81.5	83.8	86.2	88.5	90.1	91.2	92.1	92.6	92.8	92.8	92.7	92.5	92.2	91.8	91.3
USN	11.8	8.3	8.2	8.1	9.8	9.9	10.5	10.9	11.0	11.2	11.6	11.9	12.1	12.4	12.7	12.9	13.2	13.5	13.7	14.0	14.3	14.6
CBC	21.7	16.1	15.5	20.7	20.6	19.9	18.8	23.6	23.4	22.7	22.6	22.4	22.3	22.3	22.2	22.1	22.0	21.9	21.8	21.7	21.8	21.8
CIN	42.0	38.2	38.2	44.3	46.2	50.0	48.6	56.6	58.1	57.8	58.1	58.2	58.5	58.4	58.2	58.2	58.3	58.4	58.4	58.6	58.7	58.9
CEA	29.8	25.1	22.9	29.3	27.2	29.8	35.0	35.9	36.7	36.4	36.8	36.9	37.0	37.3	37.5	37.7	38.0	38.3	38.6	38.9	39.2	39.5
CAM	4.9	5.1	5.2	4.9	5.1	5.6	5.1	5.4	5.4	5.6	5.6	5.7	5.7	5.7	5.8	5.8	5.8	5.9	5.9	6.0	6.0	6.0
BRA	19.9	19.6	20.3	21.2	22.0	22.0	21.3	21.3	21.3	21.6	22.0	22.4	22.8	23.2	23.6	24.0	24.4	24.8	25.2	25.6	26.0	26.3
SAN	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
CHI	4.9	3.4	3.0	4.0	4.5	5.2	4.7	6.2	6.0	6.4	7.3	8.2	8.3	6.9	7.4	8.3	9.1	10.0	10.9	11.4	12.0	12.5
SAS	.3	.4	.6	.7	.4	.4	.4	.4	.4	.4	.4	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5
FIN	23.5	19.4	16.4	18.1	18.9	17.7	16.4	16.2	16.3	17.2	17.5	17.7	17.8	17.9	18.1	18.3	18.5	18.7	18.9	19.0	19.2	19.4
SWE	20.6	19.2	20.3	23.1	23.8	22.2	22.1	21.9	21.0	21.0	20.9	20.6	20.4	20.3	20.0	19.7	19.5	19.2	18.9	18.6	18.3	18.0
EUW	54.4	53.5	53.2	54.5	56.5	55.4	56.3	57.0	56.8	58.9	60.4	61.1	61.8	62.8	63.5	64.2	64.9	65.7	66.4	67.1	67.8	68.4
EUE	25.0	25.0	25.0	26.6	25.4	24.7	23.9	23.8	23.8	23.9	24.0	24.1	24.2	24.3	24.4	24.5	24.6	24.7	24.9	25.0	25.1	25.2
JPN	17.8	16.8	17.3	16.8	16.4	16.4	16.2	16.6	16.6	17.0	17.4	17.6	17.9	18.2	18.5	18.7	19.0	19.2	19.5	19.7	19.9	20.2
KOR	.5	.8	.8	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7
CHN	29.0	26.0	26.5	27.4	32.0	32.7	33.1	33.1	33.1	33.6	34.1	34.7	35.2	35.7	36.3	36.8	37.3	37.9	38.4	38.9	39.5	40.0
THK	.4	.3	.3	.4	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3
MAE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IDN	.6	.3	.3	.4	.4	.3	.4	.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PHL	.1	.1	.1	.1	.1	.1	.0	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PNG	.1	.1	.1	.1	.1	.1	.1	.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ICH	.2	.2	.2	.2	.2	.2	.2	.2	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3
IND	3.1	3.4	3.7	4.0	4.4	4.8	4.8	4.8	4.8	5.3	5.5	5.8	6.0	6.2	6.4	6.7	6.9	7.1	7.3	7.6	7.8	8.0
MDE	10.2	10.2	10.2	9.4	9.4	9.3	9.3	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1
SUW	133.6	133.1	132.3	131.3	130.1	132.9	137.1	136.1	136.1	134.7	133.5	132.4	131.3	130.1	129.0	127.9	126.9	125.8	124.8	123.8	122.7	121.7
SUE	44.7	44.6	44.3	45.8	45.4	46.8	50.8	50.8	50.8	51.3	51.7	52.2	52.7	53.2	53.7	54.3	54.8	55.3	55.8	56.4	56.9	57.4
AFE	.9	.9	.9	.8	.9	.8	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.8
AFN	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
AFS	4.1	4.1	4.0	3.7	3.9	3.9	3.9	3.5	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6
AFW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AUS	2.7	2.9	2.8	2.5	2.8	3.4	3.5	3.5	3.5	3.6	3.7	3.8	4.0	4.1	4.2	4.3	4.4	4.5	4.6	4.7	4.8	4.9
NWZ	5.7	5.7	5.5	5.2	5.2	5.4	5.8	5.1	4.5	5.2	5.1	5.3	5.5	5.4	5.8	6.2	6.6	6.9	7.2	7.5	8.2	8.9
OCN	.1	.0	.0	.0	.0	.1	.0	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2
TOT	662.5	627.1	620.8	676.9	689.8	699.5	726.6	755.7	755.3	757.4	761.9	765.4	768.3	770.3	772.3	775.4	778.4	781.5	784.4	787.4	790.5	793.5

BASE RUN (13 November 1989)

RECLASSIFICATION, CONIFEROUS SAWLOGS (million cubic meters) TO CONIFEROUS PULPWOOD (million cubic meters)

REG	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
WSV	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WSB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ESV	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ESB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
INV	0.0	0.0	0.0	.2	.4	.5	.6	.8	.9	1.0	1.1	1.2	1.3	1.5
INB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ASK	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CAL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
USS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
USN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CBC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CIN	0.0	0.0	0.0	0.0	0.0	2.5	4.4	4.8	4.9	5.0	5.1	5.0	4.7	4.4
CEA	.3	.6	.3	.1	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CAM	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
BRA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SAN	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CHI	0.0	0.0	0.0	0.0	0.0	1.6	1.3	1.0	.7	.3	0.0	0.0	0.0	0.0
SAS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
FIN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SWE	0.0	0.0	.4	.9	1.3	1.7	2.3	2.8	3.4	3.9	4.5	5.0	5.6	6.1
EUW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
EUE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
JPN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
KOR	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CHN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
THK	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IDN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PHL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PNG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ICH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IND	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MDE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AFE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AFN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AFS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AFW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AUS	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NWZ	0.0	0.0	0.0	0.0	0.0	.3	.2	.1	0.0	0.0	0.0	0.0	0.0	0.0
OCN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOT	.3	.6	.7	1.2	1.7	6.7	8.9	9.4	9.8	10.3	10.7	11.3	11.6	12.0

BASE RUN (13 November 1989)

CONSUMPTION, CONIFEROUS SAWLOGS (million cubic meters)

	HISTORY								FORECAST													
REG	1980	1981	1982	1983	1984	1985	1986	1987	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
WST	36.9	34.8	32.1	42.8	42.2	40.5	47.1	51.1	48.2	45.9	45.1	44.8	44.7	44.0	43.8	43.5	43.3	43.1	43.1	42.9	43.0	43.1
EST	10.8	10.6	9.9	12.4	12.9	13.0	14.3	15.7	16.0	14.4	14.0	13.8	13.7	13.7	13.7	13.7	13.8	13.8	13.9	14.0	14.0	14.1
INT	25.4	23.6	21.1	27.3	28.6	29.5	33.1	35.7	34.7	34.2	34.3	34.2	34.2	34.5	34.9	35.3	35.8	36.2	36.6	37.0	37.4	37.8
ASK	1.2	.9	.8	.6	.6	.4	.6	.6	.6	.7	.7	.7	.7	.8	.8	.8	.9	.9	.9	.9	1.0	1.0
CAL	6.5	6.0	5.2	6.2	6.5	6.7	7.8	8.4	8.4	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5
USS	54.9	57.8	59.3	68.9	71.2	71.9	77.7	81.5	83.8	86.2	88.5	90.1	91.2	92.1	92.6	92.8	92.8	92.7	92.5	92.2	91.8	91.3
USN	10.2	7.1	6.6	7.9	7.8	7.9	8.6	9.3	9.5	9.6	9.9	10.1	10.3	10.5	10.7	10.9	11.2	11.4	11.6	11.8	12.0	12.3
CBC	20.6	15.2	14.3	18.4	17.2	17.5	16.4	20.5	20.2	20.0	20.0	19.9	19.9	20.0	20.0	20.0	20.0	20.0	20.1	20.1	20.2	20.2
CIN	42.0	38.2	38.2	44.3	46.2	50.0	48.6	56.6	58.1	57.8	58.1	58.2	58.5	58.4	58.2	58.2	58.3	58.4	58.4	58.6	58.7	58.9
CEA	31.2	26.1	24.3	30.8	28.9	31.6	36.7	37.4	38.3	38.1	38.5	38.7	38.9	39.2	39.5	39.7	40.0	40.4	40.7	41.1	41.5	41.8
CAM	5.0	5.1	5.3	4.9	5.2	5.6	5.1	5.4	5.6	5.6	5.7	5.7	5.8	5.8	5.8	5.9	5.9	6.0	6.0	6.1	6.1	6.1
BRA	19.9	19.6	20.3	21.2	22.0	22.0	21.3	21.3	21.3	21.6	22.0	22.4	22.8	23.2	23.6	24.0	24.4	24.8	25.2	25.6	26.0	26.3
SAN	.1	.2	.2	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	.2	.2	.2	.2	.2	.2
CHI	3.9	3.1	2.1	3.0	3.6	4.0	3.7	4.9	3.4	3.4	3.5	3.6	3.7	3.8	3.9	4.0	4.1	4.2	4.3	4.3	4.4	4.5
SAS	.3	.4	.6	.7	.4	.4	.4	.4	.4	.4	.4	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5
FIN	23.5	19.1	16.6	18.2	19.1	17.9	16.6	16.4	17.0	17.0	17.3	17.4	17.5	17.6	17.7	17.9	18.0	18.2	18.3	18.4	18.6	18.7
SWE	21.0	19.4	20.6	23.3	24.0	22.5	22.6	22.6	21.2	21.2	21.0	20.8	20.6	20.4	20.2	19.9	19.6	19.4	19.1	18.8	18.5	18.2
EUW	56.2	55.2	54.8	56.1	57.7	56.4	57.2	57.9	60.0	60.4	61.2	62.0	62.6	63.3	64.0	64.7	65.4	66.1	66.8	67.5	68.1	68.8
EUE	25.1	25.3	24.6	26.9	25.6	24.7	24.0	23.8	23.8	24.0	24.2	24.4	24.6	24.7	24.9	25.1	25.3	25.5	25.7	25.9	26.1	26.2
JPN	37.8	32.0	33.6	33.3	32.2	33.1	34.0	37.1	39.1	41.2	41.0	40.6	39.7	38.4	37.1	37.0	36.8	36.7	36.6	36.5	36.4	36.3
KOR	2.1	1.9	2.3	2.8	2.7	2.9	3.1	3.5	3.1	3.2	3.2	3.3	3.4	3.5	3.6	3.7	3.8	3.9	4.0	4.1	4.2	4.3
CHN	29.6	27.0	29.5	32.7	38.7	40.2	39.0	38.8	37.3	38.7	40.1	41.4	42.6	43.8	44.9	46.1	47.3	48.4	49.6	50.7	51.9	53.0
THK	.4	.4	.3	.4	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3
MAE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IDN	.6	.3	.3	.4	.4	.3	.4	.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PHL	.1	.1	.1	.1	.1	.1	.0	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PNG	.1	.1	.1	.1	.1	.1	.1	.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ICH	.2	.2	.2	.2	.2	.2	.2	.2	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3
IND	3.1	3.4	3.7	4.0	4.4	4.8	4.8	4.8	4.8	5.3	5.5	5.8	6.0	6.2	6.4	6.7	6.9	7.1	7.3	7.6	7.8	8.0
MDE	10.3	10.3	10.3	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.6	9.6	9.6	9.7	9.7	9.8	9.8	9.8	9.9	9.9	10.0	10.0
SUW	132.3	131.8	131.3	130.1	128.8	131.7	135.8	134.5	134.5	133.3	132.1	130.9	129.7	128.5	127.3	126.2	125.1	123.9	122.8	121.8	120.7	119.6
SUE	39.8	39.8	39.4	39.7	39.1	40.4	43.1	43.5	43.5	43.9	44.3	44.8	45.2	45.6	46.0	46.5	46.9	47.4	47.8	48.3	48.7	49.2
AFE	1.0	.9	1.0	.8	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.8
AFN	.2	.3	.4	.5	.4	.6	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4
AFS	4.0	4.1	4.0	3.7	3.9	3.9	3.9	3.5	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6
AFW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AUS	2.7	2.9	2.8	2.5	2.8	3.4	3.5	3.5	3.5	3.6	3.7	3.8	4.0	4.1	4.2	4.3	4.4	4.5	4.6	4.7	4.8	4.9
NWZ	4.4	4.9	5.1	4.7	4.7	5.0	5.4	4.7	4.0	3.9	3.9	3.9	3.9	4.0	4.1	4.1	4.0	4.0	4.0	4.0	4.0	4.1
OCN	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT	663.4	628.1	621.2	679.6	688.9	699.6	726.2	755.3	755.3	757.4	761.9	765.4	768.3	770.3	772.3	775.4	778.4	781.5	784.4	787.4	790.5	793.5

BASE RUN (13 November 1989)

EXPORTS, CONIFEROUS SAWLOGS (million cubic meters)

	HISTORY								FORECAST													
REG	1980	1981	1982	1983	1984	1985	1986	1987	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
WST	13.2	9.9	12.8	13.0	13.9	15.0	13.9	15.8	16.4	16.0	15.1	14.3	13.6	14.3	12.9	12.0	11.2	10.5	9.9	9.5	8.8	8.0
EST	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
INT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ASK	.8	.7	1.2	1.3	1.2	1.5	1.7	2.3	2.3	2.2	2.2	2.2	2.1	2.1	2.1	2.1	2.1	2.1	2.0	2.0	2.0	2.0
CAL	.2	.1	.1	.2	.2	.3	.1	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2
USS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
USN	1.6	1.2	1.6	.2	2.0	2.0	1.9	1.6	1.5	1.6	1.7	1.8	1.9	1.9	2.0	2.0	2.0	2.1	2.2	2.2	2.3	2.3
CBC	1.2	.9	1.3	2.4	3.5	2.7	2.8	3.7	3.4	3.0	2.9	2.8	2.7	2.6	2.5	2.4	2.3	2.2	2.1	2.0	2.0	2.0
CIN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CEA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CAM	.0	.0	.0	.0	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
BRA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SAN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CHI	1.0	.4	.9	1.0	.9	1.3	1.0	1.3	2.6	3.0	3.8	4.6	4.7	3.1	3.5	4.2	5.0	5.8	6.6	7.1	7.5	8.0
SAS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
FIN	.7	.7	.3	.4	.4	.5	.3	.3	0.0	.4	.4	.5	.5	.5	.6	.6	.7	.7	.7	.8	.8	.9
SWE	.2	.2	.1	.2	.2	.2	.2	.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
EUW	2.1	1.8	2.0	2.0	2.2	2.6	2.4	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
EUE	.9	.6	.8	.4	.4	.5	.5	.6	.5	.5	.5	.5	.5	.5	.4	.4	.4	.4	.4	.3	.3	.3
JPN	.0	.0	.0	.0	.0	.0	.0	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
KOR	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CHN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
THK	.0	.0	.0	.0	.0	.0	.0	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IDN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PHL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PNG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ICH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IND	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MDE	.0	.0	.0	.0	.0	.0	.0	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUW	1.4	1.3	1.1	1.1	1.3	1.2	1.3	1.5	1.5	1.4	1.5	1.5	1.6	1.6	1.7	1.8	1.8	1.9	1.9	2.0	2.0	2.1
SUE	5.0	4.7	5.0	6.1	6.2	6.4	7.7	7.3	7.3	7.3	7.4	7.5	7.6	7.6	7.7	7.8	7.9	7.9	8.0	8.1	8.2	8.2
AFE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AFN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AFS	.0	.0	.0	.0	.0	.0	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AFW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AUS	.0	.0	.0	.0	.0	.0	.0	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NWZ	1.3	.9	.5	.5	.5	.4	.4	.4	.6	1.2	1.2	1.4	1.6	1.4	1.7	2.2	2.6	2.9	3.2	3.5	4.2	4.8
OCN	.0	.0	.0	.0	.0	.0	.0	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2
TOT	29.4	23.6	27.8	28.8	33.1	34.6	34.5	37.6	36.4	37.1	36.9	37.3	37.0	36.0	35.4	35.8	36.4	36.9	37.4	37.9	38.4	39.0

BASE RUN (13 November 1989)

IMPORTS, CONIFEROUS SAWLOGS (million cubic meters)

	HISTORY								FORECAST													
REG	1980	1981	1982	1983	1984	1985	1986	1987	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
WST	.3	.2	.3	.4	.3	.2	.1	.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
EST	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
INT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ASK	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CAL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
USS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
USN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CBC	.0	.0	.0	.0	.1	.3	.5	.5	.3	.3	.3	.3	.3	.3	.3	.4	.4	.4	.4	.4	.4	.4
CIN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CEA	1.4	1.0	1.3	1.5	1.8	1.8	1.6	1.4	1.5	1.6	1.7	1.8	1.9	1.9	2.0	2.0	2.0	2.1	2.2	2.2	2.3	2.3
CAM	.1	.1	.0	.1	.0	.0	.0	.0	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
BRA	0.0	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SAN	.0	.1	.1	.1	.0	.0	.0	.0	0.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.1	.1	.1	.1
CHI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SAS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
FIN	.6	.5	.6	.5	.6	.6	.5	.5	.7	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2
SWE	.5	.4	.4	.3	.4	.5	.6	.8	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2
EUW	3.9	3.6	3.6	3.6	3.4	3.6	3.3	3.3	3.2	1.5	.8	.9	.8	.5	.5	.5	.5	.4	.4	.4	.4	.4
EUE	1.0	.9	.4	.6	.6	.6	.7	.6	.6	.7	.7	.8	.8	.9	.9	1.0	1.1	1.1	1.2	1.2	1.3	1.4
JPN	20.0	15.3	16.3	16.5	15.8	16.7	17.9	20.5	22.5	24.2	23.7	23.0	21.8	20.2	18.6	18.2	17.9	17.5	17.1	16.8	16.5	16.2
KOR	1.5	1.2	1.5	2.1	2.1	2.2	2.4	2.8	2.5	2.5	2.6	2.7	2.7	2.8	2.9	3.0	3.1	3.2	3.3	3.4	3.5	3.6
CHN	.6	1.0	3.0	5.3	6.7	7.5	5.9	5.7	4.2	5.1	5.9	6.7	7.4	8.0	8.7	9.3	10.0	10.6	11.2	11.8	12.4	13.0
THK	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
MAE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IDN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PHL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PNG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ICH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IND	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MDE	.1	.1	.1	.1	.1	.2	.2	.4	.3	.4	.4	.5	.5	.5	.6	.6	.7	.7	.7	.8	.8	.9
SUW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AFE	.0	.0	.0	.0	.0	.0	.0	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AFN	.2	.2	.3	.4	.4	.5	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3
AFS	0.0	.0	.0	.0	.0	.0	.0	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AFW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AUS	0.0	0.0	0.0	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NWZ	.0	.0	.0	.0	.0	.0	.0	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
OCN	.0	.0	.0	.0	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOT	30.3	24.7	28.2	31.6	32.3	34.7	34.0	37.2	36.4	37.1	36.9	37.3	37.0	36.0	35.4	35.8	36.4	36.9	37.4	37.9	38.4	39.0

BASE RUN (13 November 1989)

PRICES, CONIFEROUS SAWLOGS (1980 USD/cubic meter)

	HISTORY								FORECAST													
REG	1980	1981	1982	1983	1984	1985	1986	1987	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
WSV	56.3	52.8	42.3	41.8	40.4	38.1	40.4	43.5	43.2	44.5	45.1	45.1	45.1	45.9	45.9	46.1	46.1	46.3	46.3	46.4	46.3	46.2
WSB	56.3	52.8	42.3	41.8	40.4	38.1	40.4	43.5	43.2	44.5	45.1	45.1	45.1	45.9	45.9	46.1	46.1	46.3	46.3	46.4	46.3	46.2
ESV	44.4	38.0	32.7	38.3	34.0	35.9	37.3	39.2	38.8	41.7	42.2	42.3	42.1	42.1	41.9	41.8	41.7	41.8	41.9	42.0	42.2	42.5
ESB	44.4	38.0	32.7	38.3	34.0	35.9	37.3	39.2	38.8	41.7	42.2	42.3	42.1	42.1	41.9	41.8	41.7	41.8	41.9	42.0	42.2	42.5
INV	40.6	35.8	30.5	34.7	32.0	31.1	32.8	34.5	34.3	37.4	38.8	39.4	39.4	39.2	39.0	39.0	39.2	39.4	39.7	40.2	40.6	41.2
INB	40.6	35.8	30.5	34.7	32.0	31.1	32.8	34.5	34.3	37.4	38.8	39.4	39.4	39.2	39.0	39.0	39.2	39.4	39.7	40.2	40.6	41.2
ASK	106.5	88.1	85.9	75.5	68.7	67.4	71.3	82.5	82.2	83.5	84.1	84.1	84.1	84.9	84.9	85.1	85.1	85.3	85.3	85.4	85.3	85.2
CAL	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
USS	32.6	31.0	28.6	33.0	33.3	29.9	30.1	30.6	32.1	33.1	34.2	35.1	35.9	36.7	37.4	38.0	38.5	39.0	39.4	39.9	40.3	40.6
USN	27.7	26.3	27.6	27.1	24.0	27.9	26.9	30.0	30.1	30.3	30.6	30.9	31.1	31.5	31.7	32.0	32.3	32.6	33.0	33.3	33.7	34.0
CBC	42.5	35.7	34.8	36.5	32.8	30.6	30.5	34.2	35.0	34.6	34.6	34.5	34.4	34.4	34.4	34.3	34.3	34.2	34.2	34.2	34.2	34.2
CIN	20.7	17.9	17.3	18.5	17.2	16.5	17.6	17.6	18.0	18.0	18.0	18.1	18.1	18.8	19.2	19.3	19.4	19.5	19.5	19.5	19.5	19.4
CEA	22.9	22.3	19.3	25.4	24.0	23.7	23.6	25.1	26.1	26.1	26.1	26.1	26.1	26.2	26.3	26.4	26.5	26.7	26.8	27.0	27.1	27.3
CAM	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	49.7	51.0	51.6	51.6	51.6	52.4	52.4	52.6	52.6	52.8	52.8	52.9	52.8	52.7
BRA																						
SAN																						
CHI	25.2	19.1	18.8	13.8	13.7	14.4	14.4	16.3	16.2	17.3	17.9	17.9	17.9	18.7	18.7	18.9	18.9	19.1	19.1	19.2	19.1	19.0
SAS																						
FIN	51.5	43.7	36.3	34.7	35.0	33.7	40.6	44.4	44.5	45.0	45.1	45.1	45.1	45.1	45.1	45.1	45.2	45.2	45.3	45.3	45.4	45.5
SWE	67.8	47.9	39.5	38.0	40.6	40.3	50.9	60.1	54.7	53.3	53.4	53.3	53.2	53.1	53.4	53.6	53.8	54.0	54.2	54.5	54.7	54.9
EUW	91.3	70.7	60.9	50.0	47.4	42.8	61.3	65.0	64.9	66.0	66.6	66.6	66.6	66.8	66.8	66.8	66.9	66.9	67.0	67.1	67.2	67.3
EUE	63.4	61.9	61.5	62.0	59.2	58.6	60.8	62.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
JPN	178.9	142.8	120.1	113.2	105.4	104.8	138.8	167.3	167.1	168.4	169.0	169.0	169.0	169.8	169.8	170.0	170.0	170.2	170.2	170.3	170.2	170.1
KOR	159.4	108.0	103.9	85.4	105.9	77.6	81.0	101.9	101.6	102.9	103.5	103.5	103.5	104.3	104.3	104.5	104.5	104.7	104.7	104.8	104.7	104.6
CHN	47.0	80.0	80.0	81.0	82.0	82.0	82.0	82.0	81.7	83.0	83.6	83.6	83.6	84.4	84.4	84.6	84.6	84.8	84.8	84.9	84.8	84.7
THK	230.5	212.3	178.5	163.6	146.6	127.8	130.7	203.4	203.4	204.7	205.3	205.3	205.3	206.1	206.1	206.3	206.3	206.5	206.5	206.6	206.5	206.4
MAE																						
MAW																						
IDN																						
PHL																						
PNG																						
ICH																						
IND																						
MDE	0.0	0.0	0.0	0.0	112.0	112.0	118.0	118.0	117.7	118.6	118.7	118.7	118.7	118.7	118.7	118.7	118.8	118.8	118.9	118.9	119.0	119.1
SUW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	50.0	49.8	50.3	50.4	50.4	50.4	50.4	50.4	50.4	50.5	50.5	50.6	50.6	50.7	50.8
SUE	50.0	39.2	31.5	30.2	28.3	28.4	33.3	30.4	30.2	31.5	32.1	32.1	32.1	32.9	32.9	33.1	33.1	33.3	33.3	33.4	33.3	33.2
AFE																						
AFN	174.3	181.6	157.5	132.7	135.1	128.9	119.7	125.0	124.7	125.3	125.4	125.4	125.4	125.4	125.4	125.4	125.5	125.5	125.6	125.6	125.7	125.8
AFS																						
AFW																						
AUS																						
NWZ	15.2	13.8	14.1	14.0	14.1	14.9	21.9	26.9	26.7	28.0	28.6	28.6	28.6	29.4	29.4	29.6	29.6	29.8	29.8	29.9	29.8	29.7
OCN	117.0	73.0	72.0	50.0	55.0	45.0	45.0	45.0	44.8	46.1	46.7	46.7	46.7	47.5	47.5	47.7	47.7	47.9	47.9	48.0	47.9	47.8
AVE	53.2	45.3	39.6	38.2	36.5	34.3	39.6	42.3	42.3	43.3	43.9	44.1	44.3	44.9	45.1	45.3	45.5	45.7	45.9	46.1	46.2	46.4
FWA	50.2	42.7	37.1	37.2	35.6	33.9	39.0	42.3	42.4	43.3	43.8	44.1	44.2	44.6	44.8	45.0	45.1	45.3	45.5	45.7	45.8	46.0

BASE RUN (13 November 1989)

IMPORTS, CONIFEROUS SAWLOGS (million cubic meters)

	HISTORY								FORECAST													
REG	1980	1981	1982	1983	1984	1985	1986	1987	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
WST	.3	.2	.3	.4	.3	.2	.1	.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
EST	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
INT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ASK	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CAL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
USS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
USN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CBC	.0	.0	.0	.0	.1	.3	.5	.5	.3	.3	.3	.3	.3	.3	.3	.4	.4	.4	.4	.4	.4	.4
CIN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CEA	1.4	1.0	1.3	1.5	1.8	1.8	1.6	1.4	1.5	1.6	1.7	1.8	1.9	1.9	2.0	2.0	2.0	2.1	2.2	2.2	2.3	2.3
CAM	.1	.1	.0	.1	.0	.0	.0	.0	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
BRA	0.0	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SAN	.0	.1	.1	.1	.0	.0	.0	.0	0.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.1	.1	.1	.1
CHI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SAS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
FIN	.6	.5	.6	.5	.6	.6	.5	.5	.7	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2
SWE	.5	.4	.4	.3	.4	.5	.6	.8	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2
EUW	3.9	3.6	3.6	3.6	3.4	3.6	3.3	3.3	3.2	1.5	.8	.9	.8	.5	.5	.5	.5	.4	.4	.4	.4	.4
EUE	1.0	.9	.4	.6	.6	.6	.7	.6	.6	.7	.7	.8	.8	.9	.9	1.0	1.1	1.1	1.2	1.2	1.3	1.4
JPN	20.0	15.3	16.3	16.5	15.8	16.7	17.9	20.5	22.5	24.2	23.7	23.0	21.8	20.2	18.6	18.2	17.9	17.5	17.1	16.8	16.5	16.2
KOR	1.5	1.2	1.5	2.1	2.1	2.2	2.4	2.8	2.5	2.5	2.6	2.7	2.7	2.8	2.9	3.0	3.1	3.2	3.3	3.4	3.5	3.6
CHN	.6	1.0	3.0	5.3	6.7	7.5	5.9	5.7	4.2	5.1	5.9	6.7	7.4	8.0	8.7	9.3	10.0	10.6	11.2	11.8	12.4	13.0
THK	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
MAE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IDN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PHL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PNG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ICH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IND	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MDE	.1	.1	.1	.1	.1	.2	.2	.4	.3	.4	.4	.5	.5	.5	.6	.6	.7	.7	.7	.8	.8	.9
SUW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AFE	.0	.0	.0	.0	.0	.0	.0	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AFN	.2	.2	.3	.4	.4	.5	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3
AFS	0.0	.0	.0	.0	.0	.0	.0	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AFW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AUS	0.0	0.0	0.0	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NWZ	.0	.0	.0	.0	.0	.0	.0	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
OCN	.0	.0	.0	.0	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOT	30.3	24.7	28.2	31.6	32.3	34.7	34.0	37.2	36.4	37.1	36.9	37.3	37.0	36.0	35.4	35.8	36.4	36.9	37.4	37.9	38.4	39.0

BASE RUN (13 November 1989)

PRICES, CONIFEROUS SAWLOGS (1980 USD/cubic meter)

	HISTORY								FORECAST													
REG	1980	1981	1982	1983	1984	1985	1986	1987	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
WSV	56.3	52.8	42.3	41.8	40.4	38.1	40.4	43.5	43.2	44.5	45.1	45.1	45.1	45.9	45.9	46.1	46.1	46.3	46.3	46.4	46.3	46.2
WSB	56.3	52.8	42.3	41.8	40.4	38.1	40.4	43.5	43.2	44.5	45.1	45.1	45.1	45.9	45.9	46.1	46.1	46.3	46.3	46.4	46.3	46.2
ESV	44.4	38.0	32.7	38.3	34.0	35.9	37.3	39.2	38.8	41.7	42.2	42.3	42.1	42.1	41.9	41.8	41.7	41.8	41.9	42.0	42.2	42.5
ESB	44.4	38.0	32.7	38.3	34.0	35.9	37.3	39.2	38.8	41.7	42.2	42.3	42.1	42.1	41.9	41.8	41.7	41.8	41.9	42.0	42.2	42.5
INV	40.6	35.8	30.5	34.7	32.0	31.1	32.8	34.5	34.3	37.4	38.8	39.4	39.4	39.2	39.0	39.0	39.2	39.4	39.7	40.2	40.6	41.2
INB	40.6	35.8	30.5	34.7	32.0	31.1	32.8	34.5	34.3	37.4	38.8	39.4	39.4	39.2	39.0	39.0	39.2	39.4	39.7	40.2	40.6	41.2
ASK	106.5	88.1	85.9	75.5	68.7	67.4	71.3	82.5	82.2	83.5	84.1	84.1	84.1	84.9	84.9	85.1	85.1	85.3	85.3	85.4	85.3	85.2
CAL	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
USS	32.6	31.0	28.6	33.0	33.3	29.9	30.1	30.6	32.1	33.1	34.2	35.1	35.9	36.7	37.4	38.0	38.5	39.0	39.4	39.9	40.3	40.6
USN	27.7	26.3	27.6	27.1	24.0	27.9	26.9	30.0	30.1	30.3	30.6	30.9	31.1	31.5	31.7	32.0	32.3	32.6	33.0	33.3	33.7	34.0
CBC	42.5	35.7	34.8	36.5	32.8	30.6	30.5	34.2	35.0	34.6	34.6	34.5	34.4	34.4	34.4	34.3	34.3	34.2	34.2	34.2	34.2	34.2
CIN	20.7	17.9	17.3	18.5	17.2	16.5	17.6	17.6	18.0	18.0	18.0	18.1	18.1	18.8	19.2	19.3	19.4	19.5	19.5	19.5	19.5	19.4
CEA	22.9	22.3	19.3	25.4	24.0	23.7	23.6	25.1	26.1	26.1	26.1	26.1	26.1	26.2	26.3	26.4	26.5	26.7	26.8	27.0	27.1	27.3
CAM	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	49.7	51.0	51.6	51.6	51.6	52.4	52.4	52.6	52.6	52.8	52.8	52.9	52.8	52.7
BRA																						
SAN																						
CHI	25.2	19.1	18.8	13.8	13.7	14.4	14.4	16.3	16.2	17.3	17.9	17.9	17.9	18.7	18.7	18.9	18.9	19.1	19.1	19.2	19.1	19.0
SAS																						
FIN	51.5	43.7	36.3	34.7	35.0	33.7	40.6	44.4	44.5	45.0	45.1	45.1	45.1	45.1	45.1	45.1	45.2	45.2	45.3	45.3	45.4	45.5
SWE	67.8	47.9	39.5	38.0	40.6	40.3	50.9	60.1	54.7	53.3	53.4	53.3	53.2	53.1	53.4	53.6	53.8	54.0	54.2	54.5	54.7	54.9
EUW	91.3	70.7	60.9	50.0	47.4	42.8	61.3	65.0	64.9	66.0	66.6	66.6	66.6	66.8	66.8	66.8	66.9	66.9	67.0	67.1	67.2	67.3
EUE	63.4	61.9	61.5	62.0	59.2	58.6	60.8	62.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
JPN	178.9	142.8	120.1	113.2	105.4	104.8	138.8	167.3	167.1	168.4	169.0	169.0	169.0	169.8	169.8	170.0	170.0	170.2	170.2	170.3	170.2	170.1
KOR	159.4	108.0	103.9	85.4	105.9	77.6	81.0	101.9	101.6	102.9	103.5	103.5	103.5	104.3	104.3	104.5	104.5	104.7	104.7	104.8	104.7	104.6
CHN	47.0	80.0	80.0	81.0	82.0	82.0	82.0	82.0	81.7	83.0	83.6	83.6	83.6	84.4	84.4	84.6	84.6	84.8	84.8	84.9	84.8	84.7
THK	230.5	212.3	178.5	163.6	146.6	127.8	130.7	203.4	203.4	204.7	205.3	205.3	205.3	206.1	206.1	206.3	206.3	206.5	206.5	206.6	206.5	206.4
MAE																						
MAW																						
IDN																						
PHL																						
PNG																						
ICH																						
IND																						
MDE	0.0	0.0	0.0	0.0	112.0	112.0	118.0	118.0	117.7	118.6	118.7	118.7	118.7	118.7	118.7	118.7	118.8	118.8	118.9	118.9	119.0	119.1
SUW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	50.0	49.8	50.3	50.4	50.4	50.4	50.4	50.4	50.4	50.5	50.5	50.6	50.6	50.7	50.8
SUE	50.0	39.2	31.5	30.2	28.3	28.4	33.3	30.4	30.2	31.5	32.1	32.1	32.1	32.9	32.9	33.1	33.1	33.3	33.3	33.4	33.3	33.2
AFE																						
AFN	174.3	181.6	157.5	132.7	135.1	128.9	119.7	125.0	124.7	125.3	125.4	125.4	125.4	125.4	125.4	125.4	125.5	125.5	125.6	125.6	125.7	125.8
AFS																						
AFW																						
AUS																						
NWZ	15.2	13.8	14.1	14.0	14.1	14.9	21.9	26.9	26.7	28.0	28.6	28.6	28.6	29.4	29.4	29.6	29.6	29.8	29.8	29.9	29.8	29.7
OCN	117.0	73.0	72.0	50.0	55.0	45.0	45.0	45.0	44.8	46.1	46.7	46.7	46.7	47.5	47.5	47.7	47.7	47.9	47.9	48.0	47.9	47.8
AVE	53.2	45.3	39.6	38.2	36.5	34.3	39.6	42.3	42.3	43.3	43.9	44.1	44.3	44.9	45.1	45.3	45.5	45.7	45.9	46.1	46.2	46.4
FWA	50.2	42.7	37.1	37.2	35.6	33.9	39.0	42.3	42.4	43.3	43.8	44.1	44.2	44.6	44.8	45.0	45.1	45.3	45.5	45.7	45.8	46.0

TRADE FLOWS, HISTORICAL DATA: 1987 CONIFEROUS SAWLOGS (mm cum)

X\M	CBC	CEA	CAM	SAN	FIN	SWE	EUW	EUE	JPN	KOR	CHN	THK	MDE	AFN	TOT
WSV			.00	.00					10.24	2.04	2.79	.00	.28	.00	15.36
ASK	.29								1.51	.03	.10	.01			1.94
CAL									.13	.03					.16
USS			.00	.00											.00
USN		1.54													1.54
CBC									2.73	.29	.42				3.44
CHI			.00	.00			.04		.25	.33	.16		.54	.00	1.31
FIN						.28							.20	.00	.48
EUW						.24									.24
EUE							.50								.50
THK									.01						.01
SUW					.50	.18	.07	.55						.00	1.30
SUE									4.83	.13	2.30				7.26
NWZ									.34	.10	.02	.04			.49
OCN									.15						.15
TOT	.29	1.54	.00	.00	.50	.69	.61	.55	20.18	2.94	5.79	.05	1.01	.00	34.18

TRADE FLOWS, FORECAST: 1993 CONIFEROUS SAWLOGS (mm cum)

X\M	CBC	CEA	CAM	SAN	FIN	SWE	EUW	EUE	JPN	KOR	CHN	THK	MDE	AFN	TOT
WSV			0.00	0.00					8.74	0.00	4.13	0.00	0.00	0.00	12.87
ASK	.34								1.75	0.00	0.00	.03			2.12
CAL									.13	.03					.17
USS			0.00	0.00											0.00
USN		1.95													1.95
CBC									2.10	.15	.25				2.50
CHI			.07	.07			0.00		0.00	2.58	.75		0.00	0.00	3.47
FIN						0.00							.57	0.00	.57
EUW						0.00									0.00
EUE							.44								.44
THK									0.00						0.00
SUW					.19	.18	.07	.95						.31	1.69
SUE									4.04	.13	3.55				7.72
NWZ									1.72	0.00	0.00	0.00			1.72
OCN									.15						.15
TOT	.34	1.95	.07	.07	.19	.18	.50	.95	18.63	2.89	8.68	.03	.57	.31	35.35

TRADE FLOWS, FORECAST: 2000 CONIFEROUS SAWLOGS (mm cum)

X\M	CBC	CEA	CAM	SAN	FIN	SWE	EUW	EUE	JPN	KOR	CHN	THK	MDE	AFN	TOT
WSV			0.00	0.00					4.66	0.00	3.39	0.00	0.00	0.00	8.05
ASK	.40								1.57	0.00	0.00	.03			2.00
CAL									.13	.03					.17
USS			0.00	0.00											0.00
USN		2.30													2.30
CBC									1.70	.10	.20				2.00
CHI			.10	.12			0.00		0.00	3.35	4.41		0.00	0.00	7.98
FIN						0.00							.85	0.00	.85
EUW						0.00									0.00
EUE							.30								.30
THK									0.00						0.00
SUW					.18	.18	.07	1.35						.33	2.10
SUE									3.12	.13	5.00				8.25
NWZ									4.82	0.00	0.00	0.00			4.82
OCN									.15						.15
TOT	.40	2.30	.10	.12	.18	.18	.37	1.35	16.16	3.61	13.00	.03	.85	.33	38.98

BASE RUN (13 November 1989)

PRODUCTION, CONIFEROUS PULPWOOD (million cubic meters)

	HISTORY								FORECAST													
REG	1980	1981	1982	1983	1984	1985	1986	1987	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
WSV	26.3	24.4	20.2	25.0	23.3	22.8	25.0	27.0	26.8	26.6	26.5	26.6	27.1	27.2	27.3	27.0	26.9	26.6	26.3	26.0	25.8	25.6
WSB	5.4	4.4	2.5	4.4	4.3	4.6	4.6	4.4	4.8	4.3	4.2	4.4	4.9	5.1	5.1	5.0	5.1	5.0	5.0	5.0	4.9	4.9
ESV	2.2	2.0	1.7	2.3	2.0	1.9	2.0	2.2	3.6	3.3	3.2	3.2	3.8	3.8	3.9	4.0	4.1	4.2	4.3	4.3	4.4	4.5
ESB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
INV	7.5	8.9	12.5	9.3	12.9	12.1	12.9	12.6	12.2	12.5	12.7	13.0	13.3	13.5	13.8	14.1	14.4	14.8	15.1	15.4	15.7	16.0
INB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ASK	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CAL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
USS	90.4	89.0	85.5	89.9	92.8	90.2	95.1	101.1	101.2	103.3	104.8	106.8	110.3	112.6	114.3	116.1	117.9	119.7	121.4	123.1	124.7	126.3
USN	14.2	13.9	14.5	13.9	14.5	14.3	11.9	11.4	11.4	11.8	12.5	13.6	13.9	14.2	14.5	14.8	15.2	15.5	15.9	16.2	16.6	16.9
CBC	20.1	13.8	12.7	14.5	13.9	15.2	14.6	16.8	16.5	16.8	17.2	17.9	19.1	20.0	20.5	20.7	20.7	20.9	21.0	21.0	21.0	21.0
CIN	26.0	22.8	17.9	25.7	27.0	28.0	29.0	33.4	32.6	33.5	34.7	36.8	40.5	45.5	49.1	49.9	50.4	50.9	51.4	51.5	51.2	50.9
CEA	48.1	49.2	41.2	47.2	50.3	52.2	57.1	59.0	59.1	61.0	61.1	61.7	61.5	61.3	61.1	62.3	63.4	64.5	65.6	66.7	67.7	68.8
CAM	2.5	2.3	2.3	2.2	2.6	2.7	2.7	2.7	2.7	2.7	3.1	3.1	3.1	3.1	3.1	3.2	3.2	3.3	3.4	3.4	3.5	3.6
BRA	5.4	5.4	5.4	5.4	4.2	4.9	5.1	5.2	5.2	5.9	6.1	6.4	7.4	9.1	10.4	10.7	11.0	11.3	11.6	11.9	12.2	12.5
SAN	.1	.2	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.2	.2	.2	.2	.2	.2	.2	.2	.2
CHI	3.2	3.6	3.2	3.9	4.1	4.2	4.3	5.0	4.8	5.3	6.0	6.7	6.9	8.7	8.7	8.8	8.9	9.1	9.2	9.7	10.2	10.7
SAS	.6	.4	.8	1.7	1.8	1.8	1.8	1.8	1.8	1.8	1.8	2.1	2.4	2.4	2.4	2.4	2.5	2.5	2.6	2.6	2.7	2.7
FIN	26.9	26.6	21.4	21.8	23.9	24.5	25.3	26.9	27.1	28.5	29.2	29.2	29.1	29.0	30.0	31.0	31.8	32.7	33.6	34.5	35.4	36.3
SWE	28.8	26.6	25.6	28.1	29.1	28.0	27.1	29.8	29.3	29.9	30.6	31.2	31.7	32.2	33.1	34.0	34.8	35.7	36.5	37.3	38.2	39.0
EUW	40.6	40.0	42.1	41.2	43.3	44.1	44.8	45.5	45.3	47.0	48.0	48.4	48.6	48.8	50.3	51.4	52.6	53.8	55.0	56.1	57.3	58.4
EUE	12.0	11.8	13.3	13.2	14.0	13.7	14.4	14.4	14.4	14.5	14.6	14.7	14.8	14.9	15.0	15.1	15.2	15.3	15.4	15.5	15.6	15.7
JPN	8.8	8.2	8.2	8.5	8.6	8.8	8.8	8.9	8.9	9.5	9.9	10.2	10.6	10.8	10.9	11.2	11.4	11.7	11.9	12.2	12.4	12.6
KOR	.4	.5	.4	.4	.4	.5	.5	.5	.5	.5	.6	.6	.6	.6	.7	.7	.7	.8	.8	.8	.8	.9
CHN	3.1	2.9	2.9	3.0	3.5	3.5	3.5	3.5	3.5	3.6	3.7	3.9	4.0	4.1	4.2	4.3	4.4	4.5	4.7	4.8	4.9	5.0
THK	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
MAE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IDN	.1	.1	.1	.2	.2	.3	.3	.2	.2	.3	.9	.9	.9	.9	.9	1.0	1.0	1.0	1.0	1.0	1.1	1.1
PHL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PNG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ICH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IND	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2
MDE	.6	.6	.6	.6	.4	.3	.3	.3	.3	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4
SUW	27.2	27.1	26.7	27.0	27.7	27.6	28.9	29.5	29.5	29.7	30.0	30.2	30.4	30.6	30.8	31.1	31.3	31.5	31.7	32.0	32.2	32.4
SUE	2.7	2.7	2.5	2.5	2.6	2.5	2.8	2.9	2.9	3.1	3.2	3.3	3.3	3.4	3.5	3.6	3.7	3.7	3.8	3.9	4.0	4.1
AFE	.3	.3	.3	.4	.4	.4	.9	.4	.4	.7	.8	.8	.8	.8	.8	.8	.9	.9	.9	.9	.9	.9
AFN	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
AFS	2.9	3.2	3.3	3.5	3.0	3.0	3.0	3.0	3.0	3.2	3.3	3.4	3.4	3.5	3.6	3.6	3.7	3.8	3.9	4.0	4.1	4.1
AFW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AUS	1.5	2.0	2.1	2.4	2.3	2.8	2.9	3.3	3.3	3.9	4.0	4.1	5.0	5.9	6.0	6.1	6.3	6.5	6.6	6.8	7.0	7.1
NWZ	4.5	4.9	4.7	4.8	4.5	4.8	4.8	4.8	4.6	5.3	5.5	5.7	5.9	6.5	6.6	6.7	6.9	7.2	7.4	7.7	8.3	8.9
OCN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOT	412.9	398.0	375.1	403.2	418.0	419.8	434.6	456.9	456.3	469.3	478.7	489.4	504.1	519.3	531.3	540.4	549.3	558.1	566.7	575.3	583.6	591.9

BASE RUN (13 November 1989)

PRODUCTION, CONIFEROUS PULPWOOD (million cubic meters) ROUNDWOOD ONLY

	HISTORY								FORECAST													
REG	1980	1981	1982	1983	1984	1985	1986	1987	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
WSV	13.4	12.6	9.4	10.3	8.1	7.9	7.7	8.2	9.1	9.7	9.9	10.2	10.8	11.1	11.3	11.1	11.1	10.9	10.6	10.4	10.2	9.9
WSB	5.4	4.4	2.5	4.4	4.3	4.6	4.6	4.4	4.8	4.3	4.2	4.4	4.9	5.1	5.1	5.0	5.1	5.0	5.0	5.0	4.9	4.9
ESV	.1	.1	.1	.1	.1	.1	.1	.1	0.0	0.0	0.0	0.0	.6	.7	.7	.8	.8	.9	1.0	1.0	1.1	1.1
ESB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
INV	.9	1.0	1.0	1.1	1.1	1.2	1.2	1.3	1.2	1.6	1.8	2.1	2.3	2.4	2.5	2.6	2.7	2.8	3.0	3.1	3.2	3.4
INB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ASK	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CAL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
USS	63.5	60.6	56.6	56.4	58.3	55.5	57.6	61.6	63.7	64.7	65.1	66.4	69.3	71.2	72.6	74.2	75.9	77.7	79.4	81.2	82.9	84.7
USN	10.7	10.6	11.4	10.3	11.6	11.2	9.5	9.0	8.9	9.2	9.9	10.8	11.1	11.2	11.4	11.7	11.9	12.2	12.4	12.7	12.9	13.2
CBC	8.7	6.2	5.6	5.8	6.4	7.6	7.6	8.0	7.8	8.2	8.5	9.2	10.4	11.2	11.7	11.8	11.8	11.9	12.0	12.0	11.9	11.9
CIN	11.4	10.3	5.2	10.7	12.6	10.4	11.0	12.5	11.1	12.0	12.9	14.9	18.4	23.3	26.8	27.5	27.8	28.2	28.4	28.3	27.9	27.3
CEA	30.3	33.0	24.9	30.3	33.6	32.8	34.0	35.5	35.0	36.7	36.4	36.6	36.0	35.4	34.7	35.4	36.0	36.6	37.2	37.7	38.2	38.7
CAM	2.5	2.3	2.3	2.2	2.6	2.7	2.7	2.7	2.7	2.7	3.1	3.1	3.1	3.1	3.1	3.2	3.2	3.3	3.4	3.4	3.5	3.6
BRA	5.4	5.4	5.4	5.4	4.2	4.9	5.1	5.2	5.2	5.9	6.1	6.4	7.4	9.1	10.4	10.7	11.0	11.3	11.6	11.9	12.2	12.5
SAN	.1	.2	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.2	.2	.2	.2	.2	.2	.2	.2	.2
CHI	2.7	3.3	2.9	3.5	3.7	3.6	3.8	4.4	4.4	4.8	5.5	6.1	6.3	8.0	7.9	8.0	8.1	8.1	8.2	8.6	9.0	9.4
SAS	.6	.4	.8	1.7	1.8	1.8	1.8	1.8	1.8	1.8	1.8	2.1	2.4	2.4	2.4	2.4	2.5	2.5	2.6	2.6	2.7	2.7
FIN	18.5	19.2	14.9	14.5	16.1	17.4	17.7	18.7	18.7	20.2	20.7	20.7	20.6	20.4	21.4	22.3	23.1	24.0	24.8	25.6	26.5	27.3
SWE	19.0	17.2	16.8	19.0	20.0	19.6	18.7	21.4	21.4	22.0	22.8	23.4	24.1	24.6	25.6	26.6	27.5	28.5	29.4	30.4	31.3	32.2
EUW	23.7	24.0	26.2	24.7	26.7	27.4	27.9	28.5	27.7	29.3	30.0	30.2	30.3	30.3	31.5	32.4	33.4	34.4	35.3	36.3	37.2	38.2
EUE	12.0	11.8	13.3	13.2	14.0	13.7	14.4	14.4	14.4	14.5	14.6	14.7	14.8	14.9	15.0	15.1	15.2	15.3	15.4	15.5	15.6	15.7
JPN	2.7	2.5	2.7	3.1	3.3	3.4	3.4	3.1	3.0	3.2	3.3	3.5	3.8	4.0	4.2	4.2	4.3	4.4	4.4	4.5	4.5	4.6
KOR	.4	.5	.4	.4	.4	.5	.5	.5	.5	.5	.5	.5	.5	.4	.4	.4	.4	.4	.4	.3	.3	.3
CHN	3.1	2.9	2.9	3.0	3.5	3.5	3.5	3.5	3.5	3.6	3.7	3.9	4.0	4.1	4.2	4.3	4.4	4.5	4.7	4.8	4.9	5.0
THK	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IDN	.1	.1	.1	.2	.2	.3	.3	.2	.2	.3	.9	.9	.9	.9	.9	1.0	1.0	1.0	1.0	1.0	1.1	1.1
PHL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PNG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ICH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IND	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2
MDE	.6	.6	.6	.6	.4	.3	.3	.3	.3	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4
SUW	27.2	27.1	26.7	27.0	27.7	27.6	28.9	29.5	29.5	29.7	30.0	30.2	30.4	30.6	30.8	31.1	31.3	31.5	31.7	32.0	32.2	32.4
SUE	2.7	2.7	2.5	2.5	2.6	2.5	2.8	2.9	2.9	3.1	3.2	3.3	3.3	3.4	3.5	3.6	3.7	3.7	3.8	3.9	4.0	4.1
AFE	.3	.3	.3	.4	.4	.4	.9	.4	.4	.7	.8	.8	.8	.8	.8	.8	.9	.9	.9	.9	.9	.9
AFN	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
AFS	2.9	3.2	3.3	3.5	3.0	3.0	3.0	3.0	3.0	3.2	3.3	3.4	3.4	3.5	3.6	3.6	3.7	3.8	3.9	4.0	4.1	4.1
AFW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AUS	1.0	1.4	1.6	1.9	1.8	2.2	2.3	2.7	2.7	3.3	3.3	3.3	4.2	5.0	5.1	5.1	5.2	5.3	5.4	5.5	5.6	5.6
NWZ	3.3	3.6	3.6	3.5	3.3	3.4	3.4	3.5	3.5	4.2	4.4	4.6	4.8	5.3	5.3	5.4	5.6	5.9	6.1	6.4	6.9	7.5
OCN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOT	273.8	267.4	244.2	259.8	272.1	269.6	274.9	287.6	288.0	300.3	307.4	316.3	329.3	343.1	353.7	361.2	368.6	375.8	382.9	389.8	396.6	403.2

BASE RUN (13 November 1989)

PRODUCTION, CONIFEROUS PULPWOOD (million cubic meters) RESIDUES ONLY

	HISTORY								FORECAST													
REG	1980	1981	1982	1983	1984	1985	1986	1987	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
WST	12.9	11.8	10.8	14.7	15.2	14.9	17.3	18.8	17.7	16.9	16.5	16.4	16.4	16.1	16.0	15.9	15.8	15.7	15.7	15.6	15.6	15.7
EST	2.1	2.0	1.6	2.2	1.9	1.8	2.0	2.1	3.6	3.3	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.3	3.3	3.3	3.4	3.4
INT	6.6	7.9	11.5	8.2	11.8	11.0	11.6	11.3	11.0	10.8	10.9	10.9	11.0	11.2	11.3	11.5	11.7	11.9	12.1	12.3	12.5	12.7
ASK	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CAL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
USS	27.0	28.5	28.9	33.5	34.6	34.7	37.6	39.6	37.5	38.6	39.6	40.4	41.0	41.4	41.7	41.9	42.0	42.0	42.0	41.9	41.8	41.7
USN	3.5	3.4	3.0	3.5	2.9	3.2	2.4	2.5	2.5	2.6	2.7	2.8	2.8	2.9	3.0	3.1	3.2	3.3	3.4	3.5	3.6	3.8
CBC	11.4	7.6	7.1	8.7	7.4	7.5	7.1	8.8	8.7	8.7	8.7	8.7	8.7	8.8	8.8	8.9	8.9	8.9	9.0	9.1	9.1	9.2
CIN	14.6	12.4	12.7	15.1	14.4	17.6	18.0	20.9	21.5	21.5	21.7	21.9	22.2	22.2	22.3	22.4	22.6	22.8	22.9	23.1	23.3	23.5
CEA	17.9	16.2	16.3	17.0	16.6	19.4	23.1	23.5	24.1	24.2	24.7	25.1	25.5	25.9	26.4	26.8	27.3	27.8	28.4	28.9	29.5	30.1
CAM	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
BRA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SAN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CHI	.5	.3	.3	.5	.4	.7	.4	.6	.4	.5	.5	.6	.6	.7	.7	.8	.9	.9	1.0	1.1	1.2	1.2
SAS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
FIN	8.4	7.4	6.5	7.3	7.8	7.1	7.6	8.1	8.3	8.3	8.4	8.5	8.5	8.6	8.6	8.7	8.7	8.8	8.8	8.9	8.9	9.0
SWE	9.8	9.4	8.9	9.1	9.1	8.4	8.4	8.4	7.9	7.9	7.8	7.7	7.7	7.6	7.5	7.4	7.3	7.2	7.1	7.0	6.9	6.7
EUW	16.8	16.1	16.0	16.4	16.6	16.7	16.9	17.0	17.6	17.7	18.0	18.2	18.4	18.6	18.8	19.0	19.2	19.4	19.6	19.9	20.1	20.3
EUE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
JPN	6.0	5.7	5.5	5.4	5.3	5.4	5.5	5.8	5.8	6.4	6.6	6.7	6.8	6.8	6.8	7.0	7.1	7.3	7.5	7.7	7.8	8.0
KOR	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	.0	.1	.1	.2	.2	.2	.3	.3	.4	.4	.5	.5	.6
CHN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
THK	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
MAE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IDN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PHL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PNG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ICH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IND	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MDE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AFE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AFN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AFS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AFW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AUS	.5	.6	.5	.5	.5	.6	.6	.6	.6	.6	.7	.7	.8	.9	.9	1.0	1.1	1.2	1.2	1.3	1.4	1.5
NWZ	1.2	1.3	1.2	1.2	1.2	1.4	1.4	1.3	1.1	1.1	1.1	1.1	1.2	1.2	1.2	1.3	1.3	1.3	1.3	1.3	1.4	1.4
OCN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOT	139.1	130.6	130.9	143.4	145.9	150.2	159.7	169.3	168.3	169.1	171.3	173.1	174.8	176.2	177.6	179.2	180.7	182.3	183.9	185.4	187.1	188.7

BASE RUN (13 November 1989)

CONSUMPTION, CONIFEROUS PULPWOOD (million cubic meters)

	HISTORY								FORECAST													
REG	1980	1981	1982	1983	1984	1985	1986	1987	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
WST	28.5	26.8	21.4	28.9	27.5	25.6	27.6	28.4	28.4	28.9	29.4	29.8	30.3	30.7	31.2	31.7	32.1	32.6	33.1	33.5	34.0	34.5
EST	2.2	2.0	1.7	2.3	2.0	1.9	2.0	2.2	3.6	3.3	3.2	3.2	3.8	3.8	3.9	4.0	4.1	4.2	4.3	4.3	4.4	4.5
INT	6.0	8.2	12.1	8.6	12.2	11.5	12.2	12.2	12.2	12.5	12.7	13.0	13.3	13.5	13.8	14.1	14.4	14.8	15.1	15.4	15.7	16.0
ASK	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CAL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
USS	89.6	87.5	84.9	89.5	92.6	90.0	95.0	101.2	101.2	103.3	104.8	106.8	110.3	112.6	114.3	116.1	117.9	119.7	121.4	123.1	124.7	126.3
USN	15.2	14.8	15.4	14.7	15.7	14.7	12.2	11.9	11.9	12.2	13.0	14.0	14.3	14.6	14.9	15.3	15.6	15.9	16.3	16.6	17.0	17.3
CBC	19.9	14.8	11.3	15.7	15.0	18.1	17.9	20.8	20.1	20.8	21.3	21.7	22.3	23.2	23.7	24.2	24.8	25.4	25.9	26.4	27.0	27.6
CIN	23.9	19.7	17.0	21.8	21.7	22.9	23.8	27.7	26.9	27.1	27.9	30.3	34.9	38.3	40.6	40.2	39.6	39.0	38.3	37.6	36.7	35.9
CEA	47.1	48.3	40.4	46.4	49.1	51.8	56.8	58.6	58.7	60.5	60.7	61.2	61.1	60.9	60.7	61.8	63.0	64.1	65.2	66.3	67.3	68.4
CAM	2.5	2.3	2.3	2.2	2.6	2.7	2.7	2.7	2.7	2.7	3.1	3.1	3.1	3.1	3.1	3.2	3.2	3.3	3.4	3.4	3.5	3.6
BRA	5.4	5.4	5.4	5.4	4.2	4.9	5.1	5.2	5.2	5.9	6.1	6.4	7.4	9.1	10.4	10.7	11.0	11.3	11.6	11.9	12.2	12.5
SAN	.1	.2	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.2	.2	.2	.2	.2	.2	.2	.2	.2
CHI	3.2	3.6	3.2	3.9	4.1	4.2	4.2	4.4	4.4	4.6	4.8	5.4	5.9	8.7	8.7	8.8	8.9	9.1	9.2	9.3	9.4	9.5
SAS	.6	.4	.8	1.7	1.8	1.8	1.8	1.8	1.8	1.8	1.8	2.1	2.4	2.4	2.4	2.4	2.5	2.5	2.6	2.6	2.7	2.7
FIN	27.9	27.3	24.2	25.9	28.1	27.4	27.1	28.8	28.7	30.5	31.3	31.7	31.8	32.2	34.0	34.8	35.6	36.3	37.1	37.9	38.6	39.4
SWE	30.7	30.1	27.3	29.8	31.6	31.1	31.1	34.9	34.9	35.7	36.2	36.3	36.3	36.1	35.9	36.4	36.9	37.5	38.0	38.5	38.9	39.4
EUW	42.3	40.9	42.6	41.5	43.5	44.5	43.7	44.5	44.4	47.1	48.2	48.4	48.8	49.0	50.6	51.7	52.7	53.8	54.9	55.9	57.0	58.1
EUE	10.2	9.7	13.5	11.3	11.1	10.7	12.1	12.3	12.2	12.2	12.2	12.2	12.3	12.3	12.3	12.5	12.8	13.0	13.3	13.5	13.8	14.0
JPN	18.3	15.3	14.5	14.3	14.9	14.9	15.1	15.7	15.7	16.1	16.5	16.8	17.2	17.6	18.0	18.4	18.8	19.1	19.5	19.9	20.3	20.7
KOR	.4	.5	.4	.4	.4	.5	.5	.5	.5	.5	.6	.6	.6	.6	.7	.7	.7	.8	.8	.8	.8	.9
CHN	3.1	2.9	2.9	3.0	3.5	3.5	3.5	3.8	3.8	3.8	3.9	4.0	4.2	4.3	5.1	5.2	5.3	5.4	5.5	5.7	5.8	5.9
THK	.0	.0	.0	.0	.0	.0	.0	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IDN	.1	.1	.1	.2	.2	.3	.3	.2	.2	.3	.9	.9	.9	.9	.9	1.0	1.0	1.0	1.0	1.0	1.1	1.1
PHL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PNG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ICH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IND	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2
MDE	.6	.6	.6	.6	.4	.3	.4	.4	.3	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4
SUW	24.5	24.3	24.2	24.1	24.6	24.6	25.7	25.4	25.4	24.0	24.5	25.0	25.5	26.0	26.5	27.2	27.8	28.4	29.0	29.6	30.3	30.9
SUE	1.8	1.8	1.7	1.7	1.7	1.7	1.5	1.7	1.7	2.1	2.1	2.2	2.2	2.2	2.3	2.3	2.4	2.4	2.5	2.6	2.6	2.7
AFE	.3	.3	.3	.4	.4	.4	.9	.4	.4	.7	.8	.8	.8	.8	.8	.8	.9	.9	.9	.9	.9	.9
AFN	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
AFS	2.9	3.2	3.3	3.5	3.0	3.0	3.0	3.0	3.0	3.2	3.3	3.4	3.4	3.5	3.6	3.6	3.7	3.8	3.9	4.0	4.1	4.1
AFW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AUS	1.5	2.0	2.1	2.4	2.3	2.8	2.9	3.3	3.3	3.8	3.8	3.9	4.7	5.6	5.7	5.8	6.0	6.1	6.2	6.3	6.5	6.6
NWZ	4.4	4.7	4.6	4.5	4.4	4.6	4.5	4.4	4.5	4.8	5.2	5.4	5.8	6.5	6.6	6.7	6.8	7.0	7.1	7.2	7.4	7.5
OCN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOT	413.5	398.1	378.6	404.9	419.1	420.6	433.8	456.4	456.3	469.3	478.7	489.4	504.1	519.3	531.3	540.4	549.3	558.1	566.7	575.3	583.6	591.9

BASE RUN (13 November 1989)

EXPORTS, CONIFEROUS PULPWOOD (million cubic meters)

	HISTORY								FORECAST													
REG	1980	1981	1982	1983	1984	1985	1986	1987	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
WST	5.8	4.4	3.8	3.4	3.2	3.3	3.4	3.9	3.2	2.0	1.3	1.2	1.8	1.5	1.2	.3	0.0	0.0	0.0	0.0	0.0	0.0
EST	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
INT	1.6	.7	.4	.7	.7	.6	.6	.4	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ASK	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CAL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
USS	.9	1.5	.7	.4	.2	.1	.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
USN	.3	.4	.3	.3	.5	.5	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4
CBC	2.5	2.4	2.5	2.9	4.2	2.4	2.4	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CIN	2.0	3.0	.9	4.0	5.3	5.1	5.2	5.7	5.7	6.4	6.8	6.5	5.7	7.2	8.4	9.8	10.8	11.9	13.0	13.9	14.5	15.0
CEA	1.4	1.3	1.2	1.2	1.7	.8	.6	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8
CAM	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
BRA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SAN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CHI	0.0	0.0	0.0	0.0	0.0	.0	.1	.6	.4	.6	1.2	1.3	1.0	0.0	0.0	0.0	0.0	0.0	.0	.4	.8	1.1
SAS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
FIN	.6	1.0	.3	.0	.2	.2	.6	.6	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8
SWE	.5	.5	.4	.3	.4	.3	.3	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4
EUW	3.3	3.4	3.5	3.1	3.6	4.6	5.4	5.5	1.2	.2	.1	.3	.2	.1	0.0	.1	.2	.3	.4	.5	.6	.7
EUE	3.2	3.3	.8	3.0	4.1	4.2	3.4	3.3	2.2	2.3	2.4	2.5	2.6	2.6	2.7	2.6	2.4	2.3	2.1	2.0	1.8	1.7
JPN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
KOR	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CHN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
THK	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
MAE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IDN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PHL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PNG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ICH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IND	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MDE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUW	2.7	2.9	2.5	2.9	3.1	3.0	3.2	4.1	4.1	5.7	5.4	5.2	4.9	4.6	4.3	3.9	3.5	3.1	2.7	2.3	1.9	1.5
SUE	.9	.8	.8	.8	.9	.8	1.3	1.2	1.2	1.0	1.1	1.1	1.1	1.2	1.2	1.2	1.3	1.3	1.3	1.3	1.4	1.4
AFE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AFN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AFS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AFW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AUS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	.1	.2	.2	.2	.3	.3	.3	.3	.4	.4	.4	.5	.5
NWZ	.2	.2	.1	.3	.1	.1	.3	.3	.1	.5	.3	.3	.1	0.0	0.0	0.0	.1	.2	.3	.5	1.0	1.4
OCN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOT	25.8	25.7	18.1	23.3	28.0	26.0	27.5	29.5	20.6	21.3	21.2	20.9	20.0	20.0	20.5	20.6	20.9	21.9	22.8	23.8	24.8	25.7

BASE RUN (13 November 1989)

IMPORTS, CONIFEROUS PULPWOOD (million cubic meters)

	HISTORY								FORECAST													
REG	1980	1981	1982	1983	1984	1985	1986	1987	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
WST	2.5	2.4	2.6	2.9	3.1	1.5	1.4	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	.2	1.0	1.8	2.6	3.3	4.0
EST	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
INT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ASK	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CAL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
USS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
USN	1.4	1.3	1.2	1.2	1.7	.8	.6	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8
CBC	2.3	3.3	1.1	4.2	5.3	5.3	5.7	6.2	3.5	4.0	4.1	3.8	3.2	3.2	3.2	3.6	4.1	4.5	4.9	5.4	6.0	6.5
CIN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CEA	.3	.4	.3	.3	.5	.5	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4
CAM	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
BRA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SAN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CHI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SAS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
FIN	1.6	1.7	3.1	4.1	4.4	3.1	2.4	2.5	2.5	2.8	2.9	3.3	3.5	4.0	4.8	4.6	4.5	4.4	4.3	4.2	4.0	3.9
SWE	2.4	4.0	2.1	1.9	2.9	3.4	4.3	5.5	6.0	6.3	6.0	5.6	5.0	4.3	3.1	2.8	2.5	2.2	1.9	1.5	1.2	.9
EUW	5.0	4.3	3.9	3.5	3.8	5.0	4.3	4.5	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3
EUE	1.3	1.2	1.0	1.1	1.2	1.2	1.2	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
JPN	9.5	7.1	6.3	5.8	6.2	6.1	6.3	6.8	6.9	6.6	6.6	6.6	6.6	6.8	7.0	7.2	7.3	7.4	7.6	7.7	7.9	8.1
KOR	.0	.0	0.0	0.0	.0	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CHN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	.2	.2	.2	.2	.2	.2	.2	.9	.9	.9	.9	.9	.9	.9	.9
THK	.0	.0	.0	.0	.0	.0	.0	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IDN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PHL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PNG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ICH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IND	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MDE	.0	.0	.0	.0	.0	.0	.0	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AFE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AFN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AFS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AFW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AUS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NWZ	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
OCN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOT	26.4	25.8	21.6	25.0	29.1	26.8	26.7	29.1	20.6	21.3	21.2	20.9	20.0	20.0	20.5	20.6	20.9	21.9	22.8	23.8	24.8	25.7

BASE RUN (13 November 1989)

PRICES, CONIFEROUS PULPWOOD (1980 USD/cubic meter)

	HISTORY								FORECAST													
REG	1980	1981	1982	1983	1984	1985	1986	1987	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
WSV	43.2	38.3	36.6	30.1	30.6	32.0	32.0	31.9	31.8	32.1	32.5	33.3	34.5	35.3	35.7	35.8	36.2	36.3	36.3	36.3	36.3	36.2
WSB																						
ESV																						
ESB																						
INV	30.5	26.9	22.8	26.0	24.0	23.3	24.6	25.9	25.4	34.2	38.0	39.4	39.4	39.2	39.0	39.0	39.2	39.4	39.7	40.2	40.6	41.2
INB																						
ASK																						
CAL																						
USS	20.4	22.1	22.9	21.0	21.7	20.4	21.1	21.5	21.8	21.9	22.0	22.2	22.7	23.0	23.3	23.6	24.0	24.3	24.6	25.0	25.3	25.7
USN	20.4	22.1	22.9	21.0	21.7	20.4	21.1	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5
CBC	18.8	21.5	20.5	13.9	13.7	15.3	14.8	17.3	17.5	17.9	18.2	19.0	20.2	21.0	21.4	21.5	21.6	21.7	21.7	21.7	21.7	21.6
CIN	13.1	15.0	14.2	10.9	11.6	13.4	14.2	15.4	15.3	15.7	16.0	16.8	18.0	18.8	19.2	19.3	19.4	19.5	19.5	19.5	19.5	19.4
CEA	19.7	20.1	21.6	21.5	21.0	23.4	23.2	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1
CAM																						
BRA																						
SAN																						
CHI	9.1	8.7	8.8	6.9	6.8	6.4	7.8	8.6	8.5	8.9	9.2	10.0	11.2	18.7	18.7	18.9	18.9	19.1	12.7	12.7	12.7	12.6
SAS																						
FIN	36.5	34.8	32.1	27.6	27.3	27.5	34.6	35.2	35.2	35.6	35.8	35.7	35.6	35.5	35.8	36.0	36.2	36.4	36.6	36.9	37.1	37.3
SWE	50.6	43.0	37.8	33.4	35.2	34.6	44.4	52.8	52.8	53.2	53.4	53.3	53.2	53.1	53.4	53.6	53.8	54.0	54.2	54.5	54.7	54.9
EUW	42.2	35.7	32.0	25.3	21.3	23.4	30.2	32.0	31.7	32.1	32.3	32.2	32.1	32.0	32.3	32.5	32.7	32.9	33.1	33.4	33.6	33.8
EUE	34.2	32.4	34.1	28.2	25.3	25.3	30.1	30.1	29.8	30.2	30.4	30.3	30.2	30.1	30.4	30.6	30.8	31.0	31.2	31.5	31.7	31.9
JPN	46.3	40.3	32.8	33.2	32.8	34.0	47.4	50.9	50.8	51.2	51.5	52.3	53.5	54.3	54.7	54.8	54.9	55.0	55.0	55.0	55.0	54.9
KOR																						
CHN	40.0	29.3	26.0	21.3	22.5	25.3	21.5	26.1	26.0	26.4	26.7	27.5	28.7	29.5	29.9	30.0	30.1	30.2	30.2	30.2	30.2	30.1
THK	68.6	55.7	47.8	38.2	37.5	37.7	34.7	49.1	48.9	49.3	49.6	50.4	51.6	52.4	52.8	52.9	53.0	53.1	53.1	53.1	53.1	53.0
MAE																						
MAW																						
IDN																						
PHL																						
PNG																						
ICH																						
IND																						
MDE																						
SUW	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	29.7	30.1	30.3	30.2	30.1	30.0	30.3	30.5	30.7	30.9	31.1	31.4	31.6	31.8
SUE	24.0	17.3	13.8	14.1	14.7	15.8	16.9	14.4	14.3	14.7	15.0	15.8	17.0	17.8	18.2	18.3	18.4	18.5	18.5	18.5	18.5	18.4
AFE																						
AFN																						
AFS																						
AFW																						
AUS																						
NWZ	6.6	6.8	7.2	6.7	6.6	7.5	9.0	7.1	6.9	7.3	7.6	8.4	9.6	29.4	29.4	29.6	11.0	11.1	11.1	11.1	11.1	11.0
OCN																						
AVE	30.8	29.2	27.5	23.6	23.4	23.5	26.9	28.4	28.5	29.2	29.5	29.8	30.1	30.2	30.4	30.7	30.9	31.2	31.4	31.7	31.9	32.2
FWA	30.4	28.7	27.0	23.3	23.1	23.4	26.7	28.4	28.5	29.1	29.5	29.8	30.3	30.6	30.9	31.1	31.3	31.5	31.7	31.9	32.1	32.3

TRADE FLOWS, HISTORICAL DATA: 1987 CONIFEROUS PULPWOOD (mm cum)

X\M	WSV	USN	CBC	CEA	FIN	SWE	EUW	EUE	JPN	CHN	TOT
WSV			.54						3.39		3.94
INV									.42		.42
USN				.36							.36
CBC	.96								1.20		2.16
CIN	.00		5.70						.00		5.70
CEA		.78									.78
CHI					.23	.27	.11		.13		.74
FIN						.77	.02				.80
SWE					.11		.30				.42
EUW					.20	2.83		.02			3.05
EUE					.24	1.01	1.83				3.07
THK									.01		.01
SUW					1.35	.73	.87	1.20			4.14
SUE									1.00	.23	1.23
AUS									.11		.11
NWZ									.34		.34
OCN									.05		.05
TOT	.97	.78	6.24	.36	2.13	5.60	3.14	1.22	6.66	.23	27.34

TRADE FLOWS, FORECAST: 1993 CONIFEROUS PULPWOOD (mm cum)

X\M	WSV	USN	CBC	CEA	FIN	SWE	EUW	EUE	JPN	CHN	TOT
WSV			0.00						1.15		1.15
INV									0.00		0.00
USN				.36							.36
CBC	0.00								0.00		0.00
CIN	0.00		3.19						5.24		8.43
CEA		.78									.78
CHI					0.00	0.00	0.00		0.00		0.00
FIN						.77	.02				.80
SWE					.11		.30				.42
EUW					0.00	0.00		0.00			0.00
EUE					.35	2.37	0.00				2.72
THK									.01		.01
SUW					4.31	0.00	0.00	0.00			4.31
SUE									.34	.87	1.21
AUS									.30		.30
NWZ									0.00		0.00
OCN									0.00		0.00
TOT	0.00	.78	3.19	.36	4.77	3.14	.33	0.00	7.05	.87	20.49

TRADE FLOWS, FORECAST: 2000 CONIFEROUS PULPWOOD (mm cum)

X\M	WSV	USN	CBC	CEA	FIN	SWE	EUW	EUE	JPN	CHN	TOT
WSV			0.00						0.00		0.00
INV									0.00		0.00
USN				.36							.36
CBC	0.00								0.00		0.00
CIN	4.00		6.51						4.52		15.02
CEA		.78									.78
CHI					0.00	0.00	0.00		1.13		1.13
FIN						.77	.02				.80
SWE					.11		.30				.42
EUW					.68	0.00		0.00			.68
EUE					1.59	.09	0.00				1.68
THK									.02		.02
SUW					1.53	0.00	0.00	0.00			1.53
SUE									.50	.90	1.40
AUS									.49		.49
NWZ									1.41		1.41
OCN									0.00		0.00
TOT	4.00	.78	6.51	.36	3.91	.86	.33	0.00	8.07	.90	25.72

BASE RUN (13 November 1989)

PRODUCTION, NONCONIFEROUS SAWLOGS (million cubic meters)

	HISTORY								FORECAST													
REG	1980	1981	1982	1983	1984	1985	1986	1987	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
WSV	1.0	1.0	.9	1.1	1.4	1.4	1.6	1.9	1.9	2.0	2.2	2.4	2.5	2.7	2.9	3.0	3.2	3.3	3.5	3.7	3.8	4.0
WSB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ESV	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ESB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
INV	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
INB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ASK	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CAL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
USS	20.7	20.2	18.0	19.1	21.1	20.9	22.1	23.0	23.0	24.2	24.8	25.7	26.4	27.1	27.8	28.4	29.1	29.6	30.1	30.6	30.9	31.1
USN	19.1	18.6	16.6	17.6	19.5	19.2	20.0	21.0	21.8	22.5	23.2	23.9	24.6	25.3	26.0	26.7	27.4	28.1	28.7	29.4	30.1	30.7
CBC	.2	.1	.2	.2	.2	.2	.2	.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CIN	.7	.8	.5	.5	.6	.7	.8	.9	.9	.9	1.0	1.1	1.1	1.2	1.2	1.3	1.4	1.4	1.5	1.6	1.6	1.7
CEA	4.4	3.5	3.0	3.7	4.1	4.2	4.5	4.8	4.8	5.1	5.4	5.8	6.1	6.4	6.7	7.0	7.4	7.7	8.0	8.3	8.7	9.0
CAM	2.6	2.5	2.2	2.1	1.9	1.8	1.8	1.9	1.8	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
BRA	16.3	16.0	16.6	17.4	18.0	18.0	18.7	18.7	18.5	18.9	19.2	19.6	19.9	20.3	20.6	21.0	21.3	21.7	22.0	22.4	22.7	23.1
SAN	7.0	6.9	6.4	6.3	6.2	6.6	6.5	6.6	6.3	6.4	6.5	6.5	6.6	6.6	6.6	6.7	6.7	6.8	6.8	6.9	6.9	7.0
CHI	.8	.6	.3	.4	.6	.7	.6	.8	.8	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7
SAS	3.5	3.7	3.8	3.8	4.0	3.9	4.4	4.5	4.6	4.9	5.0	5.1	5.1	5.2	5.3	5.3	5.4	5.5	5.5	5.6	5.7	5.7
FIN	1.9	1.7	1.7	1.6	1.5	1.5	1.5	1.6	1.6	1.7	1.7	1.8	1.8	1.9	1.9	2.0	2.0	2.1	2.1	2.2	2.2	2.3
SWE	.3	.2	.2	.3	.3	.3	.4	.4	.4	.4	.4	.4	.5	.5	.5	.5	.5	.5	.6	.6	.6	.6
EUW	22.5	22.1	20.8	20.0	21.1	21.8	22.3	22.5	22.5	23.0	23.5	23.8	24.1	24.5	24.9	25.4	25.9	26.4	26.9	27.5	28.0	28.6
EUE	12.3	12.3	12.2	12.3	12.7	12.6	12.6	12.7	12.7	12.8	12.9	13.0	13.1	13.2	13.3	13.4	13.6	13.7	13.8	13.9	14.0	14.1
JPN	3.7	3.2	3.1	3.0	3.0	2.9	2.6	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
KOR	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
CHN	17.7	16.7	16.8	17.4	20.3	20.8	21.0	21.0	21.0	21.3	21.6	21.9	22.2	22.6	22.9	23.2	23.5	23.8	24.1	24.4	24.7	25.0
THK	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2
MAE	17.5	20.4	22.9	22.6	21.9	23.0	21.3	24.8	22.4	22.4	22.5	22.8	22.9	23.1	23.3	23.6	23.9	24.1	24.4	24.6	24.7	24.8
MAW	10.5	10.2	9.8	10.2	9.2	7.9	8.6	10.3	9.5	9.4	9.4	9.3	9.2	9.2	9.4	9.6	9.7	9.9	10.0	10.1	10.2	10.2
IDN	27.6	23.3	22.8	25.5	27.0	25.0	27.4	30.5	29.8	31.1	31.4	31.9	32.2	32.5	32.8	33.1	33.4	33.6	33.8	34.1	34.4	34.8
PHL	6.4	5.4	4.1	4.4	3.3	3.7	3.1	3.4	3.1	3.3	3.2	3.2	3.2	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.4	3.4
PNG	1.3	1.2	1.9	1.8	1.8	1.8	2.1	2.4	2.1	2.2	2.2	2.3	2.3	2.4	2.4	2.5	2.6	2.7	2.8	2.8	2.9	3.0
ICH	6.1	5.0	5.2	4.9	5.4	5.3	5.5	5.7	5.6	5.5	5.6	5.7	5.7	5.8	5.8	5.9	5.9	6.0	6.0	6.0	6.1	6.1
IND	19.8	21.9	23.9	26.1	28.6	31.2	30.8	30.2	30.9	31.6	32.4	33.2	34.0	34.8	35.6	36.4	37.2	38.0	38.8	39.6	40.4	41.2
MDE	3.0	3.0	2.6	3.2	4.7	4.7	4.5	4.7	4.7	4.8	4.8	4.9	4.9	5.0	5.1	5.1	5.2	5.3	5.3	5.4	5.4	5.5
SUW	18.8	18.9	18.8	18.5	18.3	18.7	19.2	19.4	19.4	19.7	19.9	20.1	20.4	20.6	20.8	21.1	21.3	21.5	21.7	21.9	22.2	22.4
SUE	5.7	5.8	5.7	5.7	5.6	5.8	6.2	6.2	6.2	6.3	6.4	6.5	6.6	6.6	6.7	6.8	6.9	6.9	7.0	7.1	7.2	7.3
AFE	1.5	1.6	1.4	1.3	1.3	1.3	1.3	1.3	1.2	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
AFN	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
AFS	.6	.6	.6	.6	.6	.6	.6	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.6	.6	.6	.6
AFW	16.0	15.8	15.0	14.8	15.3	15.6	15.5	15.5	15.5	15.4	15.4	15.4	15.3	15.3	15.3	15.2	15.2	15.1	15.1	15.1	15.0	15.0
AUS	6.0	6.0	5.6	4.5	5.0	5.1	5.3	5.2	5.2	5.0	4.9	4.8	4.7	4.6	4.5	4.4	4.2	4.1	4.0	3.9	3.8	3.7
NWZ	.1	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
OCN	.6	.7	.7	.7	.6	.7	.7	.7	.7	.7	.7	.7	.8	.8	.8	.8	.8	.8	.8	.8	.8	.9
TOT	276.3	270.3	264.9	271.9	285.5	288.4	294.0	306.2	302.4	309.2	313.7	319.0	323.8	328.8	333.8	339.1	344.3	349.3	354.2	359.2	363.9	368.6

BASE RUN (13 November 1989)

RECLASSIFICATION, NONCONIFEROUS SAWLOGS (million cubic meters) TO NONCONIFEROUS PULPWOOD (million cubic meters)

REG	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
WSV	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WSB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ESV	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ESB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
INV	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
INB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ASK	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CAL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
USS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
USN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CBC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CIN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CEA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CAM	.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
BRA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SAN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CHI	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SAS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
FIN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SWE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
EUW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
EUE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
JPN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
KOR	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CHN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
THK	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IDN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PHL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PNG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ICH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IND	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MDE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AFE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AFN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AFS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AFW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AUS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NWZ	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
OCN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOT	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

BASE RUN (13 November 1989)

CONSUMPTION, NONCONIFEROUS SAWLOGS (million cubic meters)

	HISTORY								FORECAST													
REG	1980	1981	1982	1983	1984	1985	1986	1987	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
WST	1.0	.9	.9	1.1	1.4	1.4	1.6	1.8	1.8	1.9	2.1	2.2	2.4	2.5	2.7	2.8	3.0	3.1	3.3	3.4	3.6	3.8
EST	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
INT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ASK	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CAL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
USS	20.3	19.9	17.7	18.8	20.8	20.6	21.6	22.5	22.4	23.1	23.8	24.4	25.1	25.8	26.4	27.1	27.7	28.3	28.9	29.5	30.1	30.6
USN	18.7	18.3	16.3	17.3	19.1	18.9	19.9	20.7	21.6	22.3	23.0	23.7	24.4	25.1	25.8	26.5	27.2	27.9	28.5	29.2	29.9	30.5
CBC	.2	.1	.2	.2	.2	.2	.2	.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CIN	.7	.8	.5	.5	.6	.7	.8	.9	.9	.9	1.0	1.1	1.1	1.2	1.2	1.3	1.4	1.4	1.5	1.6	1.6	1.7
CEA	4.6	3.7	3.1	3.8	4.3	4.3	4.7	5.0	5.0	5.3	5.6	6.0	6.3	6.6	6.9	7.2	7.6	7.9	8.2	8.5	8.9	9.2
CAM	2.6	2.5	2.2	2.1	1.9	1.9	1.8	1.9	1.8	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
BRA	16.3	16.0	16.7	17.4	18.0	18.0	18.7	18.7	18.5	18.9	19.2	19.6	19.9	20.3	20.6	21.0	21.3	21.7	22.0	22.4	22.7	23.1
SAN	7.0	6.9	6.4	6.3	6.2	6.6	6.5	6.5	6.3	6.4	6.5	6.5	6.6	6.6	6.6	6.7	6.7	6.8	6.8	6.9	6.9	7.0
CHI	.7	.6	.3	.4	.6	.7	.6	.8	.8	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7
SAS	3.5	3.7	3.8	3.8	4.0	3.9	4.4	4.5	4.6	4.9	5.0	5.1	5.1	5.2	5.3	5.3	5.4	5.5	5.5	5.6	5.7	5.7
FIN	1.9	1.7	1.7	1.6	1.5	1.5	1.5	1.6	1.6	1.7	1.7	1.8	1.8	1.9	1.9	2.0	2.0	2.1	2.1	2.2	2.2	2.3
SWE	.3	.2	.2	.2	.3	.3	.3	.3	.3	.3	.4	.4	.4	.4	.4	.4	.4	.4	.5	.5	.5	.5
EUW	28.6	26.8	25.0	24.3	25.2	25.4	25.7	26.0	26.0	26.1	26.1	26.3	26.4	26.7	26.9	27.2	27.5	27.8	28.2	28.6	28.9	29.3
EUE	12.2	12.3	12.2	12.2	12.7	12.7	12.6	12.7	12.7	12.8	12.9	13.0	13.1	13.2	13.3	13.4	13.6	13.7	13.8	13.9	14.0	14.1
JPN	22.9	18.5	18.3	17.3	16.4	16.2	15.5	16.4	15.8	16.0	16.1	16.3	16.4	16.5	16.5	16.6	16.6	16.6	16.6	16.6	16.6	16.6
KOR	4.7	4.5	4.2	4.5	4.0	3.6	5.0	3.8	3.8	4.2	4.3	4.7	4.6	4.5	4.5	4.5	4.4	4.3	4.3	4.2	4.1	4.0
CHN	18.9	16.9	17.5	18.1	20.8	21.6	21.6	21.8	21.8	22.1	22.4	22.8	23.1	23.4	23.8	24.1	24.4	24.7	25.1	25.4	25.7	26.0
THK	6.0	5.7	4.8	5.5	4.8	4.4	4.4	4.7	4.3	4.5	4.6	4.8	5.0	5.3	5.5	5.8	6.0	6.3	6.6	6.7	6.8	6.8
MAE	2.5	4.8	3.9	3.9	5.3	3.3	2.3	2.0	2.5	2.5	2.4	2.4	2.4	2.3	2.4	2.4	2.5	2.5	2.6	2.6	2.6	2.6
MAW	11.3	10.8	10.1	10.6	9.4	8.0	8.7	10.3	9.4	9.4	9.4	9.3	9.2	9.1	9.3	9.5	9.7	9.8	10.0	10.1	10.1	10.2
IDN	12.7	17.1	19.7	22.5	25.2	25.0	27.4	30.5	29.8	31.1	31.4	31.9	32.2	32.5	32.8	33.1	33.4	33.6	33.8	34.1	34.4	34.8
PHL	5.2	3.7	3.4	3.6	2.5	3.2	2.8	3.4	3.0	3.1	3.1	3.1	3.1	3.1	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2
PNG	.7	.4	.9	.8	.5	.7	.8	1.0	1.0	1.0	1.0	1.1	1.1	1.1	1.1	1.2	1.2	1.2	1.2	1.3	1.3	1.3
ICH	6.1	5.1	5.3	5.0	5.4	5.4	5.5	5.8	5.6	5.5	5.6	5.7	5.7	5.8	5.8	5.9	5.9	6.0	6.0	6.0	6.1	6.1
IND	19.7	21.7	23.8	26.0	28.5	31.1	31.0	30.9	30.9	31.6	32.4	33.2	34.0	34.8	35.6	36.4	37.2	38.0	38.8	39.6	40.4	41.2
MDE	3.2	3.2	2.7	3.3	4.7	4.7	4.8	4.8	4.7	4.8	4.8	4.9	4.9	5.0	5.1	5.1	5.2	5.3	5.3	5.4	5.4	5.5
SUW	18.8	18.9	18.8	18.5	18.3	18.7	19.2	19.4	19.4	19.7	19.9	20.1	20.4	20.6	20.8	21.1	21.3	21.5	21.7	21.9	22.2	22.4
SUE	5.6	5.7	5.6	5.7	5.6	5.7	6.1	6.2	6.2	6.2	6.3	6.3	6.4	6.5	6.5	6.6	6.7	6.7	6.8	6.9	7.0	7.0
AFE	1.5	1.6	1.4	1.3	1.3	1.3	1.3	1.3	1.2	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
AFN	.4	.3	.3	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.5	.5	.5	.5
AFS	.6	.7	.6	.6	.6	.6	.6	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.6	.6	.6	.6
AFW	10.1	11.3	10.3	10.3	10.3	11.4	11.8	12.1	12.1	12.2	12.4	12.5	12.6	12.8	12.9	13.0	13.2	13.3	13.5	13.6	13.7	13.9
AUS	6.0	6.0	5.6	4.5	5.0	5.1	5.3	5.2	5.2	5.0	4.9	4.8	4.7	4.6	4.5	4.4	4.2	4.1	4.0	3.9	3.8	3.7
NWZ	.1	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
OCN	.4	.4	.3	.3	.3	.3	.3	.3	.3	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4
TOT	276.0	271.9	264.9	272.6	286.3	287.9	295.7	305.4	302.4	309.2	313.7	319.0	323.8	328.8	333.8	339.1	344.3	349.3	354.2	359.2	363.9	368.6

BASE RUN (13 November 1989)

EXPORTS, NONCONIFEROUS SAWLOGS (million cubic meters)

	HISTORY								FORECAST													
REG	1980	1981	1982	1983	1984	1985	1986	1987	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
WST	.1	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.1	.1	.2	.2	.2	.2	.2	.2	.2	.2	.3
EST	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
INT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ASK	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CAL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
USS	.4	.3	.3	.3	.3	.3	.5	.5	.5	1.1	1.0	1.3	1.4	1.4	1.3	1.4	1.4	1.3	1.2	1.1	.8	.6
USN	.4	.3	.2	.3	.4	.3	.2	.3	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2
CBC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CIN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CEA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CAM	.0	.0	.0	.0	.0	.0	.0	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
BRA	.0	.0	.0	.0	.0	.0	.0	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SAN	.0	.1	.0	.0	.0	.0	.0	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CHI	.0	.0	.0	.0	.0	.0	.0	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SAS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
FIN	.0	.0	.0	.0	.0	.0	.0	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SWE	.0	.0	.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
EUW	2.2	2.1	1.9	1.9	2.2	2.4	2.5	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
EUE	.3	.2	.2	.2	.2	.1	.1	.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
JPN	.0	.0	.0	.0	.0	.0	.0	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
KOR	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CHN	.0	.0	.0	.0	.0	.0	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
THK	.0	.0	.0	.0	.1	.0	.0	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAE	14.9	15.6	19.0	18.6	16.6	19.8	18.9	22.8	19.9	19.9	20.0	20.4	20.6	20.8	21.0	21.2	21.4	21.6	21.8	22.0	22.1	22.2
MAW	.3	.2	.3	.1	.1	.0	.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
IDN	14.9	6.2	3.1	3.0	1.7	.0	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PHL	1.2	1.7	.8	.8	.8	.5	.3	.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
PNG	.6	.7	1.1	1.0	1.3	1.2	1.3	1.4	1.1	1.2	1.2	1.2	1.2	1.3	1.3	1.4	1.4	1.5	1.5	1.6	1.6	1.7
ICH	.1	.1	.1	.1	.2	.2	.2	.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IND	.2	.1	.1	.1	.1	.1	.2	.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MDE	.0	.0	.0	.0	.1	.1	.0	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUE	.1	.1	.1	.1	.0	.1	.1	.1	.1	.1	.1	.1	.1	.2	.2	.2	.2	.2	.2	.2	.2	.2
AFE	.0	.0	.0	.0	.0	.0	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AFN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AFS	.0	.0	.0	.0	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AFW	6.0	4.6	4.7	4.5	5.1	4.2	3.8	3.4	3.3	3.2	3.0	2.9	2.7	2.5	2.4	2.2	2.0	1.8	1.7	1.5	1.3	1.1
AUS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NWZ	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
OCN	.3	.3	.3	.3	.3	.4	.3	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.5	.5	.5	.5	.5
TOT	42.0	32.8	32.4	31.8	29.6	29.7	28.8	32.1	25.9	26.4	26.3	26.9	27.0	27.1	27.2	27.3	27.5	27.5	27.6	27.5	27.3	27.0

BASE RUN (13 November 1989)

IMPORTS, NONCONIFEROUS SAWLOGS (million cubic meters)

	HISTORY								FORECAST													
REG	1980	1981	1982	1983	1984	1985	1986	1987	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
WST	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
EST	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
INT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ASK	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CAL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
USS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
USN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CBC	.0	.0	.0	.0	0.0	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CIN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CEA	.2	.2	.1	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2
CAM	0.0	0.0	0.0	0.0	.0	.0	.0	.0	0.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1
BRA	.0	.0	.0	.0	.0	.0	.1	.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SAN	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CHI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SAS	.0	.0	.0	.0	.0	.0	.0	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
FIN	.0	.0	.0	.0	.0	.0	.0	.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SWE	.0	.0	.0	.0	.0	.0	.0	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
EUW	8.4	6.9	6.1	6.2	6.3	6.0	6.0	6.0	3.5	3.0	2.6	2.5	2.3	2.2	2.0	1.8	1.6	1.5	1.3	1.1	.9	.7
EUE	.3	.2	.2	.2	.2	.2	.1	.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
JPN	19.2	15.4	15.2	14.3	13.4	13.3	12.9	13.9	13.3	13.5	13.6	13.7	13.9	14.0	14.0	14.0	14.1	14.1	14.1	14.1	14.1	14.1
KOR	4.6	4.4	4.1	4.4	3.9	3.5	4.9	3.7	3.7	4.1	4.2	4.6	4.5	4.5	4.4	4.4	4.3	4.3	4.2	4.1	4.0	3.9
CHN	1.3	.3	.7	.7	.5	.9	.6	.8	.8	.8	.8	.8	.9	.9	.9	.9	1.0	1.0	1.0	1.0	1.0	1.0
THK	5.7	5.5	4.6	5.3	4.6	4.3	4.3	4.6	4.1	4.4	4.5	4.7	4.9	5.1	5.3	5.6	5.9	6.1	6.4	6.6	6.6	6.7
MAE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAW	1.1	.8	.5	.5	.3	.1	.1	.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IDN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PHL	.0	.0	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PNG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ICH	.1	.2	.2	.3	.2	.2	.2	.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IND	.1	.0	.0	.0	.0	.0	.4	.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MDE	.2	.2	.1	.1	.2	.1	.3	.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AFE	.0	.0	.0	.0	.0	.0	.0	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AFN	.3	.2	.2	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3
AFS	.1	.0	.0	.0	.0	.0	.0	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AFW	.0	.0	.0	.0	.0	.0	.0	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AUS	0.0	0.0	.0	.0	0.0	0.0	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NWZ	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
OCN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOT	41.7	34.4	32.3	32.6	30.4	29.3	30.5	31.3	25.9	26.4	26.3	26.9	27.0	27.1	27.2	27.3	27.5	27.5	27.6	27.5	27.3	27.0

BASE RUN (13 November 1989)

PRICES, NONCONIFEROUS SAWLOGS (1980 USD/cubic meter)

	HISTORY								FORECAST													
REG	1980	1981	1982	1983	1984	1985	1986	1987	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
WSV	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	34.8	35.7	36.5	37.7	38.7	39.9	41.1	42.4	43.8	45.3	46.8	48.3	49.9	51.4
WSB																						
ESV																						
ESB																						
INV																						
INB																						
ASK																						
CAL																						
USS	18.4	18.7	17.7	17.9	21.6	21.8	22.4	21.7	21.7	22.5	23.3	24.5	25.5	26.7	27.9	29.2	30.6	32.1	33.6	35.1	36.7	38.2
USN	29.9	26.6	25.5	24.3	33.1	27.6	33.5	29.7	30.7	31.7	32.7	33.7	34.7	35.9	37.0	38.2	39.5	40.7	42.0	43.4	44.8	46.2
CBC																						
CIN																						
CEA	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	31.0	32.0	33.0	34.0	35.0	36.2	37.3	38.5	39.8	41.0	42.3	43.7	45.1	46.5
CAM																						
BRA																						
SAN																						
CHI																						
SAS																						
FIN	49.1	41.7	40.4	37.5	38.2	37.7	47.7	50.2	51.8	52.3	52.8	53.3	53.8	54.3	54.9	55.2	55.8	56.3	56.9	57.3	57.9	58.5
SWE	52.0	44.9	41.1	37.4	36.7	37.0	44.9	51.0	55.0	55.8	56.1	56.1	56.1	56.5	56.9	57.5	58.1	58.9	59.7	60.7	61.8	62.8
EUW	141.5	103.0	90.8	88.0	74.4	75.7	95.4	105.0	105.0	105.8	106.1	106.1	106.1	106.5	106.9	107.5	108.1	108.9	109.7	110.7	111.8	112.8
EUE																						
JPN	178.6	144.4	116.1	131.5	146.8	152.4	201.1	246.0	245.8	246.7	247.5	248.7	249.7	250.9	252.1	253.4	254.8	256.3	257.8	259.3	260.9	262.4
KOR	139.3	108.6	94.0	79.3	92.6	84.6	75.5	83.4	83.2	84.1	84.9	86.1	87.1	88.3	89.5	90.8	92.2	93.7	95.2	96.7	98.3	99.8
CHN	63.0	65.0	93.0	93.0	93.0	67.0	70.0	70.0	69.8	70.7	71.5	72.7	73.7	74.9	76.1	77.4	78.8	80.3	81.8	83.3	84.9	86.4
THK	114.0	90.5	83.1	80.2	82.5	72.6	91.3	108.3	108.1	109.0	109.8	111.0	112.0	113.2	114.4	115.7	117.1	118.6	120.1	121.6	123.2	124.7
MAE	80.4	62.0	68.3	57.6	62.4	50.5	53.2	66.3	66.1	67.0	67.8	69.0	70.0	71.2	72.4	73.7	75.1	76.6	78.1	79.6	81.2	82.7
MAW	77.7	64.1	50.4	58.5	51.6	48.2	43.5	53.5	56.6	57.4	58.0	58.3	58.5	59.1	61.1	63.3	65.3	67.5	69.6	71.4	73.3	75.1
IDN	59.8	44.7	52.4	51.1	41.9	46.2	49.4	53.4	52.1	55.0	56.0	57.4	58.5	59.8	60.8	62.0	63.1	64.1	65.2	66.4	67.7	69.2
PHL	129.0	99.1	93.5	70.8	90.1	75.1	80.7	86.3	74.8	78.3	78.5	80.0	81.2	82.7	84.2	85.9	87.6	89.1	90.7	92.7	94.7	96.4
PNG	72.4	56.5	56.6	45.8	51.9	43.7	46.3	65.7	65.5	66.4	67.2	68.4	69.4	70.6	71.8	73.1	74.5	76.0	77.5	79.0	80.6	82.1
ICH																						
IND																						
MDE																						
SUW																						
SUE	40.0	20.8	19.0	19.9	30.9	32.2	33.2	44.7	44.5	45.4	46.2	47.4	48.4	49.6	50.8	52.1	53.5	55.0	56.5	58.0	59.6	61.1
AFE																						
AFN	140.6	146.6	150.9	114.1	115.1	112.9	128.4	132.0	132.0	132.8	133.1	133.1	133.1	133.5	133.9	134.5	135.1	135.9	136.7	137.7	138.8	139.8
AFS																						
AFW	153.3	115.9	89.4	83.7	71.5	80.9	88.8	92.0	92.0	92.8	93.1	93.1	93.1	93.5	93.9	94.5	95.1	95.9	96.7	97.7	98.8	99.8
AUS																						
NWZ																						
OCN	58.0	43.0	57.0	50.0	62.0	49.0	51.0	53.0	52.8	53.7	54.5	55.7	56.7	57.9	59.1	60.4	61.8	63.3	64.8	66.3	67.9	69.4
AVE	70.7	55.1	54.3	50.4	48.2	46.0	51.2	56.2	55.6	56.8	57.4	58.1	58.8	59.7	60.7	61.8	63.0	64.2	65.4	66.8	68.2	69.7
FWA	68.4	53.1	52.5	49.5	48.2	45.6	50.9	56.2	56.0	57.4	58.1	59.1	59.9	60.9	62.0	63.2	64.5	65.7	67.0	68.4	69.8	71.3

TRADE FLOWS, HISTORICAL DATA: 1987 NONCONIFEROUS SAWLOGS (mm cum)

X\M	CEA	CAM	EUW	JPN	KOR	CHN	THK	AFN	TOT
WSV				.02	.00	.01	.00		.03
USS		.02	.28	.05	.10		.00	.00	.45
USN	.17		.06	.00	.02		.59		.84
FIN			.01						.01
SWE			.16						.16
MAE				13.05	3.38	.81	3.76		21.00
MAW				.02	.03		.00		.05
PHL				.04			.08		.12
PNG				.95	.47		.04		1.46
SUE				.10					.10
AFW			2.50	.09		.04		.10	2.73
OCN				.17	.14				.31
TOT	.17	.02	3.01	14.49	4.14	.86	4.47	.10	27.27

TRADE FLOWS, FORECAST: 1993 NONCONIFEROUS SAWLOGS (mm cum)

X\M	CEA	CAM	EUW	JPN	KOR	CHN	THK	AFN	TOT
WSV				.17	0.00	0.00	0.00		.17
USS		.04	0.00	0.00	0.00		1.31	0.00	1.35
USN	.20		0.00	0.00	0.00		0.00		.20
FIN			0.00						0.00
SWE			.08						.08
MAE				13.48	3.96	.87	2.64		20.96
MAW				.02	.03		.00		.05
PHL				.04			.08		.12
PNG				0.00	0.00		1.31		1.31
SUE				.17					.17
AFW			1.90	.09		.04		.33	2.36
OCN				0.00	.42				.42
TOT	.20	.04	1.98	13.98	4.40	.91	5.35	.33	27.19

TRADE FLOWS, FORECAST: 2000 NONCONIFEROUS SAWLOGS (mm cum)

X\M	CEA	CAM	EUW	JPN	KOR	CHN	THK	AFN	TOT
WSV				.25	0.00	0.00	0.00		.25
USS		.05	0.00	0.00	0.00		.51	0.00	.56
USN	.20		0.00	0.00	0.00		0.00		.20
FIN			0.00						0.00
SWE			.10						.10
MAE				13.44	3.41	.99	4.36		22.20
MAW				.02	.03		.00		.05
PHL				.04			.08		.12
PNG				0.00	0.00		1.70		1.70
SUE				.25					.25
AFW			.64	.09		.04		.35	1.12
OCN				0.00	.50				.50
TOT	.20	.05	.74	14.09	3.93	1.03	6.66	.35	27.05

BASE RUN (13 November 1989)

PRODUCTION, NONCONIFEROUS PULPWOOD (million cubic meters)

	HISTORY								FORECAST													
REG	1980	1981	1982	1983	1984	1985	1986	1987	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
WSV	1.2	1.0	1.2	1.1	1.2	1.2	1.3	1.4	1.4	1.5	1.5	1.6	1.6	1.7	1.8	1.8	1.9	1.9	2.0	2.1	2.1	2.2
WSB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ESV	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ESB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
INV	.3	.3	.1	.2	.3	.1	.2	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3
INB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ASK	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CAL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
USS	30.7	31.5	30.3	35.9	37.6	36.4	40.9	42.6	42.7	45.0	46.7	48.5	51.3	53.7	55.9	57.8	59.7	61.7	63.6	65.6	67.6	69.7
USN	20.9	20.5	19.7	23.3	24.5	23.9	19.6	19.1	19.1	19.7	20.9	22.7	23.1	23.6	24.0	24.6	25.2	25.7	26.3	26.8	27.4	28.0
CBC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CIN	.0	.0	.0	.0	.3	.4	.6	.7	.7	1.1	1.5	2.2	3.1	4.1	5.1	5.9	6.7	7.5	8.4	9.2	10.2	11.1
CEA	4.8	5.1	4.2	5.0	5.4	5.6	5.9	6.6	6.6	6.9	7.2	7.5	7.7	8.0	8.2	8.5	8.9	9.2	9.5	9.9	10.2	10.5
CAM	.2	.3	.2	.3	.3	.3	.3	.3	.3	.3	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4
BRA	15.5	15.5	15.5	15.5	9.5	9.9	10.6	11.3	11.3	12.8	13.0	13.6	15.5	18.9	21.6	22.1	22.5	22.9	23.4	23.8	24.2	24.6
SAN	.5	.3	.3	.3	.3	.5	.3	.3	.3	.7	.7	.7	.7	1.2	1.2	1.3	1.3	1.3	1.4	1.4	1.4	1.5
CHI	.1	.1	.1	.2	.2	.2	.3	.3	.3	.3	.4	.4	.5	.8	.8	.9	1.0	1.0	1.1	1.2	1.3	1.4
SAS	1.4	1.2	1.3	1.5	1.4	1.5	1.5	1.5	1.5	1.5	1.5	1.7	1.9	1.9	1.9	2.0	2.0	2.1	2.1	2.2	2.2	2.3
FIN	4.2	4.4	4.4	4.2	4.5	5.2	5.4	5.9	5.9	6.0	6.1	6.3	6.4	6.5	6.6	6.8	6.9	7.0	7.1	7.3	7.4	7.5
SWE	4.4	4.1	3.6	4.7	5.3	5.1	5.2	5.6	5.8	6.1	6.3	6.4	6.5	6.6	6.9	7.1	7.3	7.5	7.7	7.9	8.1	8.3
EUW	28.3	26.2	25.5	25.4	27.2	27.3	28.0	28.0	29.1	31.3	32.1	32.2	32.3	32.3	33.7	34.7	35.8	36.9	37.9	39.0	40.1	41.2
EUE	6.2	6.2	6.1	6.6	7.0	7.4	7.6	7.7	7.7	7.7	7.8	7.9	8.0	8.1	8.2	8.2	8.3	8.4	8.5	8.6	8.7	8.8
JPN	10.3	8.9	9.2	10.1	11.3	11.9	11.1	11.5	12.0	12.3	12.4	12.6	12.9	13.1	13.4	13.6	13.9	14.1	14.4	14.6	14.9	15.2
KOR	.0	.1	.2	.2	.1	.2	.2	.2	.2	.2	.3	.3	.3	.3	.4	.4	.4	.4	.4	.5	.5	.5
CHN	1.3	1.2	1.3	1.3	1.5	1.5	1.5	1.7	1.7	1.8	1.9	2.0	2.1	2.1	2.2	2.3	2.4	2.4	2.5	2.6	2.7	2.7
THK	.7	.6	.6	.7	.7	.9	1.2	1.1	1.1	1.1	1.2	1.2	1.2	1.3	1.3	1.4	1.4	1.5	1.6	1.6	1.6	1.7
MAE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAW	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6
IDN	.5	.5	.3	.4	.2	.4	.5	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8
PHL	.8	.5	.5	.7	1.0	.4	.4	.4	.4	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3
PNG	.2	.2	.2	.2	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
ICH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IND	1.3	1.3	1.3	1.4	1.3	1.3	1.3	1.3	1.3	1.5	1.5	1.5	1.5	1.5	1.5	1.6	1.6	1.6	1.7	1.7	1.7	1.8
MDE	.1	.1	.1	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
SUW	6.8	6.8	6.7	6.8	6.9	6.9	7.2	7.4	7.4	7.4	7.5	7.5	7.6	7.7	7.7	7.8	7.8	7.9	7.9	8.0	8.0	8.1
SUE	1.6	1.6	1.5	1.6	1.6	1.6	1.7	1.7	1.7	1.7	1.8	1.8	1.8	1.8	1.9	1.9	1.9	1.9	1.9	2.0	2.0	2.0
AFE	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
AFN	.2	.2	.2	.3	.4	.5	.3	.3	.3	.7	.7	.7	.8	.8	.8	.8	.8	.8	.9	.9	.9	.9
AFS	3.4	3.6	3.6	4.1	3.1	3.1	3.1	3.1	3.1	3.2	3.3	3.3	3.4	3.5	3.5	3.6	3.7	3.7	3.8	3.9	3.9	4.0
AFW	.1	.1	.1	.1	.1	.1	.1	.1	.1	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.5	.5
AUS	6.2	6.0	5.1	5.0	5.8	6.1	6.0	6.0	6.0	6.0	6.0	6.0	6.1	6.1	6.1	6.1	6.2	6.2	6.2	6.2	6.2	6.3
NWZ	.2	.2	.2	.2	.3	.3	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2
OCN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOT	152.9	149.1	144.7	157.9	160.6	161.2	163.5	168.4	170.4	179.9	185.6	192.0	199.7	208.9	218.2	224.5	230.9	237.3	243.8	250.4	257.0	263.7

BASE RUN (13 November 1989)

PRODUCTION, NONCONIFEROUS PULPWOOD (million cubic meters)   ROUNDWOOD ONLY

	HISTORY								FORECAST													
REG	1980	1981	1982	1983	1984	1985	1986	1987	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
WSV	.8	.6	.9	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7
WSB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ESV	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ESB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
INV	.3	.3	.1	.2	.3	.1	.2	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3
INB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ASK	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CAL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
USS	21.5	21.4	21.6	26.6	27.2	26.5	27.6	29.7	33.2	35.2	36.6	38.2	40.7	42.8	44.7	46.3	48.0	49.7	51.4	53.2	54.9	56.8
USN	16.2	16.2	16.0	19.1	19.9	19.3	16.5	15.4	15.1	15.5	16.6	18.2	18.5	18.8	19.1	19.5	19.9	20.3	20.7	21.1	21.5	21.9
CBC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CIN	.0	.0	.0	.0	.3	.4	.6	.7	.7	1.1	1.5	2.2	3.1	4.1	5.1	5.9	6.7	7.5	8.4	9.2	10.2	11.1
CEA	4.8	5.1	4.2	5.0	5.4	5.6	5.9	6.6	6.6	6.9	7.2	7.5	7.7	8.0	8.2	8.5	8.9	9.2	9.5	9.9	10.2	10.5
CAM	.2	.3	.2	.3	.3	.3	.3	.3	.3	.3	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4
BRA	15.5	15.5	15.5	15.5	9.5	9.9	10.6	11.3	11.3	12.8	13.0	13.6	15.5	18.9	21.6	22.1	22.5	22.9	23.4	23.8	24.2	24.6
SAN	.5	.3	.3	.3	.3	.5	.3	.3	.3	.7	.7	.7	.7	1.2	1.2	1.3	1.3	1.3	1.4	1.4	1.4	1.5
CHI	.1	.1	.1	.2	.2	.2	.3	.3	.3	.3	.4	.4	.5	.8	.8	.9	1.0	1.0	1.1	1.2	1.3	1.4
SAS	1.4	1.2	1.3	1.5	1.4	1.5	1.5	1.5	1.5	1.5	1.5	1.7	1.9	1.9	1.9	2.0	2.0	2.1	2.1	2.2	2.2	2.3
FIN	4.2	4.4	4.4	4.2	4.5	5.2	5.4	5.9	5.9	6.0	6.1	6.3	6.4	6.5	6.6	6.8	6.9	7.0	7.1	7.3	7.4	7.5
SWE	4.4	4.1	3.6	4.7	5.3	5.1	5.2	5.6	5.8	6.1	6.3	6.4	6.5	6.6	6.9	7.1	7.3	7.5	7.7	7.9	8.1	8.3
EUW	18.6	17.2	16.7	17.1	18.4	18.4	19.2	19.3	20.4	22.5	23.3	23.3	23.3	23.1	24.4	25.3	26.2	27.1	28.0	28.9	29.8	30.7
EUE	6.2	6.2	6.1	6.6	7.0	7.4	7.6	7.7	7.7	7.7	7.8	7.9	8.0	8.1	8.2	8.2	8.3	8.4	8.5	8.6	8.7	8.8
JPN	8.5	7.7	7.7	8.0	8.8	9.3	8.4	8.2	8.6	8.8	9.0	9.2	9.5	9.8	10.0	10.3	10.5	10.8	11.1	11.3	11.6	11.9
KOR	.0	.1	.2	.2	.1	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2
CHN	1.3	1.2	1.3	1.3	1.5	1.5	1.5	1.7	1.7	1.8	1.9	2.0	2.1	2.1	2.2	2.3	2.4	2.4	2.5	2.6	2.7	2.7
THK	.6	.5	.6	.6	.6	.9	1.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
MAE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAW	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6
IDN	.5	.5	.3	.4	.2	.4	.5	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8
PHL	.8	.5	.5	.7	1.0	.4	.4	.4	.4	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3
PNG	.2	.2	.2	.2	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
ICH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IND	1.3	1.3	1.3	1.4	1.3	1.3	1.3	1.3	1.3	1.5	1.5	1.5	1.5	1.5	1.5	1.6	1.6	1.6	1.7	1.7	1.7	1.8
MDE	.1	.1	.1	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
SUW	6.8	6.8	6.7	6.8	6.9	6.9	7.2	7.4	7.4	7.4	7.5	7.5	7.6	7.7	7.7	7.8	7.8	7.9	7.9	8.0	8.0	8.1
SUE	1.6	1.6	1.5	1.6	1.6	1.6	1.7	1.7	1.7	1.7	1.8	1.8	1.8	1.8	1.9	1.9	1.9	1.9	1.9	2.0	2.0	2.0
AFE	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
AFN	.2	.2	.2	.3	.4	.5	.3	.3	.3	.7	.7	.7	.8	.8	.8	.8	.8	.8	.9	.9	.9	.9
AFS	3.4	3.6	3.6	4.1	3.1	3.1	3.1	3.1	3.1	3.2	3.3	3.3	3.4	3.5	3.5	3.6	3.7	3.7	3.8	3.9	3.9	4.0
AFW	.1	.1	.1	.1	.1	.1	.1	.1	.1	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.5	.5
AUS	5.2	5.0	4.2	4.3	5.0	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2
NWZ	.2	.2	.2	.2	.3	.3	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2
OCN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOT	126.1	123.1	120.6	132.9	132.7	133.7	134.0	138.0	143.0	151.8	157.0	162.7	169.8	178.3	186.8	192.4	198.1	203.8	209.6	215.4	221.3	227.3

BASE RUN (13 November 1989)

PRODUCTION, NONCONIFEROUS PULPWOOD (million cubic meters)   RESIDUES ONLY

	HISTORY								FORECAST													
REG	1980	1981	1982	1983	1984	1985	1986	1987	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
WST	.4	.4	.4	.4	.5	.5	.6	.7	.7	.8	.8	.9	1.0	1.0	1.1	1.1	1.2	1.3	1.3	1.4	1.4	1.5
EST	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
INT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ASK	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CAL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
USS	9.2	10.2	8.7	9.3	10.5	9.8	13.3	13.0	9.5	9.8	10.1	10.4	10.6	10.9	11.2	11.5	11.7	12.0	12.2	12.5	12.7	12.9
USN	4.7	4.3	3.7	4.2	4.7	4.6	3.1	3.8	4.0	4.2	4.3	4.5	4.6	4.8	5.0	5.1	5.3	5.4	5.6	5.8	5.9	6.1
CBC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CIN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CEA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CAM	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
BRA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SAN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CHI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SAS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
FIN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SWE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
EUW	9.7	8.9	8.7	8.3	8.8	8.9	8.8	8.7	8.7	8.8	8.8	8.9	9.0	9.1	9.3	9.4	9.6	9.8	9.9	10.1	10.3	10.5
EUE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
JPN	1.7	1.2	1.5	2.1	2.5	2.6	2.7	3.2	3.5	3.5	3.4	3.4	3.4	3.4	3.4	3.3	3.3	3.3	3.3	3.3	3.3	3.3
KOR	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	.0	.0	.1	.1	.1	.1	.2	.2	.2	.2	.2	.3	.3
CHN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
THK	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	.2	.2	.3	.3	.4	.4	.5	.5	.6	.6	.7	.7
MAE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IDN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PHL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PNG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ICH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IND	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MDE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AFE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AFN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AFS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AFW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AUS	1.0	1.0	.9	.8	.8	.9	.9	.8	.8	.8	.9	.9	.9	.9	1.0	1.0	1.0	1.0	1.0	1.1	1.1	1.1
NWZ	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
OCN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOT	26.8	26.0	24.0	25.1	27.9	27.4	29.5	30.3	27.4	28.0	28.6	29.2	29.9	30.6	31.3	32.1	32.8	33.5	34.2	35.0	35.7	36.4

BASE RUN (13 November 1989)

CONSUMPTION, NONCONIFEROUS PULPWOOD (million cubic meters)

	HISTORY								FORECAST													
REG	1980	1981	1982	1983	1984	1985	1986	1987	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
WST	.4	.3	.3	.3	.3	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.5	.5	.5
EST	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
INT	.3	.3	.1	.2	.3	.1	.2	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3
ASK	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CAL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
USS	30.7	31.5	30.3	35.9	37.6	36.4	40.9	42.6	42.6	44.2	45.6	47.2	49.5	51.4	53.0	54.7	56.4	58.1	59.9	61.7	63.5	65.4
USN	20.9	20.5	19.7	23.3	24.5	23.9	19.6	19.1	19.1	19.7	20.9	22.7	23.1	23.6	24.0	24.6	25.2	25.7	26.3	26.8	27.4	28.0
CBC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CIN	.0	.0	.0	.0	.3	.4	.6	.7	.7	1.1	1.5	2.2	3.1	4.1	5.1	5.9	6.7	7.5	8.4	9.2	10.2	11.1
CEA	4.8	5.1	4.2	5.0	5.4	5.6	5.9	6.6	6.6	6.9	7.2	7.5	7.7	8.0	8.2	8.5	8.9	9.2	9.5	9.9	10.2	10.5
CAM	.3	.3	.2	.3	.3	.3	.3	.3	.3	.3	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4
BRA	15.5	15.5	15.5	15.5	9.5	9.9	10.6	11.3	11.3	12.8	13.0	13.6	15.5	18.9	21.6	22.1	22.5	22.9	23.4	23.8	24.2	24.6
SAN	.5	.3	.3	.3	.3	.5	.3	.3	.3	.7	.7	.7	.7	1.2	1.2	1.3	1.3	1.3	1.4	1.4	1.4	1.5
CHI	.1	.1	.1	.2	.2	.2	.3	.2	.2	.3	.3	.4	.4	.7	.8	.8	.9	1.0	1.1	1.1	1.2	1.3
SAS	1.4	1.2	1.3	1.5	1.4	1.5	1.5	1.5	1.5	1.5	1.5	1.7	1.9	1.9	1.9	2.0	2.0	2.1	2.1	2.2	2.2	2.3
FIN	5.7	5.8	5.9	6.1	6.8	7.4	7.5	8.6	8.6	9.1	9.4	9.5	9.5	9.6	10.2	10.4	10.6	10.9	11.1	11.3	11.6	11.8
SWE	4.4	4.4	4.0	4.9	5.3	5.2	5.6	6.4	6.4	6.7	6.9	7.0	7.2	7.3	7.3	7.6	7.9	8.1	8.4	8.7	8.9	9.2
EUW	31.5	28.5	27.3	27.0	28.8	28.9	29.7	29.8	29.8	32.0	32.7	32.8	33.0	33.0	34.2	35.0	35.8	36.6	37.4	38.1	38.9	39.7
EUE	5.5	5.5	5.6	5.9	6.2	6.4	6.7	6.8	6.8	6.7	6.7	6.7	6.7	6.7	6.7	6.9	7.1	7.2	7.4	7.5	7.7	7.8
JPN	16.3	14.0	14.3	15.5	17.4	17.5	17.0	18.5	18.5	18.9	19.4	19.8	20.3	20.7	21.1	21.6	22.0	22.5	22.9	23.4	23.8	24.3
KOR	.1	.1	.3	.2	.2	.2	.3	.3	.3	.3	.3	.3	.3	.4	.4	.4	.4	.4	.4	.5	.5	.5
CHN	1.3	1.2	1.3	1.3	1.5	1.5	1.5	2.0	2.0	2.0	2.1	2.1	2.2	2.3	2.7	2.7	2.8	2.9	2.9	3.0	3.0	3.1
THK	1.3	2.2	1.5	2.1	1.8	2.3	3.1	3.0	2.9	3.0	3.1	3.2	3.3	3.5	3.6	3.7	3.8	3.9	3.9	4.0	4.1	4.2
MAE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAW	.1	.1	.0	.0	.2	.3	.5	.5	.5	.5	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6
IDN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PHL	.8	.5	.5	.7	1.0	.4	.4	.4	.4	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3
PNG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ICH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IND	1.3	1.3	1.3	1.4	1.3	1.3	1.3	1.3	1.3	1.5	1.5	1.5	1.5	1.5	1.5	1.6	1.6	1.6	1.7	1.7	1.7	1.8
MDE	.1	.1	.1	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
SUW	4.9	4.7	4.8	4.7	4.7	4.7	4.9	4.4	4.4	4.1	4.2	4.3	4.4	4.5	4.6	4.7	4.8	4.9	5.0	5.1	5.2	5.3
SUE	1.0	1.1	1.0	.9	.9	1.0	.7	.9	.9	1.1	1.1	1.1	1.1	1.1	1.2	1.2	1.2	1.3	1.3	1.3	1.3	1.4
AFE	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
AFN	.2	.2	.2	.3	.4	.5	.3	.3	.3	.7	.7	.7	.8	.8	.8	.8	.8	.8	.9	.9	.9	.9
AFS	2.7	3.1	3.0	3.5	2.5	2.5	2.5	2.5	2.5	2.7	2.7	2.8	2.9	2.9	3.0	3.0	3.1	3.2	3.2	3.3	3.4	3.5
AFW	.1	.1	.1	.1	.1	.1	.1	.1	.1	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.5	.5
AUS	2.1	2.2	1.7	1.7	1.8	1.9	2.0	1.3	1.3	1.5	1.6	1.6	1.9	2.3	2.3	2.4	2.4	2.5	2.5	2.6	2.6	2.7
NWZ	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1
OCN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOT	154.4	150.5	145.2	159.2	161.5	161.4	165.0	170.5	170.4	179.9	185.6	192.0	199.7	208.9	218.2	224.5	230.9	237.3	243.8	250.4	257.0	263.7

BASE RUN (13 November 1989)

EXPORTS, NONCONIFEROUS PULPWOOD (million cubic meters)

	HISTORY								FORECAST													
REG	1980	1981	1982	1983	1984	1985	1986	1987	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
WST	.8	.6	1.0	.8	.8	.9	.9	1.0	1.0	1.1	1.1	1.2	1.2	1.3	1.3	1.4	1.5	1.5	1.6	1.6	1.7	1.7
EST	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
INT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ASK	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CAL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
USS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	.1	.8	1.1	1.3	1.8	2.3	2.9	3.1	3.3	3.5	3.7	3.9	4.1	4.3
USN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CBC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CIN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CEA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CAM	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
BRA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SAN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CHI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	.1	.1	.1	.1	.0	.1	.0	.0	.1	.1	.1	.1	.0	.1	.1
SAS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
FIN	.2	.3	.1	.0	.1	.1	.2	.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SWE	.2	.1	.0	.1	.2	.3	.2	.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
EUW	2.4	2.5	2.5	2.2	2.3	3.0	2.7	2.7	0.0	.4	.5	.5	.6	.6	.9	1.1	1.3	1.5	1.7	1.9	2.2	2.4
EUE	.8	.8	.6	.8	.9	1.0	1.0	1.0	.9	1.0	1.1	1.2	1.2	1.3	1.4	1.3	1.3	1.2	1.1	1.0	1.0	.9
JPN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
KOR	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CHN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	.6	.5	.5	.5	.5	.6	.2	.2	.2	.2	.2	.3	.3	.3
THK	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAW	.5	.6	.6	.6	.4	.3	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
IDN	.5	.5	.3	.4	.2	.4	.5	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8
PHL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PNG	.2	.2	.2	.2	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
ICH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IND	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MDE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUW	2.0	2.1	1.8	2.1	2.2	2.1	2.3	3.0	3.0	3.3	3.3	3.2	3.2	3.2	3.1	3.1	3.0	3.0	2.9	2.9	2.8	2.8
SUE	.6	.5	.6	.6	.7	.6	.9	.9	.9	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.6	.6
AFE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AFN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AFS	.6	.5	.6	.6	.6	.7	.6	.7	.7	.5	.5	.5	.6	.6	.6	.6	.6	.6	.6	.6	.6	.5
AFW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AUS	4.1	3.8	3.5	3.4	4.0	4.2	4.0	4.7	4.7	4.5	4.5	4.5	4.1	3.8	3.8	3.8	3.7	3.7	3.7	3.6	3.6	3.6
NWZ	.1	.1	.1	.1	.2	.3	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2
OCN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOT	12.8	12.5	11.9	11.9	13.1	13.9	13.8	15.5	13.1	13.9	14.5	14.9	15.2	15.5	16.1	16.4	16.7	17.0	17.3	17.7	18.0	18.3

BASE RUN (13 November 1989)

IMPORTS, NONCONIFEROUS PULPWOOD (million cubic meters)

	HISTORY								FORECAST													
REG	1980	1981	1982	1983	1984	1985	1986	1987	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
WST	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
EST	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
INT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ASK	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CAL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
USS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
USN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CBC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CIN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CEA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CAM	.0	.0	.0	.0	.0	.0	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
BRA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SAN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CHI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SAS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
FIN	1.7	1.8	1.6	1.9	2.4	2.2	2.3	2.9	2.7	3.1	3.2	3.2	3.1	3.1	3.5	3.6	3.8	3.9	4.0	4.1	4.2	4.3
SWE	.2	.4	.4	.3	.2	.3	.6	.9	.6	.5	.5	.6	.6	.6	.4	.5	.5	.6	.7	.7	.8	.9
EUW	5.6	4.8	4.4	3.8	4.0	4.5	4.5	4.5	.6	1.1	1.1	1.2	1.3	1.4	1.4	1.3	1.3	1.2	1.1	1.0	1.0	.9
EUE	.1	.1	.1	.1	.1	.1	.1	.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
JPN	6.1	5.2	5.2	5.4	6.1	5.6	5.9	7.0	6.4	6.7	6.9	7.2	7.4	7.5	7.8	8.0	8.2	8.4	8.6	8.7	8.9	9.1
KOR	.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	0.0	0.0	0.0	0.0	0.0	0.0
CHN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	.2	.9	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.6	.6
THK	.6	1.5	.9	1.5	1.1	1.4	1.9	1.9	1.8	1.8	1.9	2.0	2.1	2.2	2.3	2.3	2.3	2.4	2.4	2.4	2.5	2.5
MAE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IDN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PHL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PNG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ICH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IND	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MDE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AFE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AFN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AFS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AFW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AUS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NWZ	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
OCN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOT	14.3	13.9	12.5	13.1	13.9	14.1	15.4	17.6	13.1	13.9	14.5	14.9	15.2	15.5	16.1	16.4	16.7	17.0	17.3	17.7	18.0	18.3

BASE RUN (13 November 1989)

PRICES, NONCONIFEROUS PULPWOOD (1980 USD/cubic meter)

	HISTORY								FORECAST													
REG	1980	1981	1982	1983	1984	1985	1986	1987	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
WSV	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.1	25.4	25.8	26.2	26.8	27.4	27.9	28.4	28.9	29.4	29.9	30.5	31.1	31.7
WSB																						
ESV																						
ESB																						
INV																						
INB																						
ASK																						
CAL																						
USS	15.9	15.6	15.3	15.3	15.4	15.6	15.9	15.8	15.8	16.1	16.5	16.9	17.5	18.1	18.6	19.1	19.6	20.1	20.6	21.2	21.8	22.4
USN																						
CBC																						
CIN																						
CEA																						
CAM																						
BRA																						
SAN																						
CHI	9.1	8.7	8.8	6.9	6.8	6.4	7.8	8.6	9.0	9.9	10.2	10.0	10.4	11.0	11.5	12.0	12.5	13.0	13.5	14.1	14.7	15.3
SAS																						
FIN	33.5	31.1	28.5	23.6	23.4	22.9	28.8	28.3	28.6	29.5	29.8	29.6	29.4	29.2	30.0	30.3	30.6	30.9	31.2	31.5	31.8	32.1
SWE	45.7	41.8	35.0	31.2	32.0	31.0	42.2	51.0	51.7	52.6	52.9	52.7	52.5	52.3	52.8	53.1	53.4	53.7	54.0	54.3	54.6	54.9
EUW	42.2	35.7	32.0	25.3	21.3	23.4	30.2	32.0	32.7	33.6	33.9	33.7	33.5	33.3	33.8	34.1	34.4	34.7	35.0	35.3	35.6	35.9
EUE	34.2	32.4	34.1	28.2	25.3	25.3	30.1	30.1	30.5	31.4	31.7	31.5	31.3	31.1	31.6	31.9	32.2	32.5	32.8	33.1	33.4	33.7
JPN	47.6	43.2	36.1	37.0	36.9	38.7	54.8	62.1	62.2	62.5	62.9	63.3	63.9	64.5	65.0	65.5	66.0	66.5	67.0	67.6	68.2	68.8
KOR	129.2	113.4	94.4	89.7	72.9	74.5	73.1	76.9	77.0	77.3	77.7	78.1	78.7	79.3	79.8	80.3	75.0	75.0	75.0	75.0	75.0	75.0
CHN	40.0	29.3	26.0	21.3	22.5	25.3	21.5	26.1	26.2	26.5	26.9	27.3	27.9	28.5	29.0	29.5	30.0	30.5	31.0	31.6	32.2	32.8
THK	68.6	55.7	47.8	38.2	37.5	37.7	34.7	49.1	49.2	49.5	49.9	50.3	50.9	51.5	52.0	52.5	53.0	53.5	54.0	54.6	55.2	55.8
MAE																						
MAW	18.0	18.3	18.0	17.7	18.2	13.9	17.0	17.1	17.2	17.5	17.9	18.3	18.9	19.5	20.0	20.5	21.0	21.5	22.0	22.6	23.2	23.8
IDN	11.0	10.1	11.7	10.7	13.0	20.9	18.8	27.0	27.1	27.4	27.8	28.2	28.8	29.4	29.9	30.4	30.9	31.4	31.9	32.5	33.1	33.7
PHL																						
PNG	0.0	0.0	46.7	40.8	37.3	36.5	37.7	59.3	59.5	59.8	60.2	60.6	61.2	61.8	62.3	62.8	63.3	63.8	64.3	64.9	65.5	66.1
ICH																						
IND																						
MDE																						
SUW	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.4	31.3	31.6	31.4	31.2	31.0	31.8	32.1	32.4	32.7	33.0	33.3	33.6	33.9
SUE	24.0	17.3	13.8	14.1	14.7	15.8	16.9	14.4	30.1	30.4	30.8	31.2	31.8	32.4	32.9	33.4	33.9	34.4	34.9	35.5	36.1	36.7
AFE																						
AFN																						
AFS	6.0	8.3	8.1	8.0	7.8	7.8	8.1	8.1	8.2	8.5	8.9	9.3	9.9	10.5	11.0	11.5	12.0	12.5	13.0	13.6	14.2	14.8
AFW																						
AUS	25.6	39.9	41.2	35.5	35.1	36.2	39.0	39.7	39.8	40.1	40.5	40.9	41.5	42.1	42.6	43.1	43.6	44.1	44.6	45.2	45.8	46.4
NWZ	6.6	6.8	7.2	6.7	6.6	7.5	9.0	7.1	7.2	7.5	7.9	8.3	8.9	9.5	10.0	10.5	11.0	11.5	12.0	12.6	13.2	13.8
OCN																						
AVE	32.2	28.0	25.3	22.5	21.4	22.6	27.3	29.3	29.8	30.3	30.5	30.5	30.6	30.6	31.1	31.4	31.8	32.1	32.5	32.9	33.4	33.8
FWA	30.3	27.3	24.6	22.3	21.1	22.1	27.3	29.3	29.5	30.1	30.4	30.6	31.0	31.2	31.7	32.1	32.6	33.0	33.4	33.9	34.4	34.9

TRADE FLOWS, HISTORICAL DATA: 1987 NONCONIFEROUS PULPWOOD (mm cum)

X\M	FIN	SWE	EUW	EUE	JPN	KOR	CHN	THK	TOT
WSV					1.02				1.02
USS					.00				.00
CBC					.04				.04
CHI	.03	.02	.01		.00				.05
SWE			.09						.09
EUW	.01	.01							.03
EUE		.01	1.20						1.21
CHN					.01				.01
MAW					.01			.06	.08
IDN					.25			.55	.81
PNG					.07			.03	.10
SUW	1.73	.97	.20	.10					3.00
SUE					.63		.23		.86
AFS					.67				.67
AUS					4.55	.09		.21	4.85
NWZ					.27				.27
TOT	1.77	1.01	1.49	.10	7.52	.09	.23	.86	13.08

TRADE FLOWS, FORECAST: 1993 NONCONIFEROUS PULPWOOD (mm cum)

X\M	FIN	SWE	EUW	EUE	JPN	KOR	CHN	THK	TOT
WSV					1.34				1.34
USS					2.92				2.92
CBC					0.00				0.00
CHI	0.00	0.00	0.00		.05				.05
SWE			0.00						0.00
EUW	.41	.45							.86
EUE		0.00	1.41						1.41
CHN					.22				.22
MAW					0.00			.03	.03
IDN					.81			0.00	.81
PNG					0.00			.10	.10
SUW	3.13	0.00	0.00	0.00					3.13
SUE					0.00		.68		.68
AFS					.57				.57
AUS					1.66	.01		2.14	3.81
NWZ					.19				.19
TOT	3.54	.45	1.41	0.00	7.76	.01	.68	2.26	16.11

TRADE FLOWS, FORECAST: 2000 NONCONIFEROUS PULPWOOD (mm cum)

X\M	FIN	SWE	EUW	EUE	JPN	KOR	CHN	THK	TOT
WSV					1.73				1.73
USS					4.30				4.30
CBC					0.00				0.00
CHI	0.00	0.00	0.00		.05				.05
SWE			0.00						0.00
EUW	1.52	.87							2.39
EUE		0.00	.90						.90
CHN					.28				.28
MAW					0.00			.03	.03
IDN					.81			0.00	.81
PNG					0.00			.10	.10
SUW	2.77	0.00	0.00	0.00					2.77
SUE					0.00		.64		.64
AFS					.55				.55
AUS					1.20	0.00		2.37	3.56
NWZ					.18				.18
TOT	4.29	.87	.90	0.00	9.09	0.00	.64	2.49	18.29

BASE RUN (13 November 1989)

PRODUCTION, CONIFEROUS SAWNWOOD (million cubic meters)

	HISTORY								FORECAST													
REG	1980	1981	1982	1983	1984	1985	1986	1987	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
WST	11.3	10.4	9.5	13.2	13.8	13.3	15.5	17.1	16.0	15.3	15.1	15.1	15.2	15.0	15.0	15.0	15.0	15.0	15.1	15.1	15.3	15.4
EST	3.6	3.5	3.4	4.1	4.3	4.3	4.8	5.3	5.4	4.9	4.8	4.7	4.7	4.7	4.7	4.8	4.8	4.9	4.9	4.9	5.0	5.0
INT	9.2	8.5	7.9	10.1	10.8	11.3	12.8	13.9	13.5	13.4	13.5	13.6	13.6	13.9	14.1	14.4	14.6	14.9	15.1	15.4	15.7	15.9
ASK	.6	.5	.4	.3	.3	.2	.3	.3	.3	.3	.3	.4	.4	.4	.4	.4	.4	.4	.5	.5	.5	.5
CAL	2.7	2.4	2.2	2.7	2.8	2.9	3.4	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7
USS	13.6	14.0	14.5	16.9	17.7	17.8	19.4	20.6	21.3	22.1	23.0	23.7	24.2	24.7	25.0	25.3	25.5	25.6	25.7	25.8	25.8	25.8
USN	3.3	2.3	2.2	2.6	2.5	2.5	2.8	3.0	3.1	3.1	3.3	3.4	3.5	3.6	3.7	3.8	3.9	4.1	4.2	4.3	4.4	4.6
CBC	7.6	6.2	5.7	7.4	7.0	7.2	6.7	8.4	8.3	8.3	8.3	8.4	8.4	8.5	8.6	8.7	8.7	8.8	8.9	9.0	9.1	9.2
CIN	14.0	13.0	12.8	16.4	16.9	18.5	18.0	20.9	21.5	21.5	21.7	21.9	22.2	22.2	22.3	22.4	22.6	22.8	22.9	23.1	23.3	23.5
CEA	8.6	8.0	7.1	9.2	9.6	10.8	12.8	13.1	13.4	13.5	13.7	13.9	14.2	14.4	14.7	14.9	15.2	15.5	15.8	16.1	16.4	16.7
CAM	2.4	2.3	2.1	2.2	2.3	2.5	2.4	2.5	2.5	2.6	2.6	2.6	2.6	2.6	2.7	2.7	2.7	2.7	2.7	2.8	2.8	2.8
BRA	7.1	7.5	7.8	8.1	8.4	8.4	8.4	8.4	8.4	8.5	8.7	8.8	9.0	9.2	9.3	9.5	9.7	9.8	10.0	10.2	10.3	10.5
SAN	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.1	.1
CHI	1.9	1.5	1.0	1.4	1.7	1.9	1.8	2.3	1.6	1.6	1.7	1.7	1.8	1.9	2.0	2.0	2.1	2.2	2.2	2.3	2.4	2.5
SAS	.2	.2	.3	.3	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.3
FIN	10.2	8.2	7.2	7.9	8.1	7.2	7.0	7.5	7.8	7.8	8.0	8.1	8.2	8.2	8.3	8.4	8.5	8.6	8.7	8.8	8.9	9.0
SWE	11.0	10.1	10.7	11.9	12.1	11.3	11.4	11.2	10.5	10.5	10.4	10.3	10.2	10.1	10.0	9.9	9.7	9.6	9.4	9.3	9.1	9.0
EUW	33.6	32.1	31.9	32.8	33.2	33.4	33.7	33.9	35.2	35.4	35.9	36.4	36.8	37.2	37.6	38.0	38.4	38.9	39.3	39.7	40.1	40.5
EUE	15.5	15.0	14.9	15.4	15.4	15.2	14.7	14.4	14.4	14.5	14.6	14.6	14.7	14.8	14.8	14.9	15.0	15.0	15.1	15.2	15.2	15.3
JPN	30.4	27.0	26.4	25.6	25.0	25.2	25.9	27.2	27.3	28.7	28.5	28.0	27.3	26.3	25.3	25.1	24.9	24.7	24.6	24.4	24.2	24.1
KOR	1.4	1.3	1.5	2.0	1.9	2.0	2.4	2.8	2.3	2.3	2.4	2.4	2.5	2.5	2.6	2.6	2.7	2.7	2.8	2.9	2.9	3.0
CHN	13.1	13.5	14.4	15.1	16.8	17.7	17.3	18.0	18.0	18.5	19.0	19.5	20.0	20.5	21.0	21.5	22.0	22.5	23.0	23.5	24.0	24.5
THK	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
MAE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IDN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PHL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PNG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ICH	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
IND	1.5	1.7	1.8	2.0	2.2	2.4	2.4	2.4	2.4	2.7	2.8	2.9	3.0	3.1	3.2	3.3	3.4	3.6	3.7	3.8	3.9	4.0
MDE	4.1	4.1	4.1	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.9	3.9	3.9	3.9	3.9	3.9	4.0	4.0	4.0	4.0
SUW	66.1	65.9	65.6	65.1	64.4	65.9	67.9	67.3	67.3	66.6	66.0	65.4	64.8	64.3	63.7	63.1	62.5	62.0	61.4	60.9	60.3	59.8
SUE	19.9	19.9	19.7	19.8	19.6	20.2	21.6	21.8	21.8	22.0	22.2	22.4	22.6	22.8	23.0	23.2	23.5	23.7	23.9	24.1	24.4	24.6
AFE	.3	.4	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3
AFN	.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
AFS	1.5	1.7	1.5	1.5	1.5	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.5
AFW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AUS	1.1	1.2	1.2	1.0	1.1	1.2	1.2	1.2	1.2	1.3	1.3	1.4	1.5	1.5	1.6	1.6	1.7	1.8	1.8	1.9	1.9	2.0
NWZ	2.0	2.1	2.2	2.1	2.1	2.3	2.4	2.1	1.7	1.7	1.7	1.7	1.7	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.9
OCN	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT	298.3	284.9	280.6	301.7	306.2	311.6	323.0	335.3	334.9	337.0	339.2	341.1	342.7	344.0	345.2	347.3	349.3	351.5	353.6	355.7	358.0	360.2

BASE RUN (13 November 1989)

CONSUMPTION, CONIFEROUS SAWNWOOD (million cubic meters)

	HISTORY								FORECAST													
REG	1980	1981	1982	1983	1984	1985	1986	1987	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
USW	18.8	17.5	15.8	21.7	23.7	24.6	25.8	27.7	27.2	27.1	27.8	28.2	28.6	28.9	29.2	29.5	29.8	30.2	30.5	30.8	31.1	31.5
USS	17.6	17.5	18.9	24.0	24.6	24.1	25.5	26.0	25.9	25.5	25.7	25.7	25.8	25.8	25.9	25.9	26.0	26.0	26.0	26.1	26.1	26.2
USN	19.6	17.4	16.9	20.6	21.6	23.5	26.3	28.4	28.3	27.6	27.7	27.5	27.4	27.3	27.2	27.0	26.9	26.8	26.7	26.5	26.4	26.3
CAN	10.6	9.6	7.1	10.0	9.3	10.9	12.9	15.7	15.6	15.8	15.9	16.0	16.2	16.3	16.4	16.6	16.7	16.8	16.9	17.1	17.2	17.3
CAM	3.6	3.4	2.9	3.2	3.5	3.6	3.4	3.4	3.4	3.5	3.5	3.6	3.6	3.6	3.7	3.7	3.8	3.8	3.9	3.9	4.0	4.0
BRA	7.0	7.3	7.6	8.0	8.3	8.3	8.3	8.3	8.4	8.5	8.7	8.8	9.0	9.2	9.3	9.5	9.7	9.8	10.0	10.2	10.3	10.5
SAN	.3	.2	.2	.1	.1	.0	.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	.2	.2	.2
CHI	.7	.6	.4	.7	.9	1.2	.9	1.3	1.3	1.4	1.4	1.5	1.6	1.6	1.7	1.8	1.9	1.9	2.0	2.1	2.1	2.2
SAS	.7	.6	.5	.6	.5	.3	.4	.4	.4	.4	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5
FIN	3.3	2.8	2.7	3.0	3.3	2.4	2.5	2.6	2.6	2.6	2.6	2.7	2.7	2.7	2.7	2.8	2.8	2.8	2.9	2.9	2.9	2.9
SWE	5.3	4.6	3.3	3.5	4.2	3.5	3.7	3.8	3.8	3.9	3.9	4.0	4.0	4.0	4.1	4.1	4.2	4.2	4.2	4.3	4.3	4.4
EUW	51.9	47.3	48.3	49.3	48.5	48.2	51.6	53.1	52.9	53.7	54.4	55.1	55.9	56.6	57.3	58.1	58.8	59.5	60.3	61.0	61.8	62.6
EUE	15.7	15.3	14.9	15.4	15.9	16.6	15.3	14.6	14.6	15.0	15.1	15.1	15.2	15.3	15.3	15.4	15.5	15.5	15.6	15.7	15.7	15.8
JPN	35.3	30.5	30.6	29.5	28.7	29.3	30.3	33.0	32.2	33.0	32.6	32.2	31.5	30.6	29.7	29.5	29.4	29.3	29.2	29.1	29.0	28.9
KOR	1.1	1.1	1.3	1.8	1.8	1.8	2.2	2.6	2.3	2.3	2.4	2.4	2.5	2.5	2.6	2.6	2.7	2.7	2.8	2.9	2.9	3.0
CHN	13.1	13.6	14.6	15.5	17.2	18.0	17.5	18.1	18.1	18.7	19.2	19.7	20.2	20.7	21.2	21.7	22.2	22.7	23.2	23.7	24.2	24.7
THK	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2
MAE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IDN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PHL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PNG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ICH	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
IND	1.6	1.7	1.9	2.0	2.2	2.4	2.4	2.4	2.4	2.7	2.8	2.9	3.0	3.1	3.2	3.3	3.4	3.6	3.7	3.8	3.9	4.0
MDE	6.5	6.3	6.6	6.4	6.5	5.7	5.3	5.2	5.2	5.4	5.5	5.7	5.8	5.9	6.1	6.2	6.3	6.5	6.6	6.7	6.9	7.0
SUW	59.5	59.5	58.8	58.1	57.6	58.5	60.3	59.8	59.8	59.2	58.7	58.1	57.5	57.0	56.4	55.9	55.4	54.8	54.3	53.8	53.3	52.8
SUE	19.5	19.6	19.4	19.6	19.3	19.9	21.2	21.4	21.4	21.6	21.8	22.0	22.2	22.4	22.6	22.8	23.0	23.2	23.4	23.7	23.9	24.1
AFE	.4	.5	.4	.3	.3	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4
AFN	1.9	2.8	3.2	3.6	3.8	3.9	3.0	3.1	3.1	3.2	3.4	3.5	3.6	3.8	3.9	4.1	4.2	4.4	4.5	4.7	4.8	5.0
AFS	1.4	1.6	1.4	1.4	1.4	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.4	1.4	1.4	1.4	1.4	1.4	1.4
AFW	.0	.0	.0	.0	.0	.0	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AUS	1.8	2.0	2.0	1.7	1.9	2.3	2.2	2.0	2.0	2.1	2.1	2.2	2.2	2.2	2.3	2.3	2.3	2.4	2.4	2.4	2.5	2.5
NWZ	1.4	1.6	1.7	1.7	1.7	1.8	2.0	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.8	1.8	1.7	1.7	1.8	1.8	1.8	1.8
OCN	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
TOT	298.6	285.3	281.5	302.3	307.3	313.2	325.2	337.1	334.9	337.0	339.2	341.1	342.7	344.0	345.2	347.3	349.3	351.5	353.6	355.7	358.0	360.2

BASE RUN (13 November 1989)

EXPORTS, CONIFEROUS SAWNWOOD (million cubic meters)

	HISTORY								FORECAST													
REG	1980	1981	1982	1983	1984	1985	1986	1987	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
WST	3.8	3.3	3.2	4.1	3.8	3.6	4.8	5.8	7.7	10.2	9.4	8.9	8.7	8.4	8.4	8.3	8.3	8.3	8.4	8.4	8.5	8.6
EST	1.5	1.4	1.4	1.7	1.7	1.7	2.1	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
INT	4.0	3.7	3.5	4.3	4.3	4.5	5.7	6.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ASK	.6	.5	.4	.3	.3	.2	.3	.3	.3	.3	.3	.4	.4	.4	.4	.4	.4	.4	.5	.5	.5	.5
CAL	.8	.8	.6	.7	.8	.8	.9	1.0	3.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
USS	3.6	3.3	3.3	2.9	3.3	3.7	4.2	4.5	.0	.0	.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
USN	.3	.4	.2	.3	.3	.2	.3	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4
CBC	6.4	4.9	4.8	5.5	5.3	5.4	5.3	6.3	8.3	8.3	8.3	8.4	8.4	8.5	8.6	8.7	8.7	8.8	8.9	9.0	9.1	9.2
CIN	9.3	7.8	8.1	11.6	11.5	13.4	13.0	15.7	19.7	19.6	20.0	20.3	20.6	20.8	21.0	21.2	21.5	21.9	22.2	22.6	23.0	23.4
CEA	4.6	5.8	6.0	6.9	8.1	7.3	7.1	5.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CAM	.3	.3	.4	.3	.3	.2	.2	.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
BRA	.2	.1	.1	.1	.1	.1	.1	.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SAN	.0	.0	.0	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CHI	1.3	.8	.6	.7	.9	.7	.8	1.0	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3
SAS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
FIN	6.9	5.4	4.6	4.9	4.8	4.9	4.5	4.9	5.2	5.2	5.4	5.4	5.5	5.5	5.6	5.6	5.7	5.8	5.8	5.9	6.0	6.1
SWE	5.9	5.6	7.5	8.4	8.0	7.9	7.7	7.5	6.7	6.6	6.5	6.4	6.2	6.1	5.9	5.7	5.6	5.4	5.2	5.0	4.8	4.6
EUW	7.0	6.1	6.3	7.3	7.6	6.9	6.9	6.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
EUE	2.4	2.4	2.4	2.5	2.4	2.1	2.3	2.3	2.3	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
JPN	.0	.0	.0	.0	.0	.0	.0	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
KOR	.4	.2	.2	.1	.2	.2	.2	.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CHN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
THK	.0	.0	.0	.0	.0	.0	.0	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IDN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PHL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PNG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ICH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IND	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MDE	.1	.1	.1	.1	.1	.1	.0	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUW	6.6	6.4	6.8	7.0	6.8	7.4	7.6	7.4	7.4	7.4	7.4	7.3	7.3	7.3	7.2	7.2	7.2	7.1	7.1	7.1	7.0	7.0
SUE	.3	.3	.3	.2	.3	.3	.3	.3	.3	.3	.3	.4	.4	.4	.4	.4	.4	.4	.5	.5	.5	.5
AFE	.0	.0	.0	.0	.0	.0	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AFN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AFS	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
AFW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AUS	.0	.0	.0	.0	.0	.0	.0	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NWZ	.6	.5	.5	.4	.4	.5	.4	.3	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
OCN	.0	.0	.0	.0	.0	.0	.0	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOT	67.1	60.6	61.5	70.6	71.3	71.9	75.0	80.1	62.7	60.9	60.5	60.2	60.3	60.3	60.4	60.5	60.8	61.1	61.5	61.8	62.3	62.8

BASE RUN (13 November 1989)

IMPORTS, CONIFEROUS SAWNWOOD (million cubic meters)

	HISTORY								FORECAST														
REG	1980	1981	1982	1983	1984	1985	1986	1987	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
USW	2.1	1.9	1.7	2.4	2.7	3.3	2.8	3.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
USS	7.6	6.9	7.6	10.0	10.2	10.1	10.3	9.9	4.7	3.4	2.7	2.1	1.7	1.2	1.0	.7	.6	.5	.4	.4	.4	.4
USN	16.5	15.5	14.8	18.4	19.4	21.2	23.8	25.8	25.6	24.9	24.8	24.6	24.4	24.2	23.9	23.7	23.4	23.2	22.9	22.7	22.4	22.2
CAN	.8	1.0	.5	.9	.7	.6	.7	.9	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4
CAM	1.5	1.4	1.1	1.3	1.5	1.3	1.3	1.1	.9	.9	.9	1.0	1.0	1.0	1.0	1.1	1.1	1.1	1.1	1.2	1.2	1.2
BRA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SAN	.2	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
CHI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SAS	.5	.3	.2	.2	.3	.2	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3
FIN	.0	.0	.0	.0	.0	.0	.0	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SWE	.2	.1	.1	.1	.1	.1	.1	.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
EUW	25.3	21.4	22.7	23.8	22.9	21.7	24.8	26.1	17.7	18.3	18.5	18.8	19.1	19.4	19.7	20.0	20.3	20.7	21.0	21.3	21.7	22.1
EUE	2.5	2.8	2.4	2.5	2.8	3.5	2.9	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
JPN	4.9	3.4	4.2	3.9	3.7	4.1	4.5	5.9	4.9	4.3	4.1	4.2	4.3	4.3	4.4	4.5	4.5	4.6	4.7	4.7	4.8	4.9
KOR	.0	.0	.0	.0	.0	.0	.0	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CHN	0.0	.2	.1	.4	.3	.3	.2	.1	.1	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2
THK	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
MAE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IDN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PHL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PNG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ICH	.0	.0	.0	.0	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IND	.1	.0	.0	.0	.0	.0	.0	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MDE	2.4	2.3	2.6	2.7	2.8	2.0	1.5	1.5	1.4	1.6	1.7	1.8	1.9	2.1	2.2	2.3	2.4	2.5	2.6	2.8	2.9	3.0
SUW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AFE	.0	.1	.1	.0	.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
AFN	1.8	2.7	3.1	3.5	3.7	3.8	2.9	3.0	3.0	3.1	3.3	3.4	3.5	3.7	3.8	4.0	4.1	4.3	4.4	4.6	4.7	4.9
AFS	.0	.0	.0	.0	.0	.0	.0	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AFW	.0	.0	.0	.0	.0	.0	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AUS	.7	.8	.9	.6	.8	1.1	1.0	.8	.8	.8	.8	.8	.7	.7	.7	.7	.6	.6	.6	.6	.5	.5
NWZ	.0	.0	.0	.0	.0	.0	.0	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
OCN	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
TOT	67.4	61.1	62.4	71.1	72.4	73.5	77.3	81.8	62.7	60.9	60.5	60.2	60.3	60.3	60.4	60.5	60.8	61.1	61.5	61.8	62.3	62.8

BASE RUN (13 November 1989)

PRICES, CONIFEROUS SAWNWOOD (1980 USD/cubic meter)

	HISTORY								FORECAST													
REG	1980	1981	1982	1983	1984	1985	1986	1987	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
WSV	155.0	125.3	104.8	114.8	108.6	108.9	112.4	119.0	120.9	119.2	119.3	118.8	118.2	118.2	118.0	117.9	117.7	117.6	117.5	117.5	117.5	117.4
WSB																						
ESV	173.7	162.0	137.7	170.5	157.7	156.6	172.9	176.3	178.3	176.6	176.7	176.2	175.6	175.6	175.4	175.3	175.1	175.0	174.9	174.9	174.9	174.8
ESB																						
INV	148.4	136.1	113.2	142.7	130.6	130.8	142.9	146.3	147.2	145.5	145.6	145.1	144.5	144.5	144.3	144.2	144.0	143.9	143.8	143.8	143.8	143.7
INB																						
ASK	0.0	0.0	0.0	0.0	0.0	0.0	0.0	160.0	161.8	160.1	135.1	125.1	119.5	117.4	115.6	117.6	119.6	121.5	123.2	124.9	126.5	127.9
CAL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	120.0	121.9	120.2	120.3	119.8	119.2	119.2	119.0	118.9	118.7	118.6	118.5	118.5	118.5	118.4
USS	126.4	108.2	111.7	130.6	118.8	111.7	116.7	134.2	136.4	134.7	134.8	134.3	133.7	133.7	133.5	133.4	133.2	133.1	133.0	133.0	133.0	132.9
USN	109.6	107.6	94.7	117.5	105.4	103.9	111.3	119.5	121.4	119.7	119.8	119.3	118.7	118.7	118.5	118.4	118.2	118.1	118.0	118.0	118.0	117.9
CBC	100.0	84.0	71.5	92.1	76.1	84.2	89.2	95.7	97.5	95.8	95.9	95.4	94.8	94.8	94.6	94.5	94.3	94.2	94.1	94.1	94.1	94.0
CIN	92.8	79.0	69.5	90.6	73.7	73.6	91.1	100.7	102.5	100.8	100.9	100.4	99.8	99.8	99.6	99.5	99.3	99.2	99.1	99.1	99.1	99.0
CEA	100.6	98.7	86.8	107.8	96.7	95.3	102.0	114.3	116.4	114.7	114.8	114.3	113.7	113.7	113.5	113.4	113.2	113.1	113.0	113.0	113.0	112.9
CAM	0.0	0.0	0.0	0.0	0.0	0.0	0.0	118.7	120.5	118.8	118.9	118.4	117.8	117.8	117.6	117.5	117.3	117.2	117.1	117.1	117.1	117.0
BRA																						
SAN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	157.0	159.1	157.4	157.5	157.0	156.4	156.4	156.2	156.1	155.9	155.8	155.7	155.7	155.7	155.6
CHI	100.3	94.1	70.8	54.3	50.2	48.9	51.8	57.9	64.5	66.4	67.2	66.6	65.5	63.8	62.8	62.0	61.0	60.1	61.7	61.0	59.9	58.8
SAS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	80.9	87.5	89.4	90.2	89.6	88.5	86.8	85.8	85.0	84.0	83.1	84.7	84.0	82.9	81.8
FIN	167.2	154.7	128.0	126.4	128.9	115.2	143.4	165.4	167.2	165.5	165.6	165.1	164.5	164.5	164.3	164.2	164.0	163.9	163.8	163.8	163.8	163.7
SWE	217.9	168.2	130.9	126.5	127.8	117.2	147.1	177.3	179.1	177.4	177.5	177.0	176.4	176.4	176.2	176.1	175.9	175.8	175.7	175.7	175.7	175.6
EUW	217.6	165.3	153.6	131.5	127.1	119.3	143.7	153.0	154.8	153.1	153.2	152.7	152.1	152.1	151.9	151.8	151.6	151.5	151.4	151.4	151.4	151.3
EUE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	146.1	148.0	146.3	146.4	145.9	145.3	145.3	145.1	145.0	144.8	144.7	144.6	144.6	144.6	144.5
JPN	320.6	247.0	214.3	207.8	191.2	194.5	272.7	361.3	363.1	361.4	336.4	326.4	320.8	318.7	316.9	318.9	320.9	322.8	324.5	326.2	327.8	329.2
KOR	251.7	206.3	188.4	188.6	167.7	165.1	170.9	185.9	201.7	205.3	208.2	210.2	211.9	214.1	215.0	216.3	217.4	218.4	219.3	220.1	220.8	221.4
CHN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	143.9	145.7	144.0	144.1	143.6	143.0	143.0	142.8	142.7	142.5	142.4	142.3	142.3	142.3	142.2
THK	0.0	0.0	0.0	0.0	0.0	0.0	0.0	224.8	226.7	225.0	225.1	224.6	224.0	224.0	223.8	223.7	223.5	223.4	223.3	223.3	223.3	223.2
MAE																						
MAW																						
IDN																						
PHL																						
PNG																						
ICH																						
IND																						
MDE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	179.9	181.6	179.9	180.0	179.5	178.9	178.9	178.7	178.6	178.4	178.3	178.2	178.2	178.2	178.1
SUW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	113.3	115.1	113.4	113.5	113.0	112.4	112.4	112.2	112.1	111.9	111.8	111.7	111.7	111.7	111.6
SUE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	113.3	115.1	113.4	88.4	78.4	72.8	70.7	68.9	70.9	72.9	74.8	76.5	78.2	79.8	81.2
AFE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	150.0	152.1	152.1	152.1	152.1	152.1	152.1	152.1	152.1	152.1	152.1	152.1	152.1	152.1	152.1
AFN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	215.8	217.5	215.8	215.9	215.4	214.8	214.8	214.6	214.5	214.3	214.2	214.1	214.1	214.1	214.0
AFS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	107.9	110.0	110.0	110.0	110.0	110.0	110.0	110.0	110.0	110.0	110.0	110.0	110.0	110.0	110.0
AFW																						
AUS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	152.9	154.7	153.0	153.1	152.6	152.0	152.0	151.8	151.7	151.5	151.4	151.3	151.3	151.3	151.2
NWZ	114.2	116.3	108.4	97.5	99.2	108.8	128.3	140.9	153.0	157.1	160.1	161.6	162.8	155.9	156.8	157.6	167.4	168.3	168.9	169.4	169.6	169.3
OCN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	157.4	169.5	173.6	176.6	178.1	179.3	172.4	173.3	174.1	183.9	184.8	185.4	185.9	186.1	185.8
AVE	189.7	153.4	135.9	135.2	125.2	121.7	146.1	167.5	170.0	169.9	165.6	163.1	160.9	159.5	158.0	157.8	157.6	157.4	157.2	157.0	156.8	156.5
FWA	177.6	145.2	128.1	133.7	123.7	121.1	144.9	167.5	169.7	168.2	164.8	163.0	161.8	161.4	160.9	161.1	161.4	161.6	161.8	162.1	162.3	162.4

TRADE FLOWS, HISTORICAL DATA: 1987 CONIFEROUS SAWNWOOD (mm cum)

X\M	USW	USS	USN	CAN	CAM	SAN	SAS	EUW	EUE	JPN	CHN	THK	MDE	AFE	AFN	AUS	OCN	TOT
WSV	11.34	1.10	2.19	.27				.32		1.67	.02	.00	.11			.35		17.37
ESV	2.88	.57	1.82															5.27
INV		1.47	4.69		.22													6.38
ASK										.31								.31
CAL	2.66	.35	.53		.04					.08								3.66
USS			4.03		.27	.03		.19										4.52
USN				.44														.44
CBC	.64	1.04	1.34	2.04	.11			1.20		1.73	.10	.00	.10		.08	.24		8.64
CIN	2.79	4.88	6.59	5.24				.64		.58								20.72
CEA		.48	4.62					.44					.02					5.56
CHI					.10		.28			.16	.00	.00	.24		.15			.92
FIN								3.95					.20		.65			4.80
SWE								6.57					.20		.70			7.46
EUW													.17		.39			.56
EUE								1.62							.09			1.71
KOR										.26								.26
SUW					.57			3.48	2.53				.25		.58			7.42
SUE										.16	.02							.18
AFS														.08				.08
NWZ										.13		.00				.21	.07	.41
TOT	20.30	9.89	25.82	8.00	1.31	.03	.28	18.42	2.53	5.10	.14	.00	1.29	.08	2.64	.80	.07	96.69

TRADE FLOWS, FORECAST: 1993 CONIFEROUS SAWNWOOD (mm cum)

X\M	USW	USS	USN	CAN	CAM	SAN	SAS	EUW	EUE	JPN	CHN	THK	MDE	AFE	AFN	AUS	OCN	TOT
WSV	6.63	.97	5.40	0.00				0.00		1.97	0.00	.06	0.00			0.00		15.03
ESV	4.75	0.00	0.00															4.75
INV		0.00	0.00		0.00													0.00
ASK										.40								.40
CAL	3.70	0.00	0.00		0.00					0.00								3.70
USS			0.00		0.00	.07		0.00										.07
USN				.44														.44
CBC	0.00	0.00	0.00	0.00	.48			5.61		1.73	.09	0.00	0.00		0.00	.68		8.59
CIN	0.00	0.00	18.53	1.33				2.44		0.00								22.30
CEA		0.00	0.00					0.00					0.00					0.00
CHI					0.00		.25			0.00	0.00	0.00	0.00		0.00			.25
FIN								3.64					1.93		0.00			5.57
SWE								2.65					0.00		3.26			5.91
EUW													0.00		0.00			0.00
EUE								2.00							0.00			2.00
KOR										0.00								0.00
SUW					.55			3.38	2.50				.24		.57			7.24
SUE										.29	.11							.40
AFS														.09				.09
NWZ										0.00		0.00				0.00	.05	.05
TOT	15.08	.97	23.93	1.77	1.04	.07	.25	19.71	2.50	4.39	.20	.06	2.17	.09	3.82	.68	.05	76.78

TRADE FLOWS, FORECAST: 2000   CONIFEROUS SAWNWOOD (mm cum)

X\M	USW	USS	USN	CAN	CAM	SAN	SAS	EUW	EUE	JPN	CHN	THK	MDE	AFE	AFN	AUS	OCN	TOT
WSV	6.82	.41	5.76	0.00				0.00		2.32	0.00	.09	0.00			0.00		15.41
ESV	5.04	0.00	0.00															5.04
INV		0.00	0.00		0.00													0.00
ASK										.50								.50
CAL	3.70	0.00	0.00		0.00					0.00								3.70
USS			0.00		0.00	.10		0.00										.10
USN				.44														.44
CBC	0.00	0.00	0.00	0.00	.67			6.27		1.73	.00	0.00	0.00		0.00	.50		9.18
CIN	0.00	0.00	16.39	.13				7.04		0.00								23.55
CEA		0.00	0.00					0.00					0.00					0.00
CHI					0.00		.25			0.00	0.00	0.00	0.00		0.00			.25
FIN								3.28					2.77		0.00			6.05
SWE								.28					0.00		4.35			4.63
EUW													0.00		0.00			0.00
EUE								2.00							0.00			2.00
KOR										0.00								0.00
SUW					.53			3.21	2.50				.23		.54			7.00
SUE										.30	.20							.50
AFS														.09				.09
NWZ										0.00		0.00				0.00	.05	.05
TOT	15.56	.41	22.15	.57	1.20	.10	.25	22.08	2.50	4.85	.20	.09	3.00	.09	4.89	.50	.05	78.48

BASE RUN (13 November 1989)

PRODUCTION, NONCONIFEROUS SAWNWOOD (million cubic meters)

	HISTORY								FORECAST													
REG	1980	1981	1982	1983	1984	1985	1986	1987	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
WST	.4	.4	.4	.4	.5	.5	.6	.7	.7	.8	.8	.9	1.0	1.0	1.1	1.1	1.2	1.3	1.3	1.4	1.4	1.5
EST	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
INT	.1	.1	.0	.1	.1	.1	.1	.1	.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ASK	0.0	.0	0.0	0.0	0.0	.0	0.0	.0	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CAL	.0	.0	.0	.0	.0	.0	.0	.0	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
USS	9.3	9.1	8.1	8.6	9.5	9.5	10.0	10.4	10.6	10.9	11.2	11.5	11.8	12.1	12.4	12.7	13.0	13.3	13.6	13.8	14.1	14.3
USN	9.0	8.9	7.9	8.3	9.3	9.2	9.7	10.2	10.9	11.2	11.5	11.9	12.2	12.6	12.9	13.2	13.6	13.9	14.2	14.6	14.9	15.2
CBC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CIN	.1	.1	.1	.1	.2	.3	.3	.3	.3	.3	.3	.4	.4	.4	.4	.5	.5	.5	.5	.6	.6	.6
CEA	1.4	1.0	1.1	.9	1.4	1.3	.9	.9	.9	1.0	1.1	1.1	1.2	1.3	1.3	1.4	1.4	1.5	1.6	1.6	1.7	1.8
CAM	1.1	1.1	.9	.7	.9	.9	.9	.8	.8	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9
BRA	7.7	8.4	8.7	9.1	9.4	9.4	9.7	9.7	9.7	9.9	10.0	10.2	10.4	10.6	10.8	10.9	11.1	11.3	11.5	11.6	11.8	12.0
SAN	3.1	3.2	2.7	2.8	2.8	3.0	3.0	3.0	3.0	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.2	3.2	3.2	3.2	3.2
CHI	.3	.3	.1	.2	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3
SAS	1.4	1.5	1.5	1.5	1.7	1.6	1.6	1.7	1.7	1.8	1.8	1.9	1.9	1.9	1.9	2.0	2.0	2.0	2.0	2.1	2.1	2.1
FIN	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
SWE	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3
EUW	12.2	11.2	10.9	10.4	11.0	11.1	11.0	10.9	10.9	10.9	11.0	11.1	11.3	11.4	11.6	11.8	12.0	12.2	12.4	12.7	12.9	13.2
EUE	6.1	6.0	5.9	6.2	6.3	6.0	6.0	6.0	6.0	6.0	6.1	6.1	6.1	6.2	6.2	6.2	6.3	6.3	6.3	6.4	6.4	6.4
JPN	6.5	5.4	4.7	4.0	3.6	3.2	2.8	2.6	2.7	2.8	2.9	3.1	3.2	3.3	3.3	3.3	3.4	3.4	3.4	3.4	3.5	3.5
KOR	1.6	1.6	1.4	1.5	1.0	1.0	1.1	1.3	1.5	1.8	1.9	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.3	2.3	2.3
CHN	7.7	8.1	8.5	8.8	9.0	9.4	9.2	9.3	9.3	9.4	9.6	9.7	9.8	10.0	10.1	10.2	10.3	10.5	10.6	10.7	10.9	11.0
THK	1.2	1.4	1.1	.9	.9	1.0	1.3	1.1	1.2	1.3	1.4	1.6	1.7	1.9	2.0	2.2	2.3	2.5	2.6	2.7	2.8	2.8
MAE	.9	1.0	1.3	1.4	1.2	1.5	1.3	1.4	1.3	1.3	1.3	1.3	1.3	1.2	1.3	1.3	1.3	1.4	1.4	1.4	1.4	1.4
MAW	5.6	4.8	5.2	5.9	4.8	4.2	4.2	5.0	4.1	4.0	3.9	3.9	3.9	3.9	4.0	4.2	4.3	4.4	4.5	4.6	4.7	4.8
IDN	4.8	5.3	6.8	6.3	6.6	7.1	7.4	9.1	9.1	9.3	9.5	9.7	9.8	10.0	10.0	10.0	10.0	9.9	9.7	9.6	9.6	9.5
PHL	1.5	1.2	1.2	1.1	1.2	1.2	1.0	1.2	1.2	1.3	1.3	1.4	1.4	1.4	1.5	1.5	1.5	1.6	1.6	1.6	1.6	1.6
PNG	.1	.1	.2	.2	.1	.1	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.3
ICH	2.4	1.9	1.9	1.8	1.9	1.8	1.8	1.9	1.9	1.9	1.9	1.9	2.0	2.0	2.0	2.1	2.1	2.2	2.2	2.2	2.3	2.3
IND	9.7	10.6	11.6	12.7	13.9	15.2	15.1	15.1	15.1	15.4	15.8	16.2	16.6	17.0	17.3	17.7	18.1	18.5	18.9	19.2	19.6	20.0
MDE	1.1	1.1	.9	1.1	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.8	1.8	1.8	1.8	1.9	1.9	1.9	1.9	2.0	2.0	2.0
SUW	9.4	9.4	9.4	9.3	9.1	9.3	9.6	9.7	9.7	9.8	10.0	10.1	10.2	10.3	10.4	10.5	10.6	10.8	10.9	11.0	11.1	11.2
SUE	2.8	2.9	2.8	2.8	2.8	2.9	3.0	3.1	3.1	3.1	3.1	3.2	3.2	3.2	3.3	3.3	3.3	3.4	3.4	3.4	3.5	3.5
AFE	.5	.5	.5	.5	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6
AFN	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
AFS	.2	.2	.2	.2	.3	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.3	.3	.3	.3
AFW	4.6	4.7	4.5	4.2	4.5	4.9	4.9	5.0	5.0	5.0	5.1	5.1	5.2	5.2	5.3	5.3	5.4	5.4	5.5	5.5	5.6	5.7
AUS	2.3	2.3	2.2	1.8	1.9	2.0	2.0	1.9	1.9	1.8	1.8	1.8	1.8	1.7	1.7	1.7	1.7	1.6	1.6	1.6	1.6	1.5
NWZ	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
OCN	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2
TOT	115.7	114.0	113.2	114.4	118.8	121.0	122.1	126.1	126.5	128.7	131.0	133.7	136.0	138.4	140.9	143.3	145.6	147.8	150.0	152.2	154.4	156.4

BASE RUN (13 November 1989)

CONSUMPTION, NONCONIFEROUS SAWNWOOD (million cubic meters)

	HISTORY								FORECAST													
REG	1980	1981	1982	1983	1984	1985	1986	1987	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
USW	.5	.4	.4	.4	.6	.6	.6	.7	.7	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6
USS	9.3	9.1	8.0	8.5	9.5	9.5	9.8	10.3	10.4	10.6	10.8	11.0	11.2	11.4	11.6	11.8	12.0	12.2	12.3	12.5	12.7	12.9
USN	8.6	8.4	7.6	7.9	9.0	9.1	9.5	9.9	10.0	10.2	10.4	10.6	10.8	11.0	11.2	11.3	11.5	11.7	11.9	12.0	12.2	12.4
CAN	1.8	1.3	1.3	1.3	1.8	1.7	1.3	1.4	1.4	1.4	1.5	1.6	1.7	1.8	1.9	2.0	2.0	2.1	2.2	2.3	2.4	2.5
CAM	1.3	1.2	1.0	.9	1.1	1.0	1.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
BRA	7.6	8.1	8.7	8.9	9.3	9.3	9.7	9.5	9.6	9.7	9.9	10.0	10.1	10.2	10.3	10.5	10.6	10.7	10.8	10.9	11.0	11.2
SAN	3.0	3.2	2.7	2.8	2.8	2.9	2.9	2.9	2.9	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.1	3.1	3.1	3.1	3.1
CHI	.3	.2	.1	.2	.3	.3	.2	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3
SAS	1.3	1.3	1.3	1.3	1.5	1.3	1.4	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.7	1.7	1.7	1.7	1.7	1.8	1.8	1.8
FIN	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
SWE	.3	.3	.2	.3	.3	.2	.2	.2	.2	.2	.2	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3
EUW	15.8	14.1	13.9	13.7	13.8	14.3	14.2	14.3	14.4	14.8	15.1	15.5	15.9	16.2	16.6	17.0	17.4	17.8	18.3	18.7	19.1	19.6
EUE	5.5	5.5	5.4	5.7	5.8	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.8	5.8	5.8	5.9	5.9	5.9	5.9	6.0	6.0	6.0
JPN	7.0	5.9	5.3	4.8	4.3	4.2	3.8	3.8	3.7	3.8	3.5	3.4	3.3	3.3	3.4	3.4	3.5	3.5	3.5	3.5	3.5	3.6
KOR	1.7	1.6	1.5	1.5	1.1	1.2	1.4	1.7	1.7	1.8	1.9	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.3	2.3	2.3
CHN	7.7	8.1	8.5	8.8	9.0	9.4	9.2	9.3	9.3	9.4	9.6	9.7	9.8	10.0	10.1	10.2	10.3	10.5	10.6	10.7	10.9	11.0
THK	1.4	1.7	1.5	1.4	1.5	1.6	2.2	2.3	2.3	2.3	2.4	2.4	2.5	2.6	2.6	2.7	2.7	2.8	2.8	2.9	3.0	3.0
MAE	.6	.5	.5	.4	.3	.4	.2	.4	.4	.4	.4	.5	.5	.5	.5	.6	.6	.6	.6	.6	.7	.7
MAW	3.0	2.8	3.3	4.0	3.5	3.1	3.2	3.2	3.3	3.6	3.8	4.1	4.3	4.6	4.8	4.9	5.0	5.2	5.3	5.4	5.5	5.6
IDN	3.6	4.1	5.6	4.5	4.4	4.9	5.6	6.6	6.7	7.0	7.3	7.6	7.8	8.0	8.2	8.5	8.7	8.8	9.0	9.1	9.2	9.1
PHL	.8	.7	.6	.4	.7	.7	.5	.6	.6	.6	.7	.7	.7	.7	.8	.8	.8	.8	.9	.9	.9	.9
PNG	.1	.1	.1	.1	.1	.1	.1	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.3
ICH	2.6	2.2	2.2	2.1	2.2	2.0	2.0	2.2	2.2	2.3	2.3	2.3	2.4	2.4	2.4	2.5	2.5	2.6	2.6	2.6	2.7	2.7
IND	9.7	10.6	11.7	12.8	14.0	15.3	15.2	15.1	15.1	15.4	15.8	16.2	16.6	17.0	17.3	17.7	18.1	18.5	18.9	19.2	19.6	20.0
MDE	1.6	1.5	1.4	1.7	2.3	2.4	2.2	2.2	2.2	2.2	2.3	2.3	2.4	2.5	2.5	2.6	2.7	2.7	2.8	2.9	2.9	3.0
SUW	9.2	9.3	9.2	9.1	9.0	9.2	9.4	9.6	9.6	9.7	9.8	9.9	10.0	10.1	10.2	10.3	10.4	10.5	10.6	10.7	10.8	10.9
SUE	2.8	2.8	2.8	2.8	2.7	2.8	3.0	3.0	3.0	3.1	3.1	3.1	3.1	3.2	3.2	3.2	3.3	3.3	3.3	3.3	3.4	3.4
AFE	.6	.6	.6	.6	.6	.6	.5	.5	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6
AFN	.3	.3	.3	.4	.4	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3
AFS	.4	.4	.4	.5	.5	.4	.4	.4	.4	.4	.4	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5
AFW	4.0	4.3	4.0	3.7	3.9	4.2	4.2	4.2	4.2	4.3	4.3	4.3	4.4	4.4	4.5	4.5	4.6	4.6	4.7	4.7	4.8	4.8
AUS	2.5	2.6	2.4	1.9	2.1	2.2	2.2	2.1	2.1	2.1	2.1	2.0	2.0	2.0	2.0	1.9	1.9	1.9	1.9	1.8	1.8	1.8
NWZ	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
OCN	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2
TOT	115.2	113.5	112.8	113.6	118.4	121.2	122.7	125.7	126.5	128.7	131.0	133.7	136.0	138.4	140.9	143.3	145.6	147.8	150.0	152.2	154.4	156.4

BASE RUN (13 November 1989)

EXPORTS, NONCONIFEROUS SAWNWOOD (million cubic meters)

	HISTORY								FORECAST													
REG	1980	1981	1982	1983	1984	1985	1986	1987	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
WST	.0	.1	.0	.1	.1	.1	.2	.2	.7	.8	.8	.9	1.0	1.0	1.1	1.1	1.2	1.3	1.3	1.4	1.4	1.5
EST	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
INT	.1	.1	.0	.1	.1	.1	.1	.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ASK	0.0	.0	0.0	0.0	0.0	.0	0.0	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CAL	.0	.0	.0	.0	.0	.0	.0	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
USS	.4	.4	.3	.4	.4	.4	.5	.7	.3	.4	.5	.6	.7	.9	1.0	1.1	1.2	1.2	1.3	1.4	1.5	1.6
USN	.7	.6	.5	.7	.6	.5	.5	.7	1.2	1.4	1.5	1.6	1.8	2.0	2.1	2.3	2.4	2.6	2.7	2.9	3.1	3.2
CBC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CIN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CEA	.2	.2	.2	.2	.2	.2	.2	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4
CAM	.0	.0	.0	.0	.0	.0	.0	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
BRA	.6	.6	.4	.5	.4	.4	.4	.5	.2	.4	.4	.5	.5	.6	.7	.7	.8	.9	.9	1.0	1.1	1.1
SAN	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
CHI	.0	.0	.0	.0	.0	.0	.0	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SAS	.3	.3	.3	.3	.3	.4	.3	.2	.2	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3
FIN	.0	.0	.0	.0	.0	.0	.0	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SWE	.0	.0	.0	.0	.0	.0	.0	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
EUW	2.3	2.0	1.9	2.0	2.4	2.2	2.4	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
EUE	.6	.5	.5	.5	.6	.4	.3	.3	.3	.3	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4
JPN	.0	.0	.0	.0	.0	.0	.0	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
KOR	.0	.0	.0	0.0	.0	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CHN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
THK	.0	.0	.1	.1	.1	.1	.1	.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAE	.4	.5	.8	1.1	1.0	1.1	1.1	1.1	.9	.9	.9	.8	.8	.7	.7	.8	.8	.8	.8	.8	.8	.8
MAW	3.9	3.2	3.1	3.2	2.6	2.3	2.6	3.8	.8	.5	.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IDN	1.2	1.2	1.2	1.8	2.2	2.2	1.8	2.6	2.4	2.3	2.2	2.1	2.0	1.9	1.8	1.5	1.3	1.0	.8	.5	.4	.4
PHL	.7	.5	.6	.7	.5	.5	.5	.6	.6	.6	.6	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7
PNG	.0	.0	.0	.0	.0	.0	.0	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ICH	.1	.1	.1	.1	.1	.1	.1	.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IND	.0	.0	.0	.0	.0	.0	.0	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MDE	.0	.0	.0	.0	.0	.0	.0	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUW	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.3
SUE	.1	.1	.1	.1	.1	.1	.1	.1	.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
AFE	.0	.0	.0	.0	.0	.0	.0	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AFN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AFS	.0	.0	.0	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AFW	.6	.5	.5	.6	.7	.8	.8	.8	.7	.7	.7	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8
AUS	.0	.0	.0	.0	.0	.0	.0	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NWZ	.0	.0	.0	.0	.0	.0	.0	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
OCN	.0	.0	.0	.0	.0	.0	.0	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOT	12.8	11.3	11.1	12.7	12.8	12.1	12.3	15.3	9.1	9.3	9.2	9.3	9.6	9.9	10.2	10.4	10.5	10.7	10.9	11.1	11.3	11.6

BASE RUN (13 November 1989)

IMPORTS, NONCONIFEROUS SAWNWOOD (million cubic meters)

	HISTORY								FORECAST													
REG	1980	1981	1982	1983	1984	1985	1986	1987	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
USW	.1	.1	.1	.1	.1	.2	.1	.1	.5	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6
USS	.3	.3	.2	.3	.4	.4	.3	.6	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
USN	.2	.2	.2	.2	.3	.3	.4	.5	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4
CAN	.5	.4	.3	.5	.4	.3	.3	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5
CAM	.2	.1	.2	.2	.2	.2	.2	.2	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
BRA	.5	.3	.3	.3	.3	.4	.4	.3	.2	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3
SAN	.1	.1	.1	.1	.1	.0	.0	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CHI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SAS	.2	.1	.1	.1	.1	.0	.1	.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
FIN	.0	.0	.0	.0	.0	.0	.0	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SWE	.1	.1	.0	.1	.1	.1	.1	.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
EUW	6.0	4.9	4.8	5.3	5.2	5.4	5.5	5.8	3.5	3.8	4.1	4.4	4.6	4.8	5.0	5.2	5.4	5.6	5.8	6.0	6.2	6.4
EUE	.0	.1	.0	.0	.1	.1	.0	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
JPN	.6	.5	.6	.8	.8	1.0	1.0	1.2	1.0	1.0	.6	.3	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
KOR	.1	.0	.1	.1	.1	.2	.3	.4	.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CHN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
THK	.3	.3	.5	.5	.7	.7	.9	1.2	1.1	1.0	1.0	.9	.8	.7	.6	.5	.4	.3	.2	.2	.2	.2
MAE	.1	.1	.1	.0	.0	.0	.0	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAW	1.3	1.2	1.2	1.4	1.4	1.2	1.6	2.0	0.0	0.0	0.0	.2	.5	.7	.7	.8	.8	.8	.8	.8	.8	.8
IDN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PHL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PNG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ICH	.3	.4	.3	.4	.4	.2	.2	.4	.3	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4
IND	.0	.0	.1	.1	.1	.1	.1	.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MDE	.5	.4	.5	.6	.6	.7	.5	.5	.5	.5	.6	.6	.6	.7	.7	.8	.8	.8	.9	.9	1.0	1.0
SUW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AFE	.1	.1	.1	.1	.0	.0	.0	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AFN	.2	.2	.2	.3	.3	.2	.2	.3	.3	.3	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.3
AFS	.3	.2	.2	.3	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.3	.3
AFW	.1	.1	.1	.1	.0	.0	.0	.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AUS	.3	.3	.3	.2	.3	.3	.2	.2	.2	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3
NWZ	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
OCN	0.0	0.0	.0	.0	.0	.0	.0	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOT	12.4	10.8	10.6	11.9	12.4	12.4	12.9	15.0	9.1	9.3	9.2	9.3	9.6	9.9	10.2	10.4	10.5	10.7	10.9	11.1	11.3	11.6

BASE RUN (13 November 1989)

PRICES, NONCONIFEROUS SAWNWOOD (1980 USD/cubic meter)

	HISTORY								FORECAST													
REG	1980	1981	1982	1983	1984	1985	1986	1987	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
WSV	0.0	0.0	0.0	0.0	0.0	0.0	0.0	258.4	254.7	256.1	256.7	257.8	258.7	260.4	261.4	262.7	263.9	265.2	266.6	265.3	263.9	264.1
WSB																						
ESV																						
ESB																						
INV	0.0	0.0	0.0	0.0	0.0	0.0	0.0	284.6	281.0	282.4	283.0	284.1	285.0	286.7	287.7	289.0	290.2	291.5	292.9	294.7	296.2	297.3
INB																						
ASK																						
CAL																						
USS	120.5	111.1	108.8	127.9	129.7	134.7	145.3	162.4	158.8	160.2	160.8	161.9	162.8	164.5	165.5	166.8	168.0	169.3	170.7	172.5	174.0	175.1
USN	120.5	111.1	108.8	127.9	129.7	134.7	145.3	162.4	158.8	160.2	160.8	161.9	162.8	164.5	165.5	166.8	168.0	169.3	170.7	172.5	174.0	175.1
CBC																						
CIN																						
CEA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	220.3	216.7	198.6	179.6	163.7	150.3	138.2	127.8	118.7	110.7	103.5	97.1	91.4	86.1	81.5
CAM	0.0	0.0	0.0	0.0	0.0	0.0	0.0	197.8	194.3	195.7	196.3	197.4	198.3	200.0	201.0	202.3	203.5	204.8	206.2	208.0	209.5	210.6
BRA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	262.6	259.0	260.4	261.0	262.1	263.0	264.7	265.7	267.0	268.2	269.5	270.9	272.7	274.2	275.3
SAN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	333.6	330.0	331.4	332.0	333.1	334.0	335.7	336.7	338.0	339.2	340.5	341.9	343.7	345.2	346.3
CHI																						
SAS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	317.5	313.9	315.3	315.9	317.0	317.9	319.6	320.6	321.9	323.1	324.4	325.8	327.6	329.1	330.2
FIN																						
SWE																						
EUW	371.7	312.6	293.5	267.6	247.8	222.4	258.6	276.2	272.6	274.0	274.6	275.7	276.6	278.3	279.3	280.6	281.8	283.1	284.5	286.3	287.8	288.9
EUE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	197.8	194.2	195.6	196.2	197.3	198.2	199.9	200.9	202.2	203.4	204.7	206.1	207.9	209.4	210.5
JPN	636.9	530.6	490.1	483.3	476.4	489.9	694.5	856.0	852.4	853.8	854.4	855.5	856.4	839.4	823.9	818.9	814.9	811.9	809.5	807.7	806.3	805.6
KOR	353.1	272.5	283.9	291.5	261.2	240.2	253.9	319.6	315.9	305.8	301.2	269.9	275.3	280.6	285.7	290.8	296.0	300.4	305.3	310.1	314.8	319.4
CHN																						
THK	229.5	191.7	180.7	199.5	191.5	182.8	286.2	293.6	290.0	291.4	292.0	293.1	294.0	295.7	296.7	298.0	299.2	300.5	301.9	300.6	299.2	299.4
MAE	198.1	154.4	152.3	144.3	145.1	135.7	153.7	180.8	177.2	178.6	179.2	180.3	181.3	183.0	188.2	193.9	199.1	204.8	210.1	215.0	220.0	224.6
MAW	176.0	138.5	129.0	137.0	132.0	126.9	142.4	147.5	143.9	145.3	145.9	147.2	148.2	149.9	155.1	160.8	166.0	171.7	177.0	181.9	186.9	191.5
IDN	172.3	127.8	118.8	119.6	96.2	106.1	135.2	140.8	137.2	138.6	139.2	140.3	141.2	142.9	143.9	145.2	146.4	147.7	149.1	150.9	153.3	156.2
PHL	244.2	210.9	187.5	175.1	171.2	155.3	187.4	214.9	211.3	212.7	213.3	214.4	215.3	217.0	218.0	219.3	220.5	221.8	223.2	225.0	226.5	227.6
PNG																						
ICH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	175.4	171.7	173.1	173.7	174.8	175.8	177.5	178.5	179.8	181.0	182.3	183.7	185.5	187.9	190.8
IND																						
MDE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	224.8	221.2	222.6	223.2	224.3	225.2	226.9	227.9	229.2	230.4	231.7	233.1	231.8	230.4	230.6
SUW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	220.0	216.4	217.8	218.4	219.5	220.4	222.1	223.1	224.4	225.6	226.9	228.3	230.1	231.6	232.7
SUE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	220.0	216.4	217.8	218.4	219.5	220.4	203.4	187.9	182.9	178.9	175.9	173.5	171.7	170.3	169.6
AFE																						
AFN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	197.8	194.2	195.6	196.2	197.3	198.2	199.9	200.9	202.2	203.4	204.7	206.1	207.9	209.4	210.5
AFS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	241.0	237.4	238.8	239.4	240.5	241.4	243.1	244.1	245.4	246.6	247.9	249.3	251.1	252.6	253.7
AFW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	215.8	212.2	213.6	214.2	215.3	216.2	217.9	218.9	220.2	221.4	222.7	224.1	225.9	227.4	228.5
AUS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	239.2	235.6	237.0	237.6	238.7	239.6	241.3	242.3	243.6	244.8	246.1	247.5	246.2	244.8	245.0
NWZ	0.0	0.0	0.0	0.0	0.0	0.0	0.0	328.2	324.6	326.0	326.6	327.7	328.6	330.3	331.3	332.6	333.8	335.1	336.5	335.2	333.8	334.0
OCN																						
AVE	267.5	217.3	200.9	195.4	182.2	176.4	206.9	222.4	220.7	223.0	224.4	225.5	227.5	228.4	228.6	230.1	231.5	233.0	234.6	236.4	238.0	239.4
FWA	223.8	187.2	177.4	180.1	170.9	168.3	199.9	222.4	218.8	219.9	220.4	220.8	221.8	222.7	223.4	225.1	226.6	228.3	230.1	232.1	234.0	235.8

TRADE FLOWS, HISTORICAL DATA: 1987 NONCONIFEROUS SAWNWOOD (mm cum)

X\M	USW	USS	USN	CAN	CAM	BRA	EUW	JPN	KOR	THK	MAW	ICH	MDE	AFN	AFS	AUS	NWZ	TOT
WSV				.05				.10	.00	.04			.00			.00	.00	.19
INV					.05			.05		.02								.13
USS					.06		.34	.12	.02	.17								.70
USN				.48			.18	.03	.02	.02								.74
CIN				.30														.30
CEA			.37															.37
BRA		.30					.20											.50
SAN		.11																.11
SAS						.25												.25
EUW														.10				.10
EUE							.25							.09				.34
MAE							.43	.18	.10	.14	.10	.07	.01			.03		1.07
MAW	.04	.04	.01				1.09	.21	.02	.24		.28	.47			.12	.01	2.53
IDN	.03	.03	.02				.53	.73	.24	.46	.56	.00	.01				.01	2.62
PHL	.03	.03	.02				.30	.21	.03	.03								.63
SUW							.15											.15
SUE								.05										.05
AFW							.38						.07	.05	.21			.71
TOT	.11	.51	.42	.83	.11	.25	3.84	1.69	.42	1.12	.66	.35	.56	.24	.21	.15	.02	11.50

TRADE FLOWS, FORECAST: 1993 NONCONIFEROUS SAWNWOOD (mm cum)

X\M	USW	USS	USN	CAN	CAM	BRA	EUW	JPN	KOR	THK	MAW	ICH	MDE	AFN	AFS	AUS	NWZ	TOT
WSV				0.00				0.00	0.00	.08			.72			.25	.03	1.07
INV					0.00			0.00		0.00								0.00
USS					.11		.30	0.00	0.00	.54								.95
USN				.48			1.61	0.00	0.00	0.00								2.10
CIN				.44														.44
CEA			.37															.37
BRA		0.00					.68											.68
SAN		.10																.10
SAS						.27												.27
EUW														0.00				0.00
EUE							.37							0.00				.37
MAE							0.00	0.00	0.00	0.00	.74	0.00	0.00			0.00		.74
MAW	0.00	0.00	0.00				0.00	0.00	0.00	0.00		0.00	0.00			0.00	0.00	0.00
IDN	0.00	0.00	0.00				1.38	0.00	0.00	0.00	0.00	.40	0.00				0.00	1.78
PHL	.55	0.00	0.00				.15	0.00	0.00	0.00								.70
SUW							.20											.20
SUE								.07										.07
AFW							.34						0.00	.21	.23			.78
TOT	.55	.10	.37	.92	.11	.27	5.03	.07	0.00	.62	.74	.40	.72	.21	.23	.25	.03	10.62

TRADE FLOWS, FORECAST: 2000   NONCONIFEROUS SAWNWOOD (mm cum)

X\M	USW	USS	USN	CAN	CAM	BRA	EUW	JPN	KOR	THK	MAW	ICH	MDE	AFN	AFS	AUS	NWZ	TOT
WSV				0.00				0.00	0.00	.22			1.00			.25	.03	1.50
INV					0.00			0.00		0.00								0.00
USS					.10		1.48	0.00	0.00	0.00								1.58
USN				.48			2.68	0.00	0.00	0.00								3.16
CIN				.60														.60
CEA			.37															.37
BRA		0.00					1.14											1.14
SAN		.10																.10
SAS						.30												.30
EUW														0.00				0.00
EUE							.40							0.00				.40
MAE							0.00	0.00	0.00	0.00	.77	0.00	0.00			0.00		.77
MAW	0.00	0.00	0.00				0.00	0.00	0.00	0.00		0.00	0.00			0.00	0.00	0.00
IDN	0.00	0.00	0.00				0.00	0.00	0.00	0.00	0.00	.40	0.00				0.00	.40
PHL	.55	0.00	0.00				.16	0.00	0.00	0.00								.71
SUW							.25											.25
SUE								.10										.10
AFW							.34						0.00	.25	.26			.85
TOT	.55	.10	.37	1.09	.10	.30	6.45	.10	0.00	.22	.77	.40	1.00	.25	.26	.25	.03	12.23

BASE RUN (13 November 1989)

PRODUCTION, CONIFEROUS PLYWOOD (million cubic meters)

	HISTORY								FORECAST													
REG	1980	1981	1982	1983	1984	1985	1986	1987	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
WST	6.9	6.3	5.8	7.5	7.6	7.6	8.8	9.2	8.8	8.5	8.3	8.3	8.3	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2
EST	.8	.8	.6	.8	.9	.9	1.0	1.1	1.1	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	1.0	1.0	1.0
INT	1.5	1.5	1.2	1.6	1.5	1.4	1.4	1.4	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.2
ASK	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CAL	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
USS	7.4	8.3	8.5	10.0	10.2	10.6	11.3	11.5	11.8	12.0	12.2	12.2	12.3	12.3	12.3	12.2	12.2	12.2	12.1	12.1	12.0	12.0
USN	.1	.1	.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
CBC	1.9	1.7	1.4	1.8	1.6	1.6	1.5	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
CIN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CEA	.4	.4	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3
CAM	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3
BRA	.5	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6
SAN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CHI	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1
SAS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
FIN	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.3
SWE	.1	.1	.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
EUW	1.6	1.5	1.4	1.4	1.5	1.4	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
EUE	.6	.6	.6	.6	.6	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.6
JPN	0.0	0.0	0.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
KOR	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CHN	.3	.3	.3	.4	.4	.5	.5	.5	.5	.7	.9	1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0
THK	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IDN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PHL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PNG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ICH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IND	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MDE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUW	1.2	1.3	1.2	1.3	1.3	1.3	1.4	1.4	1.4	1.4	1.4	1.5	1.5	1.5	1.5	1.6	1.6	1.6	1.7	1.7	1.7	1.8
SUE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AFE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AFN	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2
AFS	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
AFW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AUS	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	.2	.2	.2	.2
NWZ	.1	.1	.1	.1	.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2
OCN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOT	24.2	24.4	23.0	27.2	27.6	28.1	30.0	31.3	31.1	31.0	31.2	31.4	31.5	31.6	31.8	31.9	32.0	32.1	32.2	32.3	32.5	32.6

BASE RUN (13 November 1989)

CONSUMPTION, CONIFEROUS PLYWOOD (million cubic meters)

	HISTORY								FORECAST													
REG	1980	1981	1982	1983	1984	1985	1986	1987	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
USW	5.2	4.9	4.3	5.8	5.9	5.5	5.8	6.1	6.1	6.1	6.1	6.1	6.2	6.2	6.3	6.4	6.4	6.4	6.5	6.5	6.6	6.6
USS	6.3	6.6	6.9	8.4	8.5	8.3	8.7	8.3	8.2	8.1	8.1	8.0	8.0	7.9	7.9	7.8	7.8	7.7	7.6	7.6	7.6	7.5
USN	4.8	4.9	4.5	5.1	5.4	6.1	7.1	8.0	8.0	7.8	7.7	7.7	7.6	7.6	7.5	7.5	7.4	7.4	7.3	7.3	7.2	7.2
CAN	1.9	1.8	1.4	1.7	1.5	1.6	1.7	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
CAM	.4	.4	.4	.4	.4	.3	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4
BRA	.5	.6	.6	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.4
SAN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CHI	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1
SAS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
FIN	.0	.0	.0	.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
SWE	.2	.1	.1	.1	.1	.1	.1	.2	.2	.2	.2	.2	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1
EUW	2.8	2.8	2.6	2.7	2.7	2.7	2.9	2.9	2.9	3.0	3.0	3.0	3.1	3.1	3.1	3.2	3.2	3.3	3.3	3.3	3.4	3.4
EUE	.6	.6	.6	.5	.6	.6	.6	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5
JPN	0.0	0.0	0.0	.1	.1	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2
KOR	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CHN	.3	.3	.3	.4	.4	.5	.5	.5	.5	.7	.9	1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0
THK	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IDN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PHL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PNG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ICH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IND	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MDE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUW	1.2	1.2	1.1	1.2	1.2	1.2	1.2	1.2	1.2	1.1	1.2	1.2	1.2	1.2	1.3	1.3	1.3	1.3	1.3	1.4	1.4	1.4
SUE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AFE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AFN	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2
AFS	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
AFW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AUS	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	.2	.2	.2	.2	.2	.2	.2	.2	.3
NWZ	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2
OCN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOT	24.5	24.6	23.1	27.4	27.7	28.0	30.1	31.3	31.1	31.0	31.2	31.4	31.5	31.6	31.8	31.9	32.0	32.1	32.2	32.3	32.5	32.6

BASE RUN (13 November 1989)

EXPORTS, CONIFEROUS PLYWOOD (million cubic meters)

	HISTORY								FORECAST													
REG	1980	1981	1982	1983	1984	1985	1986	1987	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
WST	3.1	2.9	2.6	3.1	3.2	3.5	4.2	4.3	5.2	4.7	4.5	4.4	4.3	4.1	4.1	4.0	4.0	4.0	3.9	3.9	3.9	3.9
EST	.3	.3	.3	.4	.4	.5	.6	.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
INT	.6	.6	.5	.7	.6	.5	.6	.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ASK	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CAL	.0	.0	.0	.0	.0	.0	.0	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
USS	2.6	3.1	3.0	3.2	3.5	4.0	4.4	4.9	3.6	3.9	4.0	4.2	4.3	4.4	4.4	4.5	4.4	4.5	4.5	4.5	4.5	4.5
USN	.0	.0	.0	.0	.0	.0	.1	.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CBC	.5	.4	.4	.4	.4	.4	.3	.3	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2
CIN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CEA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CAM	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
BRA	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
SAN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CHI	0.0	0.0	.0	.0	.0	.0	.0	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SAS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
FIN	.2	.1	.1	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2
SWE	.0	.0	.0	.0	.0	.0	.0	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
EUW	.5	.5	.5	.6	.6	.5	.6	.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
EUE	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
JPN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
KOR	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CHN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
THK	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IDN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PHL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PNG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ICH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IND	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MDE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUW	.2	.2	.2	.2	.2	.2	.2	.2	.2	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.4
SUE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AFE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AFN	.0	.0	.0	.0	.0	.0	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AFS	.0	.0	.0	.0	.0	.0	.0	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AFW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AUS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NWZ	.0	.0	.0	.0	.0	.0	.0	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
OCN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOT	8.2	8.5	7.8	8.9	9.2	10.1	11.5	12.3	9.6	9.5	9.4	9.5	9.5	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4

BASE RUN (13 November 1989)

IMPORTS, CONIFEROUS PLYWOOD (million cubic meters)

	HISTORY								FORECAST													
REG	1980	1981	1982	1983	1984	1985	1986	1987	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
USW	.0	.0	.0	.0	.0	.0	.0	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
USS	1.5	1.4	1.4	1.6	1.8	1.7	1.8	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
USN	4.7	4.9	4.5	5.1	5.3	6.0	7.1	8.0	7.9	7.7	7.6	7.6	7.5	7.5	7.4	7.4	7.3	7.3	7.2	7.1	7.1	7.1
CAN	.0	.1	.0	.1	.0	.1	.1	.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CAM	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
BRA	.1	.1	.1	.1	.1	.1	.1	.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SAN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CHI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SAS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
FIN	.0	.0	.0	.0	.0	.0	.0	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SWE	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
EUW	1.7	1.7	1.6	1.8	1.8	1.8	2.0	2.0	1.4	1.5	1.5	1.5	1.6	1.6	1.6	1.7	1.7	1.8	1.8	1.8	1.9	1.9
EUE	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
JPN	0.0	0.0	0.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
KOR	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CHN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
THK	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IDN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PHL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PNG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ICH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IND	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MDE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUW	.1	.1	.1	.1	.1	.1	.1	.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AFE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AFN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AFS	.0	.0	.0	.0	.0	.0	.0	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AFW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AUS	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.1
NWZ	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
OCN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOT	8.5	8.6	8.0	9.0	9.4	10.0	11.5	12.4	9.6	9.5	9.4	9.5	9.5	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4

BASE RUN (13 November 1989)

PRICES, CONIFEROUS PLYWOOD (1980 USD/cubic meter)

	HISTORY								FORECAST													
REG	1980	1981	1982	1983	1984	1985	1986	1987	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
WSV	174.6	155.5	140.6	145.8	144.9	140.9	144.9	145.5	148.5	146.6	146.5	146.2	145.9	146.2	146.2	146.3	146.3	146.4	146.4	146.4	146.4	146.3
WSB																						
ESV	174.6	155.5	140.6	145.8	144.9	140.9	144.9	145.5	147.5	145.6	145.5	145.2	144.9	145.2	145.2	145.3	145.3	145.4	145.4	145.4	145.4	145.3
ESB																						
INV	174.6	155.5	140.6	145.8	144.9	140.9	144.9	145.5	147.5	145.6	145.5	145.2	144.9	145.2	145.2	145.3	145.3	145.4	145.4	145.4	145.4	145.3
INB																						
ASK																						
CAL																						
USS	162.9	135.4	129.1	143.7	130.8	129.4	139.6	135.4	138.4	136.5	136.4	136.1	135.8	136.1	136.1	136.2	136.2	136.3	136.3	136.3	136.3	136.2
USN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	155.0	158.0	156.1	156.0	155.7	155.4	155.7	155.7	155.8	155.8	155.9	155.9	155.9	155.9	155.8
CBC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	150.0	153.0	151.1	151.0	150.7	150.4	150.7	150.7	150.8	150.8	150.9	150.9	150.9	150.9	150.8
CIN																						
CEA																						
CAM	0.0	0.0	0.0	0.0	0.0	0.0	0.0	359.7	362.6	360.7	360.6	360.3	360.0	360.3	360.3	360.4	360.4	360.5	360.5	360.5	360.5	360.4
BRA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	281.5	284.4	282.5	282.4	282.1	281.8	282.1	282.1	282.2	282.2	282.3	282.3	282.3	282.3	282.2
SAN																						
CHI																						
SAS																						
FIN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	650.2	653.1	651.2	651.1	650.8	650.5	650.8	650.8	650.9	650.9	651.0	651.0	651.0	651.0	650.9
SWE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	698.7	701.7	699.8	699.7	699.4	699.1	699.4	699.4	699.5	699.5	699.6	699.6	699.6	699.6	699.5
EUW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	314.8	317.7	315.8	315.7	315.4	315.1	315.4	315.4	315.5	315.5	315.6	315.6	315.6	315.6	315.5
EUE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	326.8	329.8	327.9	327.8	327.5	327.2	327.5	327.5	327.6	327.6	327.7	327.7	327.7	327.7	327.6
JPN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	350.0	353.0	351.1	351.0	350.7	350.4	350.7	350.7	350.8	350.8	350.9	350.9	350.9	350.9	350.8
KOR																						
CHN																						
THK																						
MAE																						
MAW																						
IDN																						
PHL																						
PNG																						
ICH																						
IND																						
MDE																						
SUW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	250.0	253.0	251.1	251.0	250.7	250.4	250.7	250.7	250.8	250.8	250.9	250.9	250.9	250.9	250.8
SUE																						
AFE																						
AFN																						
AFS																						
AFW																						
AUS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	350.7	353.7	351.8	351.7	351.4	351.1	351.4	351.4	351.5	351.5	351.6	351.6	351.6	351.6	351.5
NWZ																						
OCN																						
AVE	169.4	145.7	134.6	144.8	137.7	135.0	142.2	140.5	143.2	141.2	141.0	140.7	140.4	140.6	140.6	140.7	140.8	140.9	140.9	140.9	140.9	140.8
FWA	168.8	145.5	134.9	144.8	137.9	135.2	142.3	140.5	143.4	141.5	141.4	141.1	140.8	141.1	141.1	141.2	141.2	141.3	141.3	141.3	141.3	141.2

TRADE FLOWS, HISTORICAL DATA: 1987 CONIFEROUS PLYWOOD (mm cum)

X\M	USW	USS	USN	CAN	CAM	SWE	EUW	EUE	JPN	AUS	TOT
WSV	4.93	1.40	2.66				.21		.01	.01	9.22
ESV	.37	.09	.62								1.09
INV		.15	.48								.64
CAL	.02	.00	.00								.03
USS	.28		4.19		.05		.40				4.93
USN				.08							.08
CBC				1.58			.22		.04		1.84
BRA		.02			.04		.09				.15
FIN						.02	.19				.21
SWE							.03				.03
EUE							.10				.10
SUW							.09	.09			.18
NWZ										.02	.02
TOT	5.60	1.67	7.96	1.66	.09	.02	1.34	.09	.05	.02	18.51

TRADE FLOWS, FORECAST: 1993 CONIFEROUS PLYWOOD (mm cum)

X\M	USW	USS	USN	CAN	CAM	SWE	EUW	EUE	JPN	AUS	TOT
WSV	4.11	0.00	3.01				1.03		0.00	.04	8.20
ESV	.90	0.00	0.00								.90
INV		0.00	0.00								0.00
CAL	.03	0.00	0.00								.03
USS	0.00		4.40		0.00		0.00				4.40
USN				0.00							0.00
CBC				1.67			.17		.06		1.90
BRA		0.00			.09		.04				.13
FIN						.09	.10				.19
SWE							0.00				0.00
EUE							.10				.10
SUW							.20	.09			.29
NWZ										0.00	0.00
TOT	5.05	0.00	7.41	1.67	.09	.09	1.64	.09	.06	.04	16.14

TRADE FLOWS, FORECAST: 2000 CONIFEROUS PLYWOOD (mm cum)

X\M	USW	USS	USN	CAN	CAM	SWE	EUW	EUE	JPN	AUS	TOT
WSV	4.32	0.00	2.58				1.22		0.00	.08	8.19
ESV	1.00	0.00	0.00								1.00
INV		0.00	0.00								0.00
CAL	.03	0.00	0.00								.03
USS	0.00		4.49		0.00		0.00				4.49
USN				0.00							0.00
CBC				1.67			.17		.06		1.90
BRA		0.00			.10		.02				.12
FIN						.07	.14				.20
SWE							0.00				0.00
EUE							.10				.10
SUW							.26	.09			.35
NWZ										0.00	0.00
TOT	5.34	0.00	7.07	1.67	.10	.07	1.90	.09	.06	.08	16.37

BASE RUN (13 November 1989)

PRODUCTION, NONCONIFEROUS PLYWOOD (million cubic meters)

	HISTORY								FORECAST													
REG	1980	1981	1982	1983	1984	1985	1986	1987	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
WST	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
EST	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
INT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ASK	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CAL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
USS	.6	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.6	.6	.6	.7	.7	.7	.8	.8	.8	.9	.9
USN	.6	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.6	.6	.6	.7	.7	.7	.8	.8	.8	.9	.9
CBC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CIN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CEA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CAM	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
BRA	.5	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.7	.7	.7	.7	.7	.7	.8	.8	.8
SAN	.3	.3	.3	.2	.2	.2	.2	.2	.2	.2	.3	.3	.3	.3	.3	.3	.3	.3	.4	.4	.4	.4
CHI	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SAS	.1	.1	.1	.1	.2	.1	.1	.1	.1	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2
FIN	.5	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.5	.5	.5	.5	.5	.5	.5	.6	.6	.6	.6
SWE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
EUW	1.6	1.5	1.4	1.4	1.5	1.4	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
EUE	.6	.6	.6	.6	.6	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.6
JPN	8.0	7.1	6.7	7.3	7.1	6.7	6.8	7.4	7.8	7.8	7.7	7.7	7.7	7.6	7.6	7.6	7.6	7.5	7.5	7.5	7.5	7.4
KOR	1.6	1.6	1.4	1.5	1.3	1.2	1.1	1.2	1.2	1.2	1.2	1.1	1.1	1.0	1.0	.9	.9	.8	.7	.7	.6	.5
CHN	.1	.1	.1	.2	.2	.2	.2	.2	.2	.3	.3	.3	.3	.3	.4	.4	.4	.4	.4	.5	.5	.5
THK	1.3	1.4	1.3	1.3	1.0	.9	.9	.9	.9	.9	.9	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8
MAE	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
MAW	1.0	1.0	1.0	1.1	1.0	1.0	.9	1.1	1.3	1.3	1.5	1.4	1.4	1.4	1.3	1.3	1.3	1.2	1.2	1.1	1.1	1.1
IDN	1.0	1.6	2.5	3.1	3.6	4.6	5.3	6.8	6.4	6.9	6.8	6.9	6.9	6.9	7.0	7.2	7.4	7.6	7.9	8.1	8.4	8.7
PHL	.6	.5	.3	.4	.5	.5	.4	.5	.5	.5	.5	.4	.4	.4	.3	.3	.3	.3	.3	.3	.3	.3
PNG	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
ICH	.1	.2	.2	.3	.3	.2	.2	.2	.2	.3	.3	.3	.3	.3	.3	.4	.4	.4	.4	.4	.4	.4
IND	.2	.3	.3	.3	.4	.4	.4	.4	.4	.4	.4	.4	.4	.5	.5	.5	.5	.5	.5	.6	.6	.6
MDE	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2
SUW	1.2	1.3	1.2	1.3	1.3	1.3	1.4	1.4	1.4	1.4	1.4	1.5	1.5	1.5	1.5	1.6	1.6	1.6	1.7	1.7	1.7	1.8
SUE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AFE	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
AFN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AFS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AFW	.7	.8	.7	.8	.8	.8	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	1.0	1.0	1.0	1.0	1.0	1.0
AUS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NWZ	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
OCN	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT	21.0	20.8	20.7	22.3	22.3	22.5	23.3	25.7	25.9	26.9	26.9	27.0	27.0	27.1	27.2	27.5	27.8	28.1	28.4	28.7	29.0	29.4

BASE RUN (13 November 1989)

CONSUMPTION, NONCONIFEROUS PLYWOOD (million cubic meters)

	HISTORY								FORECAST													
REG	1980	1981	1982	1983	1984	1985	1986	1987	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
USW	.3	.3	.2	.3	.2	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3
USS	1.4	1.5	1.2	1.5	1.5	1.5	1.6	1.6	1.6	1.6	1.7	1.8	1.8	1.8	1.9	1.9	1.9	2.0	2.0	2.0	2.0	2.1
USN	.8	.8	.7	.9	.9	.9	.9	1.0	1.1	1.1	1.1	1.1	1.2	1.2	1.2	1.2	1.2	1.3	1.3	1.3	1.3	1.3
CAN	.0	.1	.0	.1	.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
CAM	.1	.2	.2	.2	.2	.1	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2
BRA	.5	.5	.5	.5	.4	.4	.4	.4	.4	.4	.4	.5	.5	.5	.5	.5	.5	.5	.6	.6	.6	.6
SAN	.3	.3	.3	.3	.3	.2	.2	.2	.2	.2	.3	.3	.3	.3	.3	.3	.3	.3	.4	.4	.4	.4
CHI	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SAS	.1	.1	.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
FIN	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
SWE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
EUW	2.8	2.8	2.6	2.7	2.7	2.7	2.9	2.9	2.9	3.0	3.0	3.0	3.1	3.1	3.1	3.2	3.2	3.3	3.3	3.3	3.4	3.4
EUE	.6	.6	.6	.5	.6	.6	.6	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5
JPN	8.0	7.0	6.7	7.2	7.1	7.0	7.4	9.1	9.1	9.8	9.1	8.9	8.5	8.2	8.0	7.9	7.9	7.9	7.9	7.9	7.9	7.9
KOR	.7	.5	.8	1.1	1.1	1.1	1.0	1.0	1.2	1.2	1.2	1.2	1.3	1.3	1.3	1.4	1.4	1.4	1.4	1.4	1.5	1.5
CHN	.1	.3	.6	.6	.8	1.0	1.2	1.7	1.7	1.8	1.8	1.8	1.8	1.8	1.9	1.9	1.9	1.9	1.9	2.0	2.0	2.0
THK	.7	.7	.6	.6	.8	.7	1.0	1.1	1.1	1.1	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
MAE	.0	.1	.1	.1	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
MAW	.3	.4	.3	.4	.4	.2	.2	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3
IDN	.8	.8	1.3	1.0	.8	1.0	.7	.8	.9	.9	1.0	1.1	1.1	1.1	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
PHL	.2	.1	.1	.1	.3	.3	.2	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3
PNG	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
ICH	.1	.2	.2	.2	.3	.2	.2	.2	.2	.3	.3	.3	.3	.3	.3	.4	.4	.4	.4	.4	.4	.4
IND	.2	.3	.3	.3	.4	.4	.4	.4	.4	.4	.4	.4	.4	.5	.5	.5	.5	.5	.5	.6	.6	.6
MDE	1.0	1.2	1.4	1.1	1.2	1.2	.9	.9	.9	1.0	1.0	1.1	1.2	1.2	1.3	1.3	1.4	1.5	1.5	1.6	1.6	1.7
SUW	1.2	1.2	1.1	1.2	1.2	1.2	1.2	1.2	1.2	1.1	1.2	1.2	1.2	1.2	1.3	1.3	1.3	1.3	1.3	1.4	1.4	1.4
SUE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AFE	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
AFN	.2	.3	.2	.4	.4	.4	.4	.4	.4	.4	.5	.5	.5	.5	.5	.6	.6	.6	.6	.6	.7	.7
AFS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AFW	.6	.6	.6	.6	.5	.6	.6	.6	.6	.6	.6	.6	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7
AUS	.0	.0	.1	.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2
NWZ	.0	.0	.0	.0	.0	.0	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
OCN	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1
TOT	21.1	21.0	20.9	22.3	22.4	22.5	23.1	25.6	25.9	26.9	26.9	27.0	27.0	27.1	27.2	27.5	27.8	28.1	28.4	28.7	29.0	29.4

BASE RUN (13 November 1989)

EXPORTS, NONCONIFEROUS PLYWOOD (million cubic meters)

	HISTORY								FORECAST													
REG	1980	1981	1982	1983	1984	1985	1986	1987	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
WST	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
EST	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
INT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ASK	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CAL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
USS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
USN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CBC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CIN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CEA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CAM	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
BRA	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2
SAN	.1	.1	.1	.0	.0	.0	.0	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CHI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SAS	.1	.0	.1	.1	.1	.1	.0	.1	.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
FIN	.4	.4	.4	.3	.3	.3	.3	.3	.3	.3	.3	.4	.4	.4	.4	.4	.4	.4	.5	.5	.5	.5
SWE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
EUW	.5	.5	.5	.6	.6	.5	.6	.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
EUE	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
JPN	.1	.1	.1	.1	.1	.1	.1	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
KOR	.9	1.1	.6	.3	.2	.1	.2	.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CHN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
THK	.9	1.0	.8	.9	.6	.6	.5	.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAE	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.0
MAW	.9	1.0	1.0	1.1	.9	.9	.9	1.3	1.0	1.1	1.2	1.1	1.1	1.1	1.0	1.0	1.0	.9	.9	.9	.8	.8
IDN	.2	.8	1.2	2.1	2.8	3.6	4.6	6.0	5.5	6.0	5.8	5.8	5.8	5.8	5.8	6.0	6.2	6.4	6.7	6.9	7.2	7.4
PHL	.3	.4	.3	.3	.2	.3	.3	.3	.2	.3	.2	.2	.1	.1	.1	.1	.0	.0	.0	0.0	0.0	0.0
PNG	.0	.0	.0	.0	.0	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ICH	.0	.0	.0	.0	.0	.0	.0	.1	.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IND	.0	.0	.0	.0	.0	.0	.0	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MDE	.0	.0	.0	.0	.0	.0	.0	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUW	.2	.2	.2	.2	.2	.2	.2	.2	.2	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.4
SUE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AFE	.0	.0	.0	.0	.0	.0	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AFN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AFS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AFW	.3	.3	.2	.3	.3	.3	.3	.3	.2	.2	.2	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3
AUS	.0	.0	.0	.0	.0	.0	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NWZ	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
OCN	0.0	0.0	.0	0.0	.0	.0	.0	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOT	5.2	5.9	5.7	6.5	6.6	7.2	8.3	10.2	8.0	8.6	8.4	8.4	8.3	8.3	8.3	8.4	8.6	8.8	9.0	9.2	9.5	9.7

BASE RUN (13 November 1989)

IMPORTS, NONCONIFEROUS PLYWOOD (million cubic meters)

	HISTORY								FORECAST													
REG	1980	1981	1982	1983	1984	1985	1986	1987	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
USW	.3	.3	.2	.3	.2	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3
USS	.8	1.0	.7	1.0	.9	1.1	1.2	1.1	1.2	1.1	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
USN	.2	.3	.2	.4	.4	.4	.5	.6	.6	.6	.6	.6	.6	.6	.5	.5	.5	.5	.5	.5	.5	.4
CAN	.0	.1	.0	.1	.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
CAM	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
BRA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SAN	.0	.1	.1	.1	.0	.0	.0	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CHI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SAS	.0	.0	.0	.0	.0	.0	.0	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
FIN	.0	.0	.0	.0	.0	.0	.0	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SWE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
EUW	1.7	1.7	1.6	1.8	1.8	1.8	2.0	2.0	1.4	1.5	1.5	1.5	1.6	1.6	1.6	1.7	1.7	1.8	1.8	1.8	1.9	1.9
EUE	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
JPN	.1	.0	.0	.0	.1	.3	.7	1.7	1.3	1.9	1.4	1.2	.8	.6	.3	.3	.3	.4	.4	.4	.4	.4
KOR	.0	.0	.0	.0	.0	.0	.0	.0	0.0	0.0	.0	.1	.2	.3	.4	.4	.5	.6	.7	.8	.9	1.0
CHN	0.0	.2	.5	.5	.6	.8	1.0	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
THK	.2	.3	.2	.2	.3	.4	.6	.8	.3	.2	.3	.3	.3	.4	.4	.4	.4	.4	.4	.4	.4	.4
MAE	.0	.0	.0	.0	.0	.0	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAW	.3	.3	.3	.4	.3	.2	.2	.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IDN	.0	.0	.0	.0	.0	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PHL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PNG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ICH	.0	.0	.0	.0	.0	.0	.0	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IND	.0	.0	.0	.0	.0	.0	.0	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MDE	.8	1.1	1.2	.9	1.0	1.1	.7	.7	.7	.8	.8	.9	1.0	1.0	1.1	1.1	1.2	1.3	1.3	1.4	1.4	1.5
SUW	.1	.1	.1	.1	.1	.1	.1	.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AFE	.0	.0	.0	.0	.0	.0	.0	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AFN	.2	.3	.2	.4	.4	.4	.4	.4	.4	.4	.5	.5	.5	.5	.5	.6	.6	.6	.6	.6	.7	.7
AFS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AFW	.1	.1	.1	.1	.0	.0	.0	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AUS	.1	.0	.1	.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2
NWZ	.0	.0	.0	.0	.0	.0	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
OCN	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT	5.2	6.1	5.8	6.5	6.6	7.2	8.1	10.1	8.0	8.6	8.4	8.4	8.3	8.3	8.3	8.4	8.6	8.8	9.0	9.2	9.5	9.7

BASE RUN (13 November 1989)

PRICES, NONCONIFEROUS PLYWOOD (1980 USD/cubic meter)

	HISTORY								FORECAST													
REG	1980	1981	1982	1983	1984	1985	1986	1987	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
WSV																						
WSB																						
ESV																						
ESB																						
INV	0.0	0.0	0.0	0.0	0.0	0.0	0.0	350.7	338.1	348.3	331.9	331.2	330.0	330.6	331.6	335.4	338.5	341.2	343.8	346.1	348.3	350.6
INB																						
ASK																						
CAL																						
USS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	288.7	276.1	286.3	269.9	269.2	268.0	268.6	269.6	273.4	276.5	279.2	281.8	284.1	286.3	288.6
USN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	301.3	288.7	298.9	282.5	281.8	280.6	281.2	282.2	286.0	289.1	291.8	294.4	296.7	298.9	301.2
CBC																						
CIN																						
CEA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	310.0	297.4	307.6	291.2	290.5	289.3	289.9	290.9	294.7	297.8	300.5	303.1	305.4	307.6	309.9
CAM	0.0	0.0	0.0	0.0	0.0	0.0	0.0	359.7	347.1	357.3	340.9	340.2	339.0	339.6	340.6	344.4	347.5	350.2	352.8	355.1	357.3	359.6
BRA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	281.5	268.9	279.1	262.7	262.0	260.8	261.4	262.4	266.2	269.3	272.0	274.6	276.9	279.1	281.4
SAN																						
CHI																						
SAS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	717.6	705.1	715.3	698.9	698.2	697.0	697.6	698.6	702.4	705.5	708.2	710.8	713.1	715.3	717.6
FIN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	650.2	637.5	647.7	631.3	630.6	629.4	630.0	631.0	634.8	637.9	640.6	643.2	645.5	647.7	650.0
SWE																						
EUW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	314.8	302.1	312.3	295.9	295.2	294.0	294.6	295.6	299.4	302.5	305.2	307.8	310.1	312.3	314.6
EUE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	326.8	314.2	324.4	308.0	307.3	306.1	306.7	307.7	311.5	314.6	317.3	319.9	322.2	324.4	326.7
JPN	738.8	581.7	550.0	532.2	501.6	492.8	653.5	950.8	938.2	948.4	932.0	931.3	930.1	930.7	931.7	935.5	938.6	941.3	943.9	946.2	948.4	950.7
KOR	369.7	333.5	279.4	280.0	273.4	272.9	266.6	286.6	258.6	265.3	267.8	267.1	265.9	266.6	267.5	271.3	274.4	277.1	279.7	282.0	284.2	286.5
CHN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	264.4	251.8	262.0	245.6	244.9	243.7	244.3	245.3	249.1	252.2	254.9	257.5	259.8	262.0	264.3
THK	422.1	372.6	355.4	365.2	388.4	405.6	532.6	541.7	529.4	539.6	523.2	522.5	521.3	522.0	522.9	526.7	529.8	532.5	535.1	537.4	539.6	541.9
MAE	341.7	339.5	319.9	286.1	269.4	210.2	263.5	286.8	274.3	284.5	268.1	267.4	266.2	266.8	267.8	271.6	274.7	277.4	280.0	282.3	284.5	286.8
MAW	314.7	273.5	243.0	230.2	215.6	202.6	216.6	299.1	286.5	296.7	280.3	279.6	278.4	279.0	280.0	283.8	286.9	289.6	292.2	294.5	296.7	299.0
IDN	227.5	183.5	222.1	229.2	187.7	185.3	215.0	218.2	205.6	215.8	199.4	198.7	197.5	198.1	199.1	202.9	206.0	208.7	211.3	213.6	215.8	218.1
PHL	322.5	271.4	236.6	219.1	198.4	183.1	209.9	251.1	238.5	248.7	232.3	231.6	230.4	231.0	232.0	235.8	238.9	241.6	244.2	251.9	259.7	266.9
PNG																						
ICH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	298.6	286.0	296.2	279.8	279.1	277.9	278.6	279.5	283.3	286.4	289.1	291.7	294.0	296.2	298.5
IND																						
MDE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	278.8	266.2	276.4	260.0	259.3	258.1	258.7	259.7	263.5	266.6	269.3	271.9	274.2	276.4	278.7
SUW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	250.0	237.4	247.6	231.2	230.5	229.3	229.9	230.9	234.7	237.8	240.5	243.1	245.4	247.6	249.9
SUE																						
AFE																						
AFN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	467.6	455.0	465.2	448.8	448.1	446.9	447.5	448.5	452.3	455.4	458.1	460.7	463.0	465.2	467.5
AFS																						
AFW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	404.7	392.0	402.2	385.8	385.1	383.9	384.5	385.5	389.3	392.4	395.1	397.7	400.0	402.2	404.5
AUS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	350.7	338.1	348.3	331.9	331.2	330.0	330.6	331.6	335.4	338.5	341.2	343.8	346.1	348.3	350.6
NWZ																						
OCN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	373.2	360.6	370.8	354.4	353.7	352.5	353.1	354.1	357.9	361.0	363.7	366.3	368.6	370.8	373.1
AVE	576.0	446.7	409.2	395.4	364.7	344.3	428.7	545.7	547.9	546.8	531.4	530.1	529.6	530.3	531.7	532.9	533.3	533.1	532.5	531.4	530.4	529.5
FWA	465.2	375.4	369.4	363.8	334.7	329.3	414.4	545.7	532.1	542.1	526.9	526.2	525.0	525.7	526.6	530.4	533.5	536.2	538.8	541.3	543.6	546.1

TRADE FLOWS, HISTORICAL DATA: 1987 NONCONIFEROUS PLYWOOD (mm cum)

X\M	USW	USS	USN	CAN	CAM	SAN	SWE	EUW	EUE	JPN	KOR	CHN	THK	MAW	MDE	AFN	AUS	OCN	TOT
BRA		.06				.02													.08
SAS		.05	.00																.05
FIN							.05	.25											.29
EUE								.10											.10
THK	.04	.15	.07					.25		.07					.04	.03			.66
MAE											.00	.10							.10
MAW	.01	.01	.01					.42		.09	.05	.06			.20	.19			1.05
IDN	.02	.82	.39	.09	.03			.53		1.65	.01	1.16	.66	.30	.27	.07	.05	.02	6.07
PHL	.01	.07	.03	.00	.05					.00			.09						.25
ICH										.00	.00	.00							.01
SUW								.09	.09										.18
AFW								.20											.20
TOT	.08	1.16	.51	.09	.08	.02	.05	1.84	.09	1.82	.06	1.33	.75	.30	.51	.29	.05	.02	9.04

TRADE FLOWS, FORECAST: 1993 NONCONIFEROUS PLYWOOD (mm cum)

X\M	USW	USS	USN	CAN	CAM	SAN	SWE	EUW	EUE	JPN	KOR	CHN	THK	MAW	MDE	AFN	AUS	OCN	TOT
BRA		.17				0.00													.17
SAS		0.00	.05																.05
FIN							0.00	.40											.40
EUE								.10											.10
THK	0.00	0.00	0.00					0.00		0.00					0.00	0.00			0.00
MAE											0.00	.07							.07
MAW	.25	.04	0.00					0.00		.34	.39	0.00			0.00	0.00			1.03
IDN	0.00	1.00	.50	.11	.01			.68		0.00	0.00	1.43	.38	0.00	1.08	.54	.10	.02	5.84
PHL	0.00	0.00	0.00	0.00	.08					0.00			0.00						.08
ICH										0.00	0.00	0.00							0.00
SUW								.20	.09										.29
AFW								.26											.26
TOT	.25	1.21	.55	.11	.09	0.00	0.00	1.64	.09	.34	.39	1.50	.38	0.00	1.08	.54	.10	.02	8.29

TRADE FLOWS, FORECAST: 2000 NONCONIFEROUS PLYWOOD (mm cum)

X\M	USW	USS	USN	CAN	CAM	SAN	SWE	EUW	EUE	JPN	KOR	CHN	THK	MAW	MDE	AFN	AUS	OCN	TOT
BRA		.20				0.00													.20
SAS		0.00	.05																.05
FIN							0.00	.50											.50
EUE								.10											.10
THK	0.00	0.00	0.00					0.00		0.00					0.00	0.00			0.00
MAE											0.00	.05							.05
MAW	.25	0.00	0.00					0.00		.43	.10	0.00			0.00	0.00			.77
IDN	0.00	.97	.39	.11	.10			.77		0.00	.88	1.45	.39	0.00	1.50	.69	.15	.03	7.43
PHL	0.00	0.00	0.00	0.00	0.00					0.00			0.00						0.00
ICH										0.00	0.00	0.00							0.00
SUW								.26	.09										.35
AFW								.27											.27
TOT	.25	1.17	.44	.11	.10	0.00	0.00	1.90	.09	.43	.98	1.50	.39	0.00	1.50	.69	.15	.03	9.73

BASE RUN (13 November 1989)

PRODUCTION, PULP (million metric tons)

	HISTORY								FORECAST													
REG	1980	1981	1982	1983	1984	1985	1986	1987	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
WST	5.6	5.3	5.1	5.4	5.9	6.0	6.2	6.4	6.4	6.5	6.6	6.8	6.9	7.0	7.1	7.2	7.3	7.4	7.5	7.6	7.7	7.8
EST	.4	.4	.4	.4	.4	.4	.4	.5	.5	.5	.5	.6	.8	.8	.8	.8	.8	.9	.9	.9	.9	.9
INT	2.1	2.1	1.8	2.0	2.0	2.0	2.3	2.3	2.3	2.4	2.4	2.5	2.5	2.6	2.6	2.7	2.8	2.8	2.9	3.0	3.0	3.1
ASK	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CAL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
USS	31.8	32.4	31.0	33.1	35.1	35.6	37.5	38.7	38.7	39.8	40.6	41.7	43.4	44.6	45.6	46.6	47.7	48.8	49.8	50.9	51.9	53.0
USN	8.1	7.7	8.0	8.0	8.5	8.4	8.6	8.6	8.6	8.9	9.4	10.2	10.4	10.6	10.8	11.1	11.3	11.6	11.8	12.1	12.3	12.6
CBC	3.9	3.3	3.1	3.7	3.4	4.0	4.2	4.4	4.4	4.5	4.6	4.7	4.9	5.0	5.2	5.3	5.4	5.5	5.6	5.8	5.9	6.0
CIN	2.8	2.6	2.6	3.0	2.9	3.0	3.3	3.5	3.5	3.6	3.8	4.3	5.1	5.8	6.4	6.5	6.7	6.8	7.0	7.1	7.3	7.4
CEA	13.9	14.6	12.8	13.6	14.1	13.2	14.0	15.0	15.0	15.5	15.6	15.8	15.8	15.8	15.9	16.2	16.6	17.0	17.3	17.7	18.1	18.4
CAM	.5	.5	.5	.5	.5	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.7	.7	.7	.7	.7	.7	.8
BRA	2.9	2.8	2.9	3.1	3.4	3.4	3.6	3.7	3.7	4.1	4.2	4.4	5.1	6.2	7.1	7.3	7.5	7.6	7.8	8.0	8.1	8.3
SAN	.1	.1	.1	.1	.1	.1	.2	.2	.2	.3	.3	.3	.3	.6	.6	.6	.6	.6	.7	.7	.7	.7
CHI	.8	.7	.7	.8	.8	.8	.8	.9	.9	.9	.9	1.1	1.2	1.8	1.8	1.8	1.8	1.9	1.9	2.0	2.0	2.0
SAS	.3	.3	.4	.6	.6	.6	.6	.6	.6	.6	.6	.7	.8	.8	.8	.9	.9	.9	.9	.9	.9	1.0
FIN	7.2	7.3	6.7	7.2	8.0	8.0	7.9	8.5	8.5	9.0	9.2	9.4	9.4	9.5	10.1	10.3	10.5	10.8	11.0	11.2	11.5	11.7
SWE	8.7	8.7	7.9	8.9	9.5	9.4	9.4	10.0	10.0	10.3	10.5	10.6	10.7	10.7	10.7	11.0	11.2	11.5	11.7	12.0	12.2	12.5
EUW	10.8	10.9	10.8	11.2	12.0	12.1	12.6	13.2	13.2	14.2	14.6	14.6	14.7	14.7	15.2	15.6	15.9	16.3	16.6	17.0	17.4	17.7
EUE	3.4	3.3	3.5	3.8	3.9	3.8	3.8	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.8	3.9	4.0	4.1	4.2	4.3
JPN	9.8	8.6	8.6	8.9	9.1	9.3	9.2	9.7	9.7	10.0	10.2	10.4	10.7	10.9	11.1	11.4	11.6	11.9	12.1	12.3	12.6	12.8
KOR	.2	.2	.2	.2	.3	.3	.3	.3	.3	.3	.3	.3	.4	.4	.4	.4	.4	.4	.5	.5	.5	.5
CHN	1.2	1.2	1.2	1.2	1.3	1.4	1.4	1.4	1.4	1.4	1.5	1.5	1.6	1.6	1.9	2.0	2.0	2.1	2.1	2.1	2.2	2.2
THK	.2	.3	.2	.2	.2	.3	.3	.3	.3	.3	.4	.4	.4	.4	.4	.4	.4	.5	.5	.5	.5	.5
MAE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAW	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
IDN	.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	.4	.4	.4	.4	.4	.4	.4	.4	.4	.5	.5	.5
PHL	.1	.1	.1	.1	.2	.2	.2	.2	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
PNG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ICH	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
IND	.5	.5	.6	.8	.8	.9	.9	1.0	1.0	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.3	1.3	1.3	1.3	1.4	1.4
MDE	.3	.3	.3	.3	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.5	.5	.5	.5	.5	.5
SUW	8.0	8.2	8.4	9.0	9.3	9.5	9.6	9.6	9.6	9.1	9.2	9.4	9.6	9.8	10.0	10.2	10.5	10.7	10.9	11.2	11.4	11.6
SUE	.8	.8	.8	.8	.8	.9	.7	.8	.8	1.0	1.0	1.0	1.1	1.1	1.1	1.1	1.2	1.2	1.2	1.2	1.3	1.3
AFE	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2
AFN	.1	.1	.1	.1	.1	.0	.1	.1	.1	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2
AFS	1.2	1.3	1.3	1.3	1.2	1.4	1.5	1.5	1.5	1.6	1.6	1.7	1.7	1.7	1.8	1.8	1.8	1.9	1.9	2.0	2.0	2.0
AFW	.1	.1	0.0	0.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
AUS	.7	.7	.8	.8	.8	.9	.9	.9	.9	1.1	1.1	1.1	1.3	1.6	1.6	1.6	1.7	1.7	1.7	1.8	1.8	1.8
NWZ	1.1	1.2	1.1	1.0	1.1	1.1	1.1	1.1	1.1	1.2	1.3	1.4	1.5	1.7	1.7	1.8	1.8	1.8	1.9	1.9	2.0	2.0
OCN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOT	127.9	126.9	122.1	130.1	137.0	138.2	142.9	148.3	148.3	154.0	157.9	162.2	167.2	172.8	177.8	181.9	185.9	190.0	194.0	198.1	202.2	206.2

BASE RUN (13 November 1989)

PRODUCTION, RECONSTITUTED PANELS (million cubic meters)

	HISTORY								FORECAST													
REG	1980	1981	1982	1983	1984	1985	1986	1987	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
WST	1.7	1.6	1.4	1.7	1.9	2.0	2.2	2.2	2.2	2.3	2.5	2.6	2.7	2.9	3.0	3.2	3.3	3.4	3.6	3.7	3.9	4.0
EST	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
INT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ASK	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CAL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
USS	6.8	6.6	5.6	6.8	7.5	8.2	8.7	8.7	8.7	9.1	9.4	9.7	10.0	10.4	10.7	11.0	11.4	11.7	12.0	12.3	12.7	13.0
USN	2.8	2.8	2.3	2.8	3.1	3.4	3.6	3.6	3.6	3.9	4.2	4.4	4.7	4.9	5.2	5.4	5.7	6.0	6.2	6.5	6.7	7.0
CBC	.4	.4	.3	.5	.5	.6	.7	.8	.8	.8	.9	.9	1.0	1.0	1.1	1.1	1.1	1.2	1.2	1.3	1.3	1.4
CIN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CEA	1.6	1.7	1.3	1.8	2.2	2.5	2.6	3.0	3.0	3.2	3.4	3.6	3.8	4.0	4.2	4.4	4.6	4.8	5.0	5.2	5.4	5.6
CAM	.4	.4	.5	.5	.6	.6	.6	.7	.7	.7	.7	.7	.7	.7	.8	.8	.8	.8	.8	.8	.8	.8
BRA	1.4	1.4	1.3	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.6
SAN	.2	.2	.2	.2	.2	.2	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3
CHI	.1	.1	.1	.1	.2	.2	.2	.2	.2	.3	.3	.3	.3	.4	.4	.4	.5	.5	.6	.6	.6	.6
SAS	.4	.3	.3	.3	.3	.3	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.5	.5	.5
FIN	1.1	.9	.9	.8	.8	.7	.7	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8
SWE	1.8	1.6	1.4	1.4	1.4	1.3	1.2	1.3	1.3	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.1	1.1	1.1
EUW	19.8	18.9	17.7	18.1	18.3	18.8	19.5	20.5	20.5	20.9	21.2	21.5	21.9	22.2	22.6	22.9	23.3	23.6	24.0	24.3	24.7	25.0
EUE	5.7	5.4	5.8	6.0	6.2	6.1	6.5	6.3	6.3	6.3	6.4	6.4	6.4	6.5	6.5	6.6	6.6	6.6	6.7	6.7	6.8	6.8
JPN	2.0	1.7	1.6	1.6	1.5	1.6	1.7	1.8	1.8	1.8	1.9	2.0	2.0	2.1	2.1	2.2	2.2	2.3	2.3	2.4	2.4	2.5
KOR	.1	.1	.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
CHN	.7	.7	.9	.9	1.0	1.2	1.3	1.6	1.6	1.6	1.7	1.7	1.7	1.7	1.7	1.7	1.8	1.8	1.8	1.8	1.8	1.9
THK	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
IDN	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
PHL	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
PNG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ICH	.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
IND	.1	.1	.1	.1	.1	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2
MDE	.5	.5	.5	.5	.7	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8	.9	.9	.9	.9	.9
SUW	8.1	8.5	8.6	9.0	9.6	9.9	10.8	11.2	11.2	11.5	11.8	12.1	12.4	12.7	12.9	13.2	13.5	13.8	14.1	14.4	14.7	15.0
SUE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AFE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AFN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AFS	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3
AFW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AUS	.7	.7	.8	.6	.7	.8	.8	.8	.8	.8	.9	.9	.9	1.0	1.0	1.0	1.1	1.1	1.1	1.1	1.2	1.2
NWZ	.3	.3	.3	.3	.3	.3	.3	.4	.4	.4	.5	.5	.5	.5	.6	.6	.6	.6	.6	.7	.7	.7
OCN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOT	57.0	55.5	52.4	56.2	59.1	61.7	65.1	67.5	67.5	69.3	71.2	73.0	74.8	76.6	78.5	80.3	82.1	84.0	85.8	87.6	89.4	91.3

APPENDIX B: HIGH DEMAND IN JAPAN AND CHINA

TABLE OF CONTENTS

HIGH DEMAND IN JAPAN AND CHINA (13 November 1989)

PRODUCTION, CONIFEROUS SAWLOGS (million cubic meters)

	HISTORY								FORECAST													
REG	1980	1981	1982	1983	1984	1985	1986	1987	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
WSV	35.6	33.1	35.2	38.9	36.4	35.0	38.3	43.4	42.3	42.9	43.0	42.4	42.0	42.7	42.4	41.8	41.0	40.2	39.3	38.6	37.7	36.9
WSB	14.3	11.5	9.5	16.5	19.4	20.3	22.6	23.3	22.3	19.2	18.2	18.7	19.3	19.4	18.7	17.8	17.1	16.7	16.6	16.7	16.7	16.7
ESV	5.3	5.5	5.6	5.0	4.7	4.4	4.9	6.2	6.1	7.1	7.3	7.3	7.2	7.2	7.1	7.0	7.0	7.0	6.9	7.0	7.0	7.0
ESB	5.5	5.1	4.3	7.4	8.3	8.6	9.4	9.5	9.9	7.3	6.7	6.5	6.5	6.6	6.7	6.9	7.0	7.1	7.2	7.2	7.3	7.3
INV	11.1	10.9	11.2	9.7	12.0	11.2	13.2	15.6	14.7	18.1	19.5	20.0	19.8	19.5	19.3	19.2	19.3	19.5	19.7	20.1	20.4	20.8
INB	14.3	12.7	9.9	17.6	16.6	18.2	19.9	20.1	20.0	16.1	14.8	14.3	14.6	15.4	16.1	16.8	17.3	17.7	17.9	18.1	18.2	18.3
ASK	2.0	1.7	2.0	2.0	1.7	1.9	2.3	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	3.0	3.0	3.0	3.0	3.0
CAL	6.7	6.1	5.3	6.4	6.7	7.0	8.0	8.6	8.5	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6
USS	54.9	57.8	59.3	68.9	71.2	71.9	77.7	81.5	83.8	86.3	88.6	90.3	91.6	92.7	93.3	93.7	93.9	93.9	93.7	93.4	93.1	92.6
USN	11.8	8.3	8.2	8.1	9.8	9.9	10.5	10.9	11.0	11.3	11.6	11.9	12.2	12.5	12.8	13.1	13.4	13.7	14.0	14.3	14.6	14.9
CBC	21.7	16.1	15.5	20.7	20.6	19.9	18.8	23.6	23.4	22.7	22.6	22.5	22.4	22.4	22.3	22.3	22.2	22.2	22.1	22.1	22.2	22.3
CIN	42.0	38.2	38.2	44.3	46.2	50.0	48.6	56.6	58.1	57.9	58.1	58.3	58.6	58.6	58.6	58.7	58.8	58.9	59.1	59.2	59.4	59.7
CEA	29.8	25.1	22.9	29.3	27.2	29.8	35.0	35.9	36.7	36.5	36.9	37.1	37.2	37.5	37.8	38.1	38.4	38.8	39.1	39.5	39.8	40.2
CAM	4.9	5.1	5.2	4.9	5.1	5.6	5.1	5.4	5.4	5.6	5.6	5.7	5.7	5.7	5.8	5.8	5.8	5.9	5.9	6.0	6.0	6.0
BRA	19.9	19.6	20.3	21.2	22.0	22.0	21.3	21.3	21.3	21.6	22.0	22.4	22.8	23.2	23.6	24.0	24.4	24.8	25.2	25.6	26.0	26.3
SAN	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
CHI	4.9	3.4	3.0	4.0	4.5	5.2	4.7	6.2	6.0	6.4	7.3	8.2	8.3	6.9	7.4	8.2	9.1	10.0	10.9	11.4	12.0	12.5
SAS	.3	.4	.6	.7	.4	.4	.4	.4	.4	.4	.4	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5
FIN	23.5	19.4	16.4	18.1	18.9	17.7	16.4	16.2	16.3	17.2	17.5	17.7	17.9	18.1	18.4	18.7	19.0	19.2	19.5	19.8	20.0	20.3
SWE	20.6	19.2	20.3	23.1	23.8	22.2	22.1	21.9	21.0	21.0	20.9	20.7	20.5	20.4	20.2	20.0	19.8	19.5	19.3	19.1	18.8	18.6
EUW	54.4	53.5	53.2	54.5	56.5	55.4	56.3	57.0	56.8	59.0	60.6	61.4	62.1	63.0	63.8	64.7	65.5	66.4	67.2	68.0	68.7	69.5
EUE	25.0	25.0	25.0	26.6	25.4	24.7	23.9	23.8	23.8	23.9	24.0	24.1	24.2	24.3	24.4	24.5	24.6	24.7	24.9	25.0	25.1	25.2
JPN	17.8	16.8	17.3	16.8	16.4	16.4	16.2	16.6	16.6	17.0	17.4	17.7	18.1	18.5	18.8	19.1	19.4	19.7	20.0	20.2	20.5	20.7
KOR	.5	.8	.8	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7
CHN	29.0	26.0	26.5	27.4	32.0	32.7	33.1	33.1	33.1	33.6	34.1	34.7	35.2	35.7	36.3	36.8	37.3	37.9	38.4	38.9	39.5	40.0
THK	.4	.3	.3	.4	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3
MAE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IDN	.6	.3	.3	.4	.4	.3	.4	.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PHL	.1	.1	.1	.1	.1	.1	.0	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PNG	.1	.1	.1	.1	.1	.1	.1	.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ICH	.2	.2	.2	.2	.2	.2	.2	.2	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3
IND	3.1	3.4	3.7	4.0	4.4	4.8	4.8	4.8	4.8	5.3	5.5	5.8	6.0	6.2	6.4	6.7	6.9	7.1	7.3	7.6	7.8	8.0
MDE	10.2	10.2	10.2	9.4	9.4	9.3	9.3	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1
SUW	133.6	133.1	132.3	131.3	130.1	132.9	137.1	136.1	136.1	134.7	133.5	132.4	131.3	130.1	129.0	127.9	126.9	125.8	124.8	123.8	122.7	121.7
SUE	44.7	44.6	44.3	45.8	45.4	46.8	50.8	50.8	50.8	51.3	51.7	52.2	52.7	53.2	53.7	54.3	54.8	55.3	55.8	56.4	56.9	57.4
AFE	.9	.9	.9	.8	.9	.8	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.8
AFN	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
AFS	4.1	4.1	4.0	3.7	3.9	3.9	3.9	3.5	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6
AFW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AUS	2.7	2.9	2.8	2.5	2.8	3.4	3.5	3.5	3.5	3.6	3.7	3.8	4.0	4.1	4.2	4.3	4.4	4.5	4.6	4.7	4.8	4.9
NWZ	5.7	5.7	5.5	5.2	5.2	5.4	5.8	5.1	4.5	5.2	5.1	5.3	5.5	5.4	5.8	6.2	6.6	6.9	7.2	7.5	8.2	8.9
OCN	.1	.0	.0	.0	.0	.1	.0	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2
TOT	662.5	627.1	620.8	676.9	689.8	699.5	726.6	755.7	755.3	757.8	763.6	768.5	773.0	776.7	780.3	783.8	787.2	790.6	794.0	797.3	800.8	804.2

HIGH DEMAND IN JAPAN AND CHINA (13 November 1989)

CONSUMPTION, CONIFEROUS SAWLOGS (million cubic meters)

	HISTORY								FORECAST													
REG	1980	1981	1982	1983	1984	1985	1986	1987	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
WST	36.9	34.8	32.1	42.8	42.2	40.5	47.1	51.1	48.2	45.9	44.7	43.8	43.0	41.1	39.9	38.7	37.7	36.7	36.0	35.3	34.8	34.3
EST	10.8	10.6	9.9	12.4	12.9	13.0	14.3	15.7	16.0	14.4	14.0	13.8	13.8	13.8	13.8	13.9	14.0	14.0	14.1	14.2	14.3	14.3
INT	25.4	23.6	21.1	27.3	28.6	29.5	33.1	35.7	34.7	34.2	34.3	34.3	34.4	34.9	35.4	36.0	36.5	37.1	37.7	38.2	38.7	39.1
ASK	1.2	.9	.8	.6	.6	.4	.6	.6	.6	.7	.7	.7	.7	.8	.8	.8	.9	.9	.9	.9	1.0	1.0
CAL	6.5	6.0	5.2	6.2	6.5	6.7	7.8	8.4	8.4	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5
USS	54.9	57.8	59.3	68.9	71.2	71.9	77.7	81.5	83.8	86.3	88.6	90.3	91.6	92.7	93.3	93.7	93.9	93.9	93.7	93.4	93.1	92.6
USN	10.2	7.1	6.6	7.9	7.8	7.9	8.6	9.3	9.5	9.6	9.9	10.2	10.4	10.6	10.9	11.1	11.4	11.6	11.9	12.1	12.4	12.6
CBC	20.6	15.2	14.3	18.4	17.2	17.5	16.4	20.5	20.2	20.0	20.0	20.0	20.0	20.1	20.2	20.2	20.3	20.3	20.4	20.5	20.6	20.7
CIN	42.0	38.2	38.2	44.3	46.2	50.0	48.6	56.6	58.1	57.9	58.1	58.3	58.6	58.6	58.6	58.7	58.8	58.9	59.1	59.2	59.4	59.7
CEA	31.2	26.1	24.3	30.8	28.9	31.6	36.7	37.4	38.3	38.1	38.6	38.8	39.1	39.4	39.8	40.1	40.5	40.9	41.3	41.7	42.1	42.5
CAM	5.0	5.1	5.3	4.9	5.2	5.6	5.1	5.4	5.6	5.6	5.7	5.7	5.8	5.8	5.8	5.9	5.9	6.0	6.0	6.1	6.1	6.1
BRA	19.9	19.6	20.3	21.2	22.0	22.0	21.3	21.3	21.3	21.6	22.0	22.4	22.8	23.2	23.6	24.0	24.4	24.8	25.2	25.6	26.0	26.3
SAN	.1	.2	.2	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	.2	.2	.2	.2	.2	.2
CHI	3.9	3.1	2.1	3.0	3.6	4.0	3.7	4.9	3.4	3.4	3.5	3.6	3.6	3.7	3.8	3.9	4.0	4.1	4.1	4.2	4.3	4.4
SAS	.3	.4	.6	.7	.4	.4	.4	.4	.4	.4	.4	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5
FIN	23.5	19.1	16.6	18.2	19.1	17.9	16.6	16.4	17.0	17.0	17.3	17.5	17.6	17.8	18.0	18.3	18.5	18.7	18.9	19.2	19.4	19.6
SWE	21.0	19.4	20.6	23.3	24.0	22.5	22.6	22.6	21.2	21.2	21.1	20.9	20.7	20.6	20.4	20.2	19.9	19.7	19.5	19.2	19.0	18.7
EUW	56.2	55.2	54.8	56.1	57.7	56.4	57.2	57.9	60.0	60.4	61.2	61.9	62.7	63.5	64.3	65.2	66.0	66.8	67.6	68.4	69.1	69.9
EUE	25.1	25.3	24.6	26.9	25.6	24.7	24.0	23.8	23.8	24.0	24.2	24.4	24.6	24.7	24.9	25.1	25.3	25.5	25.7	25.9	26.1	26.2
JPN	37.8	32.0	33.6	33.3	32.2	33.1	34.0	37.1	39.1	41.2	42.1	42.8	43.3	43.4	43.5	43.6	43.6	43.5	43.5	43.5	43.5	43.4
KOR	2.1	1.9	2.3	2.8	2.7	2.9	3.1	3.5	3.1	3.2	3.2	3.3	3.4	3.4	3.5	3.5	3.6	3.7	3.8	3.9	4.0	4.1
CHN	29.6	27.0	29.5	32.7	38.7	40.2	39.0	38.8	37.3	39.1	40.9	42.6	44.2	45.8	47.3	48.9	50.5	52.0	53.6	55.1	56.7	58.2
THK	.4	.4	.3	.4	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3
MAE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IDN	.6	.3	.3	.4	.4	.3	.4	.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PHL	.1	.1	.1	.1	.1	.1	.0	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PNG	.1	.1	.1	.1	.1	.1	.1	.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ICH	.2	.2	.2	.2	.2	.2	.2	.2	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3
IND	3.1	3.4	3.7	4.0	4.4	4.8	4.8	4.8	4.8	5.3	5.5	5.8	6.0	6.2	6.4	6.7	6.9	7.1	7.3	7.6	7.8	8.0
MDE	10.3	10.3	10.3	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.6	9.6	9.6	9.7	9.7	9.8	9.8	9.8	9.9	9.9	10.0	10.0
SUW	132.3	131.8	131.3	130.1	128.8	131.7	135.8	134.5	134.5	133.3	132.1	130.9	129.7	128.5	127.3	126.2	125.1	123.9	122.8	121.8	120.7	119.6
SUE	39.8	39.8	39.4	39.7	39.1	40.4	43.1	43.5	43.5	43.9	44.3	44.8	45.2	45.6	46.0	46.5	46.9	47.4	47.8	48.3	48.7	49.2
AFE	1.0	.9	1.0	.8	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.8
AFN	.2	.3	.4	.5	.4	.6	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4
AFS	4.0	4.1	4.0	3.7	3.9	3.9	3.9	3.5	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6
AFW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AUS	2.7	2.9	2.8	2.5	2.8	3.4	3.5	3.5	3.5	3.6	3.7	3.8	4.0	4.1	4.2	4.3	4.4	4.5	4.6	4.7	4.8	4.9
NWZ	4.4	4.9	5.1	4.7	4.7	5.0	5.4	4.7	4.0	3.9	3.9	3.9	3.9	4.0	4.0	4.0	3.9	3.9	3.9	3.9	4.0	4.0
OCN	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT	663.4	628.1	621.2	679.6	688.9	699.6	726.2	755.3	755.3	757.8	763.6	768.5	773.0	776.7	780.3	783.8	787.2	790.6	794.0	797.3	800.8	804.2

HIGH DEMAND IN JAPAN AND CHINA (13 November 1989)

EXPORTS, CONIFEROUS SAWLOGS (million cubic meters)

	HISTORY								FORECAST													
REG	1980	1981	1982	1983	1984	1985	1986	1987	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
WST	13.2	9.9	12.8	13.0	13.9	15.0	13.9	15.8	16.4	16.3	16.6	17.3	18.3	20.9	21.2	20.8	20.4	20.1	19.9	20.0	19.7	19.4
EST	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
INT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ASK	.8	.7	1.2	1.3	1.2	1.5	1.7	2.3	2.3	2.2	2.2	2.2	2.1	2.1	2.1	2.1	2.1	2.1	2.0	2.0	2.0	2.0
CAL	.2	.1	.1	.2	.2	.3	.1	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2
USS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
USN	1.6	1.2	1.6	.2	2.0	2.0	1.9	1.6	1.5	1.6	1.7	1.8	1.9	1.9	2.0	2.0	2.0	2.1	2.2	2.2	2.3	2.3
CBC	1.2	.9	1.3	2.4	3.5	2.7	2.8	3.7	3.4	3.0	2.9	2.8	2.7	2.6	2.5	2.4	2.3	2.2	2.1	2.0	2.0	2.0
CIN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CEA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CAM	.0	.0	.0	.0	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
BRA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SAN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CHI	1.0	.4	.9	1.0	.9	1.3	1.0	1.3	2.6	3.0	3.8	4.6	4.7	3.2	3.5	4.3	5.1	5.9	6.8	7.2	7.7	8.1
SAS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
FIN	.7	.7	.3	.4	.4	.5	.3	.3	0.0	.4	.4	.5	.5	.5	.6	.6	.7	.7	.7	.8	.8	.9
SWE	.2	.2	.1	.2	.2	.2	.2	.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
EUW	2.1	1.8	2.0	2.0	2.2	2.6	2.4	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
EUE	.9	.6	.8	.4	.4	.5	.5	.6	.5	.5	.5	.5	.5	.5	.4	.4	.4	.4	.4	.3	.3	.3
JPN	.0	.0	.0	.0	.0	.0	.0	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
KOR	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CHN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
THK	.0	.0	.0	.0	.0	.0	.0	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IDN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PHL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PNG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ICH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IND	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MDE	.0	.0	.0	.0	.0	.0	.0	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUW	1.4	1.3	1.1	1.1	1.3	1.2	1.3	1.5	1.5	1.4	1.5	1.5	1.6	1.6	1.7	1.8	1.8	1.9	1.9	2.0	2.0	2.1
SUE	5.0	4.7	5.0	6.1	6.2	6.4	7.7	7.3	7.3	7.3	7.4	7.5	7.6	7.6	7.7	7.8	7.9	7.9	8.0	8.1	8.2	8.2
AFE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AFN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AFS	.0	.0	.0	.0	.0	.0	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AFW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AUS	.0	.0	.0	.0	.0	.0	.0	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NWZ	1.3	.9	.5	.5	.5	.4	.4	.4	.6	1.2	1.2	1.4	1.6	1.4	1.7	2.2	2.7	3.0	3.3	3.6	4.3	4.9
OCN	.0	.0	.0	.0	.0	.0	.0	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2
TOT	29.4	23.6	27.8	28.8	33.1	34.6	34.5	37.6	36.4	37.4	38.4	40.3	41.8	42.7	43.7	44.7	45.7	46.6	47.6	48.6	49.5	50.5

HIGH DEMAND IN JAPAN AND CHINA (13 November 1989)

IMPORTS, CONIFEROUS SAWLOGS (million cubic meters)

	HISTORY								FORECAST													
REG	1980	1981	1982	1983	1984	1985	1986	1987	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
WST	.3	.2	.3	.4	.3	.2	.1	.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
EST	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
INT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ASK	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CAL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
USS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
USN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CBC	.0	.0	.0	.0	.1	.3	.5	.5	.3	.3	.3	.3	.3	.3	.3	.4	.4	.4	.4	.4	.4	.4
CIN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CEA	1.4	1.0	1.3	1.5	1.8	1.8	1.6	1.4	1.5	1.6	1.7	1.8	1.9	1.9	2.0	2.0	2.0	2.1	2.2	2.2	2.3	2.3
CAM	.1	.1	.0	.1	.0	.0	.0	.0	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
BRA	0.0	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SAN	.0	.1	.1	.1	.0	.0	.0	.0	0.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.1	.1	.1	.1
CHI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SAS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
FIN	.6	.5	.6	.5	.6	.6	.5	.5	.7	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2
SWE	.5	.4	.4	.3	.4	.5	.6	.8	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2
EUW	3.9	3.6	3.6	3.6	3.4	3.6	3.3	3.3	3.2	1.4	.6	.6	.5	.5	.5	.5	.5	.4	.4	.4	.4	.4
EUE	1.0	.9	.4	.6	.6	.6	.7	.6	.6	.7	.7	.8	.8	.9	.9	1.0	1.1	1.1	1.2	1.2	1.3	1.4
JPN	20.0	15.3	16.3	16.5	15.8	16.7	17.9	20.5	22.5	24.2	24.7	25.1	25.2	25.0	24.7	24.4	24.1	23.8	23.5	23.2	23.0	22.7
KOR	1.5	1.2	1.5	2.1	2.1	2.2	2.4	2.8	2.5	2.5	2.6	2.6	2.7	2.7	2.8	2.9	2.9	3.0	3.1	3.2	3.3	3.4
CHN	.6	1.0	3.0	5.3	6.7	7.5	5.9	5.7	4.2	5.5	6.7	7.9	9.0	10.0	11.1	12.1	13.2	14.2	15.2	16.2	17.2	18.2
THK	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
MAE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IDN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PHL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PNG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ICH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IND	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MDE	.1	.1	.1	.1	.1	.2	.2	.4	.3	.4	.4	.5	.5	.5	.6	.6	.7	.7	.7	.8	.8	.9
SUW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AFE	.0	.0	.0	.0	.0	.0	.0	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AFN	.2	.2	.3	.4	.4	.5	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3
AFS	0.0	.0	.0	.0	.0	.0	.0	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AFW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AUS	0.0	0.0	0.0	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NWZ	.0	.0	.0	.0	.0	.0	.0	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
OCN	.0	.0	.0	.0	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOT	30.3	24.7	28.2	31.6	32.3	34.7	34.0	37.2	36.4	37.4	38.4	40.3	41.8	42.7	43.7	44.7	45.7	46.6	47.6	48.6	49.5	50.5

HIGH DEMAND IN JAPAN AND CHINA (13 November 1989)

PRICES, CONIFEROUS SAWLOGS (1980 USD/cubic meter)

	HISTORY								FORECAST													
REG	1980	1981	1982	1983	1984	1985	1986	1987	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
WSV	56.3	52.8	42.3	41.8	40.4	38.1	40.4	43.5	43.2	44.6	45.6	46.1	46.8	48.6	49.5	50.1	50.6	51.0	51.2	51.4	51.4	51.4
WSB	56.3	52.8	42.3	41.8	40.4	38.1	40.4	43.5	43.2	44.6	45.6	46.1	46.8	48.6	49.5	50.1	50.6	51.0	51.2	51.4	51.4	51.4
ESV	44.4	38.0	32.7	38.3	34.0	35.9	37.3	39.2	38.8	41.7	42.3	42.4	42.3	42.3	42.2	42.2	42.2	42.3	42.5	42.7	42.9	43.3
ESB	44.4	38.0	32.7	38.3	34.0	35.9	37.3	39.2	38.8	41.7	42.3	42.4	42.3	42.3	42.2	42.2	42.2	42.3	42.5	42.7	42.9	43.3
INV	40.6	35.8	30.5	34.7	32.0	31.1	32.8	34.5	34.3	37.4	38.8	39.4	39.5	39.3	39.3	39.4	39.6	39.9	40.4	40.9	41.5	42.1
INB	40.6	35.8	30.5	34.7	32.0	31.1	32.8	34.5	34.3	37.4	38.8	39.4	39.5	39.3	39.3	39.4	39.6	39.9	40.4	40.9	41.5	42.1
ASK	106.5	88.1	85.9	75.5	68.7	67.4	71.3	82.5	82.2	83.6	84.6	85.1	85.8	87.6	88.5	89.1	89.6	90.0	90.2	90.4	90.4	90.4
CAL	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
USS	32.6	31.0	28.6	33.0	33.3	29.9	30.1	30.6	32.1	33.1	34.2	35.2	36.1	36.9	37.7	38.4	39.0	39.6	40.1	40.5	41.0	41.4
USN	27.7	26.3	27.6	27.1	24.0	27.9	26.9	30.0	30.1	30.3	30.7	31.0	31.3	31.7	32.0	32.4	32.8	33.1	33.5	33.9	34.3	34.7
CBC	42.5	35.7	34.8	36.5	32.8	30.6	30.5	34.2	35.0	34.6	34.6	34.5	34.5	34.5	34.5	34.4	34.4	34.4	34.4	34.4	34.4	34.4
CIN	20.7	17.9	17.3	18.5	17.2	16.5	17.6	17.6	18.0	18.0	18.0	18.1	18.2	18.8	19.3	19.4	19.5	19.6	19.7	19.7	19.7	19.7
CEA	22.9	22.3	19.3	25.4	24.0	23.7	23.6	25.1	26.1	26.1	26.1	26.1	26.2	26.3	26.5	26.6	26.8	26.9	27.1	27.3	27.4	27.6
CAM	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	49.7	51.1	52.1	52.6	53.3	55.1	56.0	56.6	57.1	57.5	57.7	57.9	57.9	57.9
BRA																						
SAN																						
CHI	25.2	19.1	18.8	13.8	13.7	14.4	14.4	16.3	16.2	17.4	18.4	18.9	19.6	21.4	22.3	22.9	23.4	23.8	24.0	24.2	24.2	24.2
SAS																						
FIN	51.5	43.7	36.3	34.7	35.0	33.7	40.6	44.4	44.5	45.0	45.1	45.2	45.2	45.2	45.3	45.4	45.5	45.6	45.7	45.8	45.9	46.1
SWE	67.8	47.9	39.5	38.0	40.6	40.3	50.9	60.1	54.7	53.3	53.4	53.3	53.2	53.1	53.3	53.6	53.8	54.0	54.2	54.4	54.6	54.8
EUW	91.3	70.7	60.9	50.0	47.4	42.8	61.3	65.0	64.9	66.1	66.8	66.8	66.8	67.0	67.1	67.2	67.4	67.5	67.7	67.9	68.1	68.2
EUE	63.4	61.9	61.5	62.0	59.2	58.6	60.8	62.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
JPN	178.9	142.8	120.1	113.2	105.4	104.8	138.8	167.3	167.1	168.5	169.5	170.0	170.7	172.5	173.4	174.0	174.5	174.9	175.1	175.3	175.3	175.3
KOR	159.4	108.0	103.9	85.4	105.9	77.6	81.0	101.9	101.6	103.0	104.0	104.5	105.2	107.0	107.9	108.5	109.0	109.4	109.6	109.8	109.8	109.8
CHN	47.0	80.0	80.0	81.0	82.0	82.0	82.0	82.0	81.7	83.1	84.1	84.6	85.3	87.1	88.0	88.6	89.1	89.5	89.7	89.9	89.9	89.9
THK	230.5	212.3	178.5	163.6	146.6	127.8	130.7	203.4	203.4	204.8	205.8	206.3	207.0	208.8	209.7	210.3	210.8	211.2	211.4	211.6	211.6	211.6
MAE																						
MAW																						
IDN																						
PHL																						
PNG																						
ICH																						
IND																						
MDE	0.0	0.0	0.0	0.0	112.0	112.0	118.0	118.0	117.7	118.6	118.7	118.8	118.8	118.8	118.9	119.0	119.1	119.2	119.3	119.4	119.5	119.7
SUW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	50.0	49.8	50.3	50.4	50.5	50.5	50.5	50.6	50.7	50.8	50.9	51.0	51.1	51.2	51.4
SUE	50.0	39.2	31.5	30.2	28.3	28.4	33.3	30.4	30.2	31.6	32.6	33.1	33.8	35.6	36.5	37.1	37.6	38.0	38.2	38.4	38.4	38.4
AFE																						
AFN	174.3	181.6	157.5	132.7	135.1	128.9	119.7	125.0	124.7	125.3	125.4	125.5	125.5	125.5	125.6	125.7	125.8	125.9	126.0	126.1	126.2	126.4
AFS																						
AFW																						
AUS																						
NWZ	15.2	13.8	14.1	14.0	14.1	14.9	21.9	26.9	26.7	28.1	29.1	29.6	30.3	32.1	33.0	33.6	34.1	34.5	34.7	34.9	34.9	34.9
OCN	117.0	73.0	72.0	50.0	55.0	45.0	45.0	45.0	44.8	46.2	47.2	47.7	48.4	50.2	51.1	51.7	52.2	52.6	52.8	53.0	53.0	53.0
AVE	53.2	45.3	39.6	38.2	36.5	34.3	39.6	42.3	42.3	43.3	44.0	44.4	44.8	45.6	46.1	46.4	46.7	47.0	47.3	47.6	47.8	48.0
FWA	50.2	42.7	37.1	37.2	35.6	33.9	39.0	42.3	42.4	43.3	44.0	44.3	44.7	45.3	45.7	46.1	46.4	46.6	46.9	47.1	47.3	47.5

HIGH DEMAND IN JAPAN AND CHINA (13 November 1989)

PRODUCTION, CONIFEROUS SAWNWOOD (million cubic meters)

	HISTORY								FORECAST													
REG	1980	1981	1982	1983	1984	1985	1986	1987	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
WST	11.3	10.4	9.5	13.2	13.8	13.3	15.5	17.1	16.0	15.3	15.0	14.7	14.5	13.9	13.5	13.1	12.8	12.5	12.3	12.1	12.0	11.9
EST	3.6	3.5	3.4	4.1	4.3	4.3	4.8	5.3	5.4	4.9	4.8	4.7	4.7	4.7	4.8	4.8	4.9	4.9	5.0	5.0	5.0	5.1
INT	9.2	8.5	7.9	10.1	10.8	11.3	12.8	13.9	13.5	13.4	13.5	13.6	13.7	14.0	14.3	14.6	14.9	15.2	15.6	15.9	16.2	16.4
ASK	.6	.5	.4	.3	.3	.2	.3	.3	.3	.3	.3	.4	.4	.4	.4	.4	.4	.4	.5	.5	.5	.5
CAL	2.7	2.4	2.2	2.7	2.8	2.9	3.4	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7
USS	13.6	14.0	14.5	16.9	17.7	17.8	19.4	20.6	21.3	22.1	23.0	23.7	24.2	24.7	25.1	25.3	25.5	25.6	25.7	25.8	25.8	25.8
USN	3.3	2.3	2.2	2.6	2.5	2.5	2.8	3.0	3.1	3.1	3.3	3.4	3.5	3.6	3.8	3.9	4.0	4.1	4.3	4.4	4.6	4.7
CBC	7.6	6.2	5.7	7.4	7.0	7.2	6.7	8.4	8.3	8.3	8.3	8.4	8.5	8.6	8.7	8.8	8.8	8.9	9.1	9.2	9.3	9.4
CIN	14.0	13.0	12.8	16.4	16.9	18.5	18.0	20.9	21.5	21.5	21.7	22.0	22.2	22.3	22.4	22.6	22.8	23.0	23.2	23.4	23.6	23.9
CEA	8.6	8.0	7.1	9.2	9.6	10.8	12.8	13.1	13.4	13.5	13.8	14.0	14.2	14.5	14.8	15.1	15.4	15.7	16.0	16.3	16.7	17.0
CAM	2.4	2.3	2.1	2.2	2.3	2.5	2.4	2.5	2.5	2.6	2.6	2.6	2.6	2.6	2.7	2.7	2.7	2.7	2.7	2.8	2.8	2.8
BRA	7.1	7.5	7.8	8.1	8.4	8.4	8.4	8.4	8.4	8.5	8.7	8.8	9.0	9.2	9.3	9.5	9.7	9.8	10.0	10.2	10.3	10.5
SAN	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.1	.1
CHI	1.9	1.5	1.0	1.4	1.7	1.9	1.8	2.3	1.6	1.6	1.7	1.7	1.8	1.9	1.9	2.0	2.1	2.1	2.2	2.2	2.3	2.4
SAS	.2	.2	.3	.3	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.3
FIN	10.2	8.2	7.2	7.9	8.1	7.2	7.0	7.5	7.8	7.8	8.0	8.1	8.2	8.3	8.5	8.6	8.7	8.9	9.0	9.2	9.3	9.4
SWE	11.0	10.1	10.7	11.9	12.1	11.3	11.4	11.2	10.5	10.5	10.4	10.4	10.3	10.2	10.1	10.0	9.9	9.8	9.6	9.5	9.4	9.3
EUW	33.6	32.1	31.9	32.8	33.2	33.4	33.7	33.9	35.2	35.4	35.9	36.4	36.8	37.3	37.8	38.3	38.8	39.3	39.8	40.2	40.7	41.2
EUE	15.5	15.0	14.9	15.4	15.4	15.2	14.7	14.4	14.4	14.5	14.6	14.6	14.7	14.8	14.8	14.9	15.0	15.0	15.1	15.2	15.2	15.3
JPN	30.4	27.0	26.4	25.6	25.0	25.2	25.9	27.2	27.3	28.7	29.2	29.6	29.8	29.8	29.7	29.6	29.5	29.3	29.2	29.1	28.9	28.8
KOR	1.4	1.3	1.5	2.0	1.9	2.0	2.4	2.8	2.3	2.3	2.3	2.4	2.4	2.5	2.5	2.5	2.6	2.6	2.7	2.7	2.8	2.9
CHN	13.1	13.5	14.4	15.1	16.8	17.7	17.3	18.0	18.0	18.7	19.4	20.1	20.8	21.5	22.2	22.9	23.6	24.3	25.0	25.7	26.4	27.1
THK	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
MAE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IDN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PHL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PNG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ICH	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
IND	1.5	1.7	1.8	2.0	2.2	2.4	2.4	2.4	2.4	2.7	2.8	2.9	3.0	3.1	3.2	3.3	3.4	3.6	3.7	3.8	3.9	4.0
MDE	4.1	4.1	4.1	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.9	3.9	3.9	3.9	3.9	3.9	4.0	4.0	4.0	4.0
SUW	66.1	65.9	65.6	65.1	64.4	65.9	67.9	67.3	67.3	66.6	66.0	65.4	64.8	64.3	63.7	63.1	62.5	62.0	61.4	60.9	60.3	59.8
SUE	19.9	19.9	19.7	19.8	19.6	20.2	21.6	21.8	21.8	22.0	22.2	22.4	22.6	22.8	23.0	23.2	23.5	23.7	23.9	24.1	24.4	24.6
AFE	.3	.4	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3
AFN	.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
AFS	1.5	1.7	1.5	1.5	1.5	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.5
AFW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AUS	1.1	1.2	1.2	1.0	1.1	1.2	1.2	1.2	1.2	1.3	1.3	1.4	1.5	1.5	1.6	1.6	1.7	1.8	1.8	1.9	1.9	2.0
NWZ	2.0	2.1	2.2	2.1	2.1	2.3	2.4	2.1	1.7	1.7	1.7	1.7	1.7	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
OCN	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT	298.3	284.9	280.6	301.7	306.2	311.6	323.0	335.3	334.9	337.2	340.3	343.1	345.8	348.0	350.3	352.6	354.8	357.1	359.4	361.7	364.1	366.5

HIGH DEMAND IN JAPAN AND CHINA (13 November 1989)

CONSUMPTION, CONIFEROUS SAWNWOOD (million cubic meters)

	HISTORY								FORECAST													
REG	1980	1981	1982	1983	1984	1985	1986	1987	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
USW	18.8	17.5	15.8	21.7	23.7	24.6	25.8	27.7	27.2	27.1	27.8	28.2	28.5	28.8	29.1	29.4	29.8	30.1	30.4	30.7	31.0	31.3
USS	17.6	17.5	18.9	24.0	24.6	24.1	25.5	26.0	25.9	25.5	25.7	25.7	25.8	25.8	25.8	25.8	25.9	25.9	25.9	26.0	26.0	26.0
USN	19.6	17.4	16.9	20.6	21.6	23.5	26.3	28.4	28.3	27.6	27.6	27.5	27.4	27.3	27.1	27.0	26.8	26.7	26.6	26.4	26.3	26.2
CAN	10.6	9.6	7.1	10.0	9.3	10.9	12.9	15.7	15.6	15.8	15.9	16.0	16.2	16.3	16.4	16.5	16.6	16.7	16.9	17.0	17.1	17.2
CAM	3.6	3.4	2.9	3.2	3.5	3.6	3.4	3.4	3.4	3.5	3.5	3.6	3.6	3.6	3.7	3.7	3.8	3.8	3.9	3.9	4.0	4.0
BRA	7.0	7.3	7.6	8.0	8.3	8.3	8.3	8.3	8.4	8.5	8.7	8.8	9.0	9.2	9.3	9.5	9.7	9.8	10.0	10.2	10.3	10.5
SAN	.3	.2	.2	.1	.1	.0	.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	.2	.2	.2
CHI	.7	.6	.4	.7	.9	1.2	.9	1.3	1.3	1.4	1.4	1.5	1.5	1.6	1.7	1.7	1.8	1.9	1.9	2.0	2.0	2.1
SAS	.7	.6	.5	.6	.5	.3	.4	.4	.4	.4	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5
FIN	3.3	2.8	2.7	3.0	3.3	2.4	2.5	2.6	2.6	2.6	2.6	2.7	2.7	2.7	2.7	2.8	2.8	2.8	2.8	2.9	2.9	2.9
SWE	5.3	4.6	3.3	3.5	4.2	3.5	3.7	3.8	3.8	3.9	3.9	4.0	4.0	4.0	4.1	4.1	4.1	4.2	4.2	4.3	4.3	4.3
EUW	51.9	47.3	48.3	49.3	48.5	48.2	51.6	53.1	52.9	53.7	54.4	55.1	55.8	56.5	57.2	57.9	58.6	59.3	60.1	60.8	61.6	62.3
EUE	15.7	15.3	14.9	15.4	15.9	16.6	15.3	14.6	14.6	15.0	15.1	15.1	15.2	15.3	15.3	15.4	15.5	15.5	15.6	15.7	15.7	15.8
JPN	35.3	30.5	30.6	29.5	28.7	29.3	30.3	33.0	32.2	33.0	33.3	33.7	34.0	34.1	34.1	34.1	34.0	33.9	33.9	33.8	33.7	33.7
KOR	1.1	1.1	1.3	1.8	1.8	1.8	2.2	2.6	2.3	2.3	2.3	2.4	2.4	2.5	2.5	2.5	2.6	2.6	2.7	2.7	2.8	2.9
CHN	13.1	13.6	14.6	15.5	17.2	18.0	17.5	18.1	18.1	18.9	19.6	20.3	21.0	21.7	22.4	23.1	23.8	24.5	25.2	25.9	26.6	27.3
THK	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2
MAE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IDN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PHL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PNG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ICH	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
IND	1.6	1.7	1.9	2.0	2.2	2.4	2.4	2.4	2.4	2.7	2.8	2.9	3.0	3.1	3.2	3.3	3.4	3.6	3.7	3.8	3.9	4.0
MDE	6.5	6.3	6.6	6.4	6.5	5.7	5.3	5.2	5.2	5.4	5.5	5.7	5.8	5.9	6.1	6.2	6.3	6.5	6.6	6.7	6.9	7.0
SUW	59.5	59.5	58.8	58.1	57.6	58.5	60.3	59.8	59.8	59.2	58.7	58.1	57.5	57.0	56.4	55.9	55.4	54.8	54.3	53.8	53.3	52.8
SUE	19.5	19.6	19.4	19.6	19.3	19.9	21.2	21.4	21.4	21.6	21.8	22.0	22.2	22.4	22.6	22.8	23.0	23.2	23.4	23.7	23.9	24.1
AFE	.4	.5	.4	.3	.3	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4
AFN	1.9	2.8	3.2	3.6	3.8	3.9	3.0	3.1	3.1	3.2	3.4	3.5	3.6	3.8	3.9	4.1	4.2	4.4	4.5	4.7	4.8	5.0
AFS	1.4	1.6	1.4	1.4	1.4	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.4	1.4	1.4	1.4	1.4	1.4	1.4
AFW	.0	.0	.0	.0	.0	.0	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AUS	1.8	2.0	2.0	1.7	1.9	2.3	2.2	2.0	2.0	2.1	2.1	2.2	2.2	2.2	2.3	2.3	2.3	2.4	2.4	2.4	2.5	2.5
NWZ	1.4	1.6	1.7	1.7	1.7	1.8	2.0	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.8
OCN	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
TOT	298.6	285.3	281.5	302.3	307.3	313.2	325.2	337.1	334.9	337.2	340.3	343.1	345.8	348.0	350.3	352.6	354.8	357.1	359.4	361.7	364.1	366.5

HIGH DEMAND IN JAPAN AND CHINA (13 November 1989)

EXPORTS, CONIFEROUS SAWNWOOD (million cubic meters)

	HISTORY								FORECAST													
REG	1980	1981	1982	1983	1984	1985	1986	1987	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
WST	3.8	3.3	3.2	4.1	3.8	3.6	4.8	5.8	7.7	10.2	9.2	8.6	8.2	7.5	7.2	6.8	6.5	6.3	6.1	6.0	5.9	5.8
EST	1.5	1.4	1.4	1.7	1.7	1.7	2.1	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
INT	4.0	3.7	3.5	4.3	4.3	4.5	5.7	6.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ASK	.6	.5	.4	.3	.3	.2	.3	.3	.3	.3	.3	.4	.4	.4	.4	.4	.4	.4	.5	.5	.5	.5
CAL	.8	.8	.6	.7	.8	.8	.9	1.0	3.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
USS	3.6	3.3	3.3	2.9	3.3	3.7	4.2	4.5	.0	.0	.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
USN	.3	.4	.2	.3	.3	.2	.3	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4
CBC	6.4	4.9	4.8	5.5	5.3	5.4	5.3	6.3	8.3	8.3	8.3	8.4	8.5	8.6	8.7	8.8	8.8	8.9	9.1	9.2	9.3	9.4
CIN	9.3	7.8	8.1	11.6	11.5	13.4	13.0	15.7	19.7	19.7	20.1	20.4	20.7	21.0	21.3	21.6	22.0	22.4	22.8	23.2	23.6	23.9
CEA	4.6	5.8	6.0	6.9	8.1	7.3	7.1	5.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CAM	.3	.3	.4	.3	.3	.2	.2	.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	.2
BRA	.2	.1	.1	.1	.1	.1	.1	.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SAN	.0	.0	.0	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CHI	1.3	.8	.6	.7	.9	.7	.8	1.0	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3
SAS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
FIN	6.9	5.4	4.6	4.9	4.8	4.9	4.5	4.9	5.2	5.2	5.4	5.5	5.5	5.6	5.7	5.8	5.9	6.1	6.2	6.3	6.4	6.5
SWE	5.9	5.6	7.5	8.4	8.0	7.9	7.7	7.5	6.7	6.6	6.5	6.4	6.3	6.2	6.0	5.9	5.7	5.6	5.4	5.2	5.1	4.9
EUW	7.0	6.1	6.3	7.3	7.6	6.9	6.9	6.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
EUE	2.4	2.4	2.4	2.5	2.4	2.1	2.3	2.3	2.3	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
JPN	.0	.0	.0	.0	.0	.0	.0	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
KOR	.4	.2	.2	.1	.2	.2	.2	.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CHN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
THK	.0	.0	.0	.0	.0	.0	.0	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IDN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PHL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PNG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ICH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IND	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MDE	.1	.1	.1	.1	.1	.1	.0	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUW	6.6	6.4	6.8	7.0	6.8	7.4	7.6	7.4	7.4	7.4	7.4	7.3	7.3	7.3	7.2	7.2	7.2	7.1	7.1	7.1	7.0	7.0
SUE	.3	.3	.3	.2	.3	.3	.3	.3	.3	.3	.3	.4	.4	.4	.4	.4	.4	.4	.5	.5	.5	.5
AFE	.0	.0	.0	.0	.0	.0	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AFN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AFS	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
AFW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AUS	.0	.0	.0	.0	.0	.0	.0	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NWZ	.6	.5	.5	.4	.4	.5	.4	.3	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
OCN	.0	.0	.0	.0	.0	.0	.0	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOT	67.1	60.6	61.5	70.6	71.3	71.9	75.0	80.1	62.7	60.9	60.5	60.1	60.0	59.8	59.8	59.8	59.9	60.2	60.4	60.8	61.2	61.6

HIGH DEMAND IN JAPAN AND CHINA (13 November 1989)

IMPORTS, CONIFEROUS SAWNWOOD (million cubic meters)

	HISTORY								FORECAST													
REG	1980	1981	1982	1983	1984	1985	1986	1987	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
USW	2.1	1.9	1.7	2.4	2.7	3.3	2.8	3.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
USS	7.6	6.9	7.6	10.0	10.2	10.1	10.3	9.9	4.7	3.3	2.7	2.1	1.6	1.1	.8	.6	.4	.4	.3	.3	.3	.4
USN	16.5	15.5	14.8	18.4	19.4	21.2	23.8	25.8	25.6	24.9	24.8	24.6	24.3	24.1	23.8	23.5	23.2	23.0	22.7	22.4	22.2	21.9
CAN	.8	1.0	.5	.9	.7	.6	.7	.9	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4
CAM	1.5	1.4	1.1	1.3	1.5	1.3	1.3	1.1	.9	.9	.9	1.0	1.0	1.0	1.0	1.1	1.1	1.1	1.1	1.2	1.2	1.2
BRA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SAN	.2	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
CHI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SAS	.5	.3	.2	.2	.3	.2	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3
FIN	.0	.0	.0	.0	.0	.0	.0	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SWE	.2	.1	.1	.1	.1	.1	.1	.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
EUW	25.3	21.4	22.7	23.8	22.9	21.7	24.8	26.1	17.7	18.3	18.5	18.7	19.0	19.2	19.4	19.6	19.8	20.0	20.3	20.6	20.9	21.2
EUE	2.5	2.8	2.4	2.5	2.8	3.5	2.9	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
JPN	4.9	3.4	4.2	3.9	3.7	4.1	4.5	5.9	4.9	4.3	4.1	4.2	4.3	4.3	4.4	4.5	4.5	4.6	4.7	4.7	4.8	4.9
KOR	.0	.0	.0	.0	.0	.0	.0	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CHN	0.0	.2	.1	.4	.3	.3	.2	.1	.1	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2
THK	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
MAE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IDN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PHL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PNG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ICH	.0	.0	.0	.0	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IND	.1	.0	.0	.0	.0	.0	.0	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MDE	2.4	2.3	2.6	2.7	2.8	2.0	1.5	1.5	1.4	1.6	1.7	1.8	1.9	2.1	2.2	2.3	2.4	2.5	2.6	2.8	2.9	3.0
SUW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AFE	.0	.1	.1	.0	.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
AFN	1.8	2.7	3.1	3.5	3.7	3.8	2.9	3.0	3.0	3.1	3.3	3.4	3.5	3.7	3.8	4.0	4.1	4.3	4.4	4.6	4.7	4.9
AFS	.0	.0	.0	.0	.0	.0	.0	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AFW	.0	.0	.0	.0	.0	.0	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AUS	.7	.8	.9	.6	.8	1.1	1.0	.8	.8	.8	.8	.8	.7	.7	.7	.7	.6	.6	.6	.6	.5	.5
NWZ	.0	.0	.0	.0	.0	.0	.0	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
OCN	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
TOT	67.4	61.1	62.4	71.1	72.4	73.5	77.3	81.8	62.7	60.9	60.5	60.1	60.0	59.8	59.8	59.8	59.9	60.2	60.4	60.8	61.2	61.6

HIGH DEMAND IN JAPAN AND CHINA (13 November 1989)

PRICES, CONIFEROUS SAWNWOOD (1980 USD/cubic meter)

	HISTORY								FORECAST													
REG	1980	1981	1982	1983	1984	1985	1986	1987	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
WSV	155.0	125.3	104.8	114.8	108.6	108.9	112.4	119.0	120.9	119.3	119.5	119.2	118.8	119.1	119.1	119.1	119.1	119.2	119.2	119.2	119.3	119.4
WSB																						
ESV	173.7	162.0	137.7	170.5	157.7	156.6	172.9	176.3	178.3	176.7	176.9	176.6	176.2	176.5	176.5	176.5	176.5	176.6	176.6	176.6	176.7	176.8
ESB																						
INV	148.4	136.1	113.2	142.7	130.6	130.8	142.9	146.3	147.2	145.6	145.8	145.5	145.1	145.4	145.4	145.4	145.4	145.5	145.5	145.5	145.6	145.7
INB																						
ASK	0.0	0.0	0.0	0.0	0.0	0.0	0.0	160.0	161.8	160.2	144.7	137.8	133.9	132.9	132.7	133.2	134.1	135.2	136.1	137.3	138.2	139.2
CAL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	120.0	121.9	120.3	120.5	120.2	119.8	120.1	120.1	120.1	120.1	120.2	120.2	120.2	120.3	120.4
USS	126.4	108.2	111.7	130.6	118.8	111.7	116.7	134.2	136.4	134.8	135.0	134.7	134.3	134.6	134.6	134.6	134.6	134.7	134.7	134.7	134.8	134.9
USN	109.6	107.6	94.7	117.5	105.4	103.9	111.3	119.5	121.4	119.8	120.0	119.7	119.3	119.6	119.6	119.6	119.6	119.7	119.7	119.7	119.8	119.9
CBC	100.0	84.0	71.5	92.1	76.1	84.2	89.2	95.7	97.5	95.9	96.1	95.8	95.4	95.7	95.7	95.7	95.7	95.8	95.8	95.8	95.9	96.0
CIN	92.8	79.0	69.5	90.6	73.7	73.6	91.1	100.7	102.5	100.9	101.1	100.8	100.4	100.7	100.7	100.7	100.7	100.8	100.8	100.8	100.9	101.0
CEA	100.6	98.7	86.8	107.8	96.7	95.3	102.0	114.3	116.4	114.7	115.0	114.7	114.3	114.6	114.6	114.6	114.6	114.7	114.7	114.7	114.7	114.6
CAM	0.0	0.0	0.0	0.0	0.0	0.0	0.0	118.7	120.5	118.9	119.1	118.8	118.4	118.7	118.7	118.7	118.7	118.8	118.8	118.8	118.9	119.0
BRA																						
SAN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	157.0	159.1	157.5	157.7	157.4	157.0	157.3	157.3	157.3	157.3	157.4	157.4	157.4	157.5	157.6
CHI	100.3	94.1	70.8	54.3	50.2	48.9	51.8	57.9	64.5	66.5	68.1	68.5	68.8	67.9	68.2	68.1	67.6	66.9	69.4	70.0	69.0	67.9
SAS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	80.9	87.5	89.5	91.1	91.5	91.8	90.9	91.2	91.1	90.6	89.9	92.4	93.0	92.0	90.9
FIN	167.2	154.7	128.0	126.4	128.9	115.2	143.4	165.4	167.2	165.6	165.8	165.5	165.1	165.4	165.4	165.4	165.4	165.5	165.5	165.5	165.6	165.7
SWE	217.9	168.2	130.9	126.5	127.8	117.2	147.1	177.3	179.1	177.5	177.7	177.4	177.0	177.3	177.3	177.3	177.3	177.4	177.4	177.4	177.5	177.6
EUW	217.6	165.3	153.6	131.5	127.1	119.3	143.7	153.0	154.8	153.2	153.4	153.1	152.7	153.0	153.0	153.0	153.0	153.1	153.1	153.1	153.2	153.3
EUE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	146.1	148.0	146.4	146.6	146.3	145.9	146.2	146.2	146.2	146.2	146.3	146.3	146.3	146.4	146.5
JPN	320.6	247.0	214.3	207.8	191.2	194.5	272.7	361.3	363.1	361.5	346.0	339.1	335.2	334.2	334.0	334.5	335.4	336.5	337.4	338.6	339.5	340.5
KOR	251.7	206.3	188.4	188.6	167.7	165.1	170.9	185.9	201.7	205.4	208.6	211.2	213.7	216.9	218.9	221.0	222.8	224.4	225.6	226.8	227.7	228.5
CHN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	143.9	145.7	144.1	144.3	144.0	143.6	143.9	143.9	143.9	143.9	144.0	144.0	144.0	144.1	144.2
THK	0.0	0.0	0.0	0.0	0.0	0.0	0.0	224.8	226.7	225.1	225.3	225.0	224.6	224.9	224.9	224.9	224.9	225.0	225.0	225.0	225.1	225.2
MAE																						
MAW																						
IDN																						
PHL																						
PNG																						
ICH																						
IND																						
MDE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	179.9	181.6	180.0	180.2	179.9	179.5	179.8	179.8	179.8	179.8	179.9	179.9	179.9	180.0	180.1
SUW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	113.3	115.1	113.5	113.7	113.4	113.0	113.3	113.3	113.3	113.3	113.4	113.4	113.4	113.5	113.6
SUE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	113.3	115.1	113.5	98.0	91.1	87.2	86.2	86.0	86.5	87.4	88.5	89.4	90.6	91.5	92.5
AFE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	150.0	152.1	152.1	152.1	152.1	152.1	152.1	152.1	152.1	152.1	152.1	152.1	152.1	152.1	152.1
AFN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	215.8	217.5	215.9	216.1	215.8	215.4	215.7	215.7	215.7	215.7	215.8	215.8	215.8	215.9	216.0
AFS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	107.9	110.0	110.0	110.0	110.0	110.0	110.0	110.0	110.0	110.0	110.0	110.0	110.0	110.0	110.0
AFW																						
AUS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	152.9	154.7	153.1	153.3	153.0	152.6	152.9	152.9	152.9	152.9	153.0	153.0	153.0	153.1	153.2
NWZ	114.2	116.3	108.4	97.5	99.2	108.8	128.3	140.9	153.0	157.3	161.0	163.5	165.8	159.1	161.0	162.4	175.0	176.5	177.5	178.3	178.7	178.7
OCN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	157.4	169.5	173.8	177.5	180.0	182.3	175.6	177.5	178.9	191.5	193.0	194.0	194.8	195.2	195.2
AVE	189.7	153.4	135.9	135.2	125.2	121.7	146.1	167.5	170.0	169.9	167.9	166.7	165.8	165.6	165.3	165.2	165.1	165.0	164.8	164.7	164.5	164.3
FWA	177.6	145.2	128.1	133.7	123.7	121.1	144.9	167.5	169.7	168.3	166.4	165.2	164.4	164.4	164.5	164.6	164.9	165.2	165.4	165.6	165.8	165.9

APPENDIX C: LOW DEMAND IN JAPAN AND CHINA

TABLE OF CONTENTS

LOW DEMAND IN JAPAN AND CHINA (13 November 1989)

PRODUCTION, CONIFEROUS SAWLOGS (million cubic meters)

	HISTORY								FORECAST													
REG	1980	1981	1982	1983	1984	1985	1986	1987	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
WSV	35.6	33.1	35.2	38.9	36.4	35.0	38.3	43.4	42.3	42.7	41.9	40.3	38.8	38.0	36.7	35.9	35.2	34.6	34.1	33.7	33.4	33.0
WSB	14.3	11.5	9.5	16.5	19.4	20.3	22.6	23.3	22.3	19.0	17.4	17.3	17.5	17.2	16.9	17.0	17.1	17.1	17.2	17.1	17.1	16.9
ESV	5.3	5.5	5.6	5.0	4.7	4.4	4.9	6.2	6.1	7.1	7.3	7.2	7.1	7.0	6.9	6.8	6.7	6.6	6.6	6.5	6.5	6.5
ESB	5.5	5.1	4.3	7.4	8.3	8.6	9.4	9.5	9.9	7.3	6.7	6.5	6.5	6.5	6.7	6.8	6.9	7.0	7.1	7.2	7.2	7.3
INV	11.1	10.9	11.2	9.7	12.0	11.2	13.2	15.6	14.7	18.1	19.5	19.8	19.4	18.8	18.3	18.0	17.8	17.7	17.6	17.7	17.8	18.0
INB	14.3	12.7	9.9	17.6	16.6	18.2	19.9	20.1	20.0	16.1	14.8	14.3	14.5	15.3	16.0	16.6	17.1	17.5	17.8	17.9	18.1	18.2
ASK	2.0	1.7	2.0	2.0	1.7	1.9	2.3	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	3.0	3.0	3.0	3.0	3.0
CAL	6.7	6.1	5.3	6.4	6.7	7.0	8.0	8.6	8.5	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6
USS	54.9	57.8	59.3	68.9	71.2	71.9	77.7	81.5	83.8	86.2	88.4	89.9	90.8	91.5	91.8	91.9	91.8	91.6	91.2	90.8	90.4	89.8
USN	11.8	8.3	8.2	8.1	9.8	9.9	10.5	10.9	11.0	11.2	11.6	11.8	12.0	12.3	12.5	12.7	12.9	13.2	13.4	13.6	13.9	14.1
CBC	21.7	16.1	15.5	20.7	20.6	19.9	18.8	23.6	23.4	22.7	22.5	22.3	22.2	22.1	22.0	21.8	21.7	21.5	21.4	21.3	21.3	21.2
CIN	42.0	38.2	38.2	44.3	46.2	50.0	48.6	56.6	58.1	57.8	58.0	58.1	58.3	58.0	57.7	57.6	57.6	57.5	57.5	57.6	57.6	57.7
CEA	29.8	25.1	22.9	29.3	27.2	29.8	35.0	35.9	36.7	36.4	36.7	36.8	36.7	37.0	37.1	37.3	37.4	37.7	37.9	38.1	38.4	38.6
CAM	4.9	5.1	5.2	4.9	5.1	5.6	5.1	5.4	5.4	5.6	5.6	5.7	5.7	5.7	5.8	5.8	5.8	5.9	5.9	6.0	6.0	6.0
BRA	19.9	19.6	20.3	21.2	22.0	22.0	21.3	21.3	21.3	21.6	22.0	22.4	22.8	23.2	23.6	24.0	24.4	24.8	25.2	25.6	26.0	26.3
SAN	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
CHI	4.9	3.4	3.0	4.0	4.5	5.2	4.7	6.2	6.0	6.4	7.3	8.2	8.3	6.9	7.4	8.3	9.2	10.0	10.9	11.4	12.0	12.5
SAS	.3	.4	.6	.7	.4	.4	.4	.4	.4	.4	.4	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5
FIN	23.5	19.4	16.4	18.1	18.9	17.7	16.4	16.2	16.3	17.1	17.4	17.6	17.4	17.6	17.3	17.4	17.5	17.6	17.7	17.9	18.1	18.2
SWE	20.6	19.2	20.3	23.1	23.8	22.2	22.1	21.9	21.0	21.0	20.8	20.6	20.3	20.1	19.8	19.5	19.1	18.8	18.5	18.1	17.8	17.4
EUW	54.4	53.5	53.2	54.5	56.5	55.4	56.3	57.0	56.8	58.8	59.9	60.2	60.5	61.3	61.5	62.2	62.8	63.4	64.1	64.8	65.4	66.0
EUE	25.0	25.0	25.0	26.6	25.4	24.7	23.9	23.8	23.8	23.9	24.0	24.1	24.2	24.3	24.4	24.5	24.6	24.7	24.9	25.0	25.1	25.2
JPN	17.8	16.8	17.3	16.8	16.4	16.4	16.2	16.6	16.6	17.0	17.3	17.5	17.8	18.0	18.2	18.5	18.7	18.9	19.2	19.4	19.7	19.9
KOR	.5	.8	.8	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7
CHN	29.0	26.0	26.5	27.4	32.0	32.7	33.1	33.1	33.1	33.6	34.1	34.7	35.2	35.7	36.3	36.8	37.3	37.9	38.4	38.9	39.5	40.0
THK	.4	.3	.3	.4	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3
MAE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IDN	.6	.3	.3	.4	.4	.3	.4	.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PHL	.1	.1	.1	.1	.1	.1	.0	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PNG	.1	.1	.1	.1	.1	.1	.1	.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ICH	.2	.2	.2	.2	.2	.2	.2	.2	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3
IND	3.1	3.4	3.7	4.0	4.4	4.8	4.8	4.8	4.8	5.3	5.5	5.8	6.0	6.2	6.4	6.7	6.9	7.1	7.3	7.6	7.8	8.0
MDE	10.2	10.2	10.2	9.4	9.4	9.3	9.3	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1
SUW	133.6	133.1	132.3	131.3	130.1	132.9	137.1	136.1	136.1	134.7	133.5	132.4	131.3	130.1	129.0	127.9	126.9	125.8	124.8	123.8	122.7	121.7
SUE	44.7	44.6	44.3	45.8	45.4	46.8	50.8	50.8	50.8	51.3	51.7	52.2	52.7	53.2	53.7	54.3	54.8	55.3	55.8	56.4	56.9	57.4
AFE	.9	.9	.9	.8	.9	.8	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.8
AFN	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
AFS	4.1	4.1	4.0	3.7	3.9	3.9	3.9	3.5	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6
AFW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AUS	2.7	2.9	2.8	2.5	2.8	3.4	3.5	3.5	3.5	3.6	3.7	3.8	4.0	4.1	4.2	4.3	4.4	4.5	4.6	4.7	4.8	4.9
NWZ	5.7	5.7	5.5	5.2	5.2	5.4	5.8	5.1	4.5	5.2	5.1	5.3	5.5	5.4	5.6	6.1	6.5	6.9	7.2	7.5	8.1	8.8
OCN	.1	.0	.0	.0	.0	.1	.0	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2
TOT	662.5	627.1	620.8	676.9	689.8	699.5	726.6	755.7	755.3	757.1	760.0	761.8	762.8	763.0	762.9	765.7	768.3	770.9	773.5	776.0	778.7	781.2

LOW DEMAND IN JAPAN AND CHINA (13 November 1989)

CONSUMPTION, CONIFEROUS SAWLOGS (million cubic meters)

	HISTORY								FORECAST													
REG	1980	1981	1982	1983	1984	1985	1986	1987	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
WST	36.9	34.8	32.1	42.8	42.2	40.5	47.1	51.1	48.2	46.0	45.5	45.5	45.8	45.8	46.1	46.2	46.4	46.7	47.0	47.3	47.8	48.2
EST	10.8	10.6	9.9	12.4	12.9	13.0	14.3	15.7	16.0	14.4	14.0	13.7	13.6	13.5	13.5	13.6	13.6	13.6	13.6	13.7	13.7	13.8
INT	25.4	23.6	21.1	27.3	28.6	29.5	33.1	35.7	34.7	34.2	34.3	34.0	33.9	34.1	34.3	34.6	34.8	35.1	35.4	35.7	35.9	36.1
ASK	1.2	.9	.8	.6	.6	.4	.6	.6	.6	.7	.7	.7	.7	.8	.8	.8	.9	.9	.9	.9	1.0	1.0
CAL	6.5	6.0	5.2	6.2	6.5	6.7	7.8	8.4	8.4	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5
USS	54.9	57.8	59.3	68.9	71.2	71.9	77.7	81.5	83.8	86.2	88.4	89.9	90.8	91.5	91.8	91.9	91.8	91.6	91.2	90.8	90.4	89.8
USN	10.2	7.1	6.6	7.9	7.8	7.9	8.6	9.3	9.5	9.6	9.9	10.1	10.2	10.4	10.5	10.7	10.9	11.1	11.3	11.4	11.6	11.8
CBC	20.6	15.2	14.3	18.4	17.2	17.5	16.4	20.5	20.2	20.0	19.9	19.9	19.8	19.8	19.8	19.8	19.7	19.7	19.7	19.7	19.7	19.6
CIN	42.0	38.2	38.2	44.3	46.2	50.0	48.6	56.6	58.1	57.8	58.0	58.1	58.3	58.0	57.7	57.6	57.6	57.5	57.5	57.6	57.6	57.7
CEA	31.2	26.1	24.3	30.8	28.9	31.6	36.7	37.4	38.3	38.1	38.4	38.5	38.6	38.9	39.1	39.3	39.5	39.8	40.0	40.3	40.6	40.9
CAM	5.0	5.1	5.3	4.9	5.2	5.6	5.1	5.4	5.6	5.6	5.7	5.7	5.8	5.8	5.8	5.9	5.9	6.0	6.0	6.1	6.1	6.1
BRA	19.9	19.6	20.3	21.2	22.0	22.0	21.3	21.3	21.3	21.6	22.0	22.4	22.8	23.2	23.6	24.0	24.4	24.8	25.2	25.6	26.0	26.3
SAN	.1	.2	.2	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	.2	.2	.2	.2	.2	.2
CHI	3.9	3.1	2.1	3.0	3.6	4.0	3.7	4.9	3.4	3.4	3.5	3.6	3.7	3.9	4.0	4.1	4.2	4.3	4.4	4.4	4.5	4.6
SAS	.3	.4	.6	.7	.4	.4	.4	.4	.4	.4	.4	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5
FIN	23.5	19.1	16.6	18.2	19.1	17.9	16.6	16.4	17.0	17.0	17.2	17.3	17.4	17.4	17.5	17.6	17.7	17.8	17.9	17.9	18.0	18.0
SWE	21.0	19.4	20.6	23.3	24.0	22.5	22.6	22.6	21.2	21.2	21.0	20.8	20.5	20.3	19.9	19.6	19.3	19.0	18.6	18.3	17.9	17.6
EUW	56.2	55.2	54.8	56.1	57.7	56.4	57.2	57.9	60.0	60.5	61.4	62.4	63.4	64.2	65.3	66.3	67.2	68.2	69.1	70.0	70.9	71.8
EUE	25.1	25.3	24.6	26.9	25.6	24.7	24.0	23.8	23.8	24.0	24.2	24.4	24.6	24.7	24.9	25.1	25.3	25.5	25.7	25.9	26.1	26.2
JPN	37.8	32.0	33.6	33.3	32.2	33.1	34.0	37.1	39.1	41.2	39.9	38.0	35.5	32.7	29.7	29.5	29.4	29.3	29.1	28.9	28.8	28.7
KOR	2.1	1.9	2.3	2.8	2.7	2.9	3.1	3.5	3.1	3.2	3.3	3.3	3.4	3.5	3.6	3.7	3.9	4.0	4.1	4.2	4.3	4.4
CHN	29.6	27.0	29.5	32.7	38.7	40.2	39.0	38.8	37.3	38.3	39.3	40.2	41.0	41.8	42.5	43.3	44.1	44.8	45.6	46.3	47.1	47.8
THK	.4	.4	.3	.4	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3
MAE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IDN	.6	.3	.3	.4	.4	.3	.4	.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PHL	.1	.1	.1	.1	.1	.1	.0	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PNG	.1	.1	.1	.1	.1	.1	.1	.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ICH	.2	.2	.2	.2	.2	.2	.2	.2	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3
IND	3.1	3.4	3.7	4.0	4.4	4.8	4.8	4.8	4.8	5.3	5.5	5.8	6.0	6.2	6.4	6.7	6.9	7.1	7.3	7.6	7.8	8.0
MDE	10.3	10.3	10.3	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.6	9.6	9.6	9.7	9.7	9.8	9.8	9.8	9.9	9.9	10.0	10.0
SUW	132.3	131.8	131.3	130.1	128.8	131.7	135.8	134.5	134.5	133.3	132.1	130.9	129.7	128.5	127.3	126.2	125.1	123.9	122.8	121.8	120.7	119.6
SUE	39.8	39.8	39.4	39.7	39.1	40.4	43.1	43.5	43.5	43.9	44.3	44.8	45.2	45.6	46.0	46.5	46.9	47.4	47.8	48.3	48.7	49.2
AFE	1.0	.9	1.0	.8	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.8
AFN	.2	.3	.4	.5	.4	.6	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4
AFS	4.0	4.1	4.0	3.7	3.9	3.9	3.9	3.5	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6
AFW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AUS	2.7	2.9	2.8	2.5	2.8	3.4	3.5	3.5	3.5	3.6	3.7	3.8	4.0	4.1	4.2	4.3	4.4	4.5	4.6	4.7	4.8	4.9
NWZ	4.4	4.9	5.1	4.7	4.7	5.0	5.4	4.7	4.0	3.9	3.9	3.9	4.0	4.1	4.1	4.1	4.0	4.0	4.1	4.1	4.1	4.1
OCN	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT	663.4	628.1	621.2	679.6	688.9	699.6	726.2	755.3	755.3	757.1	760.0	761.8	762.8	763.0	762.9	765.7	768.3	770.9	773.5	776.0	778.7	781.2

LOW DEMAND IN JAPAN AND CHINA (13 November 1989)

EXPORTS, CONIFEROUS SAWLOGS (million cubic meters)

	HISTORY								FORECAST													
REG	1980	1981	1982	1983	1984	1985	1986	1987	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
WST	13.2	9.9	12.8	13.0	13.9	15.0	13.9	15.8	16.4	15.8	13.8	12.1	10.5	9.4	7.4	6.6	5.8	5.0	4.3	3.5	2.7	1.8
EST	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
INT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ASK	.8	.7	1.2	1.3	1.2	1.5	1.7	2.3	2.3	2.2	2.2	2.2	2.1	2.1	2.1	2.1	2.1	2.1	2.0	2.0	2.0	2.0
CAL	.2	.1	.1	.2	.2	.3	.1	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2
USS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
USN	1.6	1.2	1.6	.2	2.0	2.0	1.9	1.6	1.5	1.6	1.7	1.8	1.9	1.9	2.0	2.0	2.0	2.1	2.2	2.2	2.3	2.3
CBC	1.2	.9	1.3	2.4	3.5	2.7	2.8	3.7	3.4	3.0	2.9	2.8	2.7	2.6	2.5	2.4	2.3	2.2	2.1	2.0	2.0	2.0
CIN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CEA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CAM	.0	.0	.0	.0	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
BRA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SAN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CHI	1.0	.4	.9	1.0	.9	1.3	1.0	1.3	2.6	3.0	3.8	4.5	4.6	3.1	3.4	4.2	5.0	5.8	6.5	7.0	7.4	7.9
SAS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
FIN	.7	.7	.3	.4	.4	.5	.3	.3	0.0	.4	.4	.5	.2	.5	0.0	0.0	0.0	0.0	0.0	.2	.3	.3
SWE	.2	.2	.1	.2	.2	.2	.2	.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
EUW	2.1	1.8	2.0	2.0	2.2	2.6	2.4	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
EUE	.9	.6	.8	.4	.4	.5	.5	.6	.5	.5	.5	.5	.5	.5	.4	.4	.4	.4	.4	.3	.3	.3
JPN	.0	.0	.0	.0	.0	.0	.0	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
KOR	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CHN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
THK	.0	.0	.0	.0	.0	.0	.0	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IDN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PHL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PNG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ICH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IND	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MDE	.0	.0	.0	.0	.0	.0	.0	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUW	1.4	1.3	1.1	1.1	1.3	1.2	1.3	1.5	1.5	1.4	1.5	1.5	1.6	1.6	1.7	1.8	1.8	1.9	1.9	2.0	2.0	2.1
SUE	5.0	4.7	5.0	6.1	6.2	6.4	7.7	7.3	7.3	7.3	7.4	7.5	7.6	7.6	7.7	7.8	7.9	7.9	8.0	8.1	8.2	8.2
AFE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AFN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AFS	.0	.0	.0	.0	.0	.0	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AFW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AUS	.0	.0	.0	.0	.0	.0	.0	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NWZ	1.3	.9	.5	.5	.5	.4	.4	.4	.6	1.2	1.2	1.4	1.5	1.4	1.5	2.0	2.5	2.8	3.1	3.5	4.1	4.7
OCN	.0	.0	.0	.0	.0	.0	.0	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2
TOT	29.4	23.6	27.8	28.8	33.1	34.6	34.5	37.6	36.4	36.8	35.7	35.0	33.5	31.0	29.1	29.6	30.1	30.5	30.8	31.1	31.5	32.0

LOW DEMAND IN JAPAN AND CHINA (13 November 1989)

IMPORTS, CONIFEROUS SAWLOGS (million cubic meters)

	HISTORY								FORECAST													
REG	1980	1981	1982	1983	1984	1985	1986	1987	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
WST	.3	.2	.3	.4	.3	.2	.1	.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
EST	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
INT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ASK	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CAL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
USS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
USN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CBC	.0	.0	.0	.0	.1	.3	.5	.5	.3	.3	.3	.3	.3	.3	.3	.4	.4	.4	.4	.4	.4	.4
CIN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CEA	1.4	1.0	1.3	1.5	1.8	1.8	1.6	1.4	1.5	1.6	1.7	1.8	1.9	1.9	2.0	2.0	2.0	2.1	2.2	2.2	2.3	2.3
CAM	.1	.1	.0	.1	.0	.0	.0	.0	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
BRA	0.0	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SAN	.0	.1	.1	.1	.0	.0	.0	.0	0.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.1	.1	.1	.1
CHI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SAS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
FIN	.6	.5	.6	.5	.6	.6	.5	.5	.7	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2
SWE	.5	.4	.4	.3	.4	.5	.6	.8	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2
EUW	3.9	3.6	3.6	3.6	3.4	3.6	3.3	3.3	3.2	1.6	1.5	2.2	2.9	2.9	3.8	4.1	4.5	4.8	5.0	5.2	5.5	5.8
EUE	1.0	.9	.4	.6	.6	.6	.7	.6	.6	.7	.7	.8	.8	.9	.9	1.0	1.1	1.1	1.2	1.2	1.3	1.4
JPN	20.0	15.3	16.3	16.5	15.8	16.7	17.9	20.5	22.5	24.2	22.6	20.5	17.8	14.7	11.4	11.1	10.7	10.3	9.9	9.5	9.2	8.8
KOR	1.5	1.2	1.5	2.1	2.1	2.2	2.4	2.8	2.5	2.5	2.6	2.7	2.8	2.9	3.0	3.1	3.2	3.3	3.4	3.5	3.6	3.7
CHN	.6	1.0	3.0	5.3	6.7	7.5	5.9	5.7	4.2	4.7	5.1	5.5	5.8	6.0	6.3	6.5	6.8	7.0	7.2	7.4	7.6	7.8
THK	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
MAE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IDN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PHL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PNG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ICH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IND	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MDE	.1	.1	.1	.1	.1	.2	.2	.4	.3	.4	.4	.5	.5	.5	.6	.6	.7	.7	.7	.8	.8	.9
SUW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AFE	.0	.0	.0	.0	.0	.0	.0	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AFN	.2	.2	.3	.4	.4	.5	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3
AFS	0.0	.0	.0	.0	.0	.0	.0	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AFW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AUS	0.0	0.0	0.0	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NWZ	.0	.0	.0	.0	.0	.0	.0	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
OCN	.0	.0	.0	.0	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOT	30.3	24.7	28.2	31.6	32.3	34.7	34.0	37.2	36.4	36.8	35.7	35.0	33.5	31.0	29.1	29.6	30.1	30.5	30.8	31.1	31.5	32.0

LOW DEMAND IN JAPAN AND CHINA (13 November 1989)

PRICES, CONIFEROUS SAWLOGS (1980 USD/cubic meter)

	HISTORY								FORECAST													
REG	1980	1981	1982	1983	1984	1985	1986	1987	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
WSV	56.3	52.8	42.3	41.8	40.4	38.1	40.4	43.5	43.2	44.4	44.7	44.3	43.9	44.0	43.5	43.5	43.4	43.5	43.5	43.6	43.6	43.6
WSB	56.3	52.8	42.3	41.8	40.4	38.1	40.4	43.5	43.2	44.4	44.7	44.3	43.9	44.0	43.5	43.5	43.4	43.5	43.5	43.6	43.6	43.6
ESV	44.4	38.0	32.7	38.3	34.0	35.9	37.3	39.2	38.8	41.7	42.2	42.2	41.9	41.8	41.5	41.4	41.2	41.2	41.2	41.2	41.4	41.5
ESB	44.4	38.0	32.7	38.3	34.0	35.9	37.3	39.2	38.8	41.7	42.2	42.2	41.9	41.8	41.5	41.4	41.2	41.2	41.2	41.2	41.4	41.5
INV	40.6	35.8	30.5	34.7	32.0	31.1	32.8	34.5	34.3	37.4	38.8	39.3	39.3	39.0	38.7	38.6	38.6	38.8	39.0	39.3	39.7	40.0
INB	40.6	35.8	30.5	34.7	32.0	31.1	32.8	34.5	34.3	37.4	38.8	39.3	39.3	39.0	38.7	38.6	38.6	38.8	39.0	39.3	39.7	40.0
ASK	106.5	88.1	85.9	75.5	68.7	67.4	71.3	82.5	82.2	83.4	83.7	83.3	82.9	83.0	82.5	82.5	82.4	82.5	82.5	82.6	82.6	82.6
CAL	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
USS	32.6	31.0	28.6	33.0	33.3	29.9	30.1	30.6	32.1	33.1	34.1	35.0	35.7	36.4	37.0	37.5	38.0	38.4	38.8	39.1	39.5	39.8
USN	27.7	26.3	27.6	27.1	24.0	27.9	26.9	30.0	30.1	30.2	30.6	30.8	31.0	31.2	31.4	31.6	31.8	32.1	32.3	32.6	32.9	33.2
CBC	42.5	35.7	34.8	36.5	32.8	30.6	30.5	34.2	35.0	34.6	34.6	34.5	34.4	34.3	34.3	34.2	34.1	34.1	34.0	33.9	33.9	33.9
CIN	20.7	17.9	17.3	18.5	17.2	16.5	17.6	17.6	18.0	17.9	18.0	18.0	18.1	18.8	19.3	19.3	19.4	19.4	19.4	19.4	19.4	19.3
CEA	22.9	22.3	19.3	25.4	24.0	23.7	23.6	25.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.2	26.3	26.4	26.5	26.6	26.7	26.8
CAM	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	49.7	50.9	51.2	50.8	50.4	50.5	50.0	50.0	49.9	50.0	50.0	50.1	50.1	50.1
BRA																						
SAN																						
CHI	25.2	19.1	18.8	13.8	13.7	14.4	14.4	16.3	16.2	17.2	17.5	17.1	16.7	16.8	16.3	16.3	16.2	16.3	16.3	16.4	16.4	16.4
SAS																						
FIN	51.5	43.7	36.3	34.7	35.0	33.7	40.6	44.4	44.5	45.0	45.1	45.0	44.8	44.9	44.5	44.5	44.5	44.4	44.4	44.5	44.5	44.5
SWE	67.8	47.9	39.5	38.0	40.6	40.3	50.9	60.1	54.7	53.3	53.4	53.3	53.2	53.0	53.3	53.5	53.7	53.9	54.1	54.3	54.5	54.6
EUW	91.3	70.7	60.9	50.0	47.4	42.8	61.3	65.0	64.9	65.9	66.2	65.8	65.4	65.5	65.0	65.0	64.9	65.0	65.0	65.1	65.1	65.1
EUE	63.4	61.9	61.5	62.0	59.2	58.6	60.8	62.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
JPN	178.9	142.8	120.1	113.2	105.4	104.8	138.8	167.3	167.1	168.3	168.6	168.2	167.8	167.9	167.4	167.4	167.3	167.4	167.4	167.5	167.4	167.4
KOR	159.4	108.0	103.9	85.4	105.9	77.6	81.0	101.9	101.6	102.8	103.1	102.7	102.3	102.4	101.9	101.9	101.8	101.9	101.9	102.0	102.0	102.0
CHN	47.0	80.0	80.0	81.0	82.0	82.0	82.0	82.0	81.7	82.9	83.2	82.8	82.4	82.5	82.0	82.0	81.9	82.0	82.0	82.1	82.1	82.1
THK	230.5	212.3	178.5	163.6	146.6	127.8	130.7	203.4	203.4	204.6	204.9	204.5	204.1	204.2	203.7	203.7	203.6	203.7	203.7	203.8	203.8	203.8
MAE																						
MAW																						
IDN																						
PHL																						
PNG																						
ICH																						
IND																						
MDE	0.0	0.0	0.0	0.0	112.0	112.0	118.0	118.0	117.7	118.6	118.7	118.6	118.4	118.5	118.0	118.0	117.9	118.0	118.0	118.1	118.1	118.1
SUW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	50.0	49.8	50.3	50.4	50.3	50.1	50.2	49.8	49.8	49.8	49.7	49.7	49.8	49.8	49.8
SUE	50.0	39.2	31.5	30.2	28.3	28.4	33.3	30.4	30.2	31.4	31.7	31.3	30.9	31.0	30.5	30.5	30.4	30.5	30.5	30.6	30.5	30.5
AFE																						
AFN	174.3	181.6	157.5	132.7	135.1	128.9	119.7	125.0	124.7	125.3	125.4	125.3	125.1	125.2	124.8	124.8	124.8	124.7	124.7	124.8	124.8	124.8
AFS																						
AFW																						
AUS																						
NWZ	15.2	13.8	14.1	14.0	14.1	14.9	21.9	26.9	26.7	27.9	28.2	27.8	27.4	27.5	27.0	27.0	26.9	27.0	27.0	27.1	27.0	27.0
OCN	117.0	73.0	72.0	50.0	55.0	45.0	45.0	45.0	44.8	46.0	46.3	45.9	45.5	45.6	45.1	45.1	45.0	45.1	45.1	45.2	45.1	45.1
AVE	53.2	45.3	39.6	38.2	36.5	34.3	39.6	42.3	42.3	43.3	43.7	43.7	43.8	44.2	44.2	44.3	44.4	44.6	44.7	44.9	45.0	45.1
FWA	50.2	42.7	37.1	37.2	35.6	33.9	39.0	42.3	42.4	43.3	43.7	43.8	43.7	43.9	43.9	44.0	44.1	44.2	44.3	44.5	44.6	44.7

LOW DEMAND IN JAPAN AND CHINA (13 November 1989)

PRODUCTION, CONIFEROUS SAWNWOOD (million cubic meters)

	HISTORY								FORECAST													
REG	1980	1981	1982	1983	1984	1985	1986	1987	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
WST	11.3	10.4	9.5	13.2	13.8	13.3	15.5	17.1	16.0	15.4	15.3	15.4	15.6	15.7	15.9	16.0	16.2	16.4	16.7	16.9	17.2	17.5
EST	3.6	3.5	3.4	4.1	4.3	4.3	4.8	5.3	5.4	4.9	4.8	4.7	4.7	4.7	4.7	4.7	4.8	4.8	4.8	4.9	4.9	4.9
INT	9.2	8.5	7.9	10.1	10.8	11.3	12.8	13.9	13.5	13.4	13.5	13.5	13.5	13.7	13.9	14.0	14.2	14.4	14.6	14.8	15.0	15.2
ASK	.6	.5	.4	.3	.3	.2	.3	.3	.3	.3	.3	.4	.4	.4	.4	.4	.4	.4	.5	.5	.5	.5
CAL	2.7	2.4	2.2	2.7	2.8	2.9	3.4	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7
USS	13.6	14.0	14.5	16.9	17.7	17.8	19.4	20.6	21.3	22.1	23.0	23.6	24.1	24.5	24.8	25.1	25.2	25.4	25.4	25.5	25.5	25.5
USN	3.3	2.3	2.2	2.6	2.5	2.5	2.8	3.0	3.1	3.1	3.3	3.4	3.4	3.5	3.6	3.7	3.8	3.9	4.1	4.2	4.3	4.4
CBC	7.6	6.2	5.7	7.4	7.0	7.2	6.7	8.4	8.3	8.3	8.3	8.3	8.4	8.5	8.5	8.6	8.6	8.7	8.7	8.8	8.9	8.9
CIN	14.0	13.0	12.8	16.4	16.9	18.5	18.0	20.9	21.5	21.5	21.7	21.9	22.1	22.1	22.1	22.2	22.3	22.5	22.6	22.7	22.9	23.1
CEA	8.6	8.0	7.1	9.2	9.6	10.8	12.8	13.1	13.4	13.5	13.7	13.9	14.0	14.3	14.5	14.7	15.0	15.2	15.5	15.8	16.1	16.4
CAM	2.4	2.3	2.1	2.2	2.3	2.5	2.4	2.5	2.5	2.6	2.6	2.6	2.6	2.6	2.7	2.7	2.7	2.7	2.7	2.8	2.8	2.8
BRA	7.1	7.5	7.8	8.1	8.4	8.4	8.4	8.4	8.4	8.5	8.7	8.8	9.0	9.2	9.3	9.5	9.7	9.8	10.0	10.2	10.3	10.5
SAN	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.1	.1
CHI	1.9	1.5	1.0	1.4	1.7	1.9	1.8	2.3	1.6	1.6	1.7	1.7	1.8	1.9	2.0	2.1	2.1	2.2	2.3	2.4	2.4	2.5
SAS	.2	.2	.3	.3	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.3
FIN	10.2	8.2	7.2	7.9	8.1	7.2	7.0	7.5	7.8	7.8	8.0	8.0	8.1	8.1	8.2	8.3	8.4	8.4	8.5	8.5	8.6	8.6
SWE	11.0	10.1	10.7	11.9	12.1	11.3	11.4	11.2	10.5	10.5	10.4	10.3	10.2	10.0	9.9	9.7	9.6	9.4	9.2	9.0	8.9	8.7
EUW	33.6	32.1	31.9	32.8	33.2	33.4	33.7	33.9	35.2	35.5	36.0	36.6	37.2	37.7	38.4	39.0	39.6	40.1	40.7	41.2	41.8	42.4
EUE	15.5	15.0	14.9	15.4	15.4	15.2	14.7	14.4	14.4	14.5	14.6	14.6	14.7	14.8	14.8	14.9	15.0	15.0	15.1	15.2	15.2	15.3
JPN	30.4	27.0	26.4	25.6	25.0	25.2	25.9	27.2	27.3	28.7	27.6	26.2	24.4	22.3	20.2	20.0	19.8	19.7	19.5	19.3	19.1	19.0
KOR	1.4	1.3	1.5	2.0	1.9	2.0	2.4	2.8	2.3	2.3	2.4	2.4	2.5	2.5	2.6	2.7	2.7	2.8	2.9	2.9	3.0	3.1
CHN	13.1	13.5	14.4	15.1	16.8	17.7	17.3	18.0	18.0	18.3	18.6	18.9	19.2	19.5	19.8	20.1	20.4	20.7	21.0	21.3	21.6	21.9
THK	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
MAE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IDN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PHL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PNG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ICH	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
IND	1.5	1.7	1.8	2.0	2.2	2.4	2.4	2.4	2.4	2.7	2.8	2.9	3.0	3.1	3.2	3.3	3.4	3.6	3.7	3.8	3.9	4.0
MDE	4.1	4.1	4.1	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.9	3.9	3.9	3.9	3.9	3.9	4.0	4.0	4.0	4.0
SUW	66.1	65.9	65.6	65.1	64.4	65.9	67.9	67.3	67.3	66.6	66.0	65.4	64.8	64.3	63.7	63.1	62.5	62.0	61.4	60.9	60.3	59.8
SUE	19.9	19.9	19.7	19.8	19.6	20.2	21.6	21.8	21.8	22.0	22.2	22.4	22.6	22.8	23.0	23.2	23.5	23.7	23.9	24.1	24.4	24.6
AFE	.3	.4	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3
AFN	.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
AFS	1.5	1.7	1.5	1.5	1.5	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.5
AFW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AUS	1.1	1.2	1.2	1.0	1.1	1.2	1.2	1.2	1.2	1.3	1.3	1.4	1.5	1.5	1.6	1.6	1.7	1.8	1.8	1.9	1.9	2.0
NWZ	2.0	2.1	2.2	2.1	2.1	2.3	2.4	2.1	1.7	1.7	1.7	1.7	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.9	1.9
OCN	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT	298.3	284.9	280.6	301.7	306.2	311.6	323.0	335.3	334.9	336.8	338.1	339.0	339.4	339.4	339.5	341.5	343.4	345.4	347.4	349.4	351.5	353.6

LOW DEMAND IN JAPAN AND CHINA (13 November 1989)

CONSUMPTION, CONIFEROUS SAWNWOOD (million cubic meters)

	HISTORY								FORECAST													
REG	1980	1981	1982	1983	1984	1985	1986	1987	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
USW	18.8	17.5	15.8	21.7	23.7	24.6	25.8	27.7	27.2	27.1	27.8	28.3	28.6	28.9	29.3	29.6	30.0	30.3	30.6	30.9	31.3	31.6
USS	17.6	17.5	18.9	24.0	24.6	24.1	25.5	26.0	25.9	25.5	25.7	25.7	25.8	25.9	26.0	26.0	26.1	26.1	26.2	26.2	26.3	26.3
USN	19.6	17.4	16.9	20.6	21.6	23.5	26.3	28.4	28.3	27.6	27.7	27.6	27.5	27.4	27.3	27.2	27.0	26.9	26.8	26.7	26.6	26.5
CAN	10.6	9.6	7.1	10.0	9.3	10.9	12.9	15.7	15.6	15.8	15.9	16.1	16.2	16.3	16.5	16.6	16.8	16.9	17.0	17.2	17.3	17.4
CAM	3.6	3.4	2.9	3.2	3.5	3.6	3.4	3.4	3.4	3.5	3.5	3.6	3.6	3.6	3.7	3.7	3.8	3.8	3.9	3.9	4.0	4.0
BRA	7.0	7.3	7.6	8.0	8.3	8.3	8.3	8.3	8.4	8.5	8.7	8.8	9.0	9.2	9.3	9.5	9.7	9.8	10.0	10.2	10.3	10.5
SAN	.3	.2	.2	.1	.1	.0	.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	.2	.2	.2
CHI	.7	.6	.4	.7	.9	1.2	.9	1.3	1.3	1.4	1.4	1.5	1.6	1.7	1.7	1.8	1.9	2.0	2.0	2.1	2.2	2.3
SAS	.7	.6	.5	.6	.5	.3	.4	.4	.4	.4	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5
FIN	3.3	2.8	2.7	3.0	3.3	2.4	2.5	2.6	2.6	2.6	2.6	2.7	2.7	2.7	2.8	2.8	2.8	2.8	2.9	2.9	2.9	2.9
SWE	5.3	4.6	3.3	3.5	4.2	3.5	3.7	3.8	3.8	3.9	3.9	4.0	4.0	4.0	4.1	4.1	4.2	4.2	4.3	4.3	4.3	4.4
EUW	51.9	47.3	48.3	49.3	48.5	48.2	51.6	53.1	52.9	53.7	54.4	55.2	56.0	56.7	57.5	58.2	59.0	59.8	60.5	61.3	62.1	62.9
EUE	15.7	15.3	14.9	15.4	15.9	16.6	15.3	14.6	14.6	15.0	15.1	15.1	15.2	15.3	15.3	15.4	15.5	15.5	15.6	15.7	15.7	15.8
JPN	35.3	30.5	30.6	29.5	28.7	29.3	30.3	33.0	32.2	33.0	31.8	30.4	28.7	26.7	24.6	24.5	24.4	24.3	24.1	24.0	23.9	23.8
KOR	1.1	1.1	1.3	1.8	1.8	1.8	2.2	2.6	2.3	2.3	2.4	2.4	2.5	2.5	2.6	2.7	2.7	2.8	2.9	2.9	3.0	3.1
CHN	13.1	13.6	14.6	15.5	17.2	18.0	17.5	18.1	18.1	18.5	18.8	19.1	19.4	19.7	20.0	20.3	20.6	20.9	21.2	21.5	21.8	22.1
THK	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2
MAE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IDN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PHL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PNG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ICH	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
IND	1.6	1.7	1.9	2.0	2.2	2.4	2.4	2.4	2.4	2.7	2.8	2.9	3.0	3.1	3.2	3.3	3.4	3.6	3.7	3.8	3.9	4.0
MDE	6.5	6.3	6.6	6.4	6.5	5.7	5.3	5.2	5.2	5.4	5.5	5.7	5.8	5.9	6.1	6.2	6.3	6.5	6.6	6.7	6.9	7.0
SUW	59.5	59.5	58.8	58.1	57.6	58.5	60.3	59.8	59.8	59.2	58.7	58.1	57.5	57.0	56.4	55.9	55.4	54.8	54.3	53.8	53.3	52.8
SUE	19.5	19.6	19.4	19.6	19.3	19.9	21.2	21.4	21.4	21.6	21.8	22.0	22.2	22.4	22.6	22.8	23.0	23.2	23.4	23.7	23.9	24.1
AFE	.4	.5	.4	.3	.3	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4
AFN	1.9	2.8	3.2	3.6	3.8	3.9	3.0	3.1	3.1	3.2	3.4	3.5	3.6	3.8	3.9	4.1	4.2	4.4	4.5	4.7	4.8	5.0
AFS	1.4	1.6	1.4	1.4	1.4	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.4	1.4	1.4	1.4	1.4	1.4	1.4
AFW	.0	.0	.0	.0	.0	.0	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AUS	1.8	2.0	2.0	1.7	1.9	2.3	2.2	2.0	2.0	2.1	2.1	2.2	2.2	2.2	2.3	2.3	2.3	2.4	2.4	2.4	2.5	2.5
NWZ	1.4	1.6	1.7	1.7	1.7	1.8	2.0	1.7	1.7	1.7	1.7	1.7	1.7	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
OCN	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
TOT	298.6	285.3	281.5	302.3	307.3	313.2	325.2	337.1	334.9	336.8	338.1	339.0	339.4	339.4	339.5	341.5	343.4	345.4	347.4	349.4	351.5	353.6

LOW DEMAND IN JAPAN AND CHINA (13 November 1989)

EXPORTS, CONIFEROUS SAWNWOOD (million cubic meters)

	HISTORY								FORECAST													
REG	1980	1981	1982	1983	1984	1985	1986	1987	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
WST	3.8	3.3	3.2	4.1	3.8	3.6	4.8	5.8	7.7	10.2	9.4	9.0	8.9	8.8	8.9	8.9	9.0	9.1	9.2	9.4	9.6	9.7
EST	1.5	1.4	1.4	1.7	1.7	1.7	2.1	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
INT	4.0	3.7	3.5	4.3	4.3	4.5	5.7	6.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ASK	.6	.5	.4	.3	.3	.2	.3	.3	.3	.3	.3	.4	.4	.4	.4	.4	.4	.4	.5	.5	.5	.5
CAL	.8	.8	.6	.7	.8	.8	.9	1.0	3.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
USS	3.6	3.3	3.3	2.9	3.3	3.7	4.2	4.5	.0	.0	.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
USN	.3	.4	.2	.3	.3	.2	.3	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4
CBC	6.4	4.9	4.8	5.5	5.3	5.4	5.3	6.3	8.3	8.3	8.3	8.3	8.4	8.5	8.5	8.6	8.6	8.7	8.7	8.8	8.9	8.9
CIN	9.3	7.8	8.1	11.6	11.5	13.4	13.0	15.7	19.7	19.6	20.0	20.1	20.4	20.5	20.6	20.8	21.0	21.2	21.5	21.8	22.1	22.5
CEA	4.6	5.8	6.0	6.9	8.1	7.3	7.1	5.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CAM	.3	.3	.4	.3	.3	.2	.2	.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
BRA	.2	.1	.1	.1	.1	.1	.1	.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SAN	.0	.0	.0	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CHI	1.3	.8	.6	.7	.9	.7	.8	1.0	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3
SAS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
FIN	6.9	5.4	4.6	4.9	4.8	4.9	4.5	4.9	5.2	5.2	5.3	5.4	5.4	5.4	5.5	5.5	5.5	5.6	5.6	5.6	5.7	5.7
SWE	5.9	5.6	7.5	8.4	8.0	7.9	7.7	7.5	6.7	6.6	6.5	6.3	6.1	6.0	5.8	5.6	5.4	5.2	5.0	4.7	4.5	4.3
EUW	7.0	6.1	6.3	7.3	7.6	6.9	6.9	6.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
EUE	2.4	2.4	2.4	2.5	2.4	2.1	2.3	2.3	2.3	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
JPN	.0	.0	.0	.0	.0	.0	.0	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
KOR	.4	.2	.2	.1	.2	.2	.2	.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CHN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
THK	.0	.0	.0	.0	.0	.0	.0	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IDN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PHL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PNG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ICH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IND	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MDE	.1	.1	.1	.1	.1	.1	.0	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUW	6.6	6.4	6.8	7.0	6.8	7.4	7.6	7.4	7.4	7.4	7.4	7.3	7.3	7.3	7.2	7.2	7.2	7.1	7.1	7.1	7.0	7.0
SUE	.3	.3	.3	.2	.3	.3	.3	.3	.3	.3	.3	.4	.4	.4	.4	.4	.4	.4	.5	.5	.5	.5
AFE	.0	.0	.0	.0	.0	.0	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AFN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AFS	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
AFW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AUS	.0	.0	.0	.0	.0	.0	.0	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NWZ	.6	.5	.5	.4	.4	.5	.4	.3	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
OCN	.0	.0	.0	.0	.0	.0	.0	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOT	67.1	60.6	61.5	70.6	71.3	71.9	75.0	80.1	62.7	60.9	60.5	60.2	60.1	60.1	60.1	60.3	60.4	60.7	61.0	61.3	61.7	62.1

LOW DEMAND IN JAPAN AND CHINA (13 November 1989)

IMPORTS, CONIFEROUS SAWNWOOD (million cubic meters)

	HISTORY								FORECAST													
REG	1980	1981	1982	1983	1984	1985	1986	1987	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
USW	2.1	1.9	1.7	2.4	2.7	3.3	2.8	3.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
USS	7.6	6.9	7.6	10.0	10.2	10.1	10.3	9.9	4.7	3.4	2.8	2.2	1.8	1.4	1.2	1.0	.9	.9	.8	.8	.8	.9
USN	16.5	15.5	14.8	18.4	19.4	21.2	23.8	25.8	25.6	24.9	24.9	24.6	24.5	24.3	24.1	23.9	23.6	23.4	23.2	23.0	22.7	22.5
CAN	.8	1.0	.5	.9	.7	.6	.7	.9	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4
CAM	1.5	1.4	1.1	1.3	1.5	1.3	1.3	1.1	.9	.9	.9	1.0	1.0	1.0	1.0	1.1	1.1	1.1	1.1	1.2	1.2	1.2
BRA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SAN	.2	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
CHI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SAS	.5	.3	.2	.2	.3	.2	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3
FIN	.0	.0	.0	.0	.0	.0	.0	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SWE	.2	.1	.1	.1	.1	.1	.1	.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
EUW	25.3	21.4	22.7	23.8	22.9	21.7	24.8	26.1	17.7	18.3	18.4	18.5	18.8	19.0	19.1	19.3	19.4	19.6	19.8	20.1	20.3	20.5
EUE	2.5	2.8	2.4	2.5	2.8	3.5	2.9	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
JPN	4.9	3.4	4.2	3.9	3.7	4.1	4.5	5.9	4.9	4.3	4.1	4.2	4.3	4.3	4.4	4.5	4.5	4.6	4.7	4.7	4.8	4.9
KOR	.0	.0	.0	.0	.0	.0	.0	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CHN	0.0	.2	.1	.4	.3	.3	.2	.1	.1	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2
THK	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
MAE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IDN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PHL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PNG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ICH	.0	.0	.0	.0	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IND	.1	.0	.0	.0	.0	.0	.0	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MDE	2.4	2.3	2.6	2.7	2.8	2.0	1.5	1.5	1.4	1.6	1.7	1.8	1.9	2.1	2.2	2.3	2.4	2.5	2.6	2.8	2.9	3.0
SUW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AFE	.0	.1	.1	.0	.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
AFN	1.8	2.7	3.1	3.5	3.7	3.8	2.9	3.0	3.0	3.1	3.3	3.4	3.5	3.7	3.8	4.0	4.1	4.3	4.4	4.6	4.7	4.9
AFS	.0	.0	.0	.0	.0	.0	.0	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AFW	.0	.0	.0	.0	.0	.0	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AUS	.7	.8	.9	.6	.8	1.1	1.0	.8	.8	.8	.8	.8	.7	.7	.7	.7	.6	.6	.6	.6	.5	.5
NWZ	.0	.0	.0	.0	.0	.0	.0	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
OCN	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
TOT	67.4	61.1	62.4	71.1	72.4	73.5	77.3	81.8	62.7	60.9	60.5	60.2	60.1	60.1	60.1	60.3	60.4	60.7	61.0	61.3	61.7	62.1

LOW DEMAND IN JAPAN AND CHINA (13 November 1989)

PRICES, CONIFEROUS SAWNWOOD (1980 USD/cubic meter)

	HISTORY								FORECAST													
REG	1980	1981	1982	1983	1984	1985	1986	1987	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
WSV	155.0	125.3	104.8	114.8	108.6	108.9	112.4	119.0	120.9	119.2	119.1	118.3	117.5	117.2	116.6	116.3	115.9	115.7	115.5	115.3	115.1	114.9
WSB																						
ESV	173.7	162.0	137.7	170.5	157.7	156.6	172.9	176.3	178.3	176.6	176.5	175.7	174.9	174.6	174.0	173.7	173.3	173.1	172.9	172.7	172.5	172.3
ESB																						
INV	148.4	136.1	113.2	142.7	130.6	130.8	142.9	146.3	147.2	145.5	145.4	144.6	143.8	143.5	142.9	142.6	142.2	142.0	141.8	141.6	141.4	141.2
INB																						
ASK	0.0	0.0	0.0	0.0	0.0	0.0	0.0	160.0	161.8	160.1	126.6	115.0	108.9	106.4	105.0	107.0	109.0	111.2	113.3	115.6	117.6	119.6
CAL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	120.0	121.9	120.2	120.1	119.3	118.5	118.2	117.6	117.3	116.9	116.7	116.5	116.3	116.1	115.9
USS	126.4	108.2	111.7	130.6	118.8	111.7	116.7	134.2	136.4	134.7	134.6	133.8	133.0	132.7	132.1	131.8	131.4	131.2	131.0	130.8	130.6	130.4
USN	109.6	107.6	94.7	117.5	105.4	103.9	111.3	119.5	121.4	119.7	119.6	118.8	118.0	117.7	117.1	116.8	116.4	116.2	116.0	115.8	115.6	115.4
CBC	100.0	84.0	71.5	92.1	76.1	84.2	89.2	95.7	97.5	95.8	95.7	94.9	94.1	93.8	93.2	92.9	92.5	92.3	92.1	91.9	91.7	91.5
CIN	92.8	79.0	69.5	90.6	73.7	73.6	91.1	100.7	102.5	100.8	100.7	99.9	99.1	98.8	98.2	97.9	97.5	97.3	97.1	96.9	96.7	96.5
CEA	100.6	98.7	86.8	107.8	96.7	95.3	102.0	114.3	116.4	114.7	114.6	113.8	113.0	112.7	112.1	111.8	111.4	111.2	111.0	110.8	110.6	110.4
CAM	0.0	0.0	0.0	0.0	0.0	0.0	0.0	118.7	120.5	118.8	118.7	117.9	117.1	116.8	116.2	115.9	115.5	115.3	115.1	114.9	114.7	114.5
BRA																						
SAN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	157.0	159.1	157.4	157.3	156.5	155.7	155.4	154.8	154.5	154.1	153.9	153.7	153.5	153.3	153.1
CHI	100.3	94.1	70.8	54.3	50.2	48.9	51.8	57.9	64.5	66.2	66.3	65.0	63.2	60.7	59.1	58.1	57.0	56.1	56.7	55.9	55.1	54.3
SAS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	80.9	87.5	89.2	89.3	88.0	86.2	83.7	82.1	81.1	80.0	79.1	79.7	78.9	78.1	77.3
FIN	167.2	154.7	128.0	126.4	128.9	115.2	143.4	165.4	167.2	165.5	165.4	164.6	163.8	163.5	162.9	162.6	162.2	162.0	161.8	161.6	161.4	161.2
SWE	217.9	168.2	130.9	126.5	127.8	117.2	147.1	177.3	179.1	177.4	177.3	176.5	175.7	175.4	174.8	174.5	174.1	173.9	173.7	173.5	173.3	173.2
EUW	217.6	165.3	153.6	131.5	127.1	119.3	143.7	153.0	154.8	153.1	153.0	152.2	151.4	151.1	150.5	150.2	149.8	149.6	149.4	149.2	149.0	148.8
EUE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	146.1	148.0	146.3	146.2	145.4	144.6	144.3	143.7	143.4	143.0	142.8	142.6	142.4	142.2	142.0
JPN	320.6	247.0	214.3	207.8	191.2	194.5	272.7	361.3	363.1	361.4	327.9	316.3	310.2	307.7	306.3	308.3	310.3	312.5	314.6	316.9	318.9	320.9
KOR	251.7	206.3	188.4	188.6	167.7	165.1	170.9	185.9	201.7	205.3	207.7	209.4	210.7	212.0	212.3	213.3	214.1	214.9	215.6	216.4	217.1	217.7
CHN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	143.9	145.7	144.0	143.9	143.1	142.3	142.0	141.4	141.1	140.7	140.5	140.3	140.1	139.9	139.7
THK	0.0	0.0	0.0	0.0	0.0	0.0	0.0	224.8	226.7	225.0	224.9	224.1	223.3	223.0	222.4	222.1	221.7	221.5	221.3	221.1	220.9	220.7
MAE																						
MAW																						
IDN																						
PHL																						
PNG																						
ICH																						
IND																						
MDE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	179.9	181.6	179.9	179.8	179.0	178.2	177.9	177.3	177.0	176.6	176.4	176.2	176.0	175.8	175.6
SUW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	113.3	115.1	113.4	113.3	112.5	111.7	111.4	110.8	110.5	110.1	109.9	109.7	109.5	109.3	109.1
SUE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	113.3	115.1	113.4	79.9	68.3	62.2	59.7	58.3	60.3	62.3	64.5	66.6	68.9	70.9	72.9
AFE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	150.0	152.1	152.1	152.1	152.1	152.1	152.1	152.1	152.1	152.1	152.1	152.1	152.1	152.1	152.1
AFN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	215.8	217.5	215.8	215.7	214.9	214.1	213.8	213.2	212.9	212.5	212.3	212.1	211.9	211.7	211.6
AFS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	107.9	110.0	110.0	110.0	110.0	110.0	110.0	110.0	110.0	110.0	110.0	110.0	110.0	110.0	110.0
AFW																						
AUS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	152.9	154.7	153.0	152.9	152.1	151.3	151.0	150.4	150.1	149.7	149.5	149.3	149.1	148.9	148.7
NWZ	114.2	116.3	108.4	97.5	99.2	108.8	128.3	140.9	153.0	157.0	159.3	160.2	160.6	153.6	153.9	154.6	162.7	163.4	164.0	164.5	164.5	164.3
OCN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	157.4	169.5	173.5	175.8	176.7	177.1	170.1	170.4	171.1	179.2	179.9	180.5	181.0	181.0	180.8
AVE	189.7	153.4	135.9	135.2	125.2	121.7	146.1	167.5	170.0	169.8	163.4	159.7	156.5	153.9	151.3	150.9	150.6	150.3	149.9	149.6	149.3	149.0
FWA	177.6	145.2	128.1	133.7	123.7	121.1	144.9	167.5	169.7	168.2	163.4	161.1	159.6	158.9	158.2	158.2	158.3	158.4	158.6	158.7	158.9	159.0

APPENDIX D: HIGH LOG EXPORTS FROM THE EASTERN USSR

TABLE OF CONTENTS

HIGH LOG EXPORTS FROM THE EASTERN USSR (13 November 1989)

PRODUCTION, CONIFEROUS SAWLOGS (million cubic meters)

	HISTORY								FORECAST													
REG	1980	1981	1982	1983	1984	1985	1986	1987	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
WSV	35.6	33.1	35.2	38.9	36.4	35.0	38.3	43.4	42.3	42.7	42.2	40.9	39.7	39.3	38.2	37.3	36.5	35.8	35.1	34.6	34.1	33.6
WSB	14.3	11.5	9.5	16.5	19.4	20.3	22.6	23.3	22.3	19.0	17.7	17.8	18.1	17.9	17.4	17.1	16.9	16.8	16.9	16.9	16.9	16.9
ESV	5.3	5.5	5.6	5.0	4.7	4.4	4.9	6.2	6.1	7.1	7.3	7.3	7.1	7.1	7.0	6.9	6.8	6.7	6.7	6.7	6.7	6.7
ESB	5.5	5.1	4.3	7.4	8.3	8.6	9.4	9.5	9.9	7.3	6.7	6.5	6.5	6.6	6.7	6.8	6.9	7.0	7.1	7.2	7.2	7.3
INV	11.1	10.9	11.2	9.7	12.0	11.2	13.2	15.6	14.7	18.1	19.5	19.9	19.5	19.1	18.7	18.5	18.4	18.4	18.5	18.6	18.8	19.0
INB	14.3	12.7	9.9	17.6	16.6	18.2	19.9	20.1	20.0	16.1	14.8	14.3	14.5	15.3	16.0	16.7	17.2	17.6	17.8	18.0	18.1	18.2
ASK	2.0	1.7	2.0	2.0	1.7	1.9	2.3	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	3.0	3.0	3.0	3.0	3.0
CAL	6.7	6.1	5.3	6.4	6.7	7.0	8.0	8.6	8.5	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6
USS	54.9	57.8	59.3	68.9	71.2	71.9	77.7	81.5	83.8	86.2	88.5	90.0	91.1	92.0	92.4	92.6	92.6	92.4	92.1	91.7	91.3	90.8
USN	11.8	8.3	8.2	8.1	9.8	9.9	10.5	10.9	11.0	11.2	11.6	11.8	12.1	12.4	12.6	12.9	13.1	13.4	13.7	13.9	14.2	14.4
CBC	21.7	16.1	15.5	20.7	20.6	19.9	18.8	23.6	23.4	22.7	22.5	22.4	22.3	22.2	22.1	22.0	21.9	21.8	21.7	21.6	21.6	21.6
CIN	42.0	38.2	38.2	44.3	46.2	50.0	48.6	56.6	58.1	57.8	58.0	58.2	58.4	58.3	58.1	58.1	58.1	58.2	58.2	58.3	58.4	58.5
CEA	29.8	25.1	22.9	29.3	27.2	29.8	35.0	35.9	36.7	36.4	36.7	36.9	37.0	37.2	37.4	37.6	37.9	38.1	38.4	38.6	38.9	39.2
CAM	4.9	5.1	5.2	4.9	5.1	5.6	5.1	5.4	5.4	5.6	5.6	5.7	5.7	5.7	5.8	5.8	5.8	5.9	5.9	6.0	6.0	6.0
BRA	19.9	19.6	20.3	21.2	22.0	22.0	21.3	21.3	21.3	21.6	22.0	22.4	22.8	23.2	23.6	24.0	24.4	24.8	25.2	25.6	26.0	26.3
SAN	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
CHI	4.9	3.4	3.0	4.0	4.5	5.2	4.7	6.2	6.0	6.4	7.3	8.2	8.3	6.9	7.4	8.3	9.1	10.0	10.9	11.4	12.0	12.5
SAS	.3	.4	.6	.7	.4	.4	.4	.4	.4	.4	.4	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5
FIN	23.5	19.4	16.4	18.1	18.9	17.7	16.4	16.2	16.3	17.1	17.5	17.6	17.7	17.9	18.0	18.2	18.3	18.5	18.6	18.8	18.9	19.0
SWE	20.6	19.2	20.3	23.1	23.8	22.2	22.1	21.9	21.0	21.0	20.9	20.6	20.4	20.2	19.9	19.7	19.4	19.1	18.8	18.5	18.1	17.8
EUW	54.4	53.5	53.2	54.5	56.5	55.4	56.3	57.0	56.8	58.8	60.2	60.8	61.4	62.7	63.3	64.0	64.6	65.2	65.7	66.3	66.8	67.3
EUE	25.0	25.0	25.0	26.6	25.4	24.7	23.9	23.8	23.8	23.9	24.0	24.1	24.2	24.3	24.4	24.5	24.6	24.7	24.9	25.0	25.1	25.2
JPN	17.8	16.8	17.3	16.8	16.4	16.4	16.2	16.6	16.6	17.0	17.3	17.6	17.8	18.1	18.4	18.6	18.9	19.1	19.3	19.6	19.8	20.0
KOR	.5	.8	.8	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7
CHN	29.0	26.0	26.5	27.4	32.0	32.7	33.1	33.1	33.1	33.6	34.1	34.7	35.2	35.7	36.3	36.8	37.3	37.9	38.4	38.9	39.5	40.0
THK	.4	.3	.3	.4	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3
MAE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IDN	.6	.3	.3	.4	.4	.3	.4	.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PHL	.1	.1	.1	.1	.1	.1	.0	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PNG	.1	.1	.1	.1	.1	.1	.1	.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ICH	.2	.2	.2	.2	.2	.2	.2	.2	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3
IND	3.1	3.4	3.7	4.0	4.4	4.8	4.8	4.8	4.8	5.3	5.5	5.8	6.0	6.2	6.4	6.7	6.9	7.1	7.3	7.6	7.8	8.0
MDE	10.2	10.2	10.2	9.4	9.4	9.3	9.3	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1
SUW	133.6	133.1	132.3	131.3	130.1	132.9	137.1	136.1	136.1	134.7	133.5	132.4	131.3	130.1	129.0	127.9	126.9	125.8	124.8	123.8	122.7	121.7
SUE	44.7	44.6	44.3	45.8	45.4	46.8	50.8	50.8	50.8	51.7	52.5	53.4	54.3	55.2	56.1	57.1	58.0	58.9	59.8	60.8	61.7	62.6
AFE	.9	.9	.9	.8	.9	.8	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.8
AFN	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
AFS	4.1	4.1	4.0	3.7	3.9	3.9	3.9	3.5	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6
AFW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AUS	2.7	2.9	2.8	2.5	2.8	3.4	3.5	3.5	3.5	3.6	3.7	3.8	4.0	4.1	4.2	4.3	4.4	4.5	4.6	4.7	4.8	4.9
NWZ	5.7	5.7	5.5	5.2	5.2	5.4	5.8	5.1	4.5	5.2	5.1	5.3	5.5	5.4	5.8	6.2	6.6	6.9	7.2	7.5	8.2	8.9
OCN	.1	.0	.0	.0	.0	.1	.0	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2
TOT	662.5	627.1	620.8	676.9	689.8	699.5	726.6	755.7	755.3	757.5	761.9	765.4	768.4	770.5	772.6	775.8	778.8	781.9	784.9	787.9	791.0	794.0

HIGH LOG EXPORTS FROM THE EASTERN USSR (13 November 1989)

CONSUMPTION, CONIFEROUS SAWLOGS (million cubic meters)

	HISTORY								FORECAST													
REG	1980	1981	1982	1983	1984	1985	1986	1987	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
WST	36.9	34.8	32.1	42.8	42.2	40.5	47.1	51.1	48.2	46.0	45.3	45.0	45.0	44.6	44.7	44.6	44.6	44.6	44.8	44.9	45.2	45.5
EST	10.8	10.6	9.9	12.4	12.9	13.0	14.3	15.7	16.0	14.4	14.0	13.7	13.7	13.6	13.7	13.7	13.7	13.8	13.8	13.9	13.9	14.0
INT	25.4	23.6	21.1	27.3	28.6	29.5	33.1	35.7	34.7	34.2	34.3	34.1	34.1	34.4	34.8	35.1	35.5	35.9	36.3	36.6	36.9	37.2
ASK	1.2	.9	.8	.6	.6	.4	.6	.6	.6	.7	.7	.7	.7	.8	.8	.8	.9	.9	.9	.9	1.0	1.0
CAL	6.5	6.0	5.2	6.2	6.5	6.7	7.8	8.4	8.4	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5
USS	54.9	57.8	59.3	68.9	71.2	71.9	77.7	81.5	83.8	86.2	88.5	90.0	91.1	92.0	92.4	92.6	92.6	92.4	92.1	91.7	91.3	90.8
USN	10.2	7.1	6.6	7.9	7.8	7.9	8.6	9.3	9.5	9.6	9.9	10.1	10.3	10.5	10.7	10.9	11.1	11.3	11.5	11.7	11.9	12.1
CBC	20.6	15.2	14.3	18.4	17.2	17.5	16.4	20.5	20.2	20.0	20.0	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	20.0	20.0	20.0
CIN	42.0	38.2	38.2	44.3	46.2	50.0	48.6	56.6	58.1	57.8	58.0	58.2	58.4	58.3	58.1	58.1	58.1	58.2	58.2	58.3	58.4	58.5
CEA	31.2	26.1	24.3	30.8	28.9	31.6	36.7	37.4	38.3	38.1	38.4	38.6	38.8	39.1	39.4	39.6	39.9	40.2	40.5	40.8	41.2	41.5
CAM	5.0	5.1	5.3	4.9	5.2	5.6	5.1	5.4	5.6	5.6	5.7	5.7	5.8	5.8	5.8	5.9	5.9	6.0	6.0	6.1	6.1	6.1
BRA	19.9	19.6	20.3	21.2	22.0	22.0	21.3	21.3	21.3	21.6	22.0	22.4	22.8	23.2	23.6	24.0	24.4	24.8	25.2	25.6	26.0	26.3
SAN	.1	.2	.2	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	.2	.2	.2	.2	.2	.2
CHI	3.9	3.1	2.1	3.0	3.6	4.0	3.7	4.9	3.4	3.4	3.5	3.6	3.7	3.8	3.9	4.0	4.1	4.2	4.3	4.4	4.5	4.6
SAS	.3	.4	.6	.7	.4	.4	.4	.4	.4	.4	.4	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5
FIN	23.5	19.1	16.6	18.2	19.1	17.9	16.6	16.4	17.0	17.0	17.2	17.4	17.4	17.5	17.6	17.8	17.9	18.0	18.1	18.2	18.3	18.4
SWE	21.0	19.4	20.6	23.3	24.0	22.5	22.6	22.6	21.2	21.2	21.0	20.8	20.6	20.4	20.1	19.8	19.6	19.3	19.0	18.6	18.3	18.0
EUW	56.2	55.2	54.8	56.1	57.7	56.4	57.2	57.9	60.0	60.5	61.3	62.1	62.9	63.3	64.1	64.8	65.6	66.3	67.1	67.8	68.7	69.5
EUE	25.1	25.3	24.6	26.9	25.6	24.7	24.0	23.8	23.8	24.0	24.2	24.4	24.6	24.7	24.9	25.1	25.3	25.5	25.7	25.9	26.1	26.2
JPN	37.8	32.0	33.6	33.3	32.2	33.1	34.0	37.1	39.1	41.2	41.0	40.6	39.7	38.5	37.2	37.1	37.0	36.9	36.8	36.7	36.6	36.5
KOR	2.1	1.9	2.3	2.8	2.7	2.9	3.1	3.5	3.1	3.2	3.3	3.3	3.4	3.5	3.6	3.7	3.8	3.9	4.0	4.1	4.2	4.3
CHN	29.6	27.0	29.5	32.7	38.7	40.2	39.0	38.8	37.3	38.7	40.1	41.4	42.6	43.8	44.9	46.1	47.3	48.4	49.6	50.7	51.9	53.0
THK	.4	.4	.3	.4	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3
MAE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IDN	.6	.3	.3	.4	.4	.3	.4	.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PHL	.1	.1	.1	.1	.1	.1	.0	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PNG	.1	.1	.1	.1	.1	.1	.1	.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ICH	.2	.2	.2	.2	.2	.2	.2	.2	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3
IND	3.1	3.4	3.7	4.0	4.4	4.8	4.8	4.8	4.8	5.3	5.5	5.8	6.0	6.2	6.4	6.7	6.9	7.1	7.3	7.6	7.8	8.0
MDE	10.3	10.3	10.3	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.6	9.6	9.6	9.7	9.7	9.8	9.8	9.8	9.9	9.9	10.0	10.0
SUW	132.3	131.8	131.3	130.1	128.8	131.7	135.8	134.5	134.5	133.3	132.1	130.9	129.7	128.5	127.3	126.2	125.1	123.9	122.8	121.8	120.7	119.6
SUE	39.8	39.8	39.4	39.7	39.1	40.4	43.1	43.5	43.5	43.9	44.3	44.8	45.2	45.6	46.0	46.5	46.9	47.4	47.8	48.3	48.7	49.2
AFE	1.0	.9	1.0	.8	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.8
AFN	.2	.3	.4	.5	.4	.6	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4
AFS	4.0	4.1	4.0	3.7	3.9	3.9	3.9	3.5	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6
AFW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AUS	2.7	2.9	2.8	2.5	2.8	3.4	3.5	3.5	3.5	3.6	3.7	3.8	4.0	4.1	4.2	4.3	4.4	4.5	4.6	4.7	4.8	4.9
NWZ	4.4	4.9	5.1	4.7	4.7	5.0	5.4	4.7	4.0	3.9	3.9	3.9	4.0	4.1	4.1	4.1	4.0	4.0	4.0	4.0	4.1	4.1
OCN	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT	663.4	628.1	621.2	679.6	688.9	699.6	726.2	755.3	755.3	757.5	761.9	765.4	768.4	770.5	772.6	775.8	778.8	781.9	784.9	787.9	791.0	794.0

HIGH LOG EXPORTS FROM THE EASTERN USSR (13 November 1989)

EXPORTS, CONIFEROUS SAWLOGS (million cubic meters)

	HISTORY								FORECAST													
REG	1980	1981	1982	1983	1984	1985	1986	1987	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
WST	13.2	9.9	12.8	13.0	13.9	15.0	13.9	15.8	16.4	15.8	14.6	13.6	12.8	12.6	11.0	9.9	8.9	8.0	7.2	6.7	5.9	5.1
EST	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
INT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ASK	.8	.7	1.2	1.3	1.2	1.5	1.7	2.3	2.3	2.2	2.2	2.2	2.1	2.1	2.1	2.1	2.1	2.1	2.0	2.0	2.0	2.0
CAL	.2	.1	.1	.2	.2	.3	.1	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2
USS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
USN	1.6	1.2	1.6	.2	2.0	2.0	1.9	1.6	1.5	1.6	1.7	1.8	1.9	1.9	2.0	2.0	2.0	2.1	2.2	2.2	2.3	2.3
CBC	1.2	.9	1.3	2.4	3.5	2.7	2.8	3.7	3.4	3.0	2.9	2.8	2.7	2.6	2.5	2.4	2.3	2.2	2.1	2.0	2.0	2.0
CIN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CEA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CAM	.0	.0	.0	.0	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
BRA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SAN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CHI	1.0	.4	.9	1.0	.9	1.3	1.0	1.3	2.6	3.0	3.8	4.6	4.6	3.1	3.5	4.2	5.0	5.8	6.6	7.0	7.5	7.9
SAS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
FIN	.7	.7	.3	.4	.4	.5	.3	.3	0.0	.4	.4	.5	.5	.5	.6	.6	.7	.7	.7	.8	.8	.9
SWE	.2	.2	.1	.2	.2	.2	.2	.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
EUW	2.1	1.8	2.0	2.0	2.2	2.6	2.4	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
EUE	.9	.6	.8	.4	.4	.5	.5	.6	.5	.5	.5	.5	.5	.5	.4	.4	.4	.4	.4	.3	.3	.3
JPN	.0	.0	.0	.0	.0	.0	.0	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
KOR	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CHN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
THK	.0	.0	.0	.0	.0	.0	.0	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IDN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PHL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PNG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ICH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IND	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MDE	.0	.0	.0	.0	.0	.0	.0	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUW	1.4	1.3	1.1	1.1	1.3	1.2	1.3	1.5	1.5	1.4	1.5	1.5	1.6	1.6	1.7	1.8	1.8	1.9	1.9	2.0	2.0	2.1
SUE	5.0	4.7	5.0	6.1	6.2	6.4	7.7	7.3	7.3	7.7	8.2	8.7	9.2	9.6	10.1	10.6	11.1	11.5	12.0	12.5	13.0	13.4
AFE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AFN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AFS	.0	.0	.0	.0	.0	.0	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AFW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AUS	.0	.0	.0	.0	.0	.0	.0	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NWZ	1.3	.9	.5	.5	.5	.4	.4	.4	.6	1.2	1.2	1.4	1.6	1.4	1.7	2.2	2.6	2.9	3.2	3.5	4.1	4.8
OCN	.0	.0	.0	.0	.0	.0	.0	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2
TOT	29.4	23.6	27.8	28.8	33.1	34.6	34.5	37.6	36.4	37.2	37.3	37.8	37.7	36.3	35.8	36.5	37.2	37.9	38.7	39.3	40.2	41.1

HIGH LOG EXPORTS FROM THE EASTERN USSR (13 November 1989)

IMPORTS, CONIFEROUS SAWLOGS (million cubic meters)

	HISTORY								FORECAST													
REG	1980	1981	1982	1983	1984	1985	1986	1987	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
WST	.3	.2	.3	.4	.3	.2	.1	.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
EST	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
INT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ASK	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CAL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
USS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
USN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CBC	.0	.0	.0	.0	.1	.3	.5	.5	.3	.3	.3	.3	.3	.3	.3	.4	.4	.4	.4	.4	.4	.4
CIN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CEA	1.4	1.0	1.3	1.5	1.8	1.8	1.6	1.4	1.5	1.6	1.7	1.8	1.9	1.9	2.0	2.0	2.0	2.1	2.2	2.2	2.3	2.3
CAM	.1	.1	.0	.1	.0	.0	.0	.0	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
BRA	0.0	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SAN	.0	.1	.1	.1	.0	.0	.0	.0	0.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.1	.1	.1	.1
CHI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SAS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
FIN	.6	.5	.6	.5	.6	.6	.5	.5	.7	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2
SWE	.5	.4	.4	.3	.4	.5	.6	.8	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2
EUW	3.9	3.6	3.6	3.6	3.4	3.6	3.3	3.3	3.2	1.6	1.1	1.3	1.4	.6	.8	.8	1.0	1.1	1.4	1.5	1.8	2.2
EUE	1.0	.9	.4	.6	.6	.6	.7	.6	.6	.7	.7	.8	.8	.9	.9	1.0	1.1	1.1	1.2	1.2	1.3	1.4
JPN	20.0	15.3	16.3	16.5	15.8	16.7	17.9	20.5	22.5	24.2	23.7	23.0	21.9	20.3	18.8	18.4	18.1	17.8	17.4	17.1	16.8	16.5
KOR	1.5	1.2	1.5	2.1	2.1	2.2	2.4	2.8	2.5	2.5	2.6	2.7	2.7	2.8	2.9	3.0	3.1	3.2	3.3	3.4	3.6	3.7
CHN	.6	1.0	3.0	5.3	6.7	7.5	5.9	5.7	4.2	5.1	5.9	6.7	7.4	8.0	8.7	9.3	10.0	10.6	11.2	11.8	12.4	13.0
THK	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
MAE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IDN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PHL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PNG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ICH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IND	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MDE	.1	.1	.1	.1	.1	.2	.2	.4	.3	.4	.4	.5	.5	.5	.6	.6	.7	.7	.7	.8	.8	.9
SUW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AFE	.0	.0	.0	.0	.0	.0	.0	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AFN	.2	.2	.3	.4	.4	.5	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3
AFS	0.0	.0	.0	.0	.0	.0	.0	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AFW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AUS	0.0	0.0	0.0	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NWZ	.0	.0	.0	.0	.0	.0	.0	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
OCN	.0	.0	.0	.0	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOT	30.3	24.7	28.2	31.6	32.3	34.7	34.0	37.2	36.4	37.2	37.3	37.8	37.7	36.3	35.8	36.5	37.2	37.9	38.7	39.3	40.2	41.1

HIGH LOG EXPORTS FROM THE EASTERN USSR (13 November 1989)

PRICES, CONIFEROUS SAWLOGS (1980 USD/cubic meter)

	HISTORY								FORECAST													
REG	1980	1981	1982	1983	1984	1985	1986	1987	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
WSV	56.3	52.8	42.3	41.8	40.4	38.1	40.4	43.5	43.2	44.4	44.9	44.8	44.7	45.2	45.1	45.1	45.0	45.0	45.0	45.0	44.9	44.9
WSB	56.3	52.8	42.3	41.8	40.4	38.1	40.4	43.5	43.2	44.4	44.9	44.8	44.7	45.2	45.1	45.1	45.0	45.0	45.0	45.0	44.9	44.9
ESV	44.4	38.0	32.7	38.3	34.0	35.9	37.3	39.2	38.8	41.7	42.2	42.3	42.1	42.0	41.8	41.7	41.6	41.6	41.7	41.8	41.9	42.1
ESB	44.4	38.0	32.7	38.3	34.0	35.9	37.3	39.2	38.8	41.7	42.2	42.3	42.1	42.0	41.8	41.7	41.6	41.6	41.7	41.8	41.9	42.1
INV	40.6	35.8	30.5	34.7	32.0	31.1	32.8	34.5	34.3	37.4	38.8	39.4	39.4	39.1	39.0	38.9	39.0	39.2	39.5	39.9	40.3	40.8
INB	40.6	35.8	30.5	34.7	32.0	31.1	32.8	34.5	34.3	37.4	38.8	39.4	39.4	39.1	39.0	38.9	39.0	39.2	39.5	39.9	40.3	40.8
ASK	106.5	88.1	85.9	75.5	68.7	67.4	71.3	82.5	82.2	83.4	83.9	83.9	83.7	84.2	84.1	84.1	84.0	84.0	84.0	84.0	83.9	83.9
CAL	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
USS	32.6	31.0	28.6	33.0	33.3	29.9	30.1	30.6	32.1	33.1	34.1	35.0	35.8	36.6	37.3	37.8	38.3	38.8	39.2	39.6	40.0	40.3
USN	27.7	26.3	27.6	27.1	24.0	27.9	26.9	30.0	30.1	30.2	30.6	30.8	31.1	31.4	31.6	31.9	32.2	32.5	32.8	33.1	33.4	33.7
CBC	42.5	35.7	34.8	36.5	32.8	30.6	30.5	34.2	35.0	34.6	34.6	34.5	34.4	34.4	34.3	34.3	34.2	34.2	34.1	34.1	34.1	34.1
CIN	20.7	17.9	17.3	18.5	17.2	16.5	17.6	17.6	18.0	17.9	18.0	18.0	18.1	18.7	19.2	19.3	19.4	19.4	19.4	19.4	19.3	19.3
CEA	22.9	22.3	19.3	25.4	24.0	23.7	23.6	25.1	26.1	26.1	26.1	26.1	26.1	26.2	26.3	26.4	26.5	26.6	26.7	26.8	27.0	27.1
CAM	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	49.7	50.9	51.4	51.4	51.2	51.7	51.6	51.6	51.5	51.5	51.5	51.5	51.4	51.4
BRA																						
SAN																						
CHI	25.2	19.1	18.8	13.8	13.7	14.4	14.4	16.3	16.2	17.2	17.7	17.7	17.5	18.0	17.9	17.9	17.8	17.8	17.8	17.8	17.7	17.7
SAS																						
FIN	51.5	43.7	36.3	34.7	35.0	33.7	40.6	44.4	44.5	45.0	45.1	45.1	45.0	45.0	45.0	45.0	45.1	45.1	45.1	45.1	45.2	45.2
SWE	67.8	47.9	39.5	38.0	40.6	40.3	50.9	60.1	54.7	53.3	53.4	53.3	53.2	53.1	53.4	53.6	53.8	54.0	54.2	54.4	54.6	54.8
EUW	91.3	70.7	60.9	50.0	47.4	42.8	61.3	65.0	64.9	65.9	66.4	66.4	66.2	66.7	66.6	66.6	66.5	66.5	66.5	66.5	66.4	66.4
EUE	63.4	61.9	61.5	62.0	59.2	58.6	60.8	62.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
JPN	178.9	142.8	120.1	113.2	105.4	104.8	138.8	167.3	167.1	168.3	168.8	168.8	168.6	169.1	169.0	169.0	168.9	168.9	168.9	168.9	168.8	168.8
KOR	159.4	108.0	103.9	85.4	105.9	77.6	81.0	101.9	101.6	102.8	103.3	103.3	103.1	103.6	103.5	103.5	103.4	103.4	103.4	103.4	103.3	103.3
CHN	47.0	80.0	80.0	81.0	82.0	82.0	82.0	82.0	81.7	82.9	83.4	83.3	83.2	83.7	83.6	83.6	83.5	83.5	83.5	83.5	83.4	83.4
THK	230.5	212.3	178.5	163.6	146.6	127.8	130.7	203.4	203.4	204.6	205.1	205.1	204.9	205.4	205.3	205.3	205.2	205.2	205.2	205.2	205.1	205.1
MAE																						
MAW																						
IDN																						
PHL																						
PNG																						
ICH																						
IND																						
MDE	0.0	0.0	0.0	0.0	112.0	112.0	118.0	118.0	117.7	118.6	118.7	118.7	118.6	118.6	118.6	118.6	118.7	118.7	118.7	118.7	118.8	118.8
SUW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	50.0	49.8	50.3	50.4	50.4	50.3	50.3	50.3	50.3	50.4	50.4	50.4	50.4	50.5	50.5
SUE	50.0	39.2	31.5	30.2	28.3	28.4	33.3	30.4	30.2	31.4	31.9	31.9	31.7	32.2	32.1	32.1	32.0	32.0	32.0	32.0	31.9	31.9
AFE																						
AFN	174.3	181.6	157.5	132.7	135.1	128.9	119.7	125.0	124.7	125.3	125.4	125.4	125.3	125.3	125.3	125.3	125.4	125.4	125.4	125.4	125.5	125.5
AFS																						
AFW																						
AUS																						
NWZ	15.2	13.8	14.1	14.0	14.1	14.9	21.9	26.9	26.7	27.9	28.4	28.4	28.2	28.7	28.6	28.6	28.5	28.5	28.5	28.5	28.4	28.4
OCN	117.0	73.0	72.0	50.0	55.0	45.0	45.0	45.0	44.8	46.0	46.5	46.5	46.3	46.8	46.7	46.7	46.6	46.6	46.6	46.6	46.5	46.5
AVE	53.2	45.3	39.6	38.2	36.5	34.3	39.6	42.3	42.3	43.3	43.8	44.0	44.1	44.7	44.9	45.0	45.2	45.3	45.4	45.6	45.7	45.8
FWA	50.2	42.7	37.1	37.2	35.6	33.9	39.0	42.3	42.4	43.3	43.8	44.0	44.1	44.4	44.6	44.7	44.8	44.9	45.0	45.2	45.3	45.4

HIGH LOG EXPORTS FROM THE EASTERN USSR (13 November 1989)

PRODUCTION, CONIFEROUS SAWNWOOD (million cubic meters)

	HISTORY								FORECAST												
REG	1980	1981	1982	1983	1984	1985	1986	1987	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
WST	11.3	10.4	9.5	13.2	13.8	13.3	15.5	17.1	16.0	15.4	15.2	15.2	15.3	15.3	15.4	15.4	15.5	15.6	15.8	15.9	16.1	16.4
EST	3.6	3.5	3.4	4.1	4.3	4.3	4.8	5.3	5.4	4.9	4.8	4.7	4.7	4.7	4.7	4.8	4.8	4.8	4.9	4.9	5.0	5.0
INT	9.2	8.5	7.9	10.1	10.8	11.3	12.8	13.9	13.5	13.4	13.5	13.6	13.6	13.8	14.0	14.3	14.5	14.8	15.0	15.2	15.5	15.7
ASK	.6	.5	.4	.3	.3	.2	.3	.3	.3	.3	.3	.4	.4	.4	.4	.4	.4	.4	.5	.5	.5	.5
CAL	2.7	2.4	2.2	2.7	2.8	2.9	3.4	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7
USS	13.6	14.0	14.5	16.9	17.7	17.8	19.4	20.6	21.3	22.1	23.0	23.6	24.2	24.6	25.0	25.2	25.4	25.6	25.7	25.7	25.8	25.8
USN	3.3	2.3	2.2	2.6	2.5	2.5	2.8	3.0	3.1	3.1	3.3	3.4	3.5	3.6	3.7	3.8	3.9	4.0	4.1	4.3	4.4	4.5
CBC	7.6	6.2	5.7	7.4	7.0	7.2	6.7	8.4	8.3	8.3	8.3	8.3	8.4	8.5	8.6	8.6	8.7	8.8	8.8	8.9	9.0	9.1
CIN	14.0	13.0	12.8	16.4	16.9	18.5	18.0	20.9	21.5	21.5	21.7	21.9	22.1	22.2	22.3	22.4	22.5	22.7	22.9	23.0	23.2	23.4
CEA	8.6	8.0	7.1	9.2	9.6	10.8	12.8	13.1	13.4	13.5	13.7	13.9	14.1	14.4	14.6	14.9	15.1	15.4	15.7	16.0	16.3	16.6
CAM	2.4	2.3	2.1	2.2	2.3	2.5	2.4	2.5	2.5	2.6	2.6	2.6	2.6	2.6	2.7	2.7	2.7	2.7	2.7	2.8	2.8	2.8
BRA	7.1	7.5	7.8	8.1	8.4	8.4	8.4	8.4	8.4	8.5	8.7	8.8	9.0	9.2	9.3	9.5	9.7	9.8	10.0	10.2	10.3	10.5
SAN	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.1	.1
CHI	1.9	1.5	1.0	1.4	1.7	1.9	1.8	2.3	1.6	1.6	1.7	1.7	1.8	1.9	2.0	2.0	2.1	2.2	2.3	2.3	2.4	2.5
SAS	.2	.2	.3	.3	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.3
FIN	10.2	8.2	7.2	7.9	8.1	7.2	7.0	7.5	7.8	7.8	8.0	8.1	8.1	8.2	8.3	8.4	8.4	8.5	8.6	8.7	8.7	8.8
SWE	11.0	10.1	10.7	11.9	12.1	11.3	11.4	11.2	10.5	10.5	10.4	10.3	10.2	10.1	10.0	9.8	9 7	9.5	9.4	9.2	9.0	8.9
EUW	33.6	32.1	31.9	32.8	33.2	33.4	33.7	33.9	35.2	35.5	36.0	36.5	36.9	37.2	37.7	38.1	38.5	39.0	39.5	39.9	40.4	40.9
EUE	15.5	15.0	14.9	15.4	15.4	15.2	14.7	14.4	14.4	14.5	14.6	14.6	14.7	14.8	14.8	14.9	15.0	15.0	15.1	15.2	15.2	15.3
JPN	30.4	27.0	26.4	25.6	25.0	25.2	25.9	27.2	27.3	28.7	28.5	28.0	27.3	26.3	25.4	25.2	25.0	24.8	24.7	24.5	24.3	24.2
KOR	1.4	1.3	1.5	2.0	1.9	2.0	2.4	2.8	2.3	2.3	2.4	2.4	2.5	2.5	2.6	2.6	2.7	2.8	2.8	2.9	3.0	3.0
CHN	13.1	13.5	14.4	15.1	16.8	17.7	17.3	18.0	18.0	18.5	19.0	19.5	20.0	20.5	21.0	21.5	22.0	22.5	23.0	23.5	24.0	24.5
THK	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
MAE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IDN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PHL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PNG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ICH	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
IND	1.5	1.7	1.8	2.0	2.2	2.4	2.4	2.4	2.4	2.7	2.8	2.9	3.0	3.1	3.2	3.3	3.4	3.6	3.7	3.8	3.9	4.0
MDE	4.1	4.1	4.1	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.9	3.9	3.9	3.9	3.9	3.9	4.0	4.0	4.0	4.0
SUW	66.1	65.9	65.6	65.1	64.4	65.9	67.9	67.3	67.3	66.6	66.0	65.4	64.8	64.3	63.7	63.1	62.5	62.0	61.4	60.9	60.3	59.8
SUE	19.9	19.9	19.7	19.8	19.6	20.2	21.6	21.8	21.8	22.0	22.2	22.4	22.6	22.8	23.0	23.2	23.5	23.7	23.9	24.1	24.4	24.6
AFE	.3	.4	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3
AFN	.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
AFS	1.5	1.7	1.5	1.5	1.5	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.5
AFW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AUS	1.1	1.2	1.2	1.0	1.1	1.2	1.2	1.2	1.2	1.3	1.3	1.4	1.5	1.5	1.6	1.6	1.7	1.8	1.8	1.9	1.9	2.0
NWZ	2.0	2.1	2.2	2.1	2.1	2.3	2.4	2.1	1.7	1.7	1.7	1.7	1.7	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.9	1.9
OCN	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT	298.3	284.9	280.6	301.7	306.2	311.6	323.0	335.3	334.9	337.0	339.3	341.2	342.9	344.1	345.4	347.6	349.6	351.8	354.0	356.2	358.4	360.7

HIGH LOG EXPORTS FROM THE EASTERN USSR (13 November 1989)

CONSUMPTION, CONIFEROUS SAWNWOOD (million cubic meters)

	HISTORY								FORECAST													
REG	1980	1981	1982	1983	1984	1985	1986	1987	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
USW	18.8	17.5	15.8	21.7	23.7	24.6	25.8	27.7	27.2	27.1	27.8	28.2	28.6	28.9	29.2	29.5	29.9	30.2	30.5	30.8	31.2	31.5
USS	17.6	17.5	18.9	24.0	24.6	24.1	25.5	26.0	25.9	25.5	25.7	25.7	25.8	25.8	25.9	25.9	26.0	26.0	26.1	26.1	26.2	26.2
USN	19.6	17.4	16.9	20.6	21.6	23.5	26.3	28.4	28.3	27.6	27.7	27.5	27.4	27.3	27.2	27.1	26.9	26.8	26.7	26.6	26.4	26.3
CAN	10.6	9.6	7.1	10.0	9.3	10.9	12.9	15.7	15.6	15.8	15.9	16.0	16.2	16.3	16.4	16.6	16.7	16.8	17.0	17.1	17.2	17.3
CAM	3.6	3.4	2.9	3.2	3.5	3.6	3.4	3.4	3.4	3.5	3.5	3.6	3.6	3.6	3.7	3.7	3.8	3.8	3.9	3.9	4.0	4.0
BRA	7.0	7.3	7.6	8.0	8.3	8.3	8.3	8.3	8.4	8.5	8.7	8.8	9.0	9.2	9.3	9.5	9.7	9.8	10.0	10.2	10.3	10.5
SAN	.3	.2	.2	.1	.1	.0	.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	.2	.2	.2
CHI	.7	.6	.4	.7	.9	1.2	.9	1.3	1.3	1.4	1.4	1.5	1.6	1.6	1.7	1.8	1.9	1.9	2.0	2.1	2.2	2.2
SAS	.7	.6	.5	.6	.5	.3	.4	.4	.4	.4	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5
FIN	3.3	2.8	2.7	3.0	3.3	2.4	2.5	2.6	2.6	2.6	2.6	2.7	2.7	2.7	2.8	2.8	2.8	2.8	2.9	2.9	2.9	2.9
SWE	5.3	4.6	3.3	3.5	4.2	3.5	3.7	3.8	3.8	3.9	3.9	4.0	4.0	4.0	4.1	4.1	4.2	4.2	4.2	4.3	4.3	4.4
EUW	51.9	47.3	48.3	49.3	48.5	48.2	51.6	53.1	52.9	53.7	54.4	55.2	55.9	56.6	57.3	58.1	58.8	59.6	60.4	61.1	61.9	62.7
EUE	15.7	15.3	14.9	15.4	15.9	16.6	15.3	14.6	14.6	15.0	15.1	15.1	15.2	15.3	15.3	15.4	15.5	15.5	15.6	15.7	15.7	15.8
JPN	35.3	30.5	30.6	29.5	28.7	29.3	30.3	33.0	32.2	33.0	32.6	32.2	31.6	30.7	29.7	29.6	29.5	29.4	29.3	29.2	29.1	29.0
KOR	1.1	1.1	1.3	1.8	1.8	1.8	2.2	2.6	2.3	2.3	2.4	2.4	2.5	2.5	2.6	2.6	2.7	2.8	2.8	2.9	3.0	3.0
CHN	13.1	13.6	14.6	15.5	17.2	18.0	17.5	18.1	18.1	18.7	19.2	19.7	20.2	20.7	21.2	21.7	22.2	22.7	23.2	23.7	24.2	24.7
THK	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2
MAE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IDN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PHL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PNG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ICH	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
IND	1.6	1.7	1.9	2.0	2.2	2.4	2.4	2.4	2.4	2.7	2.8	2.9	3.0	3.1	3.2	3.3	3.4	3.6	3.7	3.8	3.9	4.0
MDE	6.5	6.3	6.6	6.4	6.5	5.7	5.3	5.2	5.2	5.4	5.5	5.7	5.8	5.9	6.1	6.2	6.3	6.5	6.6	6.7	6.9	7.0
SUW	59.5	59.5	58.8	58.1	57.6	58.5	60.3	59.8	59.8	59.2	58.7	58.1	57.5	57.0	56.4	55.9	55.4	54.8	54.3	53.8	53.3	52.8
SUE	19.5	19.6	19.4	19.6	19.3	19.9	21.2	21.4	21.4	21.6	21.8	22.0	22.2	22.4	22.6	22.8	23.0	23.2	23.4	23.7	23.9	24.1
AFE	.4	.5	.4	.3	.3	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4
AFN	1.9	2.8	3.2	3.6	3.8	3.9	3.0	3.1	3.1	3.2	3.4	3.5	3.6	3.8	3.9	4.1	4.2	4.4	4.5	4.7	4.8	5.0
AFS	1.4	1.6	1.4	1.4	1.4	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.4	1.4	1.4	1.4	1.4	1.4	1.4
AFW	.0	.0	.0	.0	.0	.0	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AUS	1.8	2.0	2.0	1.7	1.9	2.3	2.2	2.0	2.0	2.1	2.1	2.2	2.2	2.2	2.3	2.3	2.3	2.4	2.4	2.4	2.5	2.5
NWZ	1.4	1.6	1.7	1.7	1.7	1.8	2.0	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.8	1.8	1.7	1.8	1.8	1.8	1.8	1.8
OCN	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
TOT	298.6	285.3	281.5	302.3	307.3	313.2	325.2	337.1	334.9	337.0	339.3	341.2	342.9	344.1	345.4	347.6	349.6	351.8	354.0	356.2	358.4	360.7

HIGH LOG EXPORTS FROM THE EASTERN USSR (13 November 1989)

EXPORTS, CONIFEROUS SAWNWOOD (million cubic meters)

	HISTORY								FORECAST													
REG	1980	1981	1982	1983	1984	1985	1986	1987	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
WST	3.8	3.3	3.2	4.1	3.8	3.6	4.8	5.8	7.7	10.2	9.4	8.9	8.7	8.6	8.6	8.6	8.7	8.8	8.8	9.0	9.1	9.2
EST	1.5	1.4	1.4	1.7	1.7	1.7	2.1	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
INT	4.0	3.7	3.5	4.3	4.3	4.5	5.7	6.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ASK	.6	.5	.4	.3	.3	.2	.3	.3	.3	.3	.3	.4	.4	.4	.4	.4	.4	.4	.5	.5	.5	.5
CAL	.8	.8	.6	.7	.8	.8	.9	1.0	3.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
USS	3.6	3.3	3.3	2.9	3.3	3.7	4.2	4.5	.0	.0	.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
USN	.3	.4	.2	.3	.3	.2	.3	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4
CBC	6.4	4.9	4.8	5.5	5.3	5.4	5.3	6.3	8.3	8.3	8.3	8.3	8.4	8.5	8.6	8.6	8.7	8.8	8.8	8.9	9.0	9.1
CIN	9.3	7.8	8.1	11.6	11.5	13.4	13.0	15.7	19.7	19.6	20.0	20.2	20.5	20.7	20.9	21.1	21.4	21.7	22.0	22.4	22.7	23.1
CEA	4.6	5.8	6.0	6.9	8.1	7.3	7.1	5.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CAM	.3	.3	.4	.3	.3	.2	.2	.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
BRA	.2	.1	.1	.1	.1	.1	.1	.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SAN	.0	.0	.0	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CHI	1.3	.8	.6	.7	.9	.7	.8	1.0	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3
SAS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
FIN	6.9	5.4	4.6	4.9	4.8	4.9	4.5	4.9	5.2	5.2	5.4	5.4	5.4	5.5	5.5	5.6	5.6	5.7	5.7	5.8	5.8	5.9
SWE	5.9	5.6	7.5	8.4	8.0	7.9	7.7	7.5	6.7	6.6	6.5	6.4	6.2	6.1	5.9	5.7	5.5	5.3	5.1	4.9	4.7	4.5
EUW	7.0	6.1	6.3	7.3	7.6	6.9	6.9	6.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
EUE	2.4	2.4	2.4	2.5	2.4	2.1	2.3	2.3	2.3	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
JPN	.0	.0	.0	.0	.0	.0	.0	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
KOR	.4	.2	.2	.1	.2	.2	.2	.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CHN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
THK	.0	.0	.0	.0	.0	.0	.0	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IDN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PHL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PNG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ICH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IND	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MDE	.1	.1	.1	.1	.1	.1	.0	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUW	6.6	6.4	6.8	7.0	6.8	7.4	7.6	7.4	7.4	7.4	7.4	7.3	7.3	7.3	7.2	7.2	7.2	7.1	7.1	7.1	7.0	7.0
SUE	.3	.3	.3	.2	.3	.3	.3	.3	.3	.3	.3	.4	.4	.4	.4	.4	.4	.4	.5	.5	.5	.5
AFE	.0	.0	.0	.0	.0	.0	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AFN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AFS	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
AFW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AUS	.0	.0	.0	.0	.0	.0	.0	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NWZ	.6	.5	.5	.4	.4	.5	.4	.3	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
OCN	.0	.0	.0	.0	.0	.0	.0	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOT	67.1	60.6	61.5	70.6	71.3	71.9	75.0	80.1	62.7	60.9	60.5	60.2	60.2	60.3	60.4	60.6	60.8	61.2	61.5	61.9	62.3	62.8

HIGH LOG EXPORTS FROM THE EASTERN USSR (13 November 1989)

IMPORTS, CONIFEROUS SAWNWOOD (million cubic meters)

	HISTORY								FORECAST													
REG	1980	1981	1982	1983	1984	1985	1986	1987	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
USW	2.1	1.9	1.7	2.4	2.7	3.3	2.8	3.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
USS	7.6	6.9	7.6	10.0	10.2	10.1	10.3	9.9	4.7	3.4	2.8	2.1	1.7	1.3	1.0	.8	.6	.6	.5	.5	.5	.6
USN	16.5	15.5	14.8	18.4	19.4	21.2	23.8	25.8	25.6	24.9	24.8	24.6	24.4	24.2	24.0	23.7	23.5	23.3	23.0	22.8	22.5	22.3
CAN	.8	1.0	.5	.9	.7	.6	.7	.9	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4
CAM	1.5	1.4	1.1	1.3	1.5	1.3	1.3	1.1	.9	.9	.9	1.0	1.0	1.0	1.0	1.1	1.1	1.1	1.1	1.2	1.2	1.2
BRA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SAN	.2	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
CHI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SAS	.5	.3	.2	.2	.3	.2	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3
FIN	.0	.0	.0	.0	.0	.0	.0	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SWE	.2	.1	.1	.1	.1	.1	.1	.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
EUW	25.3	21.4	22.7	23.8	22.9	21.7	24.8	26.1	17.7	18.3	18.4	18.7	19.0	19.4	19.7	20.0	20.3	20.6	20.9	21.2	21.5	21.8
EUE	2.5	2.8	2.4	2.5	2.8	3.5	2.9	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
JPN	4.9	3.4	4.2	3.9	3.7	4.1	4.5	5.9	4.9	4.3	4.1	4.2	4.3	4.3	4.4	4.5	4.5	4.6	4.7	4.7	4.8	4.9
KOR	.0	.0	.0	.0	.0	.0	.0	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CHN	0.0	.2	.1	.4	.3	.3	.2	.1	.1	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2
THK	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
MAE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IDN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PHL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PNG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ICH	.0	.0	.0	.0	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IND	.1	.0	.0	.0	.0	.0	.0	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MDE	2.4	2.3	2.6	2.7	2.8	2.0	1.5	1.5	1.4	1.6	1.7	1.8	1.9	2.1	2.2	2.3	2.4	2.5	2.6	2.8	2.9	3.0
SUW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AFE	.0	.1	.1	.0	.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
AFN	1.8	2.7	3.1	3.5	3.7	3.8	2.9	3.0	3.0	3.1	3.3	3.4	3.5	3.7	3.8	4.0	4.1	4.3	4.4	4.6	4.7	4.9
AFS	.0	.0	.0	.0	.0	.0	.0	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AFW	.0	.0	.0	.0	.0	.0	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AUS	.7	.8	.9	.6	.8	1.1	1.0	.8	.8	.8	.8	.8	.7	.7	.7	.7	.6	.6	.6	.6	.5	.5
NWZ	.0	.0	.0	.0	.0	.0	.0	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
OCN	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
TOT	67.4	61.1	62.4	71.1	72.4	73.5	77.3	81.8	62.7	60.9	60.5	60.2	60.2	60.3	60.4	60.6	60.8	61.2	61.5	61.9	62.3	62.8

HIGH LOG EXPORTS FROM THE EASTERN USSR (13 November 1989)

PRICES, CONIFEROUS SAWNWOOD (1980 USD/cubic meter)

	HISTORY								FORECAST													
REG	1980	1981	1982	1983	1984	1985	1986	1987	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
WSV	155.0	125.3	104.8	114.8	108.6	108.9	112.4	119.0	120.9	119.2	119.2	118.6	118.0	118.0	117.7	117.5	117.3	117.1	116.9	116.8	116.6	116.5
WSB																						
ESV	173.7	162.0	137.7	170.5	157.7	156.6	172.9	176.3	178.3	176.6	176.6	176.0	175.4	175.4	175.1	174.9	174.7	174.5	174.3	174.2	174.0	173.9
ESB																						
INV	148.4	136.1	113.2	142.7	130.6	130.8	142.9	146.3	147.2	145.5	145.5	144.9	144.3	144.3	144.0	143.8	143.6	143.4	143.2	143.1	142.9	142.8
INB																						
ASK	0.0	0.0	0.0	0.0	0.0	0.0	0.0	160.0	161.8	160.1	135.0	124.9	119.1	116.6	114.6	116.4	118.1	119.8	121.5	123.1	124.6	126.1
CAL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	120.0	121.9	120.2	120.2	119.6	119.0	119.0	118.7	118.5	118.3	118.1	117.9	117.8	117.6	117.5
USS	126.4	108.2	111.7	130.6	118.8	111.7	116.7	134.2	136.4	134.7	134.7	134.1	133.5	133.5	133.2	133.0	132.8	132.6	132.4	132.3	132.1	132.0
USN	109.6	107.6	94.7	117.5	105.4	103.9	111.3	119.5	121.4	119.7	119.7	119.1	118.5	118.5	118.2	118.0	117.8	117.6	117.4	117.3	117.1	117.0
CBC	100.0	84.0	71.5	92.1	76.1	84.2	89.2	95.7	97.5	95.8	95.8	95.2	94.6	94.6	94.3	94.1	93.9	93.7	93.5	93.4	93.2	93.1
CIN	92.8	79.0	69.5	90.6	73.7	73.6	91.1	100.7	102.5	100.8	100.8	100.2	99.6	99.6	99.3	99.1	98.9	98.7	98.5	98.4	98.2	98.1
CEA	100.6	98.7	86.8	107.8	96.7	95.3	102.0	114.3	116.4	114.7	114.7	114.1	113.5	113.5	113.2	113.0	112.8	112.6	112.4	112.3	112.1	112.0
CAM	0.0	0.0	0.0	0.0	0.0	0.0	0.0	118.7	120.5	118.8	118.8	118.2	117.6	117.6	117.3	117.1	116.9	116.7	116.5	116.4	116.2	116.1
BRA																						
SAN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	157.0	159.1	157.4	157.4	156.8	156.2	156.2	155.9	155.7	155.5	155.3	155.1	155.0	154.8	154.7
CHI	100.3	94.1	70.8	54.3	50.2	48.9	51.8	57.9	64.5	66.2	66.8	66.1	64.9	62.7	61.5	60.5	59.4	58.3	59.4	58.5	57.5	56.5
SAS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	80.9	87.5	89.2	89.8	89.1	87.9	85.7	84.5	83.5	82.4	81.3	82.4	81.5	80.5	79.5
FIN	167.2	154.7	128.0	126.4	128.9	115.2	143.4	165.4	167.2	165.5	165.5	164.9	164.3	164.3	164.0	163.8	163.6	163.4	163.2	163.1	162.9	162.8
SWE	217.9	168.2	130.9	126.5	127.8	117.2	147.1	177.3	179.1	177.4	177.4	176.8	176.2	176.2	175.9	175.7	175.5	175.3	175.1	175.0	174.8	174.7
EUW	217.6	165.3	153.6	131.5	127.1	119.3	143.7	153.0	154.8	153.1	153.1	152.5	151.9	151.9	151.6	151.4	151.2	151.0	150.8	150.7	150.5	150.4
EUE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	146.1	148.0	146.3	146.3	145.7	145.1	145.1	144.8	144.6	144.4	144.2	144.0	143.9	143.7	143.6
JPN	320.6	247.0	214.3	207.8	191.2	194.5	272.7	361.3	363.1	361.4	336.3	326.2	320.4	317.9	315.9	317.7	319.4	321.1	322.8	324.4	325.9	327.4
KOR	251.7	206.3	188.4	188.6	167.7	165.1	170.9	185.9	201.7	205.3	208.0	210.0	211.5	213.4	214.1	215.2	216.1	216.9	217.6	218.4	219.0	219.6
CHN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	143.9	145.7	144.0	144.0	143.4	142.8	142.8	142.5	142.3	142.1	141.9	141.7	141.6	141.4	141.3
THK	0.0	0.0	0.0	0.0	0.0	0.0	0.0	224.8	226.7	225.0	225.0	224.4	223.8	223.8	223.5	223.3	223.1	222.9	222.7	222.6	222.4	222.3
MAE																						
MAW																						
IDN																						
PHL																						
PNG																						
ICH																						
IND																						
MDE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	179.9	181.6	179.9	179.9	179.3	178.7	178.7	178.4	178.2	178.0	177.8	177.6	177.5	177.3	177.2
SUW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	113.3	115.1	113.4	113.4	112.8	112.2	112.2	111.9	111.7	111.5	111.3	111.1	111.0	110.8	110.7
SUE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	113.3	115.1	113.4	88.3	78.2	72.4	69.9	67.9	69.7	71.4	73.1	74.8	76.4	77.9	79.4
AFE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	150.0	152.1	152.1	152.1	152.1	152.1	152.1	152.1	152.1	152.1	152.1	152.1	152.1	152.1	152.1
AFN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	215.8	217.5	215.8	215.8	215.2	214.6	214.6	214.3	214.1	213.9	213.7	213.5	213.4	213.2	213.1
AFS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	107.9	110.0	110.0	110.0	110.0	110.0	110.0	110.0	110.0	110.0	110.0	110.0	110.0	110.0	110.0
AFW																						
AUS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	152.9	154.7	153.0	153.0	152.4	151.8	151.8	151.5	151.3	151.1	150.9	150.7	150.6	150.4	150.3
NWZ	114.2	116.3	108.4	97.5	99.2	108.8	128.3	140.9	153.0	157.0	159.8	161.2	162.1	155.1	155.8	156.5	165.5	166.2	166.7	167.1	167.2	166.9
OCN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	157.4	169.5	173.5	176.3	177.7	178.6	171.6	172.3	173.0	182.0	182.7	183.2	183.6	183.7	183.4
AVE	189.7	153.4	135.9	135.2	125.2	121.7	146.1	167.5	170.0	169.8	165.5	162.9	160.7	159.2	157.6	157.3	157.1	156.7	156.4	156.1	155.8	155.4
FWA	177.6	145.2	128.1	133.7	123.7	121.1	144.9	167.5	169.7	168.2	164.7	162.8	161.5	161.0	160.5	160.6	160.8	160.9	161.0	161.1	161.2	161.3

APPENDIX E: CONIFEROUS-NONCONIFEROUS PLYWOOD SUBSTITUTION IN JAPAN

TABLE OF CONTENTS

CONIFEROUS-NONCONIFEROUS PLYWOOD SUBSTITUTION (13 November 1989)

PRODUCTION, CONIFEROUS SAWLOGS (million cubic meters)

	HISTORY								FORECAST													
REG	1980	1981	1982	1983	1984	1985	1986	1987	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
WSV	35.6	33.1	35.2	38.9	36.4	35.0	38.3	43.4	42.3	42.9	42.5	41.4	40.4	40.6	39.6	38.9	38.2	37.6	36.9	36.4	35.8	35.2
WSB	14.3	11.5	9.5	16.5	19.4	20.3	22.6	23.3	22.3	19.2	17.9	18.0	18.4	18.4	17.8	17.5	17.2	17.0	16.9	17.0	16.9	16.8
ESV	5.3	5.5	5.6	5.0	4.7	4.4	4.9	6.2	6.1	7.1	7.3	7.3	7.2	7.1	7.0	6.9	6.9	6.8	6.8	6.8	6.8	6.8
ESB	5.5	5.1	4.3	7.4	8.3	8.6	9.4	9.5	9.9	7.3	6.7	6.5	6.5	6.6	6.7	6.8	7.0	7.1	7.1	7.2	7.3	7.3
INV	11.1	10.9	11.2	9.7	12.0	11.2	13.2	15.6	14.7	18.1	19.5	19.9	19.7	19.2	18.9	18.8	18.7	18.8	19.0	19.2	19.5	19.8
INB	14.3	12.7	9.9	17.6	16.6	18.2	19.9	20.1	20.0	16.1	14.8	14.3	14.6	15.4	16.1	16.7	17.2	17.6	17.9	18.1	18.2	18.3
ASK	2.0	1.7	2.0	2.0	1.7	1.9	2.3	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	3.0	3.0	3.0	3.0	3.0
CAL	6.7	6.1	5.3	6.4	6.7	7.0	8.0	8.6	8.5	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6
USS	54.9	57.8	59.3	68.9	71.2	71.9	77.7	81.5	83.8	86.3	88.6	90.2	91.3	92.2	92.7	93.0	93.0	93.0	92.8	92.5	92.1	91.6
USN	11.8	8.3	8.2	8.1	9.8	9.9	10.5	10.9	11.0	11.2	11.6	11.9	12.1	12.4	12.7	13.0	13.3	13.5	13.8	14.1	14.4	14.6
CBC	21.7	16.1	15.5	20.7	20.6	19.9	18.8	23.6	23.4	22.7	22.6	22.4	22.3	22.3	22.2	22.1	22.0	21.9	21.9	21.8	21.9	21.9
CIN	42.0	38.2	38.2	44.3	46.2	50.0	48.6	56.6	58.1	57.9	58.1	58.2	58.5	58.4	58.3	58.3	58.4	58.5	58.6	58.7	58.9	59.0
CEA	29.8	25.1	22.9	29.3	27.2	29.8	35.0	35.9	36.7	36.4	36.8	37.0	37.1	37.3	37.6	37.8	38.1	38.4	38.7	39.0	39.4	39.7
CAM	4.9	5.1	5.2	4.9	5.1	5.6	5.1	5.4	5.4	5.6	5.6	5.7	5.7	5.7	5.8	5.8	5.8	5.9	5.9	6.0	6.0	6.0
BRA	19.9	19.6	20.3	21.2	22.0	22.0	21.3	21.3	21.3	21.6	22.0	22.4	22.8	23.2	23.6	24.0	24.4	24.8	25.2	25.6	26.0	26.3
SAN	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
CHI	4.9	3.4	3.0	4.0	4.5	5.2	4.7	6.2	6.0	6.4	7.3	8.2	8.3	6.9	7.4	8.3	9.1	10.0	10.9	11.4	12.0	12.5
SAS	.3	.4	.6	.7	.4	.4	.4	.4	.4	.4	.4	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5
FIN	23.5	19.4	16.4	18.1	18.9	17.7	16.4	16.2	16.3	17.2	17.5	17.7	17.8	18.0	18.2	18.4	18.6	18.8	19.0	19.2	19.4	19.6
SWE	20.6	19.2	20.3	23.1	23.8	22.2	22.1	21.9	21.0	21.0	20.9	20.7	20.4	20.3	20.0	19.8	19.5	19.3	19.0	18.7	18.4	18.1
EUW	54.4	53.5	53.2	54.5	56.5	55.4	56.3	57.0	56.8	59.0	60.5	61.3	62.0	62.7	63.5	64.3	65.0	65.8	66.5	67.2	68.0	68.7
EUE	25.0	25.0	25.0	26.6	25.4	24.7	23.9	23.8	23.8	23.9	24.0	24.1	24.2	24.3	24.4	24.5	24.6	24.7	24.9	25.0	25.1	25.2
JPN	17.8	16.8	17.3	16.8	16.4	16.4	16.2	16.6	16.6	17.0	17.4	17.6	17.9	18.3	18.5	18.8	19.1	19.3	19.6	19.8	20.1	20.3
KOR	.5	.8	.8	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7
CHN	29.0	26.0	26.5	27.4	32.0	32.7	33.1	33.1	33.1	33.6	34.1	34.7	35.2	35.7	36.3	36.8	37.3	37.9	38.4	38.9	39.5	40.0
THK	.4	.3	.3	.4	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3
MAE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IDN	.6	.3	.3	.4	.4	.3	.4	.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PHL	.1	.1	.1	.1	.1	.1	.0	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PNG	.1	.1	.1	.1	.1	.1	.1	.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ICH	.2	.2	.2	.2	.2	.2	.2	.2	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3
IND	3.1	3.4	3.7	4.0	4.4	4.8	4.8	4.8	4.8	5.3	5.5	5.8	6.0	6.2	6.4	6.7	6.9	7.1	7.3	7.6	7.8	8.0
MDE	10.2	10.2	10.2	9.4	9.4	9.3	9.3	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1
SUW	133.6	133.1	132.3	131.3	130.1	132.9	137.1	136.1	136.1	134.7	133.5	132.4	131.3	130.1	129.0	127.9	126.9	125.8	124.8	123.8	122.7	121.7
SUE	44.7	44.6	44.3	45.8	45.4	46.8	50.8	50.8	50.8	51.3	51.7	52.2	52.7	53.2	53.7	54.3	54.8	55.3	55.8	56.4	56.9	57.4
AFE	.9	.9	.9	.8	.9	.8	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.8
AFN	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
AFS	4.1	4.1	4.0	3.7	3.9	3.9	3.9	3.5	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6
AFW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AUS	2.7	2.9	2.8	2.5	2.8	3.4	3.5	3.5	3.5	3.6	3.7	3.8	4.0	4.1	4.2	4.3	4.4	4.5	4.6	4.7	4.8	4.9
NWZ	5.7	5.7	5.5	5.2	5.2	5.4	5.8	5.1	4.5	5.2	5.1	5.3	5.5	5.4	5.8	6.2	6.6	6.9	7.2	7.5	8.2	8.9
OCN	.1	.0	.0	.0	.0	.1	.0	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2
TOT	662.5	627.1	620.8	676.9	689.8	699.5	726.6	755.7	755.3	757.7	762.4	766.2	769.3	771.5	773.7	777.1	780.2	783.5	786.7	789.8	793.1	796.3

CONIFEROUS-NONCONIFEROUS PLYWOOD SUBSTITUTION (13 November 1989)

CONSUMPTION, CONIFEROUS SAWLOGS (million cubic meters)

	HISTORY								FORECAST													
REG	1980	1981	1982	1983	1984	1985	1986	1987	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
WST	36.9	34.8	32.1	42.8	42.2	40.5	47.1	51.1	48.2	45.9	45.0	44.6	44.4	43.5	43.1	42.6	42.3	41.9	41.6	41.3	41.1	41.0
EST	10.8	10.6	9.9	12.4	12.9	13.0	14.3	15.7	16.0	14.4	14.0	13.8	13.7	13.7	13.7	13.8	13.8	13.9	13.9	14.0	14.1	14.2
INT	25.4	23.6	21.1	27.3	28.6	29.5	33.1	35.7	34.7	34.2	34.3	34.2	34.2	34.6	35.0	35.5	35.9	36.4	36.9	37.3	37.7	38.1
ASK	1.2	.9	.8	.6	.6	.4	.6	.6	.6	.7	.7	.7	.7	.8	.8	.8	.9	.9	.9	.9	1.0	1.0
CAL	6.5	6.0	5.2	6.2	6.5	6.7	7.8	8.4	8.4	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5
USS	54.9	57.8	59.3	68.9	71.2	71.9	77.7	81.5	83.8	86.3	88.6	90.2	91.3	92.2	92.7	93.0	93.0	93.0	92.8	92.5	92.1	91.6
USN	10.2	7.1	6.6	7.9	7.8	7.9	8.6	9.3	9.5	9.6	9.9	10.1	10.3	10.5	10.8	11.0	11.2	11.4	11.7	11.9	12.1	12.3
CBC	20.6	15.2	14.3	18.4	17.2	17.5	16.4	20.5	20.2	20.0	20.0	19.9	20.0	20.0	20.0	20.1	20.1	20.1	20.2	20.2	20.3	20.3
CIN	42.0	38.2	38.2	44.3	46.2	50.0	48.6	56.6	58.1	57.9	58.1	58.2	58.5	58.4	58.3	58.3	58.4	58.5	58.6	58.7	58.9	59.0
CEA	31.2	26.1	24.3	30.8	28.9	31.6	36.7	37.4	38.3	38.1	38.5	38.7	38.9	39.2	39.5	39.8	40.1	40.5	40.8	41.2	41.6	42.0
CAM	5.0	5.1	5.3	4.9	5.2	5.6	5.1	5.4	5.6	5.6	5.7	5.7	5.8	5.8	5.8	5.9	5.9	6.0	6.0	6.1	6.1	6.1
BRA	19.9	19.6	20.3	21.2	22.0	22.0	21.3	21.3	21.3	21.6	22.0	22.4	22.8	23.2	23.6	24.0	24.4	24.8	25.2	25.6	26.0	26.3
SAN	.1	.2	.2	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	.2	.2	.2	.2	.2	.2
CHI	3.9	3.1	2.1	3.0	3.6	4.0	3.7	4.9	3.4	3.4	3.5	3.6	3.7	3.8	3.9	4.0	4.1	4.2	4.2	4.3	4.4	4.5
SAS	.3	.4	.6	.7	.4	.4	.4	.4	.4	.4	.4	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5
FIN	23.5	19.1	16.6	18.2	19.1	17.9	16.6	16.4	17.0	17.0	17.3	17.4	17.5	17.6	17.8	18.0	18.1	18.3	18.4	18.6	18.8	18.9
SWE	21.0	19.4	20.6	23.3	24.0	22.5	22.6	22.6	21.2	21.2	21.1	20.8	20.6	20.5	20.2	20.0	19.7	19.4	19.2	18.9	18.6	18.3
EUW	56.2	55.2	54.8	56.1	57.7	56.4	57.2	57.9	60.0	60.4	61.2	61.9	62.5	63.3	64.0	64.7	65.5	66.2	66.9	67.6	68.3	69.0
EUE	25.1	25.3	24.6	26.9	25.6	24.7	24.0	23.8	23.8	24.0	24.2	24.4	24.6	24.7	24.9	25.1	25.3	25.5	25.7	25.9	26.1	26.2
JPN	37.8	32.0	33.6	33.3	32.2	33.1	34.0	37.1	39.1	41.5	41.6	41.4	40.8	39.7	38.7	38.8	38.9	39.0	39.2	39.3	39.5	39.6
KOR	2.1	1.9	2.3	2.8	2.7	2.9	3.1	3.5	3.1	3.2	3.2	3.3	3.4	3.5	3.6	3.6	3.7	3.8	3.9	4.0	4.1	4.2
CHN	29.6	27.0	29.5	32.7	38.7	40.2	39.0	38.8	37.3	38.7	40.1	41.4	42.6	43.8	44.9	46.1	47.3	48.4	49.6	50.7	51.9	53.0
THK	.4	.4	.3	.4	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3
MAE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IDN	.6	.3	.3	.4	.4	.3	.4	.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PHL	.1	.1	.1	.1	.1	.1	.0	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PNG	.1	.1	.1	.1	.1	.1	.1	.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ICH	.2	.2	.2	.2	.2	.2	.2	.2	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3
IND	3.1	3.4	3.7	4.0	4.4	4.8	4.8	4.8	4.8	5.3	5.5	5.8	6.0	6.2	6.4	6.7	6.9	7.1	7.3	7.6	7.8	8.0
MDE	10.3	10.3	10.3	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.6	9.6	9.6	9.7	9.7	9.8	9.8	9.8	9.9	9.9	10.0	10.0
SUW	132.3	131.8	131.3	130.1	128.8	131.7	135.8	134.5	134.5	133.3	132.1	130.9	129.7	128.5	127.3	126.2	125.1	123.9	122.8	121.8	120.7	119.6
SUE	39.8	39.8	39.4	39.7	39.1	40.4	43.1	43.5	43.5	43.9	44.3	44.8	45.2	45.6	46.0	46.5	46.9	47.4	47.8	48.3	48.7	49.2
AFE	1.0	.9	1.0	.8	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.8
AFN	.2	.3	.4	.5	.4	.6	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4
AFS	4.0	4.1	4.0	3.7	3.9	3.9	3.9	3.5	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6
AFW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AUS	2.7	2.9	2.8	2.5	2.8	3.4	3.5	3.5	3.5	3.6	3.7	3.8	4.0	4.1	4.2	4.3	4.4	4.5	4.6	4.7	4.8	4.9
NWZ	4.4	4.9	5.1	4.7	4.7	5.0	5.4	4.7	4.0	3.9	3.9	3.9	3.9	4.0	4.0	4.1	4.0	4.0	4.0	4.0	4.0	4.0
OCN	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT	663.4	628.1	621.2	679.6	688.9	699.6	726.2	755.3	755.3	757.7	762.4	766.2	769.3	771.5	773.7	777.1	780.2	783.5	786.7	789.8	793.1	796.3

CONIFEROUS-NONCONIFEROUS PLYWOOD SUBSTITUTION (13 November 1989)

EXPORTS, CONIFEROUS SAWLOGS (million cubic meters)

	HISTORY								FORECAST													
REG	1980	1981	1982	1983	1984	1985	1986	1987	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
WST	13.2	9.9	12.8	13.0	13.9	15.0	13.9	15.8	16.4	16.2	15.4	14.8	14.4	15.6	14.3	13.8	13.1	12.7	12.2	12.1	11.6	11.1
EST	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
INT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ASK	.8	.7	1.2	1.3	1.2	1.5	1.7	2.3	2.3	2.2	2.2	2.2	2.1	2.1	2.1	2.1	2.1	2.1	2.0	2.0	2.0	2.0
CAL	.2	.1	.1	.2	.2	.3	.1	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2
USS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
USN	1.6	1.2	1.6	.2	2.0	2.0	1.9	1.6	1.5	1.6	1.7	1.8	1.9	1.9	2.0	2.0	2.0	2.1	2.2	2.2	2.3	2.3
CBC	1.2	.9	1.3	2.4	3.5	2.7	2.8	3.7	3.4	3.0	2.9	2.8	2.7	2.6	2.5	2.4	2.3	2.2	2.1	2.0	2.0	2.0
CIN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CEA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CAM	.0	.0	.0	.0	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
BRA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SAN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CHI	1.0	.4	.9	1.0	.9	1.3	1.0	1.3	2.6	3.0	3.8	4.6	4.7	3.1	3.5	4.3	5.0	5.8	6.7	7.1	7.6	8.0
SAS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
FIN	.7	.7	.3	.4	.4	.5	.3	.3	0.0	.4	.4	.5	.5	.5	.6	.6	.7	.7	.7	.8	.8	.9
SWE	.2	.2	.1	.2	.2	.2	.2	.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
EUW	2.1	1.8	2.0	2.0	2.2	2.6	2.4	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
EUE	.9	.6	.8	.4	.4	.5	.5	.6	.5	.5	.5	.5	.5	.5	.4	.4	.4	.4	.4	.3	.3	.3
JPN	.0	.0	.0	.0	.0	.0	.0	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
KOR	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CHN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
THK	.0	.0	.0	.0	.0	.0	.0	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IDN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PHL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PNG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ICH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IND	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MDE	.0	.0	.0	.0	.0	.0	.0	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUW	1.4	1.3	1.1	1.1	1.3	1.2	1.3	1.5	1.5	1.4	1.5	1.5	1.6	1.6	1.7	1.8	1.8	1.9	1.9	2.0	2.0	2.1
SUE	5.0	4.7	5.0	6.1	6.2	6.4	7.7	7.3	7.3	7.3	7.4	7.5	7.6	7.6	7.7	7.8	7.9	7.9	8.0	8.1	8.2	8.2
AFE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AFN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AFS	.0	.0	.0	.0	.0	.0	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AFW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AUS	.0	.0	.0	.0	.0	.0	.0	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NWZ	1.3	.9	.5	.5	.5	.4	.4	.4	.6	1.2	1.2	1.4	1.6	1.4	1.7	2.2	2.6	2.9	3.2	3.5	4.2	4.8
OCN	.0	.0	.0	.0	.0	.0	.0	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2
TOT	29.4	23.6	27.8	28.8	33.1	34.6	34.5	37.6	36.4	37.3	37.3	37.8	37.8	37.3	36.8	37.6	38.3	39.0	39.8	40.5	41.3	42.1

CONIFEROUS-NONCONIFEROUS PLYWOOD SUBSTITUTION (13 November 1989)

IMPORTS, CONIFEROUS SAWLOGS (million cubic meters)

	HISTORY								FORECAST													
REG	1980	1981	1982	1983	1984	1985	1986	1987	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
WST	.3	.2	.3	.4	.3	.2	.1	.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
EST	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
INT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ASK	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CAL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
USS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
USN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CBC	.0	.0	.0	.0	.1	.3	.5	.5	.3	.3	.3	.3	.3	.3	.3	.4	.4	.4	.4	.4	.4	.4
CIN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CEA	1.4	1.0	1.3	1.5	1.8	1.8	1.6	1.4	1.5	1.6	1.7	1.8	1.9	1.9	2.0	2.0	2.0	2.1	2.2	2.2	2.3	2.3
CAM	.1	.1	.0	.1	.0	.0	.0	.0	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
BRA	0.0	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SAN	.0	.1	.1	.1	.0	.0	.0	.0	0.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.1	.1	.1	.1
CHI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SAS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
FIN	.6	.5	.6	.5	.6	.6	.5	.5	.7	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2
SWE	.5	.4	.4	.3	.4	.5	.6	.8	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2
EUW	3.9	3.6	3.6	3.6	3.4	3.6	3.3	3.3	3.2	1.4	.7	.6	.5	.5	.5	.5	.5	.4	.4	.4	.4	.4
EUE	1.0	.9	.4	.6	.6	.6	.7	.6	.6	.7	.7	.8	.8	.9	.9	1.0	1.1	1.1	1.2	1.2	1.3	1.4
JPN	20.0	15.3	16.3	16.5	15.8	16.7	17.9	20.5	22.5	24.5	24.2	23.8	22.8	21.5	20.1	20.0	19.8	19.7	19.6	19.5	19.4	19.3
KOR	1.5	1.2	1.5	2.1	2.1	2.2	2.4	2.8	2.5	2.5	2.6	2.6	2.7	2.8	2.9	3.0	3.1	3.2	3.3	3.3	3.5	3.6
CHN	.6	1.0	3.0	5.3	6.7	7.5	5.9	5.7	4.2	5.1	5.9	6.7	7.4	8.0	8.7	9.3	10.0	10.6	11.2	11.8	12.4	13.0
THK	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
MAE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IDN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PHL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PNG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ICH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IND	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MDE	.1	.1	.1	.1	.1	.2	.2	.4	.3	.4	.4	.5	.5	.5	.6	.6	.7	.7	.7	.8	.8	.9
SUW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AFE	.0	.0	.0	.0	.0	.0	.0	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AFN	.2	.2	.3	.4	.4	.5	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3
AFS	0.0	.0	.0	.0	.0	.0	.0	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AFW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AUS	0.0	0.0	0.0	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NWZ	.0	.0	.0	.0	.0	.0	.0	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
OCN	.0	.0	.0	.0	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOT	30.3	24.7	28.2	31.6	32.3	34.7	34.0	37.2	36.4	37.3	37.3	37.8	37.8	37.3	36.8	37.6	38.3	39.0	39.8	40.5	41.3	42.1

CONIFEROUS-NONCONIFEROUS PLYWOOD SUBSTITUTION (13 November 1989)

PRICES, CONIFEROUS SAWLOGS (1980 USD/cubic meter)

	HISTORY								FORECAST													
REG	1980	1981	1982	1983	1984	1985	1986	1987	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
WSV	56.3	52.8	42.3	41.8	40.4	38.1	40.4	43.5	43.2	44.6	45.2	45.3	45.4	46.4	46.6	46.8	47.0	47.3	47.4	47.6	47.6	47.6
WSB	56.3	52.8	42.3	41.8	40.4	38.1	40.4	43.5	43.2	44.6	45.2	45.3	45.4	46.4	46.6	46.8	47.0	47.3	47.4	47.6	47.6	47.6
ESV	44.4	38.0	32.7	38.3	34.0	35.9	37.3	39.2	38.8	41.7	42.3	42.4	42.2	42.1	42.0	41.9	41.8	41.9	42.0	42.1	42.4	42.6
ESB	44.4	38.0	32.7	38.3	34.0	35.9	37.3	39.2	38.8	41.7	42.3	42.4	42.2	42.1	42.0	41.9	41.8	41.9	42.0	42.1	42.4	42.6
INV	40.6	35.8	30.5	34.7	32.0	31.1	32.8	34.5	34.3	37.4	38.8	39.4	39.4	39.2	39.1	39.1	39.2	39.5	39.9	40.3	40.8	41.4
INB	40.6	35.8	30.5	34.7	32.0	31.1	32.8	34.5	34.3	37.4	38.8	39.4	39.4	39.2	39.1	39.1	39.2	39.5	39.9	40.3	40.8	41.4
ASK	106.5	88.1	85.9	75.5	68.7	67.4	71.3	82.5	82.2	83.6	84.2	84.3	84.4	85.4	85.6	85.8	86.0	86.3	86.4	86.6	86.6	86.6
CAL	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
USS	32.6	31.0	28.6	33.0	33.3	29.9	30.1	30.6	32.1	33.1	34.2	35.1	35.9	36.7	37.4	38.0	38.6	39.1	39.6	40.0	40.4	40.8
USN	27.7	26.3	27.6	27.1	24.0	27.9	26.9	30.0	30.1	30.3	30.6	30.9	31.2	31.5	31.8	32.1	32.4	32.7	33.1	33.5	33.8	34.2
CBC	42.5	35.7	34.8	36.5	32.8	30.6	30.5	34.2	35.0	34.6	34.6	34.5	34.5	34.4	34.4	34.3	34.3	34.3	34.2	34.2	34.2	34.3
CIN	20.7	17.9	17.3	18.5	17.2	16.5	17.6	17.6	18.0	18.0	18.0	18.1	18.1	18.8	19.3	19.4	19.4	19.5	19.6	19.6	19.6	19.5
CEA	22.9	22.3	19.3	25.4	24.0	23.7	23.6	25.1	26.1	26.1	26.1	26.1	26.1	26.2	26.3	26.5	26.6	26.7	26.9	27.0	27.2	27.4
CAM	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	49.7	51.1	51.7	51.8	51.9	52.9	53.1	53.3	53.5	53.8	53.9	54.1	54.1	54.1
BRA																						
SAN																						
CHI	25.2	19.1	18.8	13.8	13.7	14.4	14.4	16.3	16.2	17.4	18.0	18.1	18.2	19.2	19.4	19.6	19.8	20.1	20.2	20.4	20.4	20.4
SAS																						
FIN	51.5	43.7	36.3	34.7	35.0	33.7	40.6	44.4	44.5	45.0	45.1	45.1	45.1	45.1	45.2	45.2	45.2	45.3	45.4	45.4	45.5	45.6
SWE	67.8	47.9	39.5	38.0	40.6	40.3	50.9	60.1	54.7	53.3	53.4	53.3	53.2	53.1	53.4	53.6	53.8	54.0	54.2	54.5	54.7	54.9
EUW	91.3	70.7	60.9	50.0	47.4	42.8	61.3	65.0	64.9	66.1	66.7	66.8	66.7	66.8	66.8	66.9	66.9	67.0	67.1	67.3	67.4	67.5
EUE	63.4	61.9	61.5	62.0	59.2	58.6	60.8	62.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
JPN	178.9	142.8	120.1	113.2	105.4	104.8	138.8	167.3	167.1	168.5	169.1	169.2	169.3	170.3	170.5	170.7	170.9	171.2	171.3	171.5	171.5	171.5
KOR	159.4	108.0	103.9	85.4	105.9	77.6	81.0	101.9	101.6	103.0	103.6	103.7	103.8	104.8	105.0	105.2	105.4	105.7	105.8	106.0	106.0	106.0
CHN	47.0	80.0	80.0	81.0	82.0	82.0	82.0	82.0	81.7	83.1	83.7	83.8	83.9	84.9	85.1	85.3	85.5	85.8	85.9	86.1	86.1	86.1
THK	230.5	212.3	178.5	163.6	146.6	127.8	130.7	203.4	203.4	204.8	205.4	205.5	205.6	206.6	206.8	207.0	207.2	207.5	207.6	207.8	207.8	207.8
MAE																						
MAW																						
IDN																						
PHL																						
PNG																						
ICH																						
IND																						
MDE	0.0	0.0	0.0	0.0	112.0	112.0	118.0	118.0	117.7	118.6	118.7	118.7	118.7	118.7	118.8	118.8	118.8	118.9	119.0	119.0	119.1	119.2
SUW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	50.0	49.8	50.3	50.4	50.4	50.4	50.4	50.5	50.5	50.5	50.6	50.7	50.7	50.8	50.9
SUE	50.0	39.2	31.5	30.2	28.3	28.4	33.3	30.4	30.2	31.6	32.2	32.3	32.4	33.4	33.6	33.8	34.0	34.3	34.4	34.6	34.6	34.6
AFE																						
AFN	174.3	181.6	157.5	132.7	135.1	128.9	119.7	125.0	124.7	125.3	125.4	125.4	125.4	125.4	125.5	125.5	125.5	125.6	125.7	125.7	125.8	125.9
AFS																						
AFW																						
AUS																						
NWZ	15.2	13.8	14.1	14.0	14.1	14.9	21.9	26.9	26.7	28.1	28.7	28.8	28.9	29.9	30.1	30.3	30.5	30.8	30.9	31.1	31.1	31.1
OCN	117.0	73.0	72.0	50.0	55.0	45.0	45.0	45.0	44.8	46.2	46.8	46.9	47.0	48.0	48.2	48.4	48.6	48.9	49.0	49.2	49.2	49.2
AVE	53.2	45.3	39.6	38.2	36.5	34.3	39.6	42.3	42.3	43.3	43.9	44.2	44.4	45.0	45.3	45.5	45.7	46.0	46.2	46.4	46.6	46.8
FWA	50.2	42.7	37.1	37.2	35.6	33.9	39.0	42.3	42.4	43.3	43.9	44.1	44.3	44.8	45.0	45.2	45.4	45.6	45.8	46.0	46.2	46.4

CONIFEROUS-NONCONIFEROUS PLYWOOD SUBSTITUTION (13 November 1989)

PRODUCTION, NONCONIFEROUS SAWLOGS (million cubic meters)

	HISTORY								FORECAST													
REG	1980	1981	1982	1983	1984	1985	1986	1987	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
WSV	1.0	1.0	.9	1.1	1.4	1.4	1.6	1.9	1.9	2.0	2.2	2.4	2.5	2.7	2.9	3.0	3.2	3.3	3.5	3.7	3.8	4.0
WSB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ESV	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ESB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
INV	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
INB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ASK	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CAL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
USS	20.7	20.2	18.0	19.1	21.1	20.9	22.1	23.0	23.0	24.2	24.7	25.6	26.1	26.8	27.3	27.9	28.4	28.9	29.3	29.9	30.5	30.9
USN	19.1	18.6	16.6	17.6	19.5	19.2	20.0	21.0	21.8	22.5	23.2	23.9	24.5	25.2	25.9	26.6	27.3	28.0	28.6	29.3	30.0	30.6
CBC	.2	.1	.2	.2	.2	.2	.2	.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CIN	.7	.8	.5	.5	.6	.7	.8	.9	.9	.9	1.0	1.1	1.1	1.2	1.2	1.3	1.4	1.4	1.5	1.6	1.6	1.7
CEA	4.4	3.5	3.0	3.7	4.1	4.2	4.5	4.8	4.8	5.1	5.4	5.8	6.1	6.4	6.7	7.0	7.4	7.7	8.0	8.3	8.7	9.0
CAM	2.6	2.5	2.2	2.1	1.9	1.8	1.8	1.9	1.8	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
BRA	16.3	16.0	16.6	17.4	18.0	18.0	18.7	18.7	18.5	18.9	19.2	19.6	19.9	20.3	20.6	21.0	21.3	21.7	22.0	22.4	22.7	23.1
SAN	7.0	6.9	6.4	6.3	6.2	6.6	6.5	6.6	6.3	6.4	6.5	6.5	6.6	6.6	6.6	6.7	6.7	6.8	6.8	6.9	6.9	7.0
CHI	.8	.6	.3	.4	.6	.7	.6	.8	.8	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7
SAS	3.5	3.7	3.8	3.8	4.0	3.9	4.4	4.5	4.6	4.9	5.0	5.1	5.1	5.2	5.3	5.3	5.4	5.5	5.5	5.6	5.7	5.7
FIN	1.9	1.7	1.7	1.6	1.5	1.5	1.5	1.6	1.6	1.7	1.7	1.8	1.8	1.9	1.9	2.0	2.0	2.1	2.1	2.2	2.2	2.3
SWE	.3	.2	.2	.3	.3	.3	.4	.4	.4	.4	.4	.4	.5	.5	.5	.5	.5	.5	.6	.6	.6	.6
EUW	22.5	22.1	20.8	20.0	21.1	21.8	22.3	22.5	22.5	23.0	23.4	23.7	24.1	24.5	24.9	25.4	25.8	26.3	26.8	27.4	27.9	28.5
EUE	12.3	12.3	12.2	12.3	12.7	12.6	12.6	12.7	12.7	12.8	12.9	13.0	13.1	13.2	13.3	13.4	13.6	13.7	13.8	13.9	14.0	14.1
JPN	3.7	3.2	3.1	3.0	3.0	2.9	2.6	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
KOR	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
CHN	17.7	16.7	16.8	17.4	20.3	20.8	21.0	21.0	21.0	21.3	21.6	21.9	22.2	22.6	22.9	23.2	23.5	23.8	24.1	24.4	24.7	25.0
THK	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2
MAE	17.5	20.4	22.9	22.6	21.9	23.0	21.3	24.8	22.4	22.4	22.4	22.7	22.7	22.9	22.9	23.1	23.3	23.5	23.6	23.5	23.2	22.9
MAW	10.5	10.2	9.8	10.2	9.2	7.9	8.6	10.3	9.5	9.4	9.2	9.2	9.0	9.0	9.2	9.4	9.5	9.7	9.8	9.9	10.0	10.0
IDN	27.6	23.3	22.8	25.5	27.0	25.0	27.4	30.5	29.8	31.0	31.2	31.7	31.8	32.3	32.6	33.0	33.2	33.4	33.6	33.8	34.1	34.4
PHL	6.4	5.4	4.1	4.4	3.3	3.7	3.1	3.4	3.1	3.2	3.2	3.2	3.2	3.2	3.3	3.3	3.3	3.3	3.3	3.3	3.4	3.4
PNG	1.3	1.2	1.9	1.8	1.8	1.8	2.1	2.4	2.1	2.2	2.2	2.3	2.3	2.4	2.4	2.5	2.5	2.6	2.7	2.7	2.8	2.8
ICH	6.1	5.0	5.2	4.9	5.4	5.3	5.5	5.7	5.6	5.5	5.6	5.7	5.7	5.8	5.8	5.9	5.9	6.0	6.0	6.0	6.1	6.1
IND	19.8	21.9	23.9	26.1	28.6	31.2	30.8	30.2	30.9	31.6	32.4	33.2	34.0	34.8	35.6	36.4	37.2	38.0	38.8	39.6	40.4	41.2
MDE	3.0	3.0	2.6	3.2	4.7	4.7	4.5	4.7	4.7	4.8	4.8	4.9	4.9	5.0	5.1	5.1	5.2	5.3	5.3	5.4	5.4	5.5
SUW	18.8	18.9	18.8	18.5	18.3	18.7	19.2	19.4	19.4	19.7	19.9	20.1	20.4	20.6	20.8	21.1	21.3	21.5	21.7	21.9	22.2	22.4
SUE	5.7	5.8	5.7	5.7	5.6	5.8	6.2	6.2	6.2	6.3	6.4	6.5	6.6	6.6	6.7	6.8	6.9	6.9	7.0	7.1	7.2	7.3
AFE	1.5	1.6	1.4	1.3	1.3	1.3	1.3	1.3	1.2	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
AFN	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
AFS	.6	.6	.6	.6	.6	.6	.6	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.6	.6	.6	.6
AFW	16.0	15.8	15.0	14.8	15.3	15.6	15.5	15.5	15.5	15.4	15.4	15.4	15.3	15.3	15.3	15.2	15.2	15.1	15.1	15.1	15.0	15.0
AUS	6.0	6.0	5.6	4.5	5.0	5.1	5.3	5.2	5.2	5.0	4.9	4.8	4.7	4.6	4.5	4.4	4.2	4.1	4.0	3.9	3.8	3.7
NWZ	.1	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
OCN	.6	.7	.7	.7	.6	.7	.7	.7	.7	.7	.7	.7	.8	.8	.8	.8	.8	.8	.8	.8	.8	.9
TOT	276.3	270.3	264.9	271.9	285.5	288.4	294.0	306.2	302.4	308.9	313.1	318.3	322.4	327.6	332.4	337.6	342.5	347.3	352.0	356.7	361.2	365.5

CONIFEROUS-NONCONIFEROUS PLYWOOD SUBSTITUTION (13 November 1989)

CONSUMPTION, NONCONIFEROUS SAWLOGS (million cubic meters)

	HISTORY								FORECAST													
REG	1980	1981	1982	1983	1984	1985	1986	1987	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
WST	1.0	.9	.9	1.1	1.4	1.4	1.6	1.8	1.8	1.9	2.1	2.2	2.4	2.5	2.7	2.8	3.0	3.1	3.3	3.4	3.6	3.8
EST	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
INT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ASK	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CAL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
USS	20.3	19.9	17.7	18.8	20.8	20.6	21.6	22.5	22.4	23.1	23.7	24.4	25.0	25.8	26.5	27.2	27.8	28.5	29.2	29.8	30.4	30.9
USN	18.7	18.3	16.3	17.3	19.1	18.9	19.9	20.7	21.6	22.3	23.0	23.7	24.3	25.0	25.7	26.4	27.1	27.8	28.4	29.1	29.8	30.4
CBC	.2	.1	.2	.2	.2	.2	.2	.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CIN	.7	.8	.5	.5	.6	.7	.8	.9	.9	.9	1.0	1.1	1.1	1.2	1.2	1.3	1.4	1.4	1.5	1.6	1.6	1.7
CEA	4.6	3.7	3.1	3.8	4.3	4.3	4.7	5.0	5.0	5.3	5.6	6.0	6.3	6.6	6.9	7.2	7.6	7.9	8.2	8.5	8.9	9.2
CAM	2.6	2.5	2.2	2.1	1.9	1.9	1.8	1.9	1.8	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
BRA	16.3	16.0	16.7	17.4	18.0	18.0	18.7	18.7	18.5	18.9	19.2	19.6	19.9	20.3	20.6	21.0	21.3	21.7	22.0	22.4	22.7	23.1
SAN	7.0	6.9	6.4	6.3	6.2	6.6	6.5	6.5	6.3	6.4	6.5	6.5	6.6	6.6	6.6	6.7	6.7	6.8	6.8	6.9	6.9	7.0
CHI	.7	.6	.3	.4	.6	.7	.6	.8	.8	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7
SAS	3.5	3.7	3.8	3.8	4.0	3.9	4.4	4.5	4.6	4.9	5.0	5.1	5.1	5.2	5.3	5.3	5.4	5.5	5.5	5.6	5.7	5.7
FIN	1.9	1.7	1.7	1.6	1.5	1.5	1.5	1.6	1.6	1.7	1.7	1.8	1.8	1.9	1.9	2.0	2.0	2.1	2.1	2.2	2.2	2.3
SWE	.3	.2	.2	.2	.3	.3	.3	.3	.3	.3	.4	.4	.4	.4	.4	.4	.4	.4	.5	.5	.5	.5
EUW	28.6	26.8	25.0	24.3	25.2	25.4	25.7	26.0	26.0	26.0	26.1	26.2	26.4	26.6	26.9	27.2	27.5	27.8	28.1	28.5	28.9	29.2
EUE	12.2	12.3	12.2	12.2	12.7	12.7	12.6	12.7	12.7	12.8	12.9	13.0	13.1	13.2	13.3	13.4	13.6	13.7	13.8	13.9	14.0	14.1
JPN	22.9	18.5	18.3	17.3	16.4	16.2	15.5	16.4	15.8	16.0	16.1	16.2	16.1	16.0	15.6	15.4	15.2	14.9	14.7	14.4	14.0	13.7
KOR	4.7	4.5	4.2	4.5	4.0	3.6	5.0	3.8	3.8	4.2	4.3	4.5	4.4	4.4	4.4	4.4	4.4	4.3	4.3	4.2	4.2	4.1
CHN	18.9	16.9	17.5	18.1	20.8	21.6	21.6	21.8	21.8	22.1	22.4	22.8	23.1	23.4	23.8	24.1	24.4	24.7	25.1	25.4	25.7	26.0
THK	6.0	5.7	4.8	5.5	4.8	4.4	4.4	4.7	4.3	4.5	4.6	4.8	5.0	5.2	5.5	5.8	6.1	6.4	6.6	6.8	6.9	6.9
MAE	2.5	4.8	3.9	3.9	5.3	3.3	2.3	2.0	2.5	2.5	2.4	2.4	2.3	2.3	2.4	2.4	2.5	2.5	2.6	2.6	2.7	2.7
MAW	11.3	10.8	10.1	10.6	9.4	8.0	8.7	10.3	9.4	9.4	9.2	9.1	9.0	9.0	9.1	9.3	9.5	9.6	9.8	9.9	9.9	10.0
IDN	12.7	17.1	19.7	22.5	25.2	25.0	27.4	30.5	29.8	31.0	31.2	31.7	31.8	32.3	32.6	33.0	33.2	33.4	33.6	33.8	34.1	34.4
PHL	5.2	3.7	3.4	3.6	2.5	3.2	2.8	3.4	3.0	3.1	3.1	3.1	3.1	3.1	3.1	3.2	3.2	3.2	3.2	3.2	3.2	3.2
PNG	.7	.4	.9	.8	.5	.7	.8	1.0	1.0	1.0	1.0	1.1	1.1	1.1	1.1	1.2	1.2	1.2	1.2	1.3	1.3	1.3
ICH	6.1	5.1	5.3	5.0	5.4	5.4	5.5	5.8	5.6	5.5	5.6	5.7	5.7	5.8	5.8	5.9	5.9	6.0	6.0	6.0	6.1	6.1
IND	19.7	21.7	23.8	26.0	28.5	31.1	31.0	30.9	30.9	31.6	32.4	33.2	34.0	34.8	35.6	36.4	37.2	38.0	38.8	39.6	40.4	41.2
MDE	3.2	3.2	2.7	3.3	4.7	4.7	4.8	4.8	4.7	4.8	4.8	4.9	4.9	5.0	5.1	5.1	5.2	5.3	5.3	5.4	5.4	5.5
SUW	18.8	18.9	18.8	18.5	18.3	18.7	19.2	19.4	19.4	19.7	19.9	20.1	20.4	20.6	20.8	21.1	21.3	21.5	21.7	21.9	22.2	22.4
SUE	5.6	5.7	5.6	5.7	5.6	5.7	6.1	6.2	6.2	6.2	6.3	6.3	6.4	6.5	6.5	6.6	6.7	6.7	6.8	6.9	7.0	7.0
AFE	1.5	1.6	1.4	1.3	1.3	1.3	1.3	1.3	1.2	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
AFN	.4	.3	.3	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.5	.5	.5	.5
AFS	.6	.7	.6	.6	.6	.6	.6	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.6	.6	.6	.6
AFW	10.1	11.3	10.3	10.3	10.3	11.4	11.8	12.1	12.1	12.2	12.4	12.5	12.6	12.8	12.9	13.0	13.2	13.3	13.5	13.6	13.7	13.9
AUS	6.0	6.0	5.6	4.5	5.0	5.1	5.3	5.2	5.2	5.0	4.9	4.8	4.7	4.6	4.5	4.4	4.2	4.1	4.0	3.9	3.8	3.7
NWZ	.1	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
OCN	.4	.4	.3	.3	.3	.3	.3	.3	.3	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4
TOT	276.0	271.9	264.9	272.6	286.3	287.9	295.7	305.4	302.4	308.9	313.1	318.3	322.4	327.6	332.4	337.6	342.5	347.3	352.0	356.7	361.2	365.5

CONIFEROUS-NONCONIFEROUS PLYWOOD SUBSTITUTION (13 November 1989)

EXPORTS, NONCONIFEROUS SAWLOGS (million cubic meters)

	HISTORY								FORECAST													
REG	1980	1981	1982	1983	1984	1985	1986	1987	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
WST	.1	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.1	.1	.2	.2	.2	.2	.2	.2	.2	.2	.3
EST	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
INT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ASK	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CAL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
USS	.4	.3	.3	.3	.3	.3	.5	.5	.5	1.1	1.0	1.2	1.0	1.0	.8	.7	.6	.4	.1	.1	.1	.1
USN	.4	.3	.2	.3	.4	.3	.2	.3	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2
CBC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CIN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CEA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CAM	.0	.0	.0	.0	.0	.0	.0	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
BRA	.0	.0	.0	.0	.0	.0	.0	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SAN	.0	.1	.0	.0	.0	.0	.0	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CHI	.0	.0	.0	.0	.0	.0	.0	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SAS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
FIN	.0	.0	.0	.0	.0	.0	.0	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SWE	.0	.0	.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
EUW	2.2	2.1	1.9	1.9	2.2	2.4	2.5	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
EUE	.3	.2	.2	.2	.2	.1	.1	.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
JPN	.0	.0	.0	.0	.0	.0	.0	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
KOR	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CHN	.0	.0	.0	.0	.0	.0	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
THK	.0	.0	.0	.0	.1	.0	.0	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAE	14.9	15.6	19.0	18.6	16.6	19.8	18.9	22.8	19.9	19.9	20.0	20.3	20.3	20.6	20.6	20.7	20.8	20.9	21.1	20.9	20.6	20.2
MAW	.3	.2	.3	.1	.1	.0	.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
IDN	14.9	6.2	3.1	3.0	1.7	.0	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PHL	1.2	1.7	.8	.8	.8	.5	.3	.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
PNG	.6	.7	1.1	1.0	1.3	1.2	1.3	1.4	1.1	1.2	1.2	1.2	1.2	1.3	1.3	1.3	1.4	1.4	1.4	1.5	1.5	1.5
ICH	.1	.1	.1	.1	.2	.2	.2	.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IND	.2	.1	.1	.1	.1	.1	.2	.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MDE	.0	.0	.0	.0	.1	.1	.0	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUE	.1	.1	.1	.1	.0	.1	.1	.1	.1	.1	.1	.1	.1	.2	.2	.2	.2	.2	.2	.2	.2	.2
AFE	.0	.0	.0	.0	.0	.0	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AFN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AFS	.0	.0	.0	.0	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AFW	6.0	4.6	4.7	4.5	5.1	4.2	3.8	3.4	3.3	3.2	3.0	2.9	2.7	2.5	2.4	2.2	2.0	1.8	1.7	1.5	1.3	1.1
AUS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NWZ	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
OCN	.3	.3	.3	.3	.3	.4	.3	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.5	.5	.5	.5	.5
TOT	42.0	32.8	32.4	31.8	29.6	29.7	28.8	32.1	25.9	26.3	26.2	26.7	26.4	26.5	26.2	26.2	26.1	25.9	25.7	25.3	24.8	24.4

CONIFEROUS-NONCONIFEROUS PLYWOOD SUBSTITUTION (13 November 1989)

IMPORTS, NONCONIFEROUS SAWLOGS (million cubic meters)

	HISTORY								FORECAST													
REG	1980	1981	1982	1983	1984	1985	1986	1987	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
WST	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
EST	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
INT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ASK	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CAL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
USS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
USN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CBC	.0	.0	.0	.0	0.0	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CIN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CEA	.2	.2	.1	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2
CAM	0.0	0.0	0.0	0.0	.0	.0	.0	.0	0.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1
BRA	.0	.0	.0	.0	.0	.0	.1	.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SAN	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CHI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SAS	.0	.0	.0	.0	.0	.0	.0	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
FIN	.0	.0	.0	.0	.0	.0	.0	.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SWE	.0	.0	.0	.0	.0	.0	.0	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
EUW	8.4	6.9	6.1	6.2	6.3	6.0	6.0	6.0	3.5	3.0	2.6	2.5	2.3	2.2	2.0	1.8	1.6	1.5	1.3	1.1	.9	.7
EUE	.3	.2	.2	.2	.2	.2	.2	.1	.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
JPN	19.2	15.4	15.2	14.3	13.4	13.3	12.9	13.9	13.3	13.5	13.6	13.7	13.5	13.5	13.1	12.9	12.7	12.4	12.1	11.8	11.5	11.2
KOR	4.6	4.4	4.1	4.4	3.9	3.5	4.9	3.7	3.7	4.1	4.2	4.5	4.3	4.3	4.3	4.3	4.3	4.3	4.2	4.2	4.1	4.0
CHN	1.3	.3	.7	.7	.5	.9	.6	.8	.8	.8	.8	.8	.9	.9	.9	.9	1.0	1.0	1.0	1.0	1.0	1.0
THK	5.7	5.5	4.6	5.3	4.6	4.3	4.3	4.6	4.1	4.3	4.4	4.6	4.8	5.1	5.3	5.6	5.9	6.2	6.5	6.6	6.7	6.8
MAE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAW	1.1	.8	.5	.5	.3	.1	.1	.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IDN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PHL	.0	.0	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PNG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ICH	.1	.2	.2	.3	.2	.2	.2	.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IND	.1	.0	.0	.0	.0	.0	.4	.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MDE	.2	.2	.1	.1	.2	.1	.3	.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AFE	.0	.0	.0	.0	.0	.0	.0	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AFN	.3	.2	.2	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3
AFS	.1	.0	.0	.0	.0	.0	.0	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AFW	.0	.0	.0	.0	.0	.0	.0	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AUS	0.0	0.0	.0	.0	0.0	0.0	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NWZ	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
OCN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOT	41.7	34.4	32.3	32.6	30.4	29.3	30.5	31.3	25.9	26.3	26.2	26.7	26.4	26.5	26.2	26.2	26.1	25.9	25.7	25.3	24.8	24.4

CONIFEROUS-NONCONIFEROUS PLYWOOD SUBSTITUTION (13 November 1989)

PRICES, NONCONIFEROUS SAWLOGS (1980 USD/cubic meter)

	HISTORY								FORECAST													
REG	1980	1981	1982	1983	1984	1985	1986	1987	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
WSV	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	34.8	35.7	36.4	37.6	38.4	39.5	40.5	41.7	43.0	44.2	45.6	46.6	47.4	48.1
WSB																						
ESV																						
ESB																						
INV																						
INB																						
ASK																						
CAL																						
USS	18.4	18.7	17.7	17.9	21.6	21.8	22.4	21.7	21.7	22.5	23.2	24.4	25.2	26.3	27.3	28.5	29.8	31.0	32.4	34.0	35.9	37.8
USN	29.9	26.6	25.5	24.3	33.1	27.6	33.5	29.7	30.7	31.7	32.6	33.6	34.6	35.8	36.9	38.1	39.3	40.6	41.8	43.2	44.6	46.0
CBC																						
CIN																						
CEA	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	31.0	32.0	32.9	33.9	34.9	36.1	37.2	38.4	39.6	40.9	42.1	43.5	44.9	46.3
CAM																						
BRA																						
SAN																						
CHI																						
SAS																						
FIN	49.1	41.7	40.4	37.5	38.2	37.7	47.7	50.2	51.8	52.3	52.8	53.3	53.8	54.3	54.9	55.2	55.8	56.3	56.9	57.3	57.9	58.5
SWE	52.0	44.9	41.1	37.4	36.7	37.0	44.9	51.0	55.0	55.8	56.0	55.9	55.9	56.2	56.7	57.3	57.9	58.6	59.4	60.4	61.5	62.5
EUW	141.5	103.0	90.8	88.0	74.4	75.7	95.4	105.0	105.0	105.8	106.0	105.9	105.9	106.2	106.7	107.3	107.9	108.6	109.4	110.4	111.5	112.5
EUE																						
JPN	178.6	144.4	116.1	131.5	146.8	152.4	201.1	246.0	245.8	246.7	247.4	248.6	249.4	250.5	251.5	252.7	254.0	255.2	256.6	257.6	258.4	259.1
KOR	139.3	108.6	94.0	79.3	92.6	84.6	75.5	83.4	83.2	84.1	84.8	86.0	86.8	87.9	88.9	90.1	91.4	92.6	94.0	95.0	95.8	96.5
CHN	63.0	65.0	93.0	93.0	93.0	67.0	70.0	70.0	69.8	70.7	71.4	72.6	73.4	74.5	75.5	76.7	78.0	79.2	80.6	81.6	82.4	83.1
THK	114.0	90.5	83.1	80.2	82.5	72.6	91.3	108.3	108.1	109.0	109.7	110.9	111.7	112.8	113.8	115.0	116.3	117.5	118.9	119.9	120.7	121.4
MAE	80.4	62.0	68.3	57.6	62.4	50.5	53.2	66.3	66.1	67.0	67.7	68.9	69.7	70.8	71.8	73.0	74.3	75.5	76.9	77.9	78.7	79.4
MAW	77.7	64.1	50.4	58.5	51.6	48.2	43.5	53.5	56.6	57.3	57.0	57.4	57.4	58.1	59.7	61.8	63.8	66.0	68.0	69.7	71.5	73.2
IDN	59.8	44.7	52.4	51.1	41.9	46.2	49.4	53.4	52.1	54.8	55.7	57.0	57.7	59.2	60.5	61.7	62.8	63.8	64.7	65.9	67.0	68.4
PHL	129.0	99.1	93.5	70.8	90.1	75.1	80.7	86.3	74.8	77.8	78.1	79.5	80.3	82.2	84.0	85.7	87.4	88.9	90.5	92.6	94.5	96.3
PNG	72.4	56.5	56.6	45.8	51.9	43.7	46.3	65.7	65.5	66.4	67.1	68.3	69.1	70.2	71.2	72.4	73.7	74.9	76.3	77.3	78.1	78.8
ICH																						
IND																						
MDE																						
SUW																						
SUE	40.0	20.8	19.0	19.9	30.9	32.2	33.2	44.7	44.5	45.4	46.1	47.3	48.1	49.2	50.2	51.4	52.7	53.9	55.3	56.3	57.1	57.8
AFE																						
AFN	140.6	146.6	150.9	114.1	115.1	112.9	128.4	132.0	132.0	132.8	133.0	132.9	132.9	133.2	133.7	134.3	134.9	135.6	136.4	137.4	138.5	139.5
AFS																						
AFW	153.3	115.9	89.4	83.7	71.5	80.9	88.8	92.0	92.0	92.8	93.0	92.9	92.9	93.2	93.7	94.3	94.9	95.6	96.4	97.4	98.5	99.5
AUS																						
NWZ																						
OCN	58.0	43.0	57.0	50.0	62.0	49.0	51.0	53.0	52.8	53.7	54.4	55.6	56.4	57.5	58.5	59.7	61.0	62.2	63.6	64.6	65.4	66.1
AVE	70.7	55.1	54.3	50.4	48.2	46.0	51.2	56.2	55.6	56.7	57.2	57.9	58.4	59.4	60.3	61.4	62.5	63.6	64.8	66.0	67.3	68.6
FWA	68.4	53.1	52.5	49.5	48.2	45.6	50.9	56.2	56.0	57.3	57.9	58.8	59.5	60.5	61.6	62.8	63.9	65.1	66.3	67.6	68.9	70.2

CONIFEROUS-NONCONIFEROUS PLYWOOD SUBSTITUTION (13 November 1989)

PRODUCTION, CONIFEROUS PLYWOOD (million cubic meters)

	HISTORY								FORECAST													
REG	1980	1981	1982	1983	1984	1985	1986	1987	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
WST	6.9	6.3	5.8	7.5	7.6	7.6	8.8	9.2	8.8	8.5	8.3	8.3	8.3	8.1	8.1	8.1	8.0	8.0	8.0	7.9	7.9	7.9
EST	.8	.8	.6	.8	.9	.9	1.0	1.1	1.1	.9	.9	.9	.9	.9	.9	.9	.9	.9	1.0	1.0	1.0	1.0
INT	1.5	1.5	1.2	1.6	1.5	1.4	1.4	1.4	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
ASK	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CAL	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
USS	7.4	8.3	8.5	10.0	10.2	10.6	11.3	11.5	11.8	12.0	12.2	12.2	12.3	12.3	12.3	12.3	12.3	12.3	12.2	12.2	12.2	12.2
USN	.1	.1	.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
CBC	1.9	1.7	1.4	1.8	1.6	1.6	1.5	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
CIN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CEA	.4	.4	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3
CAM	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3
BRA	.5	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6
SAN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CHI	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1
SAS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
FIN	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.3
SWE	.1	.1	.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
EUW	1.6	1.5	1.4	1.4	1.5	1.4	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
EUE	.6	.6	.6	.6	.6	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.6
JPN	0.0	0.0	0.0	.1	.1	.1	.1	.1	.1	.3	.5	.7	.9	1.0	1.2	1.4	1.6	1.7	1.9	2.1	2.3	2.4
KOR	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CHN	.3	.3	.3	.4	.4	.5	.5	.5	.5	.7	.9	1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0
THK	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IDN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PHL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PNG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ICH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IND	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MDE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUW	1.2	1.3	1.2	1.3	1.3	1.3	1.4	1.4	1.4	1.4	1.4	1.5	1.5	1.5	1.5	1.6	1.6	1.6	1.7	1.7	1.7	1.8
SUE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AFE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AFN	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2
AFS	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
AFW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AUS	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	.2	.2	.2	.2
NWZ	.1	.1	.1	.1	.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2
OCN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOT	24.2	24.4	23.0	27.2	27.6	28.1	30.0	31.3	31.1	31.2	31.5	31.9	32.2	32.5	32.8	33.1	33.4	33.6	33.9	34.2	34.5	34.8

CONIFEROUS-NONCONIFEROUS PLYWOOD SUBSTITUTION (13 November 1989)

CONSUMPTION, CONIFEROUS PLYWOOD (million cubic meters)

	HISTORY								FORECAST													
REG	1980	1981	1982	1983	1984	1985	1986	1987	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
USW	5.2	4.9	4.3	5.8	5.9	5.5	5.8	6.1	6.1	6.1	6.1	6.1	6.2	6.2	6.3	6.4	6.4	6.4	6.5	6.5	6.6	6.6
USS	6.3	6.6	6.9	8.4	8.5	8.3	8.7	8.3	8.2	8.1	8.1	8.0	8.0	7.9	7.9	7.8	7.8	7.7	7.6	7.6	7.5	7.5
USN	4.8	4.9	4.5	5.1	5.4	6.1	7.1	8.0	8.0	7.8	7.7	7.7	7.6	7.6	7.5	7.5	7.4	7.4	7.3	7.2	7.2	7.2
CAN	1.9	1.8	1.4	1.7	1.5	1.6	1.7	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
CAM	.4	.4	.4	.4	.4	.3	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4
BRA	.5	.6	.6	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.4
SAN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CHI	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1
SAS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
FIN	.0	.0	.0	.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
SWE	.2	.1	.1	.1	.1	.1	.1	.2	.2	.2	.2	.2	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1
EUW	2.8	2.8	2.6	2.7	2.7	2.7	2.9	2.9	2.9	3.0	3.0	3.0	3.1	3.1	3.1	3.2	3.2	3.3	3.3	3.3	3.4	3.4
EUE	.6	.6	.6	.5	.6	.6	.6	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5
JPN	0.0	0.0	0.0	.1	.1	.2	.2	.2	.2	.4	.6	.7	.9	1.1	1.3	1.4	1.6	1.8	2.0	2.2	2.3	2.5
KOR	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CHN	.3	.3	.3	.4	.4	.5	.5	.5	.5	.7	.9	1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0
THK	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IDN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PHL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PNG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ICH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IND	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MDE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUW	1.2	1.2	1.1	1.2	1.2	1.2	1.2	1.2	1.2	1.1	1.2	1.2	1.2	1.2	1.3	1.3	1.3	1.3	1.3	1.4	1.4	1.4
SUE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AFE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AFN	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2
AFS	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
AFW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AUS	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	.2	.2	.2	.2	.2	.2	.2	.2	.3
NWZ	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2
OCN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOT	24.5	24.6	23.1	27.4	27.7	28.0	30.1	31.3	31.1	31.2	31.5	31.9	32.2	32.5	32.8	33.1	33.4	33.6	33.9	34.2	34.5	34.8

CONIFEROUS-NONCONIFEROUS PLYWOOD SUBSTITUTION (13 November 1989)

EXPORTS, CONIFEROUS PLYWOOD (million cubic meters)

	HISTORY								FORECAST													
REG	1980	1981	1982	1983	1984	1985	1986	1987	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
WST	3.1	2.9	2.6	3.1	3.2	3.5	4.2	4.3	5.2	4.7	4.5	4.3	4.2	4.1	4.0	3.9	3.9	3.8	3.8	3.7	3.7	3.7
EST	.3	.3	.3	.4	.4	.5	.6	.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
INT	.6	.6	.5	.7	.6	.5	.6	.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ASK	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CAL	.0	.0	.0	.0	.0	.0	.0	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
USS	2.6	3.1	3.0	3.2	3.5	4.0	4.4	4.9	3.6	3.9	4.1	4.2	4.3	4.4	4.5	4.5	4.5	4.6	4.6	4.6	4.7	4.7
USN	.0	.0	.0	.0	.0	.0	.1	.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CBC	.5	.4	.4	.4	.4	.4	.3	.3	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2
CIN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CEA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CAM	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
BRA	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
SAN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CHI	0.0	0.0	.0	.0	.0	.0	.0	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SAS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
FIN	.2	.1	.1	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2
SWE	.0	.0	.0	.0	.0	.0	.0	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
EUW	.5	.5	.5	.6	.6	.5	.6	.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
EUE	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
JPN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
KOR	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CHN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
THK	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IDN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PHL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PNG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ICH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IND	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MDE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUW	.2	.2	.2	.2	.2	.2	.2	.2	.2	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.4
SUE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AFE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AFN	.0	.0	.0	.0	.0	.0	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AFS	.0	.0	.0	.0	.0	.0	.0	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AFW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AUS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NWZ	.0	.0	.0	.0	.0	.0	.0	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
OCN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOT	8.2	8.5	7.8	8.9	9.2	10.1	11.5	12.3	9.6	9.5	9.4	9.5	9.5	9.4	9.4	9.4	9.4	9.4	9.4	9.3	9.3	9.3

CONIFEROUS-NONCONIFEROUS PLYWOOD SUBSTITUTION (13 November 1989)

IMPORTS, CONIFEROUS PLYWOOD (million cubic meters)

	HISTORY								FORECAST													
REG	1980	1981	1982	1983	1984	1985	1986	1987	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
USW	.0	.0	.0	.0	.0	.0	.0	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
USS	1.5	1.4	1.4	1.6	1.8	1.7	1.8	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
USN	4.7	4.9	4.5	5.1	5.3	6.0	7.1	8.0	7.9	7.7	7.6	7.6	7.5	7.5	7.4	7.3	7.3	7.3	7.2	7.1	7.1	7.1
CAN	.0	.1	.0	.1	.0	.1	.1	.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CAM	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
BRA	.1	.1	.1	.1	.1	.1	.1	.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SAN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CHI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SAS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
FIN	.0	.0	.0	.0	.0	.0	.0	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SWE	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
EUW	1.7	1.7	1.6	1.8	1.8	1.8	2.0	2.0	1.4	1.5	1.5	1.5	1.6	1.6	1.6	1.7	1.7	1.8	1.8	1.8	1.9	1.9
EUE	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
JPN	0.0	0.0	0.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
KOR	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CHN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
THK	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IDN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PHL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PNG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ICH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IND	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MDE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUW	.1	.1	.1	.1	.1	.1	.1	.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AFE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AFN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AFS	.0	.0	.0	.0	.0	.0	.0	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AFW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AUS	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.1
NWZ	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
OCN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOT	8.5	8.6	8.0	9.0	9.4	10.0	11.5	12.4	9.6	9.5	9.4	9.5	9.5	9.4	9.4	9.4	9.4	9.4	9.4	9.3	9.3	9.3

CONIFEROUS-NONCONIFEROUS PLYWOOD SUBSTITUTION (13 November 1989)

PRICES, CONIFEROUS PLYWOOD (1980 USD/cubic meter)

	HISTORY								FORECAST													
REG	1980	1981	1982	1983	1984	1985	1986	1987	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
WSV	174.6	155.5	140.6	145.8	144.9	140.9	144.9	145.5	148.5	146.6	146.6	146.3	146.1	146.4	146.5	146.7	146.7	146.9	146.9	147.0	147.0	147.0
WSB																						
ESV	174.6	155.5	140.6	145.8	144.9	140.9	144.9	145.5	147.5	145.6	145.6	145.3	145.1	145.4	145.5	145.7	145.7	145.9	145.9	146.0	146.0	146.0
ESB																						
INV	174.6	155.5	140.6	145.8	144.9	140.9	144.9	145.5	147.5	145.6	145.6	145.3	145.1	145.4	145.5	145.7	145.7	145.9	145.9	146.0	146.0	146.0
INB																						
ASK																						
CAL																						
USS	162.9	135.4	129.1	143.7	130.8	129.4	139.6	135.4	138.4	136.5	136.4	136.2	136.0	136.3	136.4	136.6	136.6	136.8	136.8	136.9	136.9	136.9
USN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	155.0	158.0	156.1	156.1	155.8	155.6	155.9	156.0	156.2	156.2	156.4	156.4	156.5	156.5	156.5
CBC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	150.0	153.0	151.1	151.1	150.8	150.6	150.9	151.0	151.2	151.2	151.4	151.4	151.5	151.5	151.5
CIN																						
CEA																						
CAM	0.0	0.0	0.0	0.0	0.0	0.0	0.0	359.7	362.6	360.7	360.7	360.4	360.2	360.5	360.6	360.8	360.8	361.0	361.0	361.1	361.1	361.1
BRA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	281.5	284.4	282.5	282.5	282.2	282.0	282.3	282.4	282.6	282.6	282.8	282.8	282.9	282.9	282.9
SAN																						
CHI																						
SAS																						
FIN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	650.2	653.1	651.2	651.2	650.9	650.7	651.0	651.1	651.3	651.3	651.5	651.5	651.6	651.6	651.6
SWE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	698.7	701.7	699.8	699.8	699.5	699.3	699.6	699.7	699.9	699.9	700.1	700.1	700.2	700.2	700.2
EUW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	314.8	317.7	315.8	315.8	315.5	315.3	315.6	315.7	315.9	315.9	316.1	316.1	316.2	316.2	316.2
EUE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	326.8	329.8	327.9	327.9	327.6	327.4	327.7	327.8	328.0	328.0	328.2	328.2	328.3	328.3	328.3
JPN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	350.0	353.0	351.1	351.1	350.8	350.6	350.9	351.0	351.2	351.2	351.4	351.4	351.5	351.5	351.5
KOR																						
CHN																						
THK																						
MAE																						
MAW																						
IDN																						
PHL																						
PNG																						
ICH																						
IND																						
MDE																						
SUW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	250.0	253.0	251.1	251.1	250.8	250.6	250.9	251.0	251.2	251.2	251.4	251.4	251.5	251.5	251.5
SUE																						
AFE																						
AFN																						
AFS																						
AFW																						
AUS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	350.7	353.7	351.8	351.8	351.5	351.3	351.6	351.7	351.9	351.9	352.1	352.1	352.2	352.2	352.2
NWZ																						
OCN																						
AVE	169.4	145.7	134.6	144.8	137.7	135.0	142.2	140.5	143.2	141.2	141.0	140.7	140.5	140.8	140.9	141.0	141.1	141.3	141.3	141.4	141.4	141.4
FWA	168.8	145.5	134.9	144.8	137.9	135.2	142.3	140.5	143.4	141.5	141.4	141.2	141.0	141.3	141.4	141.5	141.6	141.8	141.8	141.9	141.9	141.9

CONIFEROUS-NONCONIFEROUS PLYWOOD SUBSTITUTION (13 November 1989)

PRODUCTION, NONCONIFEROUS PLYWOOD (million cubic meters)

	HISTORY								FORECAST													
REG	1980	1981	1982	1983	1984	1985	1986	1987	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
WST	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
EST	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
INT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ASK	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CAL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
USS	.6	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.6	.6	.6	.7	.7	.7	.8	.8	.8	.9	.9
USN	.6	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.6	.6	.6	.7	.7	.7	.8	.8	.8	.9	.9
CBC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CIN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CEA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CAM	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
BRA	.5	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.7	.7	.7	.7	.7	.7	.8	.8	.8
SAN	.3	.3	.3	.2	.2	.2	.2	.2	.2	.2	.3	.3	.3	.3	.3	.3	.3	.3	.4	.4	.4	.4
CHI	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SAS	.1	.1	.1	.1	.2	.1	.1	.1	.1	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2
FIN	.5	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.5	.5	.5	.5	.5	.5	.5	.6	.6	.6	.6
SWE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
EUW	1.6	1.5	1.4	1.4	1.5	1.4	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
EUE	.6	.6	.6	.6	.6	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.6
JPN	8.0	7.1	6.7	7.3	7.1	6.7	6.8	7.4	7.8	7.8	7.7	7.7	7.4	7.3	7.0	6.8	6.7	6.4	6.2	6.0	5.8	5.5
KOR	1.6	1.6	1.4	1.5	1.3	1.2	1.1	1.2	1.2	1.2	1.2	1.1	1.0	1.0	1.0	.9	.9	.8	.8	.7	.6	.6
CHN	.1	.1	.1	.2	.2	.2	.2	.2	.2	.3	.3	.3	.3	.3	.4	.4	.4	.4	.4	.5	.5	.5
THK	1.3	1.4	1.3	1.3	1.0	.9	.9	.9	.9	.9	.9	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8
MAE	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
MAW	1.0	1.0	1.0	1.1	1.0	1.0	.9	1.1	1.3	1.3	1.2	1.2	1.1	1.1	1.1	1.1	1.1	1.1	1.0	1.0	.9	.9
IDN	1.0	1.6	2.5	3.1	3.6	4.6	5.3	6.8	6.4	6.8	6.7	6.7	6.6	6.7	6.8	7.0	7.2	7.4	7.7	7.9	8.1	8.4
PHL	.6	.5	.3	.4	.5	.5	.4	.5	.5	.5	.4	.4	.4	.3	.3	.3	.3	.3	.3	.3	.3	.3
PNG	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
ICH	.1	.2	.2	.3	.3	.2	.2	.2	.2	.3	.3	.3	.3	.3	.3	.4	.4	.4	.4	.4	.4	.4
IND	.2	.3	.3	.3	.4	.4	.4	.4	.4	.4	.4	.4	.4	.5	.5	.5	.5	.5	.5	.6	.6	.6
MDE	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2
SUW	1.2	1.3	1.2	1.3	1.3	1.3	1.4	1.4	1.4	1.4	1.4	1.5	1.5	1.5	1.5	1.6	1.6	1.6	1.7	1.7	1.7	1.8
SUE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AFE	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
AFN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AFS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AFW	.7	.8	.7	.8	.8	.8	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	1.0	1.0	1.0	1.0	1.0	1.0
AUS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NWZ	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
OCN	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT	21.0	20.8	20.7	22.3	22.3	22.5	23.3	25.7	25.9	26.8	26.5	26.6	26.1	26.3	26.3	26.4	26.6	26.7	26.8	26.9	27.0	27.0

CONIFEROUS-NONCONIFEROUS PLYWOOD SUBSTITUTION (13 November 1989)

CONSUMPTION, NONCONIFEROUS PLYWOOD (million cubic meters)

	HISTORY								FORECAST													
REG	1980	1981	1982	1983	1984	1985	1986	1987	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
USW	.3	.3	.2	.3	.2	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3
USS	1.4	1.5	1.2	1.5	1.5	1.5	1.6	1.6	1.6	1.6	1.7	1.8	1.8	1.8	1.9	1.9	1.9	2.0	2.0	2.0	2.0	2.1
USN	.8	.8	.7	.9	.9	.9	.9	1.0	1.1	1.1	1.1	1.1	1.2	1.2	1.2	1.2	1.2	1.3	1.3	1.3	1.3	1.3
CAN	.0	.1	.0	.1	.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
CAM	.1	.2	.2	.2	.2	.1	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2
BRA	.5	.5	.5	.5	.4	.4	.4	.4	.4	.4	.4	.5	.5	.5	.5	.5	.5	.5	.6	.6	.6	.6
SAN	.3	.3	.3	.3	.3	.2	.2	.2	.2	.2	.3	.3	.3	.3	.3	.3	.3	.3	.4	.4	.4	.4
CHI	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SAS	.1	.1	.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
FIN	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
SWE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
EUW	2.8	2.8	2.6	2.7	2.7	2.7	2.9	2.9	2.9	3.0	3.0	3.0	3.1	3.1	3.1	3.2	3.2	3.3	3.3	3.3	3.4	3.4
EUE	.6	.6	.6	.5	.6	.6	.6	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5
JPN	8.0	7.0	6.7	7.2	7.1	7.0	7.4	9.1	9.1	9.6	8.7	8.4	7.4	7.3	7.0	6.8	6.7	6.4	6.2	6.0	5.8	5.5
KOR	.7	.5	.8	1.1	1.1	1.1	1.0	1.0	1.2	1.2	1.2	1.3	1.3	1.3	1.3	1.4	1.4	1.4	1.4	1.4	1.5	1.5
CHN	.1	.3	.6	.6	.8	1.0	1.2	1.7	1.7	1.8	1.8	1.8	1.8	1.8	1.9	1.9	1.9	1.9	1.9	2.0	2.0	2.0
THK	.7	.7	.6	.6	.8	.7	1.0	1.1	1.1	1.1	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
MAE	.0	.1	.1	.1	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
MAW	.3	.4	.3	.4	.4	.2	.2	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3
IDN	.8	.8	1.3	1.0	.8	1.0	.7	.8	.9	.9	1.0	1.1	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
PHL	.2	.1	.1	.1	.3	.3	.2	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3
PNG	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
ICH	.1	.2	.2	.2	.3	.2	.2	.2	.2	.3	.3	.3	.3	.3	.3	.4	.4	.4	.4	.4	.4	.4
IND	.2	.3	.3	.3	.4	.4	.4	.4	.4	.4	.4	.4	.4	.5	.5	.5	.5	.5	.5	.6	.6	.6
MDE	1.0	1.2	1.4	1.1	1.2	1.2	.9	.9	.9	1.0	1.0	1.1	1.2	1.2	1.3	1.3	1.4	1.5	1.5	1.6	1.6	1.7
SUW	1.2	1.2	1.1	1.2	1.2	1.2	1.2	1.2	1.2	1.1	1.2	1.2	1.2	1.2	1.3	1.3	1.3	1.3	1.3	1.4	1.4	1.4
SUE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AFE	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
AFN	.2	.3	.2	.4	.4	.4	.4	.4	.4	.4	.5	.5	.5	.5	.5	.6	.6	.6	.6	.6	.7	.7
AFS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AFW	.6	.6	.6	.6	.5	.6	.6	.6	.6	.6	.6	.6	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7
AUS	.0	.0	.1	.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2
NWZ	.0	.0	.0	.0	.0	.0	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
OCN	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1
TOT	21.1	21.0	20.9	22.3	22.4	22.5	23.1	25.6	25.9	26.8	26.5	26.6	26.1	26.3	26.3	26.4	26.6	26.7	26.8	26.9	27.0	27.0

CONIFEROUS-NONCONIFEROUS PLYWOOD SUBSTITUTION (13 November 1989)

EXPORTS, NONCONIFEROUS PLYWOOD (million cubic meters)

	HISTORY								FORECAST													
REG	1980	1981	1982	1983	1984	1985	1986	1987	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
WST	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
EST	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
INT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ASK	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CAL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
USS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
USN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CBC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CIN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CEA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CAM	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
BRA	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2
SAN	.1	.1	.1	.0	.0	.0	.0	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CHI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SAS	.1	.0	.1	.1	.1	.1	.0	.1	.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
FIN	.4	.4	.4	.3	.3	.3	.3	.3	.3	.3	.3	.4	.4	.4	.4	.4	.4	.4	.5	.5	.5	.5
SWE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
EUW	.5	.5	.5	.6	.6	.5	.6	.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
EUE	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
JPN	.1	.1	.1	.1	.1	.1	.1	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
KOR	.9	1.1	.6	.3	.2	.1	.2	.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CHN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
THK	.9	1.0	.8	.9	.6	.6	.5	.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAE	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
MAW	.9	1.0	1.0	1.1	.9	.9	.9	1.3	1.0	1.0	.9	.9	.8	.9	.9	.8	.8	.8	.7	.7	.7	.6
IDN	.2	.8	1.2	2.1	2.8	3.6	4.6	6.0	5.5	5.9	5.6	5.6	5.4	5.5	5.7	5.8	6.0	6.2	6.5	6.7	6.9	7.1
PHL	.3	.4	.3	.3	.2	.3	.3	.3	.2	.3	.2	.2	.1	.1	.1	.1	.0	.0	0.0	0.0	0.0	0.0
PNG	.0	.0	.0	.0	.0	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ICH	.0	.0	.0	.0	.0	.0	.0	.1	.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IND	.0	.0	.0	.0	.0	.0	.0	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MDE	.0	.0	.0	.0	.0	.0	.0	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUW	.2	.2	.2	.2	.2	.2	.2	.2	.2	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.4
SUE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AFE	.0	.0	.0	.0	.0	.0	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AFN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AFS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AFW	.3	.3	.2	.3	.3	.3	.3	.3	.2	.2	.2	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3
AUS	.0	.0	.0	.0	.0	.0	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NWZ	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
OCN	0.0	0.0	.0	0.0	.0	.0	.0	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOT	5.2	5.9	5.7	6.5	6.6	7.2	8.3	10.2	8.0	8.5	8.0	8.0	7.7	7.8	8.0	8.1	8.3	8.5	8.7	8.9	9.1	9.3

CONIFEROUS-NONCONIFEROUS PLYWOOD SUBSTITUTION (13 November 1989)

IMPORTS, NONCONIFEROUS PLYWOOD (million cubic meters)

	HISTORY								FORECAST													
REG	1980	1981	1982	1983	1984	1985	1986	1987	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
USW	.3	.3	.2	.3	.2	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3
USS	.8	1.0	.7	1.0	.9	1.1	1.2	1.1	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
USN	.2	.3	.2	.4	.4	.4	.5	.6	.6	.6	.6	.6	.6	.6	.5	.5	.5	.5	.5	.5	.5	.4
CAN	.0	.1	.0	.1	.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
CAM	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
BRA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SAN	.0	.1	.1	.1	.0	.0	.0	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CHI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SAS	.0	.0	.0	.0	.0	.0	.0	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
FIN	.0	.0	.0	.0	.0	.0	.0	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SWE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
EUW	1.7	1.7	1.6	1.8	1.8	1.8	2.0	2.0	1.4	1.5	1.5	1.5	1.6	1.6	1.6	1.7	1.7	1.8	1.8	1.8	1.9	1.9
EUE	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
JPN	.1	.0	.0	.0	.1	.3	.7	1.7	1.3	1.7	1.0	.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
KOR	.0	.0	.0	.0	.0	.0	.0	.0	0.0	0.0	.1	.1	.3	.3	.4	.4	.5	.6	.7	.8	.8	.9
CHN	0.0	.2	.5	.5	.6	.8	1.0	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
THK	.2	.3	.2	.2	.3	.4	.6	.8	.3	.2	.3	.3	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4
MAE	.0	.0	.0	.0	.0	.0	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAW	.3	.3	.3	.4	.3	.2	.2	.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IDN	.0	.0	.0	.0	.0	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PHL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PNG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ICH	.0	.0	.0	.0	.0	.0	.0	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IND	.0	.0	.0	.0	.0	.0	.0	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MDE	.8	1.1	1.2	.9	1.0	1.1	.7	.7	.7	.8	.8	.9	1.0	1.0	1.1	1.1	1.2	1.3	1.3	1.4	1.4	1.5
SUW	.1	.1	.1	.1	.1	.1	.1	.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AFE	.0	.0	.0	.0	.0	.0	.0	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AFN	.2	.3	.2	.4	.4	.4	.4	.4	.4	.4	.5	.5	.5	.5	.5	.6	.6	.6	.6	.6	.7	.7
AFS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AFW	.1	.1	.1	.1	.0	.0	.0	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AUS	.1	.0	.1	.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2
NWZ	.0	.0	.0	.0	.0	.0	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
OCN	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT	5.2	6.1	5.8	6.5	6.6	7.2	8.1	10.1	8.0	8.5	8.0	8.0	7.7	7.8	8.0	8.1	8.3	8.5	8.7	8.9	9.1	9.3

CONIFEROUS-NONCONIFEROUS PLYWOOD SUBSTITUTION (13 November 1989)

PRICES, NONCONIFEROUS PLYWOOD (1980 USD/cubic meter)

	HISTORY								FORECAST													
REG	1980	1981	1982	1983	1984	1985	1986	1987	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
WSV																						
WSB																						
ESV																						
ESB																						
INV	0.0	0.0	0.0	0.0	0.0	0.0	0.0	350.7	338.1	344.5	329.6	328.7	324.2	328.4	332.0	335.6	338.4	340.7	342.9	344.7	346.3	348.0
INB																						
ASK																						
CAL																						
USS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	288.7	276.1	282.5	267.6	266.7	262.2	266.4	270.0	273.6	276.4	278.7	280.9	282.7	284.3	286.0
USN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	301.3	288.7	295.1	280.2	279.3	274.8	279.0	282.6	286.2	289.0	291.3	293.5	295.3	296.9	298.6
CBC																						
CIN																						
CEA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	310.0	297.4	303.8	288.9	288.0	283.5	287.7	291.3	294.9	297.7	300.0	302.2	304.0	305.6	307.3
CAM	0.0	0.0	0.0	0.0	0.0	0.0	0.0	359.7	347.1	353.5	338.6	337.7	333.2	337.4	341.0	344.6	347.4	349.7	351.9	353.7	355.3	357.0
BRA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	281.5	268.9	275.3	260.4	259.5	255.0	259.2	262.8	266.4	269.2	271.5	273.7	275.5	277.1	278.8
SAN																						
CHI																						
SAS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	717.6	705.1	711.5	696.6	695.7	691.2	695.4	699.0	702.6	705.4	707.7	709.9	711.7	713.3	715.0
FIN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	650.2	637.5	643.9	629.0	628.1	623.6	627.8	631.4	635.0	637.8	640.1	642.3	644.1	645.7	647.4
SWE																						
EUW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	314.8	302.1	308.5	293.6	292.7	288.2	292.4	296.0	299.6	302.4	304.7	306.9	308.7	310.3	312.0
EUE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	326.8	314.2	320.6	305.7	304.8	300.3	304.5	308.1	311.7	314.5	316.8	319.0	320.8	322.4	324.1
JPN	738.8	581.7	550.0	532.2	501.6	492.8	653.5	950.8	938.2	944.6	929.7	928.8	883.7	873.9	831.0	816.0	802.5	792.5	785.9	781.4	778.6	777.2
KOR	369.7	333.5	279.4	280.0	273.4	272.9	266.6	286.6	258.6	265.3	265.5	264.6	260.1	264.3	267.9	271.5	274.3	276.6	278.8	280.6	282.2	283.9
CHN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	264.4	251.8	258.2	243.3	242.4	237.9	242.1	245.7	249.3	252.1	254.4	256.6	258.4	260.0	261.7
THK	422.1	372.6	355.4	365.2	388.4	405.6	532.6	541.7	529.4	535.8	520.9	520.0	515.5	519.7	523.3	526.9	529.7	532.0	534.2	536.0	537.6	539.3
MAE	341.7	339.5	319.9	286.1	269.4	210.2	263.5	286.8	274.3	280.7	265.8	264.9	260.4	264.7	268.2	271.8	274.6	276.9	279.1	280.9	282.5	284.2
MAW	314.7	273.5	243.0	230.2	215.6	202.6	216.6	299.1	286.5	292.9	278.0	277.1	272.6	276.8	280.4	284.0	286.8	289.1	291.3	293.1	294.7	296.4
IDN	227.5	183.5	222.1	229.2	187.7	185.3	215.0	218.2	205.6	212.0	197.1	196.2	191.7	195.9	199.5	203.1	205.9	208.2	210.4	212.2	213.8	215.5
PHL	322.5	271.4	236.6	219.1	198.4	183.1	209.9	251.1	238.5	244.9	230.0	229.1	224.6	228.8	232.4	236.0	238.8	241.1	245.0	253.2	260.9	267.9
PNG																						
ICH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	298.6	286.0	292.4	277.5	276.6	272.1	276.3	279.9	283.5	286.3	288.6	290.8	292.6	294.2	295.9
IND																						
MDE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	278.8	266.2	272.6	257.7	256.8	252.3	256.5	260.1	263.7	266.5	268.8	271.0	272.8	274.4	276.1
SUW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	250.0	237.4	243.8	228.9	228.0	223.5	227.7	231.3	234.9	237.7	240.0	242.2	244.0	245.6	247.3
SUE																						
AFE																						
AFN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	467.6	455.0	461.4	446.5	445.6	441.1	445.3	448.9	452.5	455.3	457.6	459.8	461.6	463.2	464.9
AFS																						
AFW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	404.7	392.0	398.4	383.5	382.6	378.1	382.3	385.9	389.5	392.3	394.6	396.8	398.6	400.2	401.9
AUS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	350.7	338.1	344.5	329.6	328.7	324.2	328.4	332.0	335.6	338.4	340.7	342.9	344.7	346.3	348.0
NWZ																						
OCN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	373.2	360.6	367.0	352.1	351.2	346.7	350.9	354.5	358.1	360.9	363.2	365.4	367.2	368.8	370.5
AVE	576.0	446.7	409.2	395.4	364.7	344.3	428.7	545.7	547.9	545.0	534.6	533.9	512.5	506.9	482.7	473.1	463.8	455.3	447.6	440.3	433.3	426.9
FWA	465.2	375.4	369.4	363.8	334.7	329.3	414.4	545.7	532.1	538.5	524.6	523.7	502.6	501.1	485.6	481.5	477.7	475.0	473.6	473.0	473.0	473.6