



**INTERNATIONAL TROPICAL TIMBER ORGANIZATION**

**ANNUAL REVIEW AND ASSESSMENT  
OF THE WORLD TIMBER SITUATION**

**2002**



This document supersedes document ITTC(XXXIII)/4 “Elements for the Annual Review and Assessment of the World Timber Situation 2002”. It presents updated and revised statistics of the world timber situation received during and following consideration of document ITTC(XXXIII)/4 by the International Tropical Timber Council in November 2002.

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Document GI-7/02. International Tropical Timber Organization. Yokohama, Japan.  
Prepared by the Division of Economic Information and Market Intelligence, ITTO.

This document is also available on the Internet at <http://www.itto.or.jp/>  
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ISBN 4 902045 06 0



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## SUMMARY

This Review provides data on production and trade of tropical forest products and the status of tropical forests in ITTO member countries, as well as overview statistics of production and trade of all timber products in these countries. Data are presented up to and including 2002 based on projections or estimates made in the third quarter of that year; these estimates should be viewed with caution due to the poor or missing data provided by many countries. 2001 is used as the base year and for comparisons as this is the latest year for which reliable data for most countries were available at the time of preparation. Statistics comparing tropical to all timber production and trade for all 57 ITTO member countries in 2001 are given in Table 1.

### Production

Production of tropical industrial roundwood (logs) in ITTO producer countries totaled 121.9 million m<sup>3</sup> in 2001, a 3.3% decrease from 2000. Log production further declined to 120.7 million m<sup>3</sup> in 2002. Tropical log production was equivalent to 11% of total industrial roundwood production from all forests in all ITTO member countries in 2001. The proportion of logs domestically processed in Africa rose from 64% in 2000 to 68% in 2002 as a result of growing restrictions on log exports and an increase in further wood processing. The Asian figure for domestic processing averaged 90% over the same period. This reflects increasing populations, growing economies and the emphasis on exporting value-added products in this region. Latin American countries processed virtually all tropical logs harvested in 2000-2002.

Tropical sawnwood production by ITTO producers totaled 38.7 million m<sup>3</sup> in 2001, down by 3.1% from 2000 levels. This decrease was mainly due to estimated production decreases in Malaysia and Cameroon. In 2002 sawnwood

production remained stable. Tropical hardwood veneer production in producer countries dropped 15.3% to 2.2 million m<sup>3</sup> in 2001. The decline was due to a sharp decrease in Malaysia's veneer production. Production surged nearly 8% to almost 2.4 million m<sup>3</sup> in 2002 due to production increases in Malaysia and the Philippines. ITTO producer countries' plywood production decreased by 5.2% in 2001 to 14 million m<sup>3</sup>. This decrease was due mainly to a 11% decrease in Indonesia (the world's largest producer of tropical plywood). Plywood production in producer countries grew to 14.3 million m<sup>3</sup> in 2002 due to an increase in Malaysian production.

ITTO consumer countries also produced substantial quantities of tropical timber products in 2001. China (250 000 m<sup>3</sup>) and Australia (110 000 m<sup>3</sup>) together produced an estimated total of 360 000 m<sup>3</sup> of logs from their tropical regions. Consumer countries produced just over 1.9 million m<sup>3</sup> of sawnwood, 0.3 million m<sup>3</sup> of veneer and 6 million m<sup>3</sup> of plywood in 2001, all (with the exception of China and Australia) from imported tropical logs. Production levels of tropical sawnwood, veneer and plywood in ITTO consumer countries decreased in 2002.

### Imports

Tropical hardwood log imports by ITTO consumer countries increased by 8.7% in 2001, to 15.4 million m<sup>3</sup>, driven by continued strong growth in Chinese imports. If imports by producing members are taken into account, total 2001 tropical log imports by ITTO members were almost 18.9 million m<sup>3</sup>, 8.8% more than in 2000. The 2001 total log import figure is 2.8 million m<sup>3</sup> higher than total ITTO exports, with this gap decreasing to around 2.7 million m<sup>3</sup> in 2002. This balance is presumably provided by non-ITTO log suppliers, although under-reporting of log exports, misclassification of imports and/or statistical errors can also contribute to explaining

**Table 1. ITTO Summary Statistics (2001, millions)**

	Logs			Sawnwood			Veneer			Plywood		
	All	Tropical	(%)	All	Tropical	(%)	All	Tropical	(%)	All	Tropical	(%)
Production (m <sup>3</sup> )	1,138.2	122.3	(11)	306.5	40.7	(13)	6.3	2.5	(40)	50.3	20.1	(40)
Imports (m <sup>3</sup> )	117.5	18.9	(16)	101.1	9.5	(9)	2.9	1.2	(41)	16.3	10.3	(63)
Imports (\$)	9,178.8	2,905.7	(32)	21,432.1	3,545.1	(17)	2,126.9	583.8	(27)	5,923.5	2,968.5	(50)
Exports (m <sup>3</sup> )	58.1	16.1	(28)	85.9	8.8	(10)	3.0	1.3	(42)	17.2	12.3	(71)
Exports (\$)	6,000.2	1,977.1	(33)	19,273.8	2,761.7	(14)	2,003.3	560.0	(28)	5,790.9	3,353.9	(58)

this type of gap. Major non-ITTO tropical log suppliers include Equatorial Guinea and the Solomon Islands, with exports averaging over 450 000 m<sup>3</sup> per year each.

China's imports grew 12% in 2001, to nearly 7 million m<sup>3</sup> (45% of all consumer country log imports), consolidating its position as the world's largest importer of tropical logs. In contrast, Japan's imports of tropical logs decreased 32% to 2.2 million m<sup>3</sup> in 2001, declining a further 22% to 1.7 million m<sup>3</sup> in 2002 due to its contracting economy, reduced supplies from Malaysia, competition from China for available log supplies, and its increasing reliance on softwood logs for plywood manufacture. India, Malaysia, Thailand and the Philippines are the major ITTO producing country log importers. All these countries, except for the Philippines experienced moderate increases in log imports in 2001 as their economies recovered and shortages in domestic supplies were felt. However, with the exception of the Philippines (which nearly doubled its intake), imports by the others were stable or falling in 2002 as many Asian economies slowed.

China also continued as ITTO's largest tropical sawnwood importer in 2001, with a 13% surge in imports to 2.9 million m<sup>3</sup>. Thailand's imports (which more than halved in 1998) rebounded by 22% to nearly 1 million m<sup>3</sup> in 2001 as its economy and secondary wood processing industry recovered. Japan's imports of tropical sawnwood decreased 13% to 601 000 m<sup>3</sup> in 2001, and further declined 14% to 514 000 m<sup>3</sup> in 2002. Imports of tropical sawnwood by consumer countries slightly rose by 0.2% in 2001 to nearly 7.8 million m<sup>3</sup>, but dropped 6.3% to 7.3 million m<sup>3</sup> in 2002. Increased imports by producers led total ITTO tropical sawnwood imports to increase 2% to 9.5 million m<sup>3</sup> in 2001 before decreasing to 8.9 million m<sup>3</sup> in 2002.

Total ITTO tropical veneer imports decreased nearly 15% to just under 1.2 million m<sup>3</sup> in 2001, followed by a further decrease of 9.4% in 2002. China remained by far the largest ITTO tropical veneer importer, despite a 51% drop to 291 000 m<sup>3</sup> in 2001. China's imports were stable in 2002. The EU absorbed 227 000 and 234 000 m<sup>3</sup> of tropical veneer in 2001 and 2002, over one-fifth of total ITTO imports. Japan imported 45 000 m<sup>3</sup> of tropical veneer in 2001, a 6% decrease from 2000 levels, further decreasing by 80% in 2002 to 9 000 m<sup>3</sup>. Formerly a major tropical veneer importer, Japan is now less significant than producer countries like the

Philippines and Malaysia, as well as the major consumer importers.

Tropical plywood imports, however, are still led by Japan, in spite of a 1% decrease to 4.5 million m<sup>3</sup> in 2001. Imports continue to replace domestic production of tropical plywood in Japan due to reduced availability of tropical logs and low prices of imported plywood. Japan's imports made up 44% of total ITTO imports of 10.3 million m<sup>3</sup> in 2001. Tropical plywood imports by ITTO members decreased to just over 9.8 million m<sup>3</sup> in 2002.

## Exports

ITTO producer countries exported nearly 15.9 million m<sup>3</sup> of logs in 2001 with Malaysia providing less than one-third of this volume, down from almost three-quarters of the ITTO total in the early 1990s. Producer log exports in 2001 decreased 3.9% from 2000 levels, and dropped a further 20% to 12.8 million m<sup>3</sup> in 2002, less than half the level exported just over a decade ago. Sawnwood exports by producer members were up by 6.1% to slightly over 8 million m<sup>3</sup> in 2001, further increasing to 8.5 million m<sup>3</sup> in 2002. Increases were observed for exports from all three tropical regions in 2001 and 2002, with the exception of African exports in 2001. Veneer exports from ITTO producer countries decreased almost 22% in 2001 to nearly 1.2 million m<sup>3</sup>, falling further to just over 1 million m<sup>3</sup> in 2002. Tropical plywood exports by producer members in 2001 also declined by over 8% to 11.1 million m<sup>3</sup>, with Indonesia (6.3 million m<sup>3</sup>) and Malaysia (3.6 million m<sup>3</sup>) accounting for almost 90% of this total. Exports dropped again (to 10.7 million m<sup>3</sup>) in 2002, with the declines due mainly to contraction of the Indonesian industry.

ITTO consumer countries also exported or re-exported substantial quantities of tropical timber in 2001, led by sawnwood and plywood exports of 724 000 m<sup>3</sup> and 1.2 million m<sup>3</sup> respectively. Logs and veneer exports were smaller (231 000 and 120 000 m<sup>3</sup> respectively in 2001). 85% of the log exports consisted of re-exports from Hong Kong S.A.R. to China. Exports of tropical sawnwood and plywood by consumers increased in 2002. Growth of China's tropical plywood exports has been rapid, reaching 486 000 m<sup>3</sup> in 2001 from almost nothing five years earlier. China has replaced Brazil as the third largest exporter of tropical plywood in the world.

## Prices

Real prices for most primary tropical timber products and species exhibited mixed trends during 2001-2002, with significant fluctuations in many cases. After reaching record lows in late 2001 as markets in Europe and China reduced demand or sought substitute softwoods, particularly from Russia, African log and sawnwood prices rose in 2002. This upward trend resulted from a shortage of logs in West Africa following the adoption of more stringent logging regulations and log export policies, increased demand from China and price increases in Asian tropical logs. Asian log prices generally moved upwards in 2001-2002 due mainly to the renewal of a ban on Indonesian log exports in late 2001, which was followed by memoranda of understanding between the government of Indonesia and the governments of Malaysia and China to control the illegal trade of logs. Nevertheless, Asian log prices are still up to 30% below the levels of early 1997.

Prices for Asian and African tropical sawnwood have, in most cases, been rising steadily since record lows in late 2001 and in some instances (e.g. wawa) are now surging to record highs. Prices of Latin American mahogany sawnwood exports continued to rise during 2001 and most of 2002 due to relatively strong demand in the US and European markets and an on-going ban of harvesting, processing and trade of mahogany in Brazil. Mahogany sawnwood prices declined sharply in the last quarter of 2002, partially due to the release of seized stocks by Brazil.

Prices for tropical plywood continued declining in 2001 and early 2002. Indonesian and Malaysian plywood export prices fluctuated during this period at less than half of 1996 levels due to the flat construction sector in Japan, a preference for log rather than plywood imports in China, and increasing substitution by softwoods in all major markets. Asian plywood prices firmed in the second half of 2002 as a ban on Indonesian log exports led to reduced availability of raw material, especially for Malaysia. Brazilian plywood prices showed a less dramatic decline than Asian plywood in 2001-2002 due to volume shortages caused by the closure of some plywood mills, competitive prices due to devaluation of the real and comparatively low operational costs.

## Secondary Products

Exports of secondary processed wood products (SPWP) by ITTO producers continued to grow in 2000. After contracting 17% in 1998, exports of SPWP by these countries rebounded by 42% in 1999 and a further 16% in 2000 led by increases in Indonesia's, Malaysia's, Thailand's and Brazil's exports. Exports, however, fell by 10% in 2001 due mainly to declines in Indonesia and Malaysia. The top five ITTO producer country exporters of SPWP in 2000 (Indonesia, Malaysia, Thailand, Brazil and the Philippines) accounted for 96% of total ITTO producers' SPWP exports. Indonesia consolidated its position as the largest tropical SPWP exporter in 2000 with a 19% jump in exports.

China continued its spectacular growth in SPWP exports in 2000-2001, sometimes at the expense of ITTO producer exporters. In 2000, China overtook Thailand as Japan's largest supplier and Canada as the world's second largest exporter after Italy. This upward trend is expected to continue as more companies from USA, Taiwan Province of China and other Asian producers continue to establish SPWP joint ventures in Southern China because of its low costs.

Japan and, particularly, the USA remain the two largest markets for SPWP from ITTO producers, with such products making up 33% and 18% of their total SPWP markets respectively in 2001. However, these shares have declined (from 35% in Japan and 20% in the USA) since 1997. The US is the main partner of ITTO producers in value terms (\$2.7 billion) and its global market has been the engine of SPWP trade (mainly of furniture), growing almost four-fold in the last decade and almost doubling in the last five years. Although ITTO producer countries accounted for only 13% of the total EU market for SPWP in 2001, the magnitude of this huge market meant that the value of this share (\$2.3 billion) was more than double the value of their Japanese market share and 86% of the value of their share of the USA market. In 2001, imports of SPWP by ITTO consumers from ITTO producers were worth \$6.1 billion, equivalent to an estimated 69% of the value of their imports of primary tropical timber products from these countries.



# INTRODUCTION

## Overview

This report reviews developments in the global timber sector and markets, with a focus on tropical timber, in 2002. It contains data series on production and trade for 1998-2002, with a focus on the past three years. 2001 is used as the base year for all global comparisons and ITTO summary totals as this is the latest year for which reasonably reliable data for most countries were available at the time of preparation.

In 2002 the global tropical timber sector continued to evolve following the trauma of the late 1990s, with many important markets continuing to move in different directions. China's increasing imports continued to drive the tropical log market, with the country now becoming a large plywood exporter based on imported logs. Japan's tropical plywood imports are still relatively stable, but domestic production is plummeting along with tropical log imports. Many producer countries continued their shift to secondary processed products exports in 2002, with trade in these products continuing to rise toward the level of primary tropical timber products trade.

In international forest policy developments in 2002, ITTO participated actively in the work of the UN Forum on Forests (UNFF) and the Collaborative Partnership on Forests (CPF) established to facilitate its work. ITTO also participated in and hosted a side event at the World Summit on Sustainable Development in Johannesburg. The Organization undertook missions to several member countries to promote sustainable forest management. ITTO also strengthened its collaboration with the various processes aimed at establishing criteria and indicators for ascertaining the status of forest management (Montreal, Tarapoto, ATO etc.) and worked to convene an international conference on this topic together with FAO in early 2003. ITTO convened six national level field training workshops to encourage forest management unit level reporting based on Criteria and Indicators for the Measurement of Sustainable Management of Tropical Forests in 2002. These were attended by over 200 forest concessionaires and related forest managers. Full reports on all these activities are contained in separate reports to the Council.

Timber certification remained a topical issues in 2002, with forestry operations in many countries seeking and obtaining some form of certification, either through the Forest Stewardship Council (FSC) or the Pan European Forest Certification system (PEFC), or via other avenues (e.g. ISO 14000, national standards authorities, etc.). Tropical countries are increasingly developing national schemes, led by Malaysia's National Timber Certification Council (NTCC) and Indonesia's ITTO-supported Ecolabelling Institute (LEI), both of which continued steps to market certified tropical forest products with their own labels in 2002. Several other tropical countries are seeking support from ITTO and others for the development of national certification schemes. The proliferation of national schemes has led to numerous calls for a framework for mutual recognition between schemes and ITTO has been active in attempting to facilitate agreement on such a framework. A detailed summary of recent developments in timber certification is included in the ECE Timber Committee's Forest Products Annual Market Review, 2002-2003 (see Appendix 6).

Many other relevant developments have occurred in 2002 in ITTO member countries. This Review attempts to summarize some of these in relation to their impacts on the production and trade of tropical timber.

## Scope and Structure

This Review includes data appendices on total timber production volumes and trade volumes/values for all ITTO members. These data are included to assist placing tropical timber in a global context, as called for in the ITTA (1994). However, as recommended by the 1997 Technical Working Group on ITTO's Statistical Functions, the focus of the Review remains on tropical timber. The Review consists of four substantive chapters. The first chapter summarizes developments in major markets for tropical timber. This chapter includes a discussion of current and projected economic conditions in many countries. The second chapter provides an analysis of production, consumption, trade and prices for the primary tropical timber products covered by the ITTA (tropical logs, sawnwood, veneer and plywood). This chapter also provide details of the production and trade of

pulp and paper and reconstituted panels in tropical countries, in so far as data for these products are available. A third chapter describes trade in secondary processed wood products (SPWPs) with a focus on tropical countries where these products are playing an ever greater role. The final chapter of the Review provides brief notes of relevant trends and developments in ITTO member countries not covered elsewhere.

### **Data Sources and Limitations**

Statistics in the Review have been derived from members' responses to the 2002 Joint Forest Sector Questionnaire (JQ) wherever possible; the JQ can be downloaded from the ITTO website ([www.itto.or.jp](http://www.itto.or.jp)) and includes definitions of all products covered here. ITTO is responsible for sending the JQ to all of its producer members, plus Japan, while responses from other consumer members were forwarded from JQ partner agencies (ECE, Eurostat and FAO). The number of countries responding to the 2002 JQ was down from the response level in 2001, with 25 of 31 producer countries (27 of 31 in 2001) and 23 of 26 consumer countries (22 of 26 in 2001) providing at least partial responses. Belgium, Central African Republic, Democratic Republic of Congo, Greece, India, Liberia, Luxembourg, Nepal, and Republic of Congo did not respond to the 2002 JQ or numerous follow-up queries.

Unless otherwise noted, all value units quoted in this Review are in nominal US dollars, while volumes are reported in cubic meters. "Tropical timber," as specified in the ITTA (1994), includes only tropical hardwood saw and veneer logs, sawnwood, veneer and plywood. This Review includes tropical softwoods (coniferous species), which are of growing importance to many countries, in the figures given for all timber.

As trade figures for saw and veneer logs are impossible to collect from existing customs classification systems, which do not distinguish between different types of industrial roundwood, figures for log trade and production given in the Review now refer to total industrial roundwood. As noted above, products not included in the ITTA definition of tropical timber have been included if they are important components of production and/or trade in at least three tropical countries.

Estimates of trade figures for Hong Kong and Macau Special Administrative Regions and Taiwan Province of China have been largely

based on UN COMTRADE data (if available) since none of the three provide statistics directly to ITTO. Trade flow statistics for many developed countries were also derived from COMTRADE (or the corresponding EU database, COMEXT) since most developed countries do not complete the direction of trade tables in the JQ.

As in previous years many of the statistics that were received from members via the JQ contained significant and obvious errors in one or more data categories. Only 10 producer and 12 consumer members met the 31 July 2002 deadline for responding to the JQ and several of the remaining 26 responses did not arrive at ITTO Headquarters until October or later, allowing insufficient time for analysis and to request/receive clarifications where necessary. Table 2 shows a breakdown of responses to the JQ, illustrating the problems that many countries still have in providing information to ITTO and providing a subjective indicator of the data quality on which the Review is based.

Many members substantially revised statistics for 2000-2001 submitted in the 2002 JQ from those submitted in previous years. This, together with the detection of errors, resulted in several modifications and amendments to statistics, so the data series presented here can differ (sometimes substantially) from those in previous editions of the Review.

Several supplementary sources were consulted to verify members' responses to the JQ, to fill in incomplete or obviously incorrect responses and to provide data for non-responding countries. These supplementary sources are listed in the References as well as in the notes preceding the Appendices. Estimates of production and trade were derived for incomplete responses and non-responding countries based on direction of trade statistics reported by trading partners, information on processing capacity (if available) and the other sources listed. Comparisons with global totals or totals for all tropical countries for primary products are based on statistics from the FAOSTAT database, the latest summary of global forest statistics available. All other data used in the preparation of the Review are compiled in Appendices 1 - 5.

Most members that responded to the 2002 JQ reported at least some categories of data for both 2000 and 2001. Many members failed, however, to report any partial year data or forecasts for 2002; caution should therefore be used when interpreting the estimates for these countries and

the ITTO totals for 2002 given here. Countries for which estimates were made (or alternate sources used) are identified by the superscripts used in the Appendices.

Despite the best efforts of the Secretariat to ensure data consistency and accuracy it should be noted that considerable discrepancies exist between available data sources in many categories, for both producing and consuming countries. The final statistics compiled for presentation here are the result of analysis and synthesis of the available data sources by the Secretariat, and of consultations with member countries and other agencies.

The assistance of those countries which responded to the 2002 Joint Forest Sector Questionnaire is gratefully acknowledged, as is the support of the FAO Forestry Department, the UN-ECE/FAO Timber Section, Eurostat Unit F-1, the United Nations Statistical Office, the Japan Lumber Importers' Association, the Japan Plywood Manufacturer's Association and the ITTO Market Information Service in providing relevant primary and supplementary data for the Review.

**Table 2. Data Quality Indicators**

<u>No responses:</u> (9 of 57 countries)	Belgium, Central African Republic, Democratic Republic of Congo, Greece, India, Liberia, Luxembourg, Nepal, Republic of Congo
<u>Good responses:</u> (14 of 48 countries)	Bolivia, Colombia, Côte d'Ivoire, Fiji, Ghana, Honduras, Japan, Netherlands, New Zealand, Peru, Republic of Korea, Suriname, Thailand, Togo <ul style="list-style-type: none"> <li>• All major sections complete</li> <li>• Internally consistent (material balance, year on year trends, unit values, compatibility between tables)</li> <li>• More or less consistent with trade partner reports</li> </ul>
<u>Incomplete or erroneous responses:</u> (34 of 48 countries)	<ul style="list-style-type: none"> <li>• Tropical trade data missing or unusable: 10 of 16 Consumer responses</li> <li>• Tropical production data missing or unusable: 15 of 16 Consumer responses</li> <li>• Production data missing or unusable: 12 of 18 Producer responses</li> <li>• Tropical species trade data missing or unusable: 7 of 18 Producer responses; 10 of 16 Consumer responses</li> </ul>



## MARKET DEVELOPMENTS

This chapter provides a brief analysis of general developments in tropical timber markets as well as an overview of tropical timber trade in 2001-2002. The analysis is based on responses to the JQ submitted by members, International Monetary Fund (IMF) statistics and forecasts and a review of other available literature.

### Economic Developments

In late 2002, the IMF reported that global output (real GDP) grew by 2.2% in 2001, sharply down from the 4.7% achieved in 2000. The substantial decline in growth in 2001 was due to a global slowdown in all major economies, exacerbated by the September 11 terrorists attacks in the USA. A modest global economic recovery began in late 2001 and continued throughout 2002, when the IMF projected global growth had improved to 2.8%. The recovery was expected to continue into 2003, with the IMF estimating global growth of 3.7%.

In 2001, GDP of all developing countries grew by 3.9%, well above the 0.8% growth achieved in advanced economies and the 2.8% growth in newly industrialized Asian economies (Hong Kong S.A.R., Republic of Korea, Singapore and Taiwan P.O.C., all now included in the IMF's list of advanced economies). The newly industrialized Asian economies were amongst the advanced economies hardest hit by the 2001 slowdown (growth fell from 6.9% in 2000 to 2.8% in 2001), but they recovered strongly to almost 5% growth in 2002. The global slowdown in 2001 drove growth down in all developing regions but Africa. Recovery in these regions was mixed in 2002, with only developing Asia and the Middle East rebounding. The IMF expects output in developing countries to grow by 5.2% in 2003, more than double the 2.5% growth expected in advanced economies.

World trade volume (exports plus imports) was strongly affected by the global slowdown in 2001, decreasing by 0.1%, a dramatic turnaround from the 12.6% growth in 2000. Trade growth recovered slightly in 2002, expanding by only 2.1%, less than a third of average growth over the past decade and under half of that experienced during the 1980s. World trade is expected to grow by 6.1% in 2003 as the global economy continues to recover, although this may be affected by a possible war in Iraq. Developed

countries accounted for most of the drop in trade in 2001, with both exports (-1.1%) and imports (-1.3%) shrinking. Trade growth in developing countries stayed positive in 2001 (exports up 2.6% and imports up 1.6%), but was still sharply down from 2000 when trade grew by over 15%. The slight recovery in world trade in 2002 was due to higher trade volumes by both developed and developing countries. Developing country export growth increased from 1.6% in 2001 to 3.8% in 2002. Average non-fuel primary commodity prices (US\$) declined by 5.4% in 2001 before rising by 4.2% in 2002 and further increasing by a projected 5.7% in 2003. After remaining almost flat during the 1980's, average primary commodity prices dropped slightly during the decade to 2002.

Many EU economies outperformed the average growth rate of 0.8% for all advanced economies in 2001, with an aggregate increase in real GDP of 1.6%, down from 3.5% in 2000. Economic growth was projected by the IMF to be 1.1% in 2002 and 2.3% in 2003. The German economy, affected by reunification and high unemployment for much of the 1990s, continued to struggle, growing only 0.6% in 2001, lowest in the EU. German growth was projected to decrease to 0.5% in 2002 before rebounding to 2.0% in 2003. German building permits continued to decline in 2001 to 291 000 units, down 17% from a year earlier. Multi-family home permits fell 18% to just over 84 000, while permits for single-family homes dropped 13% to 137 000 units.

The UK economy grew by 1.9% in 2001, with growth projected to decrease to 1.7% in 2002 before rebounding to 2.4% in 2003. In France, GDP grew by 1.8% in 2001, by 1.2% in 2002 and a projected 2.3% in 2003. Italy's growth dropped to 1.8% in 2001, down from 2.9% in 2000. Italy's growth rate dropped further to 0.7% in 2002, but is expected to recover to 2.3% in 2003.

In North America, the United States economy declined sharply in 2001, growing only 0.3%, the lowest growth rate in the past two decades. Growth recovered to 2.2% in 2002 and is projected to further recover to 2.6% in 2003. Unemployment in the USA began to increase in 2001 after several years of record lows, rising to 4.8% from 4% a year earlier. Unemployment is expected to continue growing, to 5.9% in 2002

and 6.3% in 2003. U.S. inflation was 2.4% in 2001, the highest level in a decade. Inflation halved in 2002 before climbing to a projected 1.9% in 2003. Housing starts in the USA increased by 2% to 1.6 million units in 2001 despite the economic slowdown. Housing starts rose to a sixteen-year record of 1.68 million in 2002. The continued strength of housing starts in the USA is largely due to record low interest rates, with 10 consecutive interest rate cuts made by the Federal Reserve since 2001 to attempt to spur the economy.

The Japanese economy went into recession in 2001, with GDP declining by 0.3% after growing by 2.4% in 2000. A banking crisis continued to shake confidence in the financial sector, leading to reduced lending and growth. After moves towards deregulation of the financial sector and several fiscal stimulus packages, the economy is still staggering, with a further contraction of 0.5% projected in 2002 and growth of only 1.1% in 2003, by far the lowest of all developed economies. Prices have fallen by an annual average of 0.8% over the past decade, while unemployment has more than doubled since the early 1990s, reaching 5.5% in 2002 and a projected 5.6% in 2003. Housing starts in 2001 were down 4.6% from a year earlier at 1.17 million units, of which 45% were wood-framed. Both total and wooden housing starts fell by nearly 2% in 2002, to levels more than 30% lower than those of the mid-1990s.

China's economy continued its rapid growth, expanding by 7.3% and 7.5% in 2001 and 2002 respectively. China's housing policy is changing to encourage private ownership over state-sponsored accommodations, with potentially major implications for housing starts and wood demand. The home mortgage market is growing rapidly and sales of residential homes have increased by 40-50% per year since 1998. Timber-framed houses are still only a small fraction (<1%) of Chinese housing starts, but demand is steadily increasing.

Developing Asian countries (excluding China and India) have recovered from the 1998 economic crisis, with output growing by 3.0% in 2001, 3.9% in 2002 and a projected 4.5% in 2003. African (sub-Saharan, excluding Nigeria and South Africa) growth was a relatively strong 4.0% in 2001 and should rise to 4.9% in 2003 due to improvement in public finances, competitiveness and security conditions in several countries.

Latin America's GDP growth in 2001 was the lowest of all developing regions at 0.6%, with a 0.6% contraction in 2002 as the region fell into recession. This decline was mainly due to a 16% contraction of the Argentine economy as that country defaulted, but growth was also slow in most other countries including Brazil (1.5% in 2001 and 2002). Latin American economies are expected to recover in 2003, with regional growth projected at 3%.

### **Tropical Timber Markets and Trade**

The direction of trade tables for 2001 in Appendix 2 were derived from responses to the 2002 Joint Forest Sector Questionnaire (JQ) and other sources listed in the notes accompanying the Appendices. Minor trade flows are not included in Appendix 2, with only the top twelve importers and exporters for each product included. Since the introduction of the JQ in 1999, direction of trade statistics are not collected directly from most consumer countries by the UN-ECE. Data for these countries was extracted from the UN COMTRADE or the Eurostat COMEXT databases where available.

Total 2000 and 2001 import and export US dollar values by product are summarized in Appendix 1, together with unit values based on reported trade volumes. Value data is reported poorly or not at all by many countries, making the use of supplementary sources essential. Values have in many cases been estimated using average unit values.

Many countries made errors or omissions in providing trade data, particularly by failing to distinguish tropical wood imports and exports from those of all timbers. Many countries also have serious problems in their customs statistics for tropical timber, with misclassification of imports and failure to count tropical species/products grouped in "Others" categories of customs classification systems common. If available, other data sources were used for these cases. Entries in the tables of Appendix 2 consist of exporters' reports (*italicised*) and importers' reports (**bold**). The discrepancies which are illustrated by many of these entries can be due to a number of factors. Carelessness or inadequate training of reporting officials or correspondents is often a prime reason; this can only be remedied with better training and supervision, particularly in the application of customs classification systems. Problems with consistency in conversion

factors (some countries report weights and/or surface areas instead of volumes) and/or product definitions can explain some discrepancies. Also, different scaling or measurement systems are sometimes used in different countries. Definitions of the reporting period may differ from exporter to importer, or shipments sent at the end of one period may not arrive until the following. Imports destined for re-export may not be correctly recorded, and (re-) exports of tropical timber from non-tropical countries may not be recognized as tropical by the importing country. Finally, timber theft as well as smuggling and transfer pricing to avoid tariffs, quotas and/or taxes have been documented in several tropical forest products and countries. It is clear that if ITTO is to fulfill its mandate to ensure greater transparency in the tropical timber market, major improvements in the collection and reporting of trade statistics are still required, in both producing and consuming countries. The section on exports uses exporters' reports unless stated otherwise; that on imports uses importers' reports.

### Exports

The composition of exports for 2000-2002 from the ITTO producing regions is shown in Table 3. The contribution of logs to total tropical timber exports of ITTO producers (in terms of both value and roundwood equivalent - rwe - volume) has fallen dramatically from over 60% in the 1980s to around a quarter in 2002. Only Africa continues to export a significant volume equivalent of logs compared to processed products, with log exports making up 35% of log production and 54% of total roundwood equivalent export volume in 2001. The Asia-Pacific region is rapidly replacing log exports with the export of processed products, spurred by Indonesian plywood exports and Malaysian exports of sawnwood, veneer and plywood. Asian log exports made up 25% of total Asian export volume in 2001 (15% of log production). Latin American tropical log exports are a small fraction of both production and total

exports. Total roundwood equivalent export volume as a percentage of log production decreased from 13% to 12% in Latin America and from 62% to 59% in Asia, while the ratio for Africa remained stable at 65%. Total ITTO producer member exports (rwe) decreased by 10% from 61.1 million m<sup>3</sup> to 54.9 million m<sup>3</sup> between 2000 and 2002, due to declines in exports by all three regions. The decreasing levels of primary product exports are offset by increased exports of secondary products (SPWP), as detailed in the SPWP chapter.

### Imports

Table 4 provides an overview of the dependence of major ITTO importers on tropical wood products in 2001. Major importers are defined here as those with imports of at least 100 000 m<sup>3</sup> of one or more tropical products. Table 4 indicates in which products each country qualifies as a major importer by denoting the relevant figures in bold; only China, Taiwan Province of China and Korea qualify as major importers of tropical timber under this criterion in all primary product categories. These three importers are also the most dependent of the major ITTO consumer importers on tropical timber, with a significant proportion of their substantial log (China and Taiwan P.O.C.), sawnwood, veneer and plywood imports of tropical origin. Unsurprisingly, given the dominance of tropical plywood in international plywood trade, most of the countries in Table 4 have a fairly high dependence on tropical plywood imports, with Korea, Japan and China dependent on tropical sources for over 90% of total imports (although this dependence is decreasing). Tropical sawnwood has a lower market share in most non-tropical countries, with only China dependent on it for more than half of its sawnwood imports. Only Hong Kong S.A.R. and Taiwan Province of China amongst major consumers imported a greater proportion of tropical than non-tropical logs in 2001.

**Table 3. Composition of Exports by Producing Regions, 2000-2002 (1000 m<sup>3</sup> rwe)**

Region	Log Production			Log Exports			Processed Exports			Total Exports		
	2000	2001	2002	2000	2001	2002	2000	2001	2002	2000	2001	2002
Africa	13 287	12 980	12 814	4 836	4 551	4 120	5 017	3 922	4 254	9 853	8 474	8 375
Asia-Pacific	76 964	73 105	72 019	11 516	11 092	8 417	35 982	34 122	33 785	47 497	45 214	42 201
Latin America	35 864	35 805	35 899	195	254	267	3 559	4 441	4 021	3 753	4 696	4 288
Total	126 115	121 890	120 732	16 546	15 898	12 804	44 558	42 485	42 060	61 104	58 383	54 864

Note: Totals may not sum exactly due to rounding.

In contrast to consumer countries, most of the major ITTO producer country importers in Table 4 depend on tropical imports for the majority of their imported wood needs. This is

changing, however, with for example, India, the Philippines and Thailand now sourcing substantial quantities of log imports from non-tropical areas.

**Table 4. Tropical Proportion of Total Imports by Major ITTO Importers, 2001**

	Proportion (%)			
<b>Consumer Members</b>	Logs	Sawnwood	Veneer	Plywood
Belgium	1.3	<b>13.7</b>	35.4	<b>56.2</b>
Canada	0.0	0.8	9.2	<b>70.0</b>
China	<b>40.6</b>	<b>72.4</b>	<b>86.9</b>	<b>95.0</b>
Egypt	2.0	0.0	80.0	<b>96.9</b>
France	<b>36.5</b>	<b>13.1</b>	41.9	<b>40.2</b>
Germany	<b>4.4</b>	<b>2.8</b>	26.3	<b>18.4</b>
Hong Kong	<b>81.1</b>	<b>42.0</b>	78.1	<b>73.5</b>
Ireland	<b>20.2</b>	<b>15.3</b>	33.3	<b>14.0</b>
Italy	<b>5.3</b>	<b>3.6</b>	29.9	<b>15.1</b>
Japan	<b>15.4</b>	<b>6.7</b>	40.9	<b>90.2</b>
Netherlands	17.3	<b>11.8</b>	30.6	<b>37.6</b>
Portugal	<b>49.7</b>	39.8	66.7	71.6
Republic of Korea	<b>7.8</b>	<b>47.0</b>	<b>60.6</b>	<b>93.3</b>
Spain	<b>4.2</b>	<b>17.2</b>	12.4	<b>6.0</b>
Taiwan	<b>67.1</b>	<b>35.7</b>	<b>89.1</b>	<b>76.3</b>
United Kingdom	13.3	<b>4.4</b>	27.0	<b>30.2</b>
USA	0.0	<b>0.8</b>	5.5	<b>60.5</b>
<b>Producer Members</b>				
India	<b>82.1</b>	24.0	0.3	67.3
Malaysia	<b>92.4</b>	<b>42.5</b>	14.7	74.6
Philippines	<b>47.0</b>	<b>58.4</b>	<b>91.8</b>	6.0
Thailand	<b>83.8</b>	<b>78.7</b>	75.0	73.2

## PRODUCTION, TRADE AND PRICES OF PRIMARY PRODUCTS

This chapter provides statistics on production and trade of primary tropical forest products in ITTO producer and consumer countries, as well as price trends for selected products. The structure of this part of the Review has been changed from previous versions to provide a clearer focus on the major primary product categories covered by ITTO. Appendix 6 contains the Market Statement released in October 2002 by the ECE/FAO Timber Committee, providing an overview of developments in important markets for non-tropical primary timber products.

This chapter also for the first time contains a preliminary analysis of production and trade of reconstituted panels, wood pulp and paper products by ITTO producer countries, since these products are becoming increasingly important for many of them. Production and trade data for these products for major producer countries are contained in Appendix 1-3. Analysis of these products for tropical countries will be improved in future versions of the Review, to include details of important trade flows and, where available, price trends.

### Data Sources and Conventions

Data on production presented here has been derived from Joint Questionnaire returns and supplemented by other available data sources (see Appendix 1). Production statistics in many ITTO member countries are often weak or non-existent. The primary problem in many producer countries is the lack of a comprehensive forest outturn measurement system as well as any kind of regular industrial survey to obtain production figures, while most consumer countries are unable or unwilling to distinguish the processing of tropical timber from all timber processing. In several cases, production figures have been estimated by working backward from available log supply. Apparent domestic consumption (production plus imports minus exports) statistics do not include changes in stock levels, which, in the past, were generally not reported or reported incorrectly by countries and which are therefore no longer collected.

As in previous years, production figures for many countries (including important producers like Brazil, Ecuador, India and Indonesia) were either not provided or were unusable in 2002 and have

been estimated from other sources and/or trade levels (if reported). Production figures for these countries should therefore be viewed with caution. Some countries (e.g. Honduras, Venezuela) include tropical softwoods in the production data reported to ITTO. Where distinguished, these products were included in the figures for all timber but not for tropical timber in Appendix 1. Several countries (e.g. Brazil, China, Indonesia) are reported by various sources to have high levels of “unofficial” industrial roundwood production. Unless estimates of such “unofficial” production could be independently verified, only official production figures are presented here.

The following sections also report on exports, imports and price trends of each of the four primary tropical timber product categories covered by the ITTA. Detailed trade statistics are presented in Appendices 1 and 2, with data sources given in the notes preceding the Appendices. Major species in trade, together with volumes and average prices when these were reliably reported, are summarized by country in Appendix 3.

Price trends through late 2002 for several important tropical log and sawnwood species and various grades and thicknesses of plywood from each exporting region are contained in Appendix 4 and serve as the basis for the price analyses presented here. Nominal prices were reported biweekly by the ITTO/International Trade Center Market News Service (MNS) from 1990 until the end of 1995, and have continued to be reported by the ITTO Market Information Service (MIS) from then onwards. The nominal price series from these sources were converted to real 1990 US dollars using IMF exchange rate series and the World Bank G5 Manufacturing Unit Value (MUV) index for calculating real commodity prices. Both nominal and real price trends are given in Appendix 4.

As not all species are reported regularly, and since the MIS has added coverage of new products/species, some charts only portray price series since 1996 or 1997. However, an attempt has been made to prepare price trend charts for a range of species/products identified as important in international trade. Some species covered in

previous years have dropped out of regular international trade due to export bans or restrictions, and are therefore not included in Appendix 4. Details of species banned from export by individual countries are included in the Country Notes, where this data has been provided by members. Species are identified by internationally accepted pilot/trade and scientific names; the local names of timber species used by producer countries, where they differ from pilot/trade names, are given in Appendix 3.

Average prices for species/products traded in 2000-2001 are also included in Appendix 3 for those countries that provided this data in the 2002 Joint Forest Sector Questionnaire. No attempt has been made to adjust or verify these nominal prices. Finally, Appendix 1 contains the average unit values of exports and imports for all products and countries in 2000-2001. These figures are highly aggregated based on total value and volume trade statistics and therefore include all species, grades and markets for each product. They are also, in many cases, based on estimates due to poor responses to the value portion of the Joint Forest Sector Questionnaire. Consequently the unit values for some countries/products may diverge from the price trends given in Appendix 4.

## Industrial Roundwood

### Production

The production of tropical industrial roundwood ("logs") in ITTO producer member countries totalled nearly 122 million m<sup>3</sup> in 2001, with a slight decrease to under 121 million m<sup>3</sup> in 2002. Figure 1 shows ITTO's five major log producers for 2000-2002, ranked by 2001 production, as well as aggregate production by all other members. Of the top five, all except Indonesia and Malaysia were stable or increasing during the period 2000-2002. Malaysian production has fallen from about 22 million m<sup>3</sup> in 1998 to 19.5 million m<sup>3</sup> in 2002, a reduction of almost 11% in five years and of over 55% in the last decade. The slight increase shown in Figure 1 for Malaysia in 2002 is due to the recovery of the forest sector after a contraction in 2001.

Figure 1 illustrates the dominance of the top four tropical log producing countries (Indonesia, Brazil, Malaysia and India) which together comprised around 70% of ITTO production in 2000-2001. Indonesian log production is

probably significantly higher than the estimates given here, however, with some sources estimating the illegal harvest to be almost equal to or even greater than the official figure of under 30 million m<sup>3</sup>. Unfortunately, Indonesia, like Brazil and India, has never provided reliable official production figures to ITTO, necessitating the use of estimates based on reported exports and assumed domestic consumption. Thailand's increasing production is based almost entirely on its rubberwood and other plantation resources. Appendix 1 (Table 1-1-d) shows that five other ITTO producer members (Cameroon, Côte d'Ivoire, Ecuador, Gabon and Myanmar) had log production exceeding 2 million m<sup>3</sup> in 2001. All of these except Ecuador decreased production in 2002.

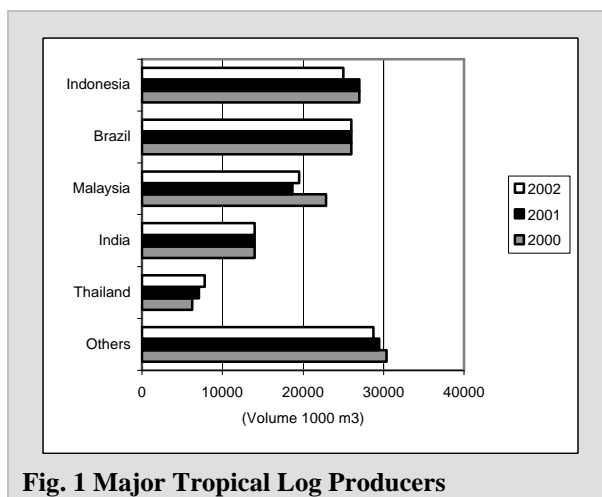


Fig. 1 Major Tropical Log Producers

Two ITTO consuming countries possess significant tropical timber resources: Australia and China. Aggregate production from these sources for 2001 was estimated at 360 000 m<sup>3</sup>, level with 2000 figures. The bulk of China's production comes from its southern provinces of Hainan Island and Yunnan. Log production from these areas is consumed almost entirely domestically. Australia's much smaller production is from north Queensland and is also consumed domestically.

The regional breakdown of tropical log production amongst ITTO producer members is given in Appendix 1 (Table 1-1-d); the Asia-Pacific region produced nearly 60% of ITTO members' tropical hardwood logs in 2001 and 2002. Africa's share of production remained at about 11% in both years, and Latin American production remained at 29%.

### Consumption

Figure 2 shows tropical log consumption for 2000-2002 in the major countries. Brazil and India were relatively stable, while Indonesia and Malaysia steadily decreased consumption during the same period. Thai consumption continued to grow in 2001 and 2002, with the country overtaking China as the fifth largest consumer of tropical logs. However, China easily remained the main non-tropical ITTO consumer of tropical logs, at over 7 million m<sup>3</sup> in 2001.

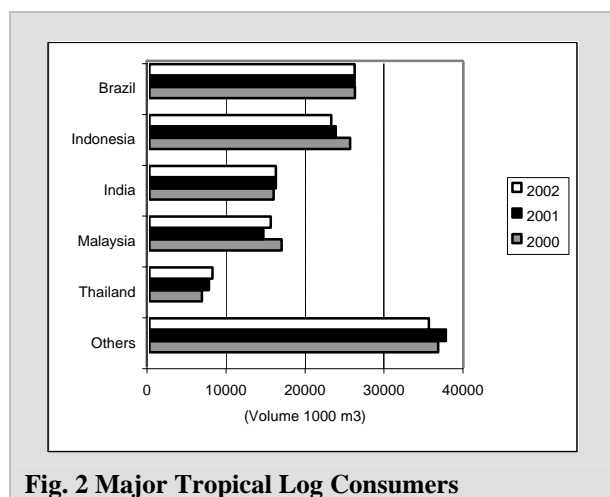


Fig. 2 Major Tropical Log Consumers

The top five log consuming countries accounted for 71% of total ITTO consumption of tropical logs in 2001 and 2002. Africa's domestic log consumption slightly increased in 2001-2002, while consumption in Asia continued to fall with production. The proportion of log production utilized domestically (i.e. log production minus log exports) averaged about 90% in Asia from 2000-2002. In Latin America logs processed domestically account for almost all production. African producers domestically consumed 65% and 68% of their total log production in 2001 and 2002 respectively. African log consumption rose as a result of log export restrictions in several countries. While there will be short-term reversals when log exports will surge due to economic conditions, rapid population growth in Africa and economic growth in Asia and Latin America will ultimately contribute to pushing long-term domestic log processing upwards in producing countries.

### Imports

Total imports of tropical hardwood logs by ITTO members rose nearly 9% to 18.9 million m<sup>3</sup> in 2001, about 17% (or 2.8 million m<sup>3</sup>) greater than total log exports by all members. The gap between reported imports and exports in 2002 increased to 21% (almost 2.7 million m<sup>3</sup>) indicating greater pressure on non-ITTO

members, forecasting errors or (most likely) a combination of these. Differences between reported ITTO imports and exports is to some extent made up by reported log exports from Equatorial Guinea and the Solomon Islands, the two largest non-ITTO tropical log exporters with exports averaging about 450 000 m<sup>3</sup> per year each in 2000-2001.

Other non-member tropical log exporters are less significant and include Bangladesh (average annual exports around 100 000 m<sup>3</sup>), Laos (40 000 m<sup>3</sup>), Mozambique (70 000 m<sup>3</sup>), Madagascar (30 000 m<sup>3</sup>) and Viet Nam (20 000 m<sup>3</sup>). The sum of all log exports by non-ITTO tropical countries in 2001 was 1.1 million m<sup>3</sup>, leaving 1.6 million m<sup>3</sup> plus imports by non-ITTO members of 247 000 m<sup>3</sup> to be accounted for by unrecorded or under-reported exports and/or over-reported imports from both members and non-members.

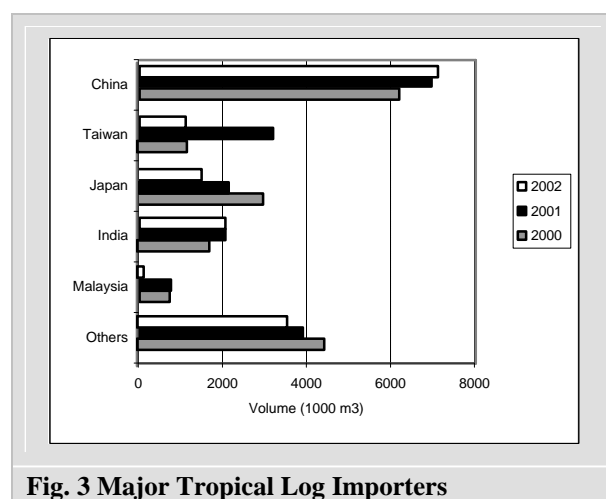


Fig. 3 Major Tropical Log Importers

Figure 3 shows the top ITTO tropical log importers in 2000-2002 ranked by import volume in 2001. China, the world's largest importer of tropical logs, imported over 6.9 million m<sup>3</sup> in 2001 (up 12% from 2000). China's growing economy, the ban on domestic harvesting and the zero tariff on log imports continue to be the main driving factors behind its growing imports. China's tropical import growth slowed in 2002, rising 2% to 7.1 million m<sup>3</sup>. China's tropical log imports, which account for over 45% of total ITTO imports, have soared more than five-fold in the last five years, with Indonesia, Gabon, Malaysia, Myanmar and PNG the main sources. China's import of non-tropical logs has expanded even more rapidly, with Russia providing the bulk of more than 16 million m<sup>3</sup> imported in 2002. China's total log imports from all sources exceeded those of Japan (previously the world's top log importer) for the first time in 2001. By

2003, only 2 years after overtaking Japan, China's rapidly growing imports from all sources will likely be double those of Japan at around 26 million m<sup>3</sup>.

Official Chinese statistics do not include Taiwan Province of China (P.O.C.) nor Hong Kong and Macao S.A.R.s, so the figures used here for these importers are based on other available sources or estimates. Taiwan P.O.C.'s spike in imports to over 3 million m<sup>3</sup> in 2001 was reported and confirmed by COMTRADE. However, the unit values for tropical logs derived from the COMTRADE data appear low (Appendix 1-2), so the volume figure may be erroneous. Appendix 2 shows that Taiwan P.O.C.'s main tropical log trading partners in 2001 were Malaysia, Gabon and Indonesia, although the latter two reported minimal exports in the opposite direction.

Japan is the second largest ITTO tropical log importer, with imports of just over 2.1 million m<sup>3</sup> in 2001, down 32% from 2000 levels. Japanese demand for tropical logs continued to be met primarily (67%) by output from Malaysia in 2001. Japan imported 401 000 m<sup>3</sup> of logs from Papua New Guinea and over 74 000 m<sup>3</sup> from Africa (mainly Gabon and Equatorial Guinea) in 2001. Japanese tropical log imports fell another 22% in 2002 due to its contracting economy, reduced supplies from Malaysia, competition for log supplies with China and an increasing reliance on softwood logs. Russia continued as Japan's major log supplier, with imports from that country reported at over 5 million m<sup>3</sup> in 2001. Larch is now a preferred species for plywood manufacture in Japan and with prices still below those of the cheapest tropical logs, it appears likely to gain further market share.

India is the fourth largest importer of tropical logs, at slightly over 2 million m<sup>3</sup> in 2001 (up 19% from 2000), mostly from Malaysia and Myanmar but with an increasing component of African logs. As India supplied no data to ITTO, and since only 2000 data was reported by India's customs officials to COMTRADE, estimates of 2001 imports have been based on reports of trading partners.

Malaysia is also a major ITTO log importer, absorbing almost 746 000 m<sup>3</sup> in 2001 (up 4% from 2000), from Indonesia (96%) and Myanmar (2%). Malaysia's reported imports fell sharply in 2002 to 162 000 m<sup>3</sup> when a memorandum of understanding was signed with Indonesia to

attempt to control illegal logging and trade of timber products from that country.

The EU countries imported just over 2 million m<sup>3</sup> of tropical logs in 2001, down 6% from 2000. Most EU tropical log imports continue to come from African producers. France remains the largest of the EU log importers, overtaking the Republic of Korea as fourth largest ITTO consumer importer in 2001, despite a 12% drop in imports to 735 000 m<sup>3</sup>. France's imports dropped sharply again to 457 000 m<sup>3</sup> in 2002 as log export restrictions in some of its main suppliers (Cameroon, Gabon, Liberia and Republic of Congo) took effect. Portugal and Italy are also major European log importers, with 420 000 m<sup>3</sup> and 276 000 m<sup>3</sup> of log imports respectively in 2001. European log imports decreased nearly 10% in 2002 to just over 1.8 million m<sup>3</sup>.

Several ITTO producing countries have become major importers of logs, indicating the extent of wood shortages in their domestic forest sectors. India and Malaysia (see above), as well as Thailand (433 000 m<sup>3</sup>), and the Philippines (259 000 m<sup>3</sup>) were the major ITTO producer country importers of tropical logs in 2001, reflecting varying degrees of resource scarcity and increased timber demand in these countries. Total imports of tropical logs by ITTO producing members rose by 9.3% to 3.6 million m<sup>3</sup> in 2001, but fell by nearly 17% to under 3 million m<sup>3</sup> in 2002. This was mainly due to sharp decreases in Malaysian and Thai imports.

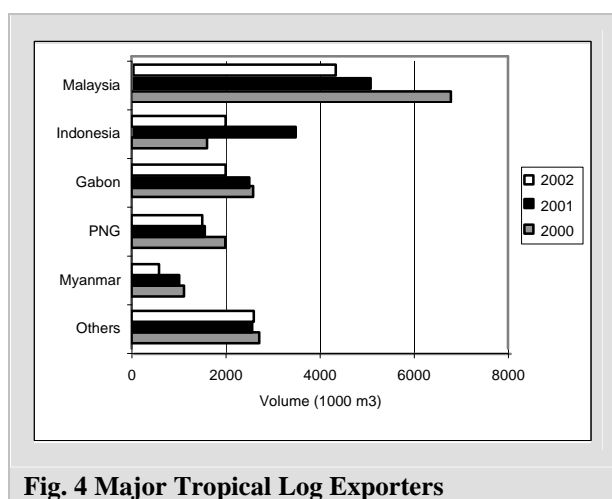
### **Exports**

Figure 4 shows the major ITTO tropical log exporters in 2000-2002, ranked by 2001 export volume. Total ITTO producer member exports were almost 15.9 million m<sup>3</sup> in 2001. Log exports by producer members decreased by 19.5% in 2002 to 12.8 million m<sup>3</sup>. Malaysia continues to dominate the trade in tropical logs with 5 million m<sup>3</sup> exported in 2001, constituting 32% of ITTO producer member exports. Malaysia's log trade in 2001 decreased in volume by 26% from 2000 levels and fell a further 15% to 4.3 million m<sup>3</sup> in 2002. Appendix 2 (Table 2-1) shows that Malaysia's major log customers are all in Asia, with China, Taiwan Province of China, Japan and India accounting for 81% of the reported log export volume in 2001.

Indonesia was the second largest log exporter in 2001 at almost 3.5 million m<sup>3</sup>. As Indonesia's trade statistics were incomplete, trading partner

reports were used to supplement officially provided data. Indonesia's main log trading partners are China and Malaysia, both of which it signed agreements with in 2002 to regulate illegal trade, resulting in the slump in exports shown in Figure 4.

Following IMF guidance, Indonesia resumed log exports in 1999 after a 13-year moratorium. Malaysia alone reported imports of 715 000 m<sup>3</sup> of Indonesian logs in 2001 compared to 3 000 m<sup>3</sup> reported as exported by Indonesia, while China's reported imports (over 1.1 million m<sup>3</sup>) were more than two hundred times greater than the level reported by Indonesian customs authorities, supporting the claims of many observers that substantial undocumented or illegal Indonesian log exports existed. Indonesia announced in late 2001 that it would re-implement a log export ban to attempt to reduce illegal exports and ensure sufficient log supplies for domestic mills.



**Fig. 4 Major Tropical Log Exporters**

Papua New Guinea is the fourth largest tropical log exporter, with 2001 exports of almost 1.6 million m<sup>3</sup>, down by 22% from 2000 levels. PNG's log exports remain far below the pre-Asian crisis levels of almost 3 million m<sup>3</sup> per year. Appendix 2 shows that while a significant quantity of PNG's log exports (27% in 2001) go to Japan, the Chinese market has grown rapidly to account for about 54% of PNG's exports in 2001, mainly in lower grades. Log exports by Myanmar (the fifth largest log exporter at 1 million m<sup>3</sup>) decreased by 9% in 2001. Myanmar's main trading partners are India, Thailand and China (although there is a major discrepancy in the figures provided by Myanmar and China – see Appendix 2).

Africa supplies the majority of the remainder of world tropical hardwood log exports. Gabon is the region's largest exporter (and ITTO's third

largest - Figure 4), but Cameroon, Central African Republic, Côte d'Ivoire, Liberia and Republic of Congo also exported substantial quantities of logs in 2001. Gabon's exports decreased by 3% in 2001 to 2.5 million m<sup>3</sup> as a decline in European markets overcame an increase in trade with China. Gabon's exports fell 20% to 2 million m<sup>3</sup> in 2002. Cameroon's exports continued to fall, slumping by 63% in 2001 and a further 4% in 2002 to 225 000 m<sup>3</sup>. Both countries are attempting to promote increased local processing and have imposed limitations on log exports, although these appear to be being implemented more strictly in Cameroon. Liberia's civil war (which led to drastic decreases in official log production and exports for most of the 1990's) was resolved in 1998, leading to a resumption of log exports which have grown rapidly to offset declines from other African countries. Liberia's exports increased a further 6% and 9% in 2001 and 2002 respectively, reaching almost 1 million m<sup>3</sup>, with most of these logs destined for China and Europe.

Exports of tropical logs by consumer countries decreased by almost 13% to 231 000 m<sup>3</sup> in 2001, 30% of which was accounted for by tropical log re-exports from Hong Kong to China. Most of the remainder was inter-EU trade. Consumer countries did not in general provide detailed breakdowns of exports or re-exports of tropical timber products (value or destination). Consumer country exports of tropical logs continued to decline in 2002, dropping 24% to 175 000 m<sup>3</sup>.

### Prices

Appendix 4 shows indicative real and nominal FOB price trends for two species of West African and five species of Southeast Asian log exports as well as domestic price trends for Malaysian rubberwood (this species is used mainly in the domestic market for secondary processed wood products).

Prices for most important species of West African log exports showed mixed behaviour during the 2001-2002 period. In Cameroon, after reaching a record low of \$182/m<sup>3</sup> (\$175/m<sup>3</sup> nominal) in mid-2001, prices for n'gollon firmed in the second half of 2001 just under \$190/m<sup>3</sup> (\$182/m<sup>3</sup> nominal) due to improved demand in UK, French and other European markets. From January 2002, n'gollon prices rose gradually during the first half of the year to reach \$220/m<sup>3</sup> (\$214/m<sup>3</sup> nominal) due to a shortage of logs as a result of new and tougher regulations on forest concessions and to a partial shifting of sales from dull European

markets to the active Chinese market. Price increases for competing Asian logs also contributed to the upward trend. N'gollon prices declined gradually to around \$203/m<sup>3</sup> (\$197/m<sup>3</sup> nominal) in late 2002, despite the restrictions on harvestable areas in Cameroon, due to a sluggish European market. Prices for sapelli also declined gradually during the first half of 2001 to \$266/m<sup>3</sup> (\$255/m<sup>3</sup> nominal) and rose gradually through the third quarter of 2001 to \$288/m<sup>3</sup> (\$277/m<sup>3</sup> nominal) before declining sharply to \$220/m<sup>3</sup> (\$211/m<sup>3</sup> nominal) at the end of 2001, a record low. Prices for sapelli were under pressure because of large volumes of niangon exported from Liberia to Europe, together with relative inactivity by Japanese and Chinese buyers. Sapelli prices rebounded in 2002, rising gradually to \$252/m<sup>3</sup> (\$244/m<sup>3</sup> nominal) in mid-2002 due to resumed imports by China and simultaneous price increases in Asian logs. Sapelli prices declined again during the third quarter of 2002 before rebounding to \$255/m<sup>3</sup> (\$239/m<sup>3</sup> nominal) at the end of the year as a result of log shortages in Cameroon.

The graphs in Appendix 4 show that after the sharp drop during the Asian crisis of 1997 and 1998, prices of most species of Asian logs have been recovering slowly but steadily. Most have traded at real prices between \$120 and \$165/m<sup>3</sup> from the end of 1998 through 2002, still well below pre-crisis levels. Selangan batu and kapur log prices traded at around \$156/m<sup>3</sup> (\$150/m<sup>3</sup> nominal) and \$151/m<sup>3</sup> (\$145/m<sup>3</sup> nominal), respectively, during the first half of 2001. Prices for both species declined slightly during the second half of the year before rebounding to \$154/m<sup>3</sup> (\$148/m<sup>3</sup> nominal) and \$149/m<sup>3</sup> (\$143/m<sup>3</sup> nominal) by year-end. The prices for these species declined slightly in January 2002 and, in the case of kapur, remained around \$147/m<sup>3</sup> (\$143/m<sup>3</sup> nominal) through most of 2002 before increasing to \$152 (\$148/m<sup>3</sup> nominal) late that year. Selangan batu traded at \$152/m<sup>3</sup> (\$148/m<sup>3</sup> nominal) during the first half of 2002 and improved steadily to \$163/m<sup>3</sup> (\$158/m<sup>3</sup> nominal) during the second half of the year. Prices for keruing and meranti logs were relatively stable (keruing) or declining (meranti) throughout 2001 and early 2002. They were trading at \$152/m<sup>3</sup> (\$148/m<sup>3</sup> nominal) and \$132/m<sup>3</sup> (\$128/m<sup>3</sup> nominal), respectively, in the first quarter of 2002. Prices for these species rose steadily from then onwards and both firmed at \$162/m<sup>3</sup> (\$158/m<sup>3</sup> nominal) in the third quarter of 2002. Prices for both keruing and meranti logs declined to \$155/m<sup>3</sup> (\$150/m<sup>3</sup> nominal) in late

2002. Meranti log export prices rose to \$165/m<sup>3</sup> (\$160/m<sup>3</sup> nominal) at year-end. Price increases for these species in 2002 followed the renewed ban on Indonesian log exports already referred to.

Domestic price trends for Malaysian rubberwood logs since early 1996 are also shown in Appendix 4. Virtually all of Malaysia's rubberwood resources are directed to local wood manufacturing and the country's fast growing furniture exports. After the enforcement of a ban on the export of sawn rubberwood in 1998 in order to ensure supplies to local manufacturers, rubberwood log prices rose slowly but steadily throughout 1999 due to good domestic demand. Prices reached \$35/m<sup>3</sup> in mid-2000, equalling the peak of pre-crisis levels. Prices dropped during the first quarter of 2001 as increased volumes became available, hovering around \$31/m<sup>3</sup> (\$30/m<sup>3</sup> nominal) for most of 2001 and early 2002. Prices for Malaysian rubberwood logs rose sharply during the second and third quarter of 2002 to around \$45/m<sup>3</sup> (\$44/m<sup>3</sup> nominal) due to increased demand from sawmills. The export quota on sawn rubberwood was abolished in February 2002 and an associated export levy reduced in order to recapture sawn rubberwood markets in China and Vietnam, which had been switching to Thai and Indonesian sources. Another positive impact on rubberwood prices was the crackdown on illegal foreign workers by the Malaysian government. The amnesty period that expired in July 2002 meant a shortage of forest workers (mainly from Indonesia) and, as a result, many sawmills could not obtain sufficient logs and were operating below capacity despite strong demand. In August 2002, the Malaysian government again increased the export levy on sawn rubberwood, resulting in a temporary decline in domestic log prices. Rubberwood log prices rebounded once the industry digested the re-imposed levy and had risen to \$51/m<sup>3</sup> (\$49/m<sup>3</sup> nominal) by late 2002, a record high for this species.

Appendix 4 also shows price trends of three grades of Myanmar teak logs from mid-1997 when data for this product began to be regularly collected by the MIS. Teak 4th grade is for sliced veneer while SG-2 and SG-4 grades are for sawmilling. In contrast to other Asian species, prices for teak logs were practically unaffected during the Asian financial turmoil in 1997-1998 and have been generally rising since then. Prices for 4th grade teak reached a high of \$2181/m<sup>3</sup> (\$2103/m<sup>3</sup> nominal) in the first quarter of 2001 due to strong demand for furniture and other

joinery products in European, Japanese and Thai markets. Prices fluctuated widely throughout the rest of 2001, declining to \$1898/m<sup>3</sup> (\$1839/m<sup>3</sup> nominal) in the first quarter of 2002. Price fluctuations were caused by variations in the supply of top grade logs (those having better texture and lighter colour) from Myanmar. Prices for 4th grade teak rose steadily during the second half of 2002, exceeding \$2220/m<sup>3</sup> (\$2152/m<sup>3</sup> nominal) late in the year, a record high.

Prices for SG-2 and SG-4 teak grades were comparatively less volatile in 2001. SG-2 prices rose steadily throughout 2002 to record highs of around \$1500/m<sup>3</sup>. SG-4 prices rose steadily in the first quarter of 2002 to surpass the \$800/m<sup>3</sup> price barrier, then firmed at that level until mid-2002 before declining slightly during the second half of the year due to over-supply. SG-2 and SG-4 grades were being traded at prices of \$1,507/m<sup>3</sup> (\$1,461/m<sup>3</sup> nominal) and \$786/m<sup>3</sup> (\$762/m<sup>3</sup> nominal) in late 2002. Demand and prices for all teak grades are expected to remain firm due to the popularity of this species in the Japanese, European and Indian markets.

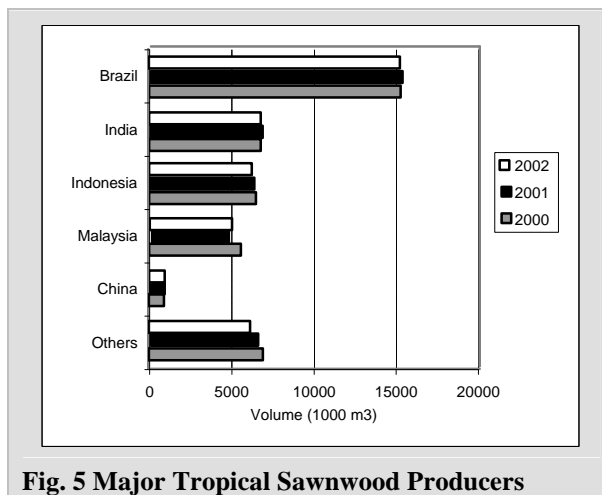
## Sawnwood

### Production

Production of tropical sawnwood in ITTO producing countries totalled 38.7 million m<sup>3</sup> in 2001, down 3.1% from 2000. Sawnwood production was stable at 38.6 million m<sup>3</sup> in 2002. Africa, which makes up only 5% of ITTO production, still suffers from weak infrastructure and environmentally demanding export markets that constrain major investments in wood processing, but production is gradually rising due to log export bans and requirements for further processing in many countries. Latin America, with around 43% of ITTO sawnwood production, was stable at 17.4 million m<sup>3</sup> between 2000 and 2002, after a sharp jump from 1999 resulting from a revision of Brazilian figures. Asian production dropped by 4.1% to 19 million m<sup>3</sup> in 2001, further decreasing to under 19 million m<sup>3</sup> in 2002. The Asian region accounted for 47% of sawnwood production in producer countries in 2000 and 2001.

Figure 5 shows the major ITTO producers of tropical sawnwood in the 2000-2002 period, ranked by 2001 production. Brazil (15.3 million m<sup>3</sup>), India (6.8 million m<sup>3</sup>), Indonesia (6.4 million m<sup>3</sup>) and Malaysia (4.7 million m<sup>3</sup>) were the major producers of tropical sawnwood in 2001. Production in the first three of these countries was stable or down slightly in 2002, while Malaysia's

sawnwood production increased by 6% (to 5 million m<sup>3</sup>). The top four tropical sawnwood producing countries comprised 82% of ITTO sawnwood production in 2001-2002. China, now ITTO's fifth largest tropical sawnwood producer, produced 950 000 m<sup>3</sup> in 2001 and remained stable in 2002.



**Fig. 5 Major Tropical Sawnwood Producers**

Appendix 1 shows that four other countries (Myanmar, Cameroon, Côte d'Ivoire, and Colombia) produced over 500 000 m<sup>3</sup> of tropical sawnwood in 2001. Production decreased in 2002 in all of these countries, except for Cameroon. Consultations are underway with Cameroon to clarify a reported drop in production in 2001 despite the country's new regulations promoting domestic processing.

Consumer countries produced 1.9 million m<sup>3</sup> of tropical sawnwood in 2001, down by almost 10% from 2000 levels, with most of the decrease due to reductions in the EU and Japan. Japan's production continued its steady decline, dropping 15% in 2001 (to 263 000 m<sup>3</sup>) and a further 3% in 2002 (to 256 000 m<sup>3</sup>).

### Consumption

Figure 6 shows the main ITTO consumers of tropical sawnwood, ranked by 2001 consumption. Consumption of tropical sawnwood by ITTO consumer countries declined by nearly 7% between 2000 and 2002, from 9 million m<sup>3</sup> to 8.4 million m<sup>3</sup>, due to decreased imports. Consumption by producer countries declined nearly 7% to 31.7 million m<sup>3</sup> in the same period. Considered over a five-year period, consumption of tropical sawnwood in producing countries has remained relatively stable, while increasing by nearly 20% in consuming countries. The five countries in Figure 6 accounted for 76% of ITTO members' consumption of tropical sawnwood in 2001.

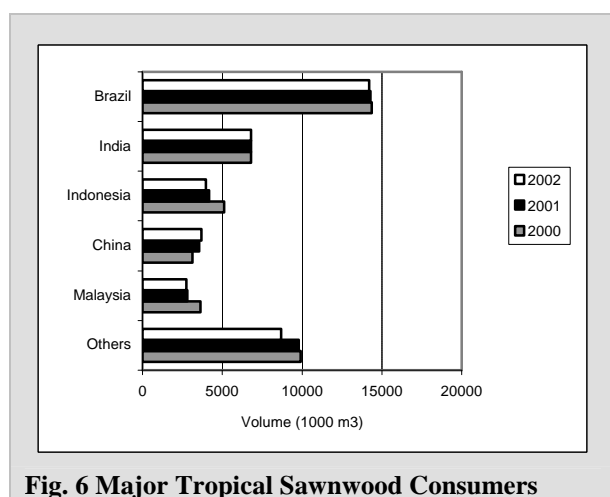
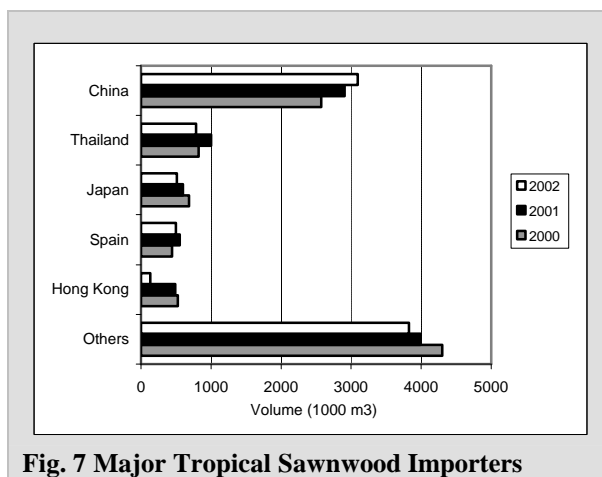


Figure 6 shows that China has maintained its place as one of ITTO's top five tropical sawnwood consumers. China's consumption of tropical sawnwood has doubled in the last five years, overtaking Japan and Thailand among other countries. China's tropical sawnwood consumption surpassed Malaysia's in 2001 to become the fourth largest ITTO consumer of tropical sawnwood. Japan's tropical sawnwood consumption decreased by 13% in 2001 and 11% in 2002 to 864 000 and 770 000 m<sup>3</sup> respectively due to the problems still affecting the country's economy. France, Korea and Spain are the other major non-tropical consumers of tropical sawnwood, all with over 400 000 m<sup>3</sup> consumption per year. All of these countries maintained consumption of tropical sawnwood at or over this level in 2002.

### Imports

Total ITTO imports of tropical sawnwood increased 2% to almost 9.5 million m<sup>3</sup> in 2001 but fell by 7.2% to 8.9 million m<sup>3</sup> in 2002. Figure 7 shows the major ITTO sawnwood importers in 2000-2002, ranked by 2001 import volume. With 2001 imports of nearly 3 million m<sup>3</sup>, China is by far the top ITTO tropical sawnwood importer. China's imports surged 13% in 2001 and a further 7% in 2002. China's tropical sawnwood imports are mainly from Indonesia (40%) and Malaysia (14%). China's, Hong Kong S.A.R.'s and Taiwan P.O.C.'s combined imports accounted for almost half of ITTO consumer imports in 2001. Thailand imported 1 million m<sup>3</sup> (up 22%) in 2001 as its large furniture and secondary processing industries continued to recover. However, Thai imports fell 22% to 785 000 m<sup>3</sup> in 2002 due to a slowing domestic economy. Both Thailand's and Japan's tropical sawnwood imports are primarily from Malaysia (64% and 45%, respectively).

Japan also imported substantial quantities of sawnwood from Indonesia (43%) in 2001 (Appendix 2). Japan remained ITTO's third largest tropical sawnwood importer in 2001 although its imports decreased by 13% to 601 000 m<sup>3</sup>. Japanese imports decreased a further 14% to 514 000 m<sup>3</sup> in 2002. Japanese imports of tropical sawnwood have fallen by over 50% since 1996, while its imports of softwood lumber (primarily from Canada and increasingly Scandinavia) remained at over 7 million m<sup>3</sup> in 2001 and 2002.

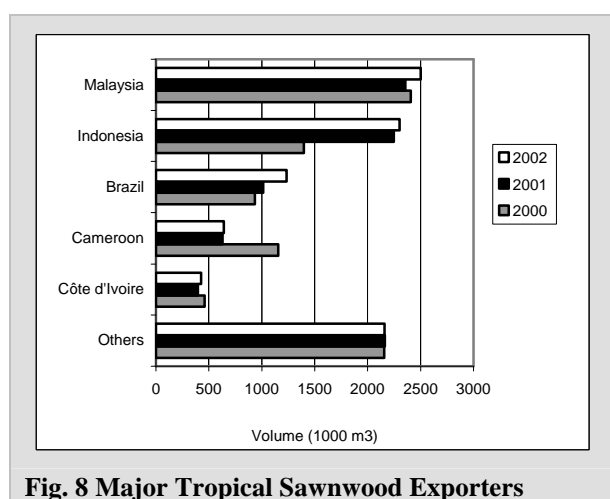


Total tropical sawnwood imports by EU countries declined by 1.5% in 2001 to 2.7 million m<sup>3</sup>, due primarily to decreased imports in Belgium, Germany, the Netherlands and Portugal. Malaysia and Indonesia are the main sources for EU imports, accounting for over half of the total. Côte d'Ivoire, Cameroon, Brazil and Ghana supplied virtually all of the remainder of EU imports. European tropical sawnwood imports decreased almost 8% in 2002 to 2.5 million m<sup>3</sup> due to declines in Belgium, Denmark, France, Germany, Italy, the Netherlands and Spain. Spain is the largest importer of tropical sawnwood in the EU, absorbing 553 000 m<sup>3</sup> in 2001 (up 25% from 2000) and 500 000 m<sup>3</sup> in 2002. Spain's imports are primarily from Africa (Cameroon and Côte d'Ivoire) and Brazil. France (396 000 m<sup>3</sup>), the Netherlands (388 000 m<sup>3</sup>) and the U.K. (348 000 m<sup>3</sup>) were other major EU tropical sawnwood importers in 2001.

As the size of the bar for "Others" in Figure 7 indicates, the tropical sawnwood market is the most diversified of all primary tropical timber products, with the five largest importers accounting for under 60% of total ITTO imports in 2001.

## Exports

Figure 8 shows the major ITTO tropical sawnwood exporters in 2000-2002, ranked by 2001 export volume. ITTO producers exported a total of almost 8 million m<sup>3</sup> of tropical sawnwood in 2001, up 6.1% from 2000, with the increase mainly due to revised estimates for Indonesian exports based on trading partner reports. Malaysia continues to dominate the trade in tropical sawnwood, with the 2.4 million m<sup>3</sup> exported in 2001 constituting 29% of total ITTO producer member exports. Malaysia's sawnwood trade fell by 2% in 2001 as its major markets of Japan and the Netherlands contracted. Appendix 2 (Table 2-2) shows that Malaysia's other major sawnwood customers in 2001 were Thailand, Korea and the large Chinese market (including Hong Kong S.A.R. and Taiwan P.O.C.). There were, however, large discrepancies between the trade flows reported by Malaysia and trading partners China, Thailand and Korea in 2001 (Appendix 2).



**Fig. 8 Major Tropical Sawnwood Exporters**

Indonesian exports of sawnwood rose sharply by 61% to nearly 2.3 million m<sup>3</sup> in 2001. Indonesia's major sawnwood market is China, but its reported trade with China in 2001 was less than a tenth of China's reported imports (Appendix 2). As for industrial roundwood, the absence of reliable trade figures from Indonesia for 2001 sawnwood exports required estimates to be made based on trading partner reports. Cameroon's exports dropped a huge 45% in 2001, but recovered by 2% in 2002, reaching 640 000 m<sup>3</sup>. The large drop in Cameroon was probably due to decreased log availability, although clarifications are being sought as noted in the section on production. Sawnwood exports for all of the top five ITTO exporters increased in 2002. In addition to the countries in Figure 8, Thailand, China and Ghana all exported over 200 000 m<sup>3</sup> of tropical sawnwood in 2001 and

2002. China's exports (313 000 m<sup>3</sup> in 2001) have exploded from almost nothing in the late 1990's and need to be further verified.

ITTO consumer countries exported 724 000 m<sup>3</sup> of tropical sawnwood in 2001, primarily (51%) from the EU countries. EU exports of tropical sawnwood increased from 316 000 m<sup>3</sup> in 1998 to 369 000 m<sup>3</sup> in 2001. Belgium, a larger tropical sawnwood exporter than many producing countries, is the main EU tropical sawnwood exporter at 161 000 m<sup>3</sup> in 2001. Belgium was also the biggest ITTO consumer country tropical sawnwood exporter in 2001 followed by the USA (67 000 m<sup>3</sup>) and the Netherlands (61 000 m<sup>3</sup>). Total consumer country exports of tropical sawnwood rose to 734 000 m<sup>3</sup> in 2002.

## Prices

Real and nominal sawnwood price trends (FOB) for two Ghanaian species, two Malaysian species and three Brazilian species of tropical sawnwood are included in Appendix 4. African sawnwood prices rose for several important species, including African mahogany (acajou) and wawa (obeche), in 2001-2002. After peaking at a record high of \$634/m<sup>3</sup> (\$617/m<sup>3</sup> nominal) in April 2000 due to a boost in EU furniture sector imports, real prices for African mahogany (one of the continent's most valuable sawnwood export species) declined sharply for most of 2000 and 2001, reaching \$442/m<sup>3</sup> (\$424/m<sup>3</sup> nominal) by year-end due to the economic downturn in US and Europe, despite a 10% tax on Ghana's sawnwood exports introduced in January 2001. African mahogany sawnwood prices surged in 2002 due to stronger demand following Brazil's ban on all harvesting and trade of its mahogany in October 2001. African mahogany sawnwood was trading at \$614/m<sup>3</sup> (\$595/m<sup>3</sup> nominal) in mid-2002 before declining slightly and firming at around the \$600/m<sup>3</sup> level (\$582/m<sup>3</sup> nominal) in late 2002 as more volumes of mahogany (*Swietenia* spp.) were available from Peru, Bolivia, Honduras and other Latin American countries.

After a period of relative stability, prices of wawa declined steadily to \$228/m<sup>3</sup> (\$219/m<sup>3</sup> nominal) by the end of 2001 as competition from lower-priced Asian sawnwood, temperate hardwoods and softwoods increased. Wawa sawnwood prices rebounded sharply throughout 2002 to reach \$459/m<sup>3</sup> (\$445/m<sup>3</sup> nominal) at year end, a record high for this species. The sharp increase was due to strong demand and restrictions on exports of competing species.

After falling sharply during the Asian economic turmoil in 1997-1998, prices of Malaysian sawnwood were rising and fluctuating (dark red meranti) or stable (seraya scantlings) until the end of 2000. Prices of both these species declined relatively steadily throughout 2001, reaching \$344/m<sup>3</sup> (\$330/m<sup>3</sup> nominal) and \$513/m<sup>3</sup> (\$493/m<sup>3</sup> nominal) respectively, by year-end due to market uncertainty and competition with African species in Holland, Germany and other European countries. Prices for dark red meranti sawnwood remained at that level in the first quarter of 2002 before rising during the rest of the year to reach \$479/m<sup>3</sup> (\$465/m<sup>3</sup> nominal) at year-end. Tight supply of the species in sawmills in Peninsular Malaysia and the ban on Indonesian log exports were the main reasons for this increase. Prices for seraya scantlings, also known as light red meranti, only rose slightly in the second half of 2002. This species was trading at \$526/m<sup>3</sup> (\$510/m<sup>3</sup> nominal) in late 2002.

Appendix 4 shows real price trends for two Latin American tropical sawnwood species, as well as for Brazilian plantation pine. CIF prices are shown for mahogany sawnwood exported by Peru, Honduras and other Latin American countries (except Brazil) to the US market. Trade of Brazilian mahogany was halted as a result of a total ban on logging, transportation, processing and trade permits of all products from this valuable species imposed by Brazil's IBAMA in late 2001. The ban was imposed in response to environmental and sustainability concerns and the identification of serious illegal logging in the Amazon. Latin American mahogany sawnwood was being traded in late 2001 at \$1362/m<sup>3</sup> (\$1320/m<sup>3</sup> nominal), a record high for this species. Latin American mahogany prices rose steadily from 2000 to late 2002 as a result of greater demand by US and European furniture markets and the Brazilian ban. In the third quarter of 2002, mahogany sawnwood was trading at \$1575/m<sup>3</sup> (\$1526/m<sup>3</sup> nominal), 27% higher than in 2000 and 43% higher than in 1996. However, prices for Latin American mahogany sawnwood declined sharply in the last quarter of 2002 to \$1,465/m<sup>3</sup> (\$1,420/m<sup>3</sup> nominal) due to an authorization by Brazil to export seized mahogany and the slowdown in the US economy.

Jatoba sawnwood prices were stable or declining during 2001-2002. For most of 2001, prices for this Brazilian species hovered around \$698-688/m<sup>3</sup> (\$670-\$660/m<sup>3</sup> nominal) before declining steadily from late 2001 and throughout 2002 due mainly to the sharp slide of the

Brazilian real. Jatoba sawnwood prices improved slightly to trade at \$578/m<sup>3</sup> (\$560/m<sup>3</sup> nominal) in late 2002. Brazilian producers are looking for new tropical sawnwood markets in Asia and elsewhere in order to reduce their dependence on the US market which continued performing relatively weakly in 2002.

The graph for Brazilian pine sawnwood is included to allow comparison of prices of a relevant coniferous species with those of tropical hardwoods. After declining steadily in the second half of 2000 and first quarter of 2001 to a new low since prices have been recorded by the MIS, prices of Brazilian pine sawnwood were relatively stable for the remainder of 2001 and throughout 2002 at around \$129-132/m<sup>3</sup> (\$125-128/m<sup>3</sup> nominal). Brazilian sawn pine prices have been less affected than Jatoba sawnwood by the devaluation of the real as prices in the local currency have been supported by a strong demand in export markets for value added pine products such as clear blocks, blanks and mouldings.

## Veneer

### Production

Production of tropical veneer in ITTO producing countries totalled 2.2 million m<sup>3</sup> in 2001. Veneer production figures should not include veneer used in domestic plywood production and therefore represent only the production of veneer intended to be traded as such. Veneer production in producing countries decreased by 15.3% in 2001, but rebounded by nearly 8% to 2.4 million m<sup>3</sup> in 2002. The Asian region produced over 1 million m<sup>3</sup> of tropical veneer in 2001, Africa produced 710 000 m<sup>3</sup> and Latin America produced 417 000 m<sup>3</sup>. Aggregate production rose in Africa (up 1.7%) and in Asia (up 15.2%) and was stable in Latin America in 2002. The main ITTO veneer producers in 2000-2002 are shown in Figure 9.

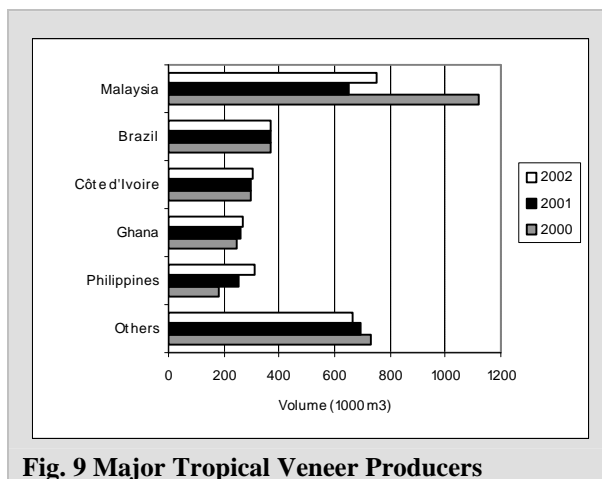


Fig. 9 Major Tropical Veneer Producers

The 2001 and 2002 changes in producer country totals were due largely to similar changes in Malaysia's veneer production. Malaysia is ITTO's largest tropical veneer producer. Its production slumped by 41% from 1.1 million m<sup>3</sup> to 649 000 m<sup>3</sup> between 2000 and 2001 due to decreased log availability and a slowdown in exports to China. Malaysian production increased 16% to 750 000 m<sup>3</sup> in 2002.

Brazil's production made up 17% of the ITTO producer total in 2001 and 15% of total ITTO veneer production. Brazilian production was stable at 370 000 m<sup>3</sup> in 2002. Côte d'Ivoire's production also remained stable at around 300 million m<sup>3</sup> in 2001-2002.

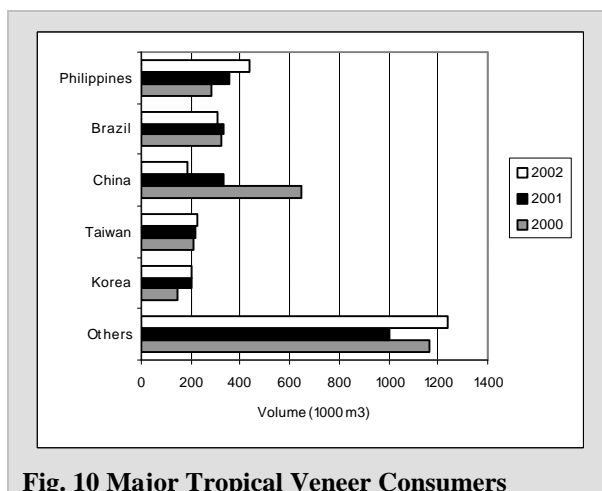
Ghana and the Philippines both experienced increases in veneer production of 6% (to 259 000 m<sup>3</sup>) and 43% (to 255 000 m<sup>3</sup>) respectively in 2001. Two other ITTO producer members (Gabon and Indonesia) had veneer production of more than 70 000 m<sup>3</sup> in 2001 with increases of 21% (110 000 m<sup>3</sup>) and 36% (94 000 m<sup>3</sup>) respectively.

ITTO consuming countries produced 329 000 m<sup>3</sup> of tropical veneer in 2001, down nearly 6% from 2000 levels. Production dropped a further 9.4% in 2001. Production of tropical veneer in consumer countries in 2001 was split between the EU (40%), China (including Hong Kong and Macao S.A.R.s, 22%), Japan (18%) and Taiwan Province of China (20%). Japan, China and Taiwan Province of China consume virtually all of the veneer they produce, however, while well over half of the total produced in Europe is re-exported (mainly to other European countries). EU production fell 7.4% to 133 000 m<sup>3</sup> in 2001 and a further 9% to 121 000 m<sup>3</sup> in 2002. Japan's production of tropical veneer fell by 14% to 60 000 m<sup>3</sup> in 2001 and slumped another one-third to 40 000 m<sup>3</sup> in 2002. Japan's tropical veneer production has halved in the last five years as its tropical veneer and plywood industries have contracted together with log availability and the economy.

### Consumption

Consumption of veneer in the furniture and other secondary processing industries of ITTO member countries plunged by 11.6% in 2001 to 2.4 million m<sup>3</sup>. Consumption rebounded nearly 6.5% to 2.6 million m<sup>3</sup> in 2002. Aggregate consumption of tropical veneer in consumer countries caused most of the decline in 2001, falling by 16% to under 1.3 million m<sup>3</sup>.

Consumer imports fell another 16% in 2002 to under 1.1 million m<sup>3</sup>. Figure 10 shows the major ITTO consumers of tropical veneer from 2000-2002.



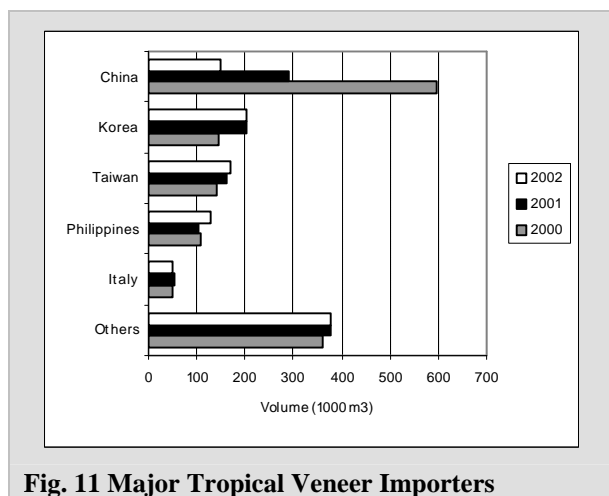
**Fig. 10 Major Tropical Veneer Consumers**

The Philippines became ITTO's largest tropical veneer consumer in 2001, overtaking Brazil and China. The Philippines' tropical veneer consumption rose 56% from 280 000 m<sup>3</sup> in 2000 to 437 000 m<sup>3</sup> in 2002, led by rising production for the country's furniture industry. Brazil, with 332 000 m<sup>3</sup>, was ITTO's second largest tropical veneer consumer in 2001, accounting for 14% of total ITTO veneer consumption. Of the countries in Figure 10, only Brazil and China decreased tropical veneer consumption in 2002. China's consumption of tropical veneer has declined dramatically, falling by 71% between 2000 and 2002, as veneer imports previously used in the plywood industry have been replaced by domestic plywood production using imported tropical logs.

### Imports

Many importing countries do not differentiate between the various types of veneer and plywood (e.g. softwood/hardwood, temperate/tropical) in trade statistics. For plywood, different species of veneers (softwoods and hardwoods) are increasingly used in production. This lack of resolution in trade statistics is compounded by the fact that countries use a wide variety of scales to measure trade in panel products. Some countries use volume (as is used here), some use surface area and still others use weight. All of these can be reported in metric or imperial units, depending on the country. Many countries report only aggregate trade in all veneers and panels (tropical and non-tropical). Some also aggregate veneer and plywood into a single category. The discrepancies in trade partner reports in Appendix 2 for veneer are at least partially due to the use of different conversion factors in different

countries. The adoption of a standard measurement system for veneer and panel products is a priority if improvements in the accuracy of these statistics are to be achieved.



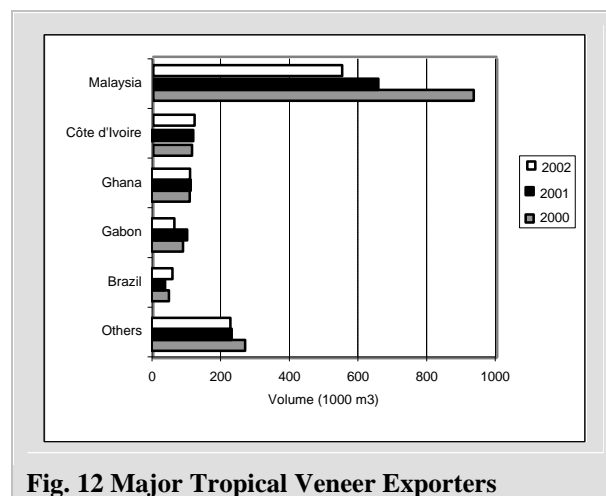
**Fig. 11 Major Tropical Veneer Importers**

Figure 11 shows the major ITTO veneer importers for 2000-2002. Total ITTO imports of tropical veneer dropped nearly 15% to 1.2 million m<sup>3</sup> in 2001, falling further to 1.1 million m<sup>3</sup> in 2002. China decreased tropical veneer imports by 51% in 2001, but nonetheless remained the top ITTO importer. With imports further decreasing to 150 000 m<sup>3</sup> in 2002, China relinquished the top spot to Korea. Korea's imports surged 39% in 2001 to 203 000 m<sup>3</sup> and remained stable in 2002. Figure 11 shows that four out of the five top veneer importers are Asian countries. Imports by Asian countries are primarily sourced from Malaysia, while the majority of European imports are from African producers (mainly Côte d'Ivoire, but increasingly also from Gabon and Ghana). The EU absorbed 227 000 m<sup>3</sup> and 234 000 m<sup>3</sup> of tropical veneer in 2001 and 2002, around one-fifth of total ITTO imports in both years. Japan imported 48 000 m<sup>3</sup> of tropical veneer in 2001, 6% less than in 2000. Japan's tropical veneer imports decreased a dramatic 80% to 9 000 m<sup>3</sup> in 2002.

### Exports

Figure 12 shows the top ITTO tropical veneer exporters in 2000-2002, ranked in order of 2001 export volume. Total ITTO producer member exports decreased by nearly 22% to 1.1 million m<sup>3</sup> in 2001. ITTO producer country veneer exports slumped a further 11% in 2002 to 1 million m<sup>3</sup>. Malaysia continues to be ITTO's dominant veneer exporter, with exports of 656 000 m<sup>3</sup> in 2001 accounting for 57% of total ITTO producer member exports. Appendix 2

(Table 2-3) shows that Malaysian exports are mainly directed to China, the Republic of Korea, Taiwan Province of China, the Philippines and Japan.



**Fig. 12 Major Tropical Veneer Exporters**

Côte d'Ivoire was the second largest tropical veneer exporter in 2001 at 121 000 m<sup>3</sup>, an increase of 7% from 2000 exports. Côte d'Ivoire's main veneer markets are all in the EU (mainly Belgium, France, Germany and Italy). Ghana is the third largest ITTO tropical veneer exporter, growing steadily to 114 000 m<sup>3</sup> in 2001. Gabon and Brazil overtook Cameroon as ITTO's fourth and fifth largest tropical veneer exporters with 104 000 m<sup>3</sup> and 39 000 m<sup>3</sup> respectively in 2001.

The EU accounted for 89 000 m<sup>3</sup> of total consumer country tropical veneer exports of 120 000 m<sup>3</sup> in 2001, with 2002 levels of EU exports remaining stable. France, Germany and the Netherlands are the largest EU tropical veneer exporters. Total exports by ITTO consumer countries increased slightly to 122 000 m<sup>3</sup> in 2002.

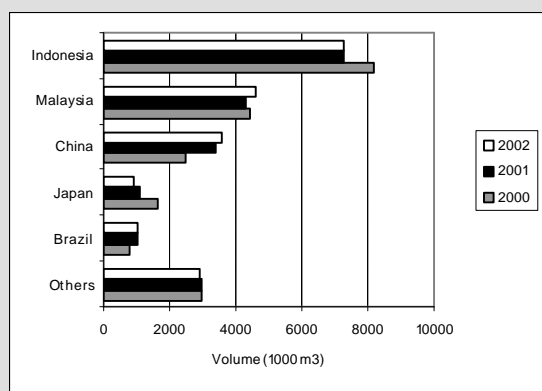
### Prices

Veneer prices are not included in the coverage of the ITTO MIS. Tropical veneer prices were also not regularly quoted by any other available sources for the period under review. Appendix 1 (Tables 1-2-b and 1-2-d) shows the average unit value of tropical veneer imports and exports, while Appendix 3 provides details of the species and (in some cases) grades of veneer traded by countries with average prices. Appendices 1 and 3 show that consumer country exports of tropical veneer are usually of much higher value than those from producer countries, with the difference more pronounced than for other tropical products.

## Plywood

### Production

Production of plywood in ITTO producing countries totalled 14 million m<sup>3</sup> in 2001. Plywood production in producing countries decreased by 5.2% in 2001 but recovered by almost 2% in 2002. The main ITTO plywood producers in 2000-2002 are shown in Figure 13. Plywood production by Indonesia, by far the top ITTO producer, dropped by 11% from 2000 levels to 7.3 million m<sup>3</sup> in 2001 and remained stable in 2002. Indonesian plywood production will likely continue to fall in 2003 as the government in 2002 announced logging restrictions to begin taking effect in that year. Malaysia's plywood production also declined in 2001, by 3% to 4.3 million m<sup>3</sup>. Malaysian production increased 7% to 4.6 million m<sup>3</sup> in 2002. Plywood production has declined significantly in the last five years in both Malaysia and Indonesia (by 18% and 6% respectively). The Asian region produced 12.5 million m<sup>3</sup> of plywood in 2001 (about 89% of total producer member production), Latin America produced just under 1.3 million m<sup>3</sup> (9%) and Africa produced 166 000 m<sup>3</sup> (2%).



**Fig. 13 Major Tropical Plywood Producers**

Production in China, the third largest producer of tropical plywood, increased by 36% to 3.4 million m<sup>3</sup> as a result of a continuous increase in tropical log imports and a corresponding decrease in plywood imports. Chinese tropical plywood production rose a further 6% to 3.6 million m<sup>3</sup> in 2002. China has nearly quadrupled its tropical plywood production in the last five years to keep pace with the demand of its growing construction sector and to feed a growing export sector.

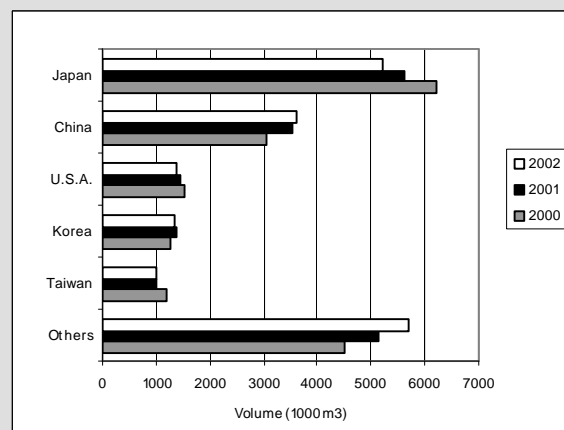
Tropical plywood production in Japan decreased by 33% in 2001, dropping a further 19% to 900 000 m<sup>3</sup> in 2002. Brazilian production increased by 30% to 1 million m<sup>3</sup> and remained

stable in 2002. France, India, Korea, Taiwan Province of China and the Philippines all produced at least 300 000 m<sup>3</sup> of tropical plywood in 2001.

ITTO consuming countries produced over 6 million m<sup>3</sup> of plywood in 2001 (about 30% of total ITTO production), a 5.4% increase from 2000. ITTO consuming countries' production declined slightly to 5.9 million m<sup>3</sup> in 2002, due to decreases in Japanese, Korean and French production. Japan's production has halved in the last five years and is now only about one-fifth of plywood imports. This is a big change from the situation that existed from 1945-95, when domestic production consistently exceeded imports. As mentioned in previous Reviews, Japanese plywood manufacturers are increasing the proportion of softwoods used in plywood production, as well as investigating lamination and other techniques to allow re-use of concrete form-ply. Substitution by reconstituted panels is also occurring. In addition, several plywood manufacturers from Japan (as well as from Taiwan P.O.C. and elsewhere) have established joint ventures for plywood and other panel production in producer countries where costs are lower.

### Consumption

The three tropical regions of Asia, Latin America and Africa consumed 20, 44 and 30%, respectively, of their production domestically in 2001. Asia's relatively low consumption/production ratio is due to the export led industries of Malaysia and Indonesia, although domestic consumption is increasing due to poor export prices and other factors.



**Fig. 14 Major Tropical Plywood Consumers**

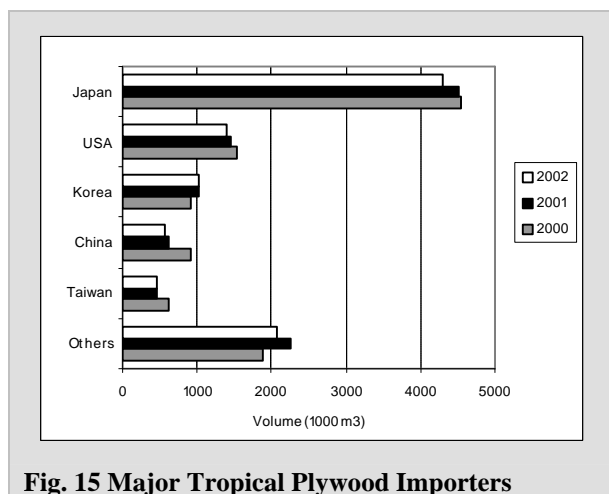
Figure 14 shows the top ITTO consumers of tropical plywood for 2000-2001. Aggregate consumption in consumer countries increased to

over 15 million m<sup>3</sup> in 2001 due to increases in China (16%), Korea (7%) and the EU (9%). China's consumption continued to increase, rising by 2% in 2002 to almost 3.7 million m<sup>3</sup>. While Chinese consumption is predicted to remain strong, tropical plywood consumption in most traditional markets will at best remain stable in future as substitutes and more efficient uses are increasingly adopted. In contrast to China, Japan, the USA, Korea and Taiwan P.O.C. all had declining or stable tropical plywood consumption in 2001 and 2002.

Aggregate consumption of plywood in producing countries increased by almost 9% from nearly 2.8 million m<sup>3</sup> in 2000 to 3 million m<sup>3</sup> in 2001, due largely to increased consumption in Indonesia. Consumption increased a further 23% in 2002 to 3.7 million m<sup>3</sup> due to increases in Malaysia and Brazil.

### Imports

Figure 15 shows the major ITTO plywood importers for 2000-2002, ranked by import volume in 2001. Total ITTO imports of tropical plywood were stable at 10.3 million m<sup>3</sup> in 2001. Imports decreased by 5% in 2002 to 9.8 million m<sup>3</sup>.



**Fig. 15 Major Tropical Plywood Importers**

The majority of all tropical plywood imports are sourced from Indonesia and Malaysia (59% and 41% respectively in 2001 for the top importer, Japan). As noted in the plywood production section, Japan continues to replace domestic hardwood plywood production with softwoods, imported plywood (tropical and non-tropical) and substitutes like OSB and MDF. Its tropical plywood imports decreased by 5% in 2002, to 4.3 million m<sup>3</sup>, due to its continuing flat construction sector. The general trend toward increasing plywood imports by Japan is partially due to its difficulty in obtaining tropical logs for

domestic production in the face of competition from China. Low prices (see plywood prices section) also continued to make imported plywood more attractive than domestic production in 2001-2002. As shown in Appendix 2, Japan is now importing small but growing quantities of low-priced tropical plywood from China.

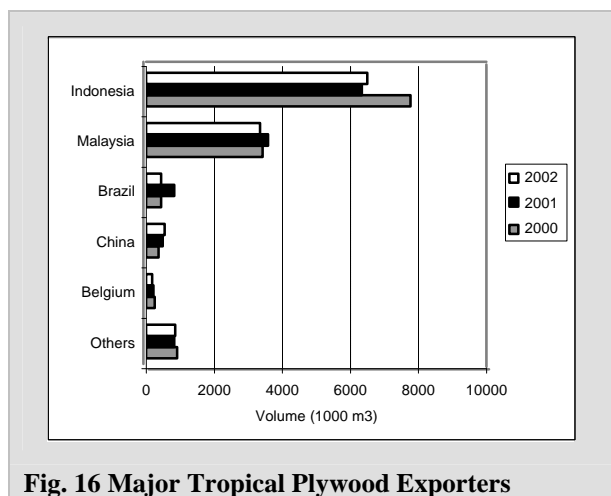
The USA was ITTO's second major plywood importer in 2001 at nearly 1.5 million m<sup>3</sup>, a drop of 5% from 2000 levels. The USA received 41% of this plywood from Indonesia, 23% from Malaysia and most of the rest from Latin America. USA imports declined another 3% in 2002 to 1.4 million m<sup>3</sup>. As its construction sector recovered, Korea overtook China as ITTO's third largest tropical plywood importer in 2001, at over 1 million m<sup>3</sup>. Indonesia traditionally supplied most of Korea's plywood imports, but Malaysia has increased its share rapidly, from 18% in 1995 to 42% in 2001. China's imports dropped 32% in 2001 to 619 000 m<sup>3</sup> and a further 8% to 570 000 m<sup>3</sup> in 2002. Chinese imports have declined more than 70% since 1998 as authorities moved to increase domestic plywood production from imported logs to boost employment and offset reduced domestic log supplies. Tariffs on imported plywood are 15%, compared to zero for logs. Taiwan Province of China (464 000 m<sup>3</sup>) was also a substantial tropical plywood importer in 2001, from Indonesia (62%), Malaysia (30%) and China (8%).

EU imports of tropical plywood totalled 1.4 million m<sup>3</sup> in 2001, a 7.2% increase from 2000 levels. EU imports are led by the UK, Belgium and the Netherlands. Most of the EU's tropical plywood also came from Indonesia and Malaysia, with Brazil and inter-European trade also playing a fairly large role in many countries' imports. China continued to export small but growing amounts of tropical plywood to the EU, particularly to the UK where quality concerns were raised (see Country Notes). European imports of tropical plywood dropped by 8.4% to 1.3 million m<sup>3</sup> in 2002 due to declines in Belgium, the Netherlands and Germany.

### Exports

Figure 16 shows the major ITTO tropical plywood exporters in 2000-2002. In 2001, ITTO producer exports declined 8.3% to 11 million m<sup>3</sup>. Tropical plywood exports by producers fell further in 2002 to 10.7 million m<sup>3</sup>. Indonesia continues to dominate the trade in tropical plywood with the 6.3 million m<sup>3</sup> exported in 2001

constituting 57% of total ITTO producer member exports, although this is down from 84% in 1992. Indonesia's exports were estimated to have increased slightly in 2002 to 6.5 million m<sup>3</sup>.



Malaysia is Indonesia's major competitor in the tropical plywood trade. Malaysian exports increased by 5% to 3.6 million m<sup>3</sup> in 2001, but decreased by 6% to 3.4 million m<sup>3</sup> in 2002. Malaysia was a major supplier of the Chinese plywood market and has been hard hit by that country's switch to log imports. Malaysia's rapid growth in plywood exports up to 1998 (when exports approached 4 million m<sup>3</sup>) was due to the construction of new plywood mills in Sabah and Sarawak to process formerly exported veneer logs and log imports from Indonesia; the two eastern Malaysian states account for almost all of the country's plywood exports. The restrictions on Indonesia's log exports imposed in 2002 led to decreased production and exports from these mills. Malaysia's exports are now mainly to Japan, Korea and the USA.

Latin American plywood exports increased 52% in 2001 to 940 000 m<sup>3</sup> due to an 88% jump in Brazil's exports to 826 000 m<sup>3</sup> which was confirmed by IBAMA but requires further investigation. Brazil's tropical plywood exports decreased sharply by 47% to 440 000 m<sup>3</sup> in 2002. The USA and the EU (mainly the UK, Germany and Belgium) are the major markets for Brazil's hardwood plywood. Africa's plywood exports remained relatively minor at 166 000 m<sup>3</sup> in 2001 but have grown rapidly in the past 5 years due to increased exports from Côte d'Ivoire, Gabon and Ghana.

Although tropical plywood exports from the EU dropped 7.5% in 2001, ITTO consumer country exports increased by almost 12% to 1.1 million m<sup>3</sup> (slightly more than half from the

EU) due to China's sharp increase of 33% to 486 000 m<sup>3</sup>. China's boom in tropical plywood exports to markets like the EU, Taiwan P.O.C. and Japan is especially notable since it is largely based on logs sourced from ITTO's two main producer country plywood exporters (Indonesia and Malaysia), both of which have been steadily losing share in these plywood markets. Consumer country exports rose 1.7% to almost 1.2 million m<sup>3</sup> in 2002.

### Prices

Appendix 4 includes graphs showing recent trends in real FOB prices for Indonesian, Malaysian and Brazilian plywood grades and thicknesses. The main tropical species contained in plywood traded in 2000-2001 are given in Appendix 3 for those countries which reported this data. Three graphs showing imported Indonesian plywood price trends in Japan (the major import market for this product) from 1992 to the end of 2002 are also included for reference.

Prices for plywood continue to reach new lows due to depressed construction sectors in major importing markets and growing substitution by softwood plywood and other panels. Plywood prices from all three of the exporting countries shown in Appendix 4 have generally been declining since 1996. For Asian plywood, this discussion focuses on Indonesian prices, with which Malaysian prices are closely correlated.

Prices of Indonesian BB/CC moisture resistant (MR) plywood stabilised in early 2000 at about \$388/m<sup>3</sup> (\$378/m<sup>3</sup> nominal), \$316/m<sup>3</sup> (\$308/m<sup>3</sup> nominal) and \$203/m<sup>3</sup> (\$198/m<sup>3</sup> nominal) for 2.7 mm, 3 mm and 6-18 mm thicknesses, respectively, helped by a stronger yen in Japan and an active demand for thin plywood in China. Prices for these panels then declined steadily from mid-2000 to the second quarter of 2002. Indonesian plywood was trading at around \$209/m<sup>3</sup>, \$191/m<sup>3</sup> and \$152/m<sup>3</sup> for the above thicknesses, respectively, in March 2002, all record lows. These price levels were less than half of the highs observed in 1996 for these products. Prices of Asian plywood firmed from the second quarter of 2002 as the effects of the ban on Indonesian log exports were felt particularly by Malaysian plymills, which saw a reduced availability of cheap logs. Indonesian plywood prices declined in the last quarter of 2002 as buyers in Japan and China resisted further price increases. The 2-7 mm, 3 mm and 6-18 mm panels were trading at \$245/m<sup>3</sup> (\$238/m<sup>3</sup> nominal), \$204/m<sup>3</sup> (\$198/m<sup>3</sup> nominal)

and \$175/m<sup>3</sup> (\$170/m<sup>3</sup> nominal), respectively, in late 2002.

Brazilian plywood prices have also undergone significant declines in the past 5 years. Prices of white virola (5.2 mm), the most valuable Brazilian plywood export species, declined steadily until the first quarter of 2000 to \$236/m<sup>3</sup> (\$230/m<sup>3</sup> nominal) and hovered around that level for most of 2000 and 2001 despite volume shortages caused by the closure of some virola plywood mills in the Amazon. Prices of white virola declined sharply in late 2001 to \$222/m<sup>3</sup> (\$215/m<sup>3</sup> nominal), a record low for this species. Prices remained at that level during the first quarter of 2002 before rising steadily to reach \$268/m<sup>3</sup> (\$260/m<sup>3</sup> nominal) in the third quarter of 2002. White virola prices fell sharply to \$237/m<sup>3</sup> (\$230/m<sup>3</sup> nominal) in late 2002 due to a depreciation of the Brazilian real. Brazilian plywood has seen significant increases in exports due to very competitive prices as a result of relatively low operational costs and the devaluation of the real.

Prices for Brazilian pine plywood (15 mm), included here for comparison purposes, were less severely affected during the 1997-98 market turbulence than Brazil's tropical exports. Pine plywood prices have nonetheless been declining steadily since early 1999, when they reached a high of \$275/m<sup>3</sup> (\$273/m<sup>3</sup> nominal). By the end of 2001, prices of pine plywood had dropped 40% to \$164/m<sup>3</sup> (\$157/m<sup>3</sup> nominal), a new low. Brazilian plywood producers blamed European buyers for this price drop due to their pressure to reduce margins despite increases in log and glue prices. Pine plywood prices rose slightly throughout 2002 and were trading at \$181/m<sup>3</sup> (\$175/m<sup>3</sup> nominal) by late 2002. Higher prices and stronger demand for tropical plywood caused many mills in southern Brazil to reduce pine plywood production, contributing to the recent increase in prices.

In general, the medium-term prospects for tropical plywood prices remain poor as there appears to be a global over-capacity for wood-based panels, which maintains downward pressure on prices. Low prices have already forced the closure of many tropical plywood mills and many others are having to sell their panels at close to production cost.

## Reconstituted Panels

Substantial quantities of reconstituted panel products, particularly particleboard and MDF, are now being produced in several tropical countries in Asia and Latin America. Many new plants are now operational or soon will be to meet the expected surge in demand for such products. Reconstituted panel products will become increasingly important as limits on the growth of plywood production are reached and as more countries move further into downstream processing and attempt to utilize available resources more efficiently. These panels will substitute for plywood and sawnwood in many uses, resulting in decreasing or slower growth in production of these traditional tropical timber products in many countries. This section provides statistics on production and trade of reconstituted panel products by ITTO producer countries based on the data contained in Appendix 1-3. The analysis focuses on particleboard and fibreboard (including hardboard, MDF and insulating board), of which MDF is by far the largest component in tropical countries' production and trade.

## Production

Figure 17 shows the major ITTO reconstituted panel producers for 2001. Particleboard production in ITTO producer countries rose by 15.6% to nearly 3.5 million m<sup>3</sup> in 2000, but declined slightly by 1.5% to 3.4 million m<sup>3</sup> in 2001. Particleboard production doubled in ITTO producer countries between 1997 and 2001, from 1.7 million m<sup>3</sup> to 3.4 million m<sup>3</sup> when it accounted for 4.1% of world production.

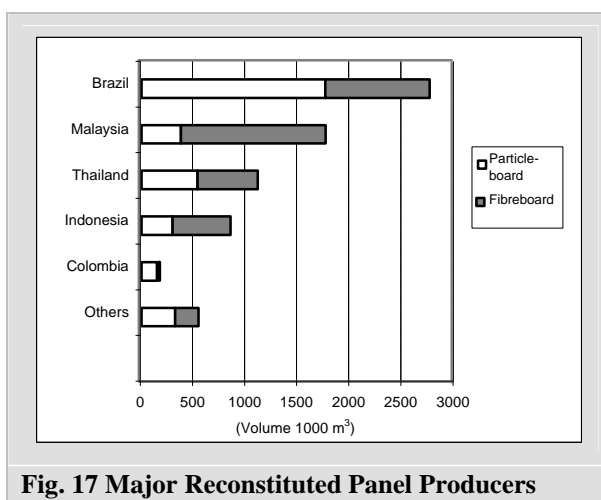


Fig. 17 Major Reconstituted Panel Producers

Particleboard production by Brazil, by far the top ITTO tropical producer, increased sharply by 17.5% to nearly 1.8 million m<sup>3</sup> in 2000 and remained at this level in 2001. Brazilian particleboard production accounts for over 50% of the ITTO producer total. Brazil's reconstituted panel production is largely based on its non-tropical pine resource. Thailand, the second largest ITTO tropical particleboard producer, increased production by 10.6% to 500 000 m<sup>3</sup> in 2000, and a further 7.6% to 538 000 m<sup>3</sup> in 2001. Thailand's production has increased almost five-fold in the past 5 years. Malaysia and Colombia also increased their particleboard production by 30% and 15% to 455 000 m<sup>3</sup> and 160 000 m<sup>3</sup> respectively in 2000, while Indonesia declined by 4.2% to 300 000 m<sup>3</sup> for the same year. All three countries decreased their output in 2001. In Thailand and Malaysia, rubberwood is the main source of raw material for particleboard mills.

Fibreboard production in ITTO producer countries grew by 15.5% to nearly 3.6 million m<sup>3</sup> in 2000, increasing another 6% to nearly 3.8 million m<sup>3</sup> in 2001. ITTO producers constitute around 10% of world production. Fibreboard production by Malaysia, the largest tropical ITTO producer, increased 15.8% to nearly 1.3 million m<sup>3</sup> in 2000, growing a further 8.3% to almost 1.4 million m<sup>3</sup> in 2001. Malaysia's fibreboard is all MDF and it is the largest ITTO producer manufacturer of this type of panel. Malaysia has 14 MDF mills, the majority of which use rubberwood raw material.

Brazil is the second largest ITTO fibreboard producer. Its output increased by almost 5% in 2000 to 1 million m<sup>3</sup>, and remained at this level in 2001. Brazilian fibreboard production was composed of 56% hardboard, 38% MDF and 6% insulating board (559 000 m<sup>3</sup>, 381 000 m<sup>3</sup> and 61 000 m<sup>3</sup> respectively) in 2001. Brazil is the largest ITTO hardboard producer.

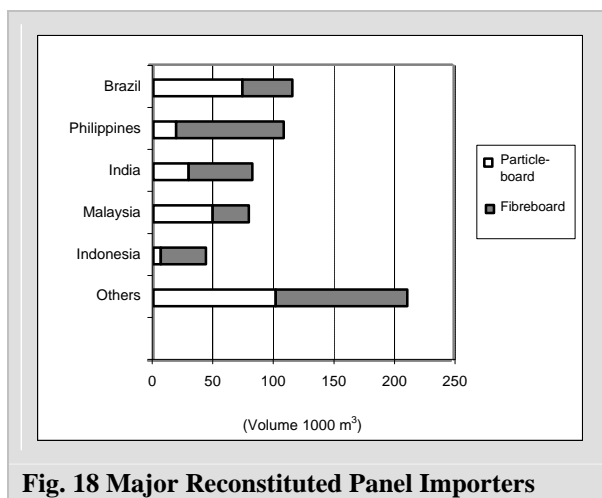
Fibreboard production in Indonesia and Thailand has experienced continuous growth since 1997. Indonesia increased production from 527 000 m<sup>3</sup> in 2000 to 557 000 m<sup>3</sup> in 2001, while Thailand's fibreboard output increased from 511 000 m<sup>3</sup> to 577 000 m<sup>3</sup> for the same period. Thai fibreboard production was composed of 23% hardboard and 77% MDF (135 000 m<sup>3</sup> and 442 000 m<sup>3</sup> respectively) in 2001, while Indonesian fibreboard production was 27% hardboard, 41%

MDF and 32% insulating board (150 000 m<sup>3</sup>, 229 000 m<sup>3</sup> and 178 000 m<sup>3</sup> respectively). Indonesia is the largest ITTO producer insulating board manufacturer.

India produced 132 000 m<sup>3</sup> of fibreboard in 2000, an increase of 1.5% from the previous year, with production remaining stable in 2001. Indian fibreboard production was composed of 63% hardboard, 35% MDF and 2% insulating board (83 000 m<sup>3</sup>, 46 000 m<sup>3</sup> and 3 000 m<sup>3</sup> respectively) in 2001.

### Imports

Figure 18 shows the major ITTO producer country reconstituted panel importers in 2001. Particleboard imports by ITTO producer countries rose sharply by 64% to 327 000 m<sup>3</sup> in 2000 due to a similar spike in Brazilian imports but decreased by 15.3% to 277 000 m<sup>3</sup> in 2001. Brazil is the largest ITTO particleboard importer, rising sharply by 194% to 121 000 m<sup>3</sup> in 2000, but declining by 39.2% to 74 000 m<sup>3</sup> in 2001. Malaysia, Peru and India all imported over 25 000 m<sup>3</sup> each in 2001.



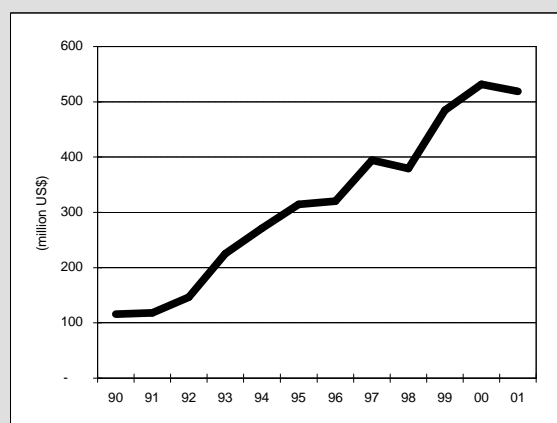
**Fig. 18 Major Reconstituted Panel Importers**

Fibreboard imports by ITTO producer countries rose by 21.2% to 385 000 m<sup>3</sup> in 2000, but decreased by 6.7% to 359 000 m<sup>3</sup> in 2001. The Philippines is the largest ITTO producer fibreboard importer, with annual imports averaging around 100 000 m<sup>3</sup>, mostly MDF (for which it is also the largest producer importer). India overtook Brazil as the second largest ITTO fibreboard importer in 2001 with 52 700 m<sup>3</sup>, a 36% increase from 2000 levels. This was due to strong growth in its imports of all types of fibreboard: hardboard up 227%, MDF up 12.3% and insulating board up 37%. Brazil, in contrast, mainly imports MDF, its imports of which

dropped by 36% in 2001 to 40 300 m<sup>3</sup>. Indonesia and Malaysia both imported over 25 000 m<sup>3</sup> of fibreboard in 2000 and 2001.

### Exports

Figure 19 shows the rapid growth of ITTO producer country exports of reconstituted panels over the 1990-2001 period. This growth has been driven by an impressive expansion in exports by Asia, particularly Malaysia (up 1 971% since 1990) Thailand (up over 400%) and Indonesia (up 219%), the three largest ITTO producer exporters. Asia accounted for 82% of ITTO producer exports of reconstituted panels in 2000. By comparison, exports by Brazil (mainly of fibreboard) have declined by 12% in the same period due to increased domestic demand. Brazil was, until the mid-1990s, the largest ITTO producer exporter of reconstituted panels.

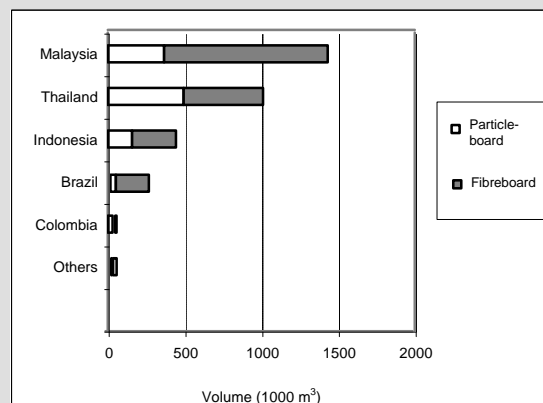


**Fig. 19 Export of Reconstituted Panels by ITTO Producers, 1990-2001**

Figure 20 shows the major ITTO reconstituted panel exporters for 2001. Particleboard exports by ITTO producer countries rose by 14.6% to 1.2 million m<sup>3</sup> in 2000, but declined 8.8% to 1.1 million m<sup>3</sup> in 2001. ITTO tropical particleboard exporters have doubled their exports in the past five years, but still account for only around 5% of total world particleboard exports.

Thailand and Malaysia have become the two largest ITTO tropical particleboard exporters since 1999 when they both overtook Indonesia. Thailand's particleboard exports increased by 14.2% to 433 000 m<sup>3</sup> in 2000 and a further 14.3% to 495 000 m<sup>3</sup> in 2001. Malaysia also increased exports by a substantial 34.6% to 421 000 m<sup>3</sup> in 2000, but dropped by 12.8% to 367 000 m<sup>3</sup> in 2001. Indonesian particleboard exports declined by 4% to 241 000 m<sup>3</sup> in 2000, slumping a further 34% to 159 100 m<sup>3</sup> in 2001. Brazil and Colombia

are the largest ITTO particleboard exporters in Latin America, exporting over 30 000 m<sup>3</sup> each in 2001.



**Fig. 20 Major Reconstituted Panel Exporters**

Fibreboard exports by ITTO producer countries rose by 11% to 1.8 million m<sup>3</sup> in 2000, increasing a further 13.5% to 2 million m<sup>3</sup> in 2001. ITTO producer countries provide approximately 15% of world exports. Malaysia is by far the largest ITTO tropical fibreboard exporter, having steadily increased its exports in the past 5 years from 590 000 m<sup>3</sup> in 1997 to over 1 million m<sup>3</sup> in 2001. As mentioned in the production section, Malaysia produces and exports solely MDF.

Thailand is ITTO's second largest tropical fibreboard exporter. Like Malaysia, Thailand has continuously increased its fibreboard exports over the past 5 years. In 2000, Thai exports increased by 54.1% to 433 000 m<sup>3</sup>, rising a further 19.2% to 516 000 m<sup>3</sup> in 2001. Thai fibreboard exports in 2001 were composed of 20% hardboard, 75% MDF and 5% insulating board.

Indonesia is ITTO's third largest tropical fibreboard exporter but its recent growth has been slower than in Malaysia and Thailand. Indonesia increased exports by 3.5% to 277 000 m<sup>3</sup> in 2000 and by 2.8% to 285 000 m<sup>3</sup> in 2001. Indonesia's fibreboard export composition in 2001 was 46% hardboard, 52% MDF and 2% insulating board. Brazil is also a major ITTO tropical fibreboard exporter, with 214 000 m<sup>3</sup> sold abroad in 2001.

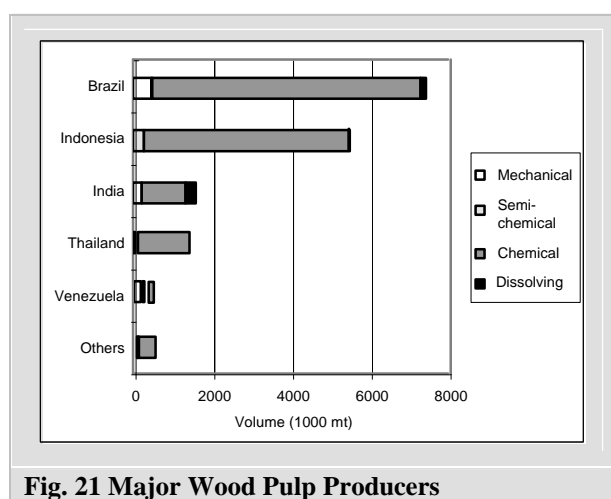
### Wood Pulp and Paper Products

The development of capital intensive pulp and paper industries in the tropics has surged in the last decade, with Indonesia, Brazil and Thailand leading the way. This section examines trends in the production and trade of wood pulp

(mechanical, semi-chemical, chemical and dissolving) and paper (newsprint, printing and writing, and other paper and paperboard) by ITTO producer countries. The analysis is based on the data in Appendix 1-3.

### Production

Figures 21 and 22 show the major ITTO tropical producers of wood pulp and paper in 2001. ITTO producers' output of wood pulp was 14.8 million metric tons in 2000, growing 13% to 16.8 million tons in 2001 when it reached 10% of the world total for the first time. As shown in Figure 21, the vast majority of wood pulp production in most producer countries is chemical pulp, accounting for almost 90% of the 2001 ITTO producer total. Appendix 1-3 shows that almost all of this is sulphate pulp, the majority (80%) of which is bleached.



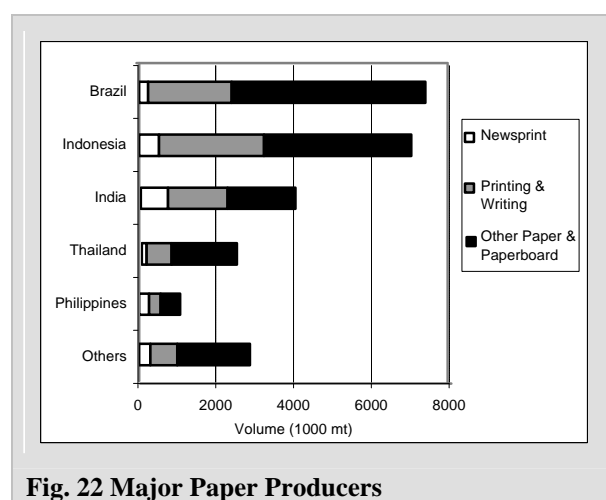
**Fig. 21 Major Wood Pulp Producers**

Brazil is ITTO's top tropical pulp producer, at over 7.4 million tons in 2001, almost level with 2000. Brazil's pulp production, based largely on pine and eucalyptus plantations, had grown almost 16% in the 5 years to 2001. In Indonesia (the second largest tropical pulp producer), recent growth has been much faster, with pulp output surging by 85% since 1997. Indonesia's pulp industry is based on fast-growing plantations as well as natural forest timber and pulp imports. India and Thailand are the only other ITTO producers with significant wood pulp production, at 1.6 million m<sup>3</sup> and 1.4 million m<sup>3</sup> respectively in 2001.

Production of paper in ITTO producer countries totalled 23.3 million tons in 2000, growing 5% to 24.7 million tons in 2001. Producer country paper production grew 25% in the 5 years to 2001,

when it accounted for less than 8% of the world total.

The major tropical paper producers are the same as for pulp, as shown in Figure 22. The major category of paper produced in most tropical countries is other paper and paperboard, which comprised almost 60% of the 2001 ITTO producer total (printing and writing paper accounted for 32% and newsprint for 8%). Other paper and paperboard comprises household and sanitary paper, wrapping and packaging paper/paperboard and others. Of these, wrapping and packaging paper/paperboard is by far the most important for ITTO producers, accounting for almost half of all production.



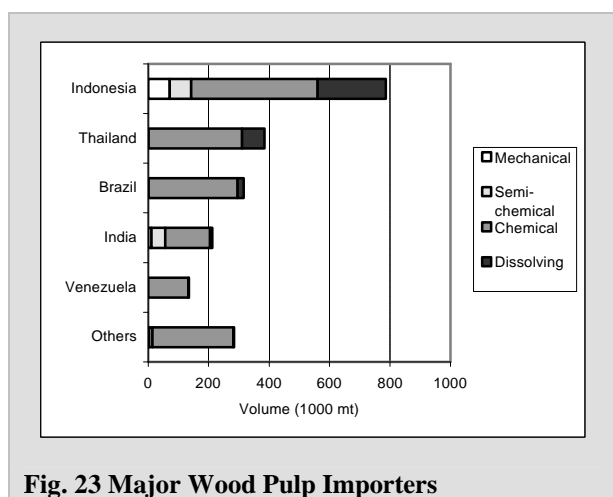
**Fig. 22 Major Paper Producers**

Brazil's production of paper grew 13.6% to 7.4 million tons in 2001 after remaining relatively static from 1997-2000 at about 6.5 million tons. Indonesian production surged 46% from 1997-99, when it reached 7 million tons, a level maintained through 2001. India and Thailand also had stable production from 1999-2001, at just under 4 million tons and almost 2.5 million tons, respectively. The Philippines was at and Malaysia and Colombia were approaching the 1 million ton production level in 2001. The Malaysian government is promoting the paper industry with the objective to attain self-sufficiency by 2005, with local production currently meeting just about half of the country's needs.

### Imports

Figure 23 shows the major ITTO producer country importers of wood pulp. All of the countries are also major pulp producers, and like production, the bulk of all imports (more than

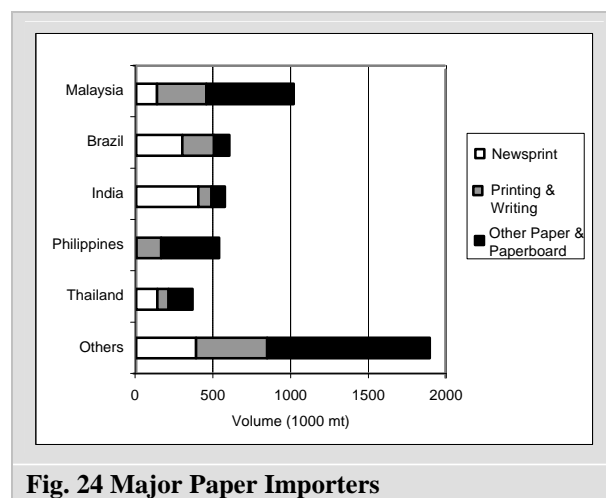
three-quarters of the producer total of 2.1 million tons in 2001) is chemical pulp, mostly sulphate bleached. Aggregate producer imports of wood pulp declined almost 13% from 1997-2001, as most countries sought (like Malaysia) to increase self-sufficiency. Only Brazil among the major countries increased imports, with its 2001 total of 316 000 tons 14% above 1997 imports. Indonesia, by far the largest ITTO producer wood pulp importer, required close to a million tons per year from external sources between 1997-2000, but imports dropped to 787 000 tons in 2001. Indonesia's plantation program has not kept pace with the capacity of its pulp mills, thus necessitating substantial imports. Thailand's imports have been relatively stable at just under 400 000 tons, while India's dropped from almost 300 000 tons to just over 200 000 tons between 1997 and 2001.



**Fig. 23 Major Wood Pulp Importers**

Figure 24 shows the major ITTO producer importers of paper and paperboard. Except for Malaysia replacing Indonesia, all of the other countries also appear in the chart for major producers. Aggregate producer imports of paper were almost 5 million tons in 2001, down 4.4% from a year earlier and continuing a relatively steady decline since 1997. Malaysia is the major producer importer at just over a million tons in 2001, level with 2000 but down by a quarter from 1999 imports. Malaysia's imports will likely continue declining due to the self-sufficiency objective noted previously. Brazil's and India's imports have also been declining, with the drop in Brazil more rapid. Brazil's imports fell almost in half between 1997 and 2001 when they were just under 600 000 tons. India's imports have fallen more gradually, from almost 700 000 tons to just under 600 000 tons over the same period. Unlike the other countries in the chart, the Philippines'

imports rose gradually over the 1997-2001 period to reach 533 000 tons. Thailand's imports have been relatively stable under 400 000 tons during the same period, with the exception of a sharp drop during the 1998 crisis.



**Fig. 24 Major Paper Importers**

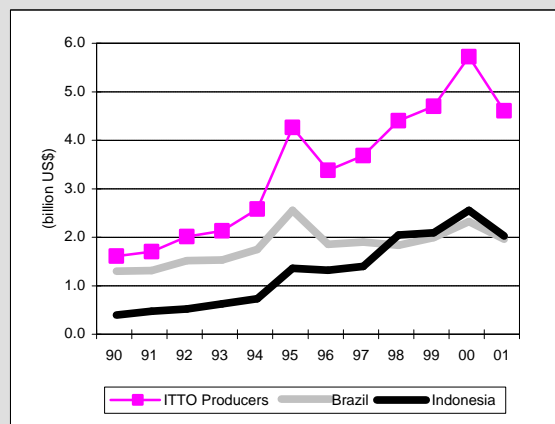
The make-up of paper imports is more varied than is the case for production, as shown by the categories of imports for major importers in Figure 24, although the other paper and paperboard category is still largest, at 46% of total 2001 producer country imports (again, mostly wrapping and packaging paper/paperboard). Newsprint accounted for 28% and printing and writing papers 26% of total producer imports.

The size of the bar for 'Others' in Figure 24 indicates that most ITTO producers are highly dependent on imports of paper and paperboard. In fact, this is the only major forest product for which ITTO producer countries are, as a whole, net importers, with imports exceeding exports by 14% by weight and by over 50% or \$1.2 billion by value. The value gap was more than double this in 1997, however, indicating the import substitution and export growth underway in several key countries.

### Exports

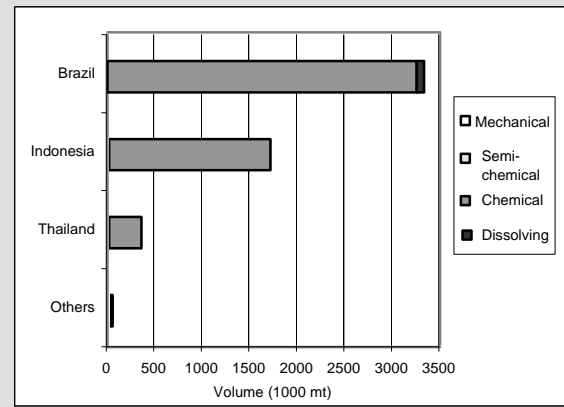
Figure 25 shows the increasing trends in export earnings for pulp and paper in ITTO producing countries since 1990. Pulp and paper exports from ITTO producers have risen by 293% over this period, led by increases in exports from Indonesia (1 117%) and Brazil (94%). Figure 25 shows separate lines for these two countries to indicate the extent to which the rapid growth in tropical pulp and paper exports has been led by them. Indonesia's pulp and paper exports have

led ITTO producer exports upward in the last decade and now account for about 45% of total producer pulp and paper exports. Indonesia overtook Brazil in 1998 as the largest ITTO producer exporter of these products. In Brazil (ITTO's second largest producer exporter with about 35% of total exports), pulp and paper exports grew steadily until 1995 before decreasing sharply as production was diverted to meet the growing needs of its huge domestic market. Exports recovered in 1999-2000 due to a devaluation of the real. Exports by all producers declined in value terms in 2001 (despite increases in quantity in many cases) as prices fell due to the slowing global economy.



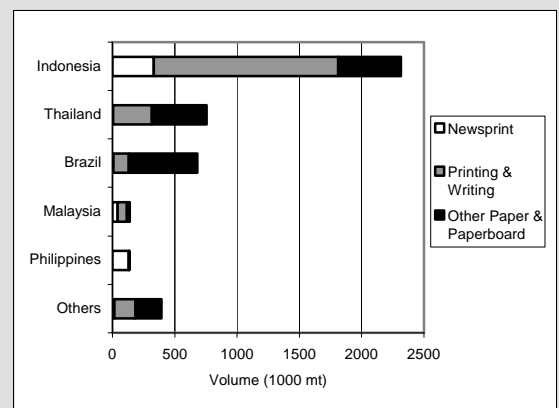
**Fig. 25 Export of Pulp and Paper by ITTO Producers 1990-2001**

Figure 26 shows the main ITTO producer exporters of wood pulp in 2001. There are only 3 significant pulp exporters (Brazil, Indonesia and Thailand), all of whom exported only or primarily sulphate bleached chemical pulp. Wood pulp exports by ITTO producers totalled 5.4 million tons in 2001, led by Brazil where exports grew over 10% to 3.3 million tons. Indonesia's pulp exports also jumped in 2001, by 25% to 1.7 million tons but the value of pulp exports fell 22% from the year before, indicating the difficult market conditions in 2001. Thailand's exports have grown the fastest of the big three, more than tripling to 341 000 m<sup>3</sup> in the five years to 2001. Both Thailand and Brazil experienced 20-25% drops in the value of their pulp exports in 2001 despite the increases in quantity. Total ITTO producer pulp exports accounted for almost 15% of global trade in 2001.



**Fig. 26 Major Wood Pulp Exporters**

Figure 27 shows the major ITTO producer paper exporters in 2001. Indonesia is by far the largest ITTO producer paper exporter, despite a 15% drop to 2.3 million tons in 2001. Indonesia's exports almost tripled from 1997 to 1999 when they approached 3 million tons, but have since fallen. Values have dropped more sharply than quantities, slumping 23% in 2001. Most of Indonesia's exports (65% in 2001) are printing and writing paper, with the bulk of the remainder wrapping and packaging paper/paperboard (17%) and newsprint (13%). Thailand and Brazil exported 756 000 tons and 680 000 tons of paper respectively in 2001, with the main categories for both wrapping and packaging paper/paperboard and printing and writing paper. Malaysia and the Philippines are smaller but growing exporters, both at just under 140 000 tons in 2001. ITTO producers accounted for less than 5% of global paper exports in 2001.



**Fig. 27 Major Paper Exporters**



## SECONDARY PROCESSED WOOD PRODUCTS

The importance of secondary processed wood products (SPWP) to ITTO members is indicated by their inclusion in both the ITTA's objective of promoting further processing of tropical timbers and Goal 1 of the ITTO Yokohama Action Plan providing for the Organization to undertake "regular assessments ... on secondary products". The SPWP trade data presented here was extracted from the UN Commodity Trade Statistics (COMTRADE) database, which contains time series of trade statistics to 2001 for developed and some developing countries. This chapter is based on these trade value data for the 1997-2001 period, which are summarized as Tables 5-1 to 5-8 in Appendix 5, as well as any information on further processing provided by members in their responses to the 2002 Joint Forest Sector Questionnaire.

All trade data for China in these Tables includes aggregate figures from mainland China, Hong Kong S.A.R. and Macao S.A.R., with a breakdown provided in Table 7 (page 35). Producer totals may be under-estimates due to non-reporting or partial reporting to COMTRADE by some countries, especially for 2001. Table 5 shows the ITTO member countries that had provided no or partial trade data to COMTRADE as of late 2002 for the 1997-2001 period. Several ITTO African countries do not provide any data to COMTRADE and only two African member countries provided data for 2001. Table 5 also shows that Cambodia, Myanmar and Vanuatu in Asia-Pacific and Guyana in Latin America had not reported any data to COMTRADE for this period by the end of 2002. Mirror statistics from partner countries and/or JQ responses (where available) were used to

supplement missing information and to generate aggregate totals in Tables 5-1 to 5-8 of Appendix 5.

Some apparent anomalies arise in the COMTRADE data due to partial or non-reporting by countries and errors in reporting. For example, the value of ITTO consumer imports from producer countries in Table 5-1 exceeded the value of producer exports to consumer countries in Table 5-7 by 49% in 1998, a difference too large to be accounted for only by insurance and freight charges. This difference shrank to 23% in 1999 and 18% in 2000, which are more reasonable considering the usual cost, insurance and freight (CIF) basis of import reports. Figures in Tables 5-1 to 5-8 in Appendix 5 have been ranked by 2000 trade figures, the reference year in this analysis, since 2001 figures were still preliminary in many cases at the time of downloading the data from COMTRADE in late 2002.

### SPWP Trade

Table 6 shows the SPWP categories considered in the analysis and their corresponding trade nomenclature in the Standard International Trade Classification, Revision 3 (SITC, Rev.3) and in the 1996 version of the Harmonized Commodity Description and Coding System of the Customs Cooperation Council (Harmonized System or HS96). The primary categories of tropical SPWP in trade are wooden furniture (the major category, accounting on average for two-thirds of trade values); builder's woodwork (joinery and other builder's wood); other SPWP (grouped in the categories shown in Table 6 and including table/kitchenware, ornaments, picture frames,

**Table 5. ITTO Members with COMTRADE Data Gaps, 1997-2001**

All years (97-01)	1997	1998	1999	2000	2001
Cambodia CAR Congo, Dem. Rep. of Congo, Rep. of Guyana Liberia Myanmar Vanuatu	Col. 1 + Fiji PNG	Col. 1 + Fiji Gabon	Col. 1 + Fiji PNG	Col. 1	Col. 1 + Côte d'Ivoire Gabon Ghana India Nepal PNG Portugal Suriname

**Table 6. SPWP Categories and International Trade Nomenclature Classification**

SPWP Category	Description	Classification	
		SITC Rev.3	HS96
Wooden furniture and parts	Seats, n.e.s, with wooden frames	821.16	9401.61, 9401.69
	Furniture, n.e.s., of wood	821.5	9403.30/40/50/60
Builders' woodwork	Builders' joinery and carpentry	635.3	4418
Other SPWP	Packaging, cable drums, pallets, etc.	635.1	4415
	Coopers' products and parts	635.2	4416.00
	Wood products for domestic/ decorative use, excluding furniture	635.4	4414.00, 4419.00, 4420
	Other manufactured wood products	635.9	4417.00, 4421
Mouldings	Continuously shaped or profiled wood (e.g. mouldings, unassembled strips and friezes for parquet flooring, beaded wood, dowels, etc.)	248.3	4409
		248.5	
Cane and bamboo furniture and parts	Seats of cane, bamboo, etc.	821.13	9401.50
	Furniture of other material like bamboo	821.79	9403.80

Note: The category 'mouldings' is included in the analysis of SPWP for the first time this year.

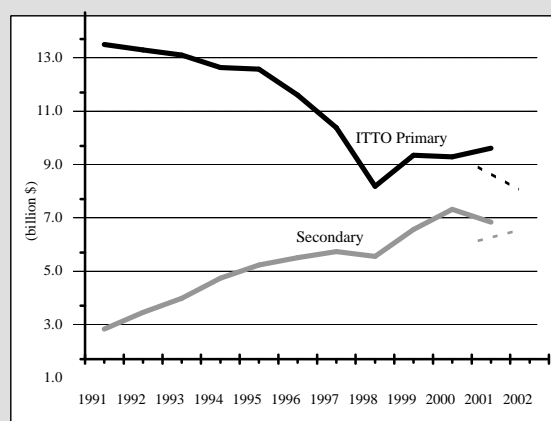
packaging, pallets, casks, barrels, tools, handles, brooms, shoe lasts, etc.); and mouldings (continuously shaped or profiled wood).

Since furniture and parts of cane and bamboo have become important non-wood tropical forest products exports for many ITTO member countries, these products are also included in this analysis. Note that the inclusion of mouldings in the SPWP aggregate totals for the first time this year means that these totals should not be compared to those provided in previous Reviews.

### Major Importers

Table 5-1 (Appendix 5) shows the top ten importers of SPWP from all sources together with the proportion accounted for by ITTO producers and consumers for 1997 to 2001. All ten of the world's major SPWP importers are ITTO consumer members and together account for 84% of total consumer imports. ITTO producers accounted for 16% (\$6.6 billion) of total SPWP imports by consumers in 2000, up from 15% in 1999. Figure 28 shows that the value of SPWP imports from ITTO producers was 77% of the total value of the four ITTO primary tropical timber product imports by ITTO consumers in 2000, up from 17% in 1991. This proportion decreased in 2001 to 69% as imports of primary tropical timber products recovered in several countries and continued to surge in China, while trade in SPWP suffered its first major downturn. Figure 28 shows that the share of SPWP in total tropical imports is expected to have resumed its

upward trend in 2002, rising to an estimated 81% of primary imports based on preliminary data. ITTO consumer imports of SPWP from ITTO producer countries grew by about 32% between 1997 and 2000, faster than the 28% growth in imports from all sources. ITTO consumer imports of SPWP from other ITTO consumer countries have been gradually growing since 1996 to 66% of their total import value in 2000, worth \$26.9 billion.



**Fig. 28 ITTO Consumer Imports of Primary and Secondary Tropical Timber Products**

The top ten ITTO importers accounted for nearly 86% of ITTO consumer imports of SPWP from ITTO producers in 2000, a proportion that has been almost constant through the last decade. The United States is by far the world's largest importer of SPWP and the largest importer from ITTO producer countries. These countries

accounted for 19% of its huge \$14.3 billion import market for SPWP in 2000, a proportion that has remained stable since 1998 but down from over 20% in the mid-1990's. US imports of SPWP have increased almost four-fold in the last decade with more rapid increases in the last five years. The US market has been the engine driving international SPWP trade (mainly of furniture) during this period, but growth slowed in 2001 with the economy and is expected to be modest (under 2.5%) in 2002 and 2003. Continued growth in US SPWP imports has been propelled by a strong housing market in an otherwise sluggish economy. USA imports come predominantly from other ITTO consumers (68% in 2000), whose share of the US market is growing continuously. Imports came mainly from Canada, China and the EU (notably Italy) in 2000. USA imports from ITTO consumer countries almost doubled in value from 1997 to 2001, while imports from producer countries grew more slowly, rising by 60%.

The EU region's aggregate imports of SPWP still exceed those of the USA, although EU import growth has been slower. The fifteen member states in 2000 imported \$17.8 billion of these products, led by Germany, the UK, France, Belgium-Luxembourg and the Netherlands, which together accounted for 73% of total EU imports (Luxembourg's imports made up only 4% of the Belgium-Luxembourg total in 2000; Belgium and Luxembourg are reported separately by COMTRADE from 1999 and will be considered separately in this chapter from next year). Although EU imports of SPWP have not expanded as fast as those of the USA and have stalled since 1998, growth in the 1990s (when imports increased by almost 50%) contributed significantly to global trade expansion in these products. EU imports came mainly from other EU countries, Poland, Indonesia, China, Brazil and Malaysia in 2000.

Table 5-1 shows that the EU countries continue to import a relatively small proportion (13% in 2000) of their SPWP from ITTO producer countries. Despite this small market share, imports from ITTO producers in 2000 reached almost \$2.3 billion, only 14% less than US imports from ITTO producers and more than double the value of Japanese SPWP imports from these countries.

In Germany, the largest EU SPWP importer (\$4.6 billion in 2000), only 8% of the market has been captured by ITTO producers and 47% by

ITTO consumers. Germany (along with several other EU members) imports substantial quantities of SPWP from Eastern European countries (notably Poland), which accounts for the lower contribution of SPWP imports from ITTO consumers.

Japan is the world's third largest importer of SPWP, after the US and Germany. ITTO producers hold a larger share of the Japanese market than they do for any other major market, with 35% of Japan's \$3 billion market for these products provided by these countries in 2000. Most Japanese SPWP imports came from China (22%), Thailand (18%), Indonesia (15%) and Malaysia (13%) in 2000. The market share of ITTO producers declined to 33% of Japan's \$3 billion SPWP imports in 2001 due to a gain in market share by China and other ITTO consumers. Table 5-1 shows that China, Switzerland and Canada (which overtook Austria in 2001) are other major SPWP importers.

Transportation costs, tariff levels and regional marketing relationships play a role in the differences in market share held by ITTO producers in the major markets for SPWP, but there is clearly a substantial opportunity for all producing countries to increase their market share, particularly in the huge European market for these products.

The breakdown of SPWP imports by major product categories is presented in Table 5-2. Almost two-thirds of SPWP imports by ITTO consumers and by the EU, the leading import region, are wooden furniture. Other SPWP (packaging/pallets, casks, kitchenware, etc., 17%) and builder's woodwork (14%) are far behind as the second and third most valuable types of SPWP imports. Almost 59% of EU wooden furniture imports came from other EU countries in 2000. France and Switzerland had the greatest proportion of wooden furniture in their SPWP imports at around 69% in 2000. The USA is the world's largest single importer of wooden furniture (and all other SPWP categories), with \$8.9 billion worth entering the country in 2000. The USA imported most of its wooden furniture from Canada (25%), China (24%) and Italy (13%) in 2000.

Table 5-3 in Appendix 5 shows the top ITTO producer importers of SPWP ranked by 2000 values. The top eleven countries accounted for 93% of total ITTO producer imports of SPWP in 2000, up from 90% in 1998-1999. While still tiny

compared to the major importers shown in Table 5-1, SPWP imports by several ITTO producers are becoming relatively significant despite generally high tariff levels on these products. The proportion of producer imports coming from other producers has risen rapidly since 1999 while the value of imports from ITTO consumers has stayed relatively stable. Malaysia (20% of the 2000 producer total), Venezuela and Philippines (16% each) are the three largest ITTO producer importers of SPWP. Malaysia's 45% surge in SPWP imports in 2000 to almost \$66 million, combined with a sharp contraction of imports by Venezuela, made it the largest ITTO producer SPWP importer. Most of Malaysia's SPWP imports came from China, Indonesia and Japan. Imports of ITTO producers are slowly growing in aggregate but show mixed trends on an individual country basis. For example, SPWP imports increased by 115% in Panama, 62% in Venezuela, 29% in the Philippines and 8% in Malaysia while they declined by 60% in Brazil, 32% in Thailand and 31% in Peru for an aggregate growth of less than 1% for all ITTO producers between 1997 and 2000.

Venezuela's SPWP imports recovered by 35% in 2001 to almost \$72 million to re-establish it as the largest ITTO producer importer. Venezuela's SPWP imports came mostly from USA, Italy, China and Colombia. Philippines' SPWP imports came mainly from Malaysia and USA in 2000. Thai imports contracted sharply during the Asian crisis in 1998, but have since rebounded to near pre-crisis levels. Since India did not report trade statistics to COMTRADE for 2001 (see Table 5), the database was searched for instances where it appeared as a partner with countries that reported exports of these products to it. This may result in underestimates of trade if India had substantial SPWP trade with other non-reporters.

Table 5-4 presents a breakdown of the categories of SPWP imported by major ITTO producer importers. ITTO producers imported \$173 million worth of wooden furniture in 2000, the main category at 52% of all SPWP imports. 61% of producers' wooden furniture imports were from ITTO consumer countries, down from 66% in 1999. In contrast to other ITTO producer importers, Malaysia imports similar amounts of furniture (28%), other SPWP (packaging, pallets, casks, etc., 25%) and mouldings (25%). It is also the largest ITTO producer importer of builder's woodwork, other SPWP and mouldings. Venezuela is the largest ITTO producer importer of wooden furniture. Panama has the greatest

proportion of wooden furniture in its SPWP imports at 78% in 2000, while Peru is the only ITTO producer importer that has a greater proportion of imports of other SPWP, such as packaging/pallets, casks, panels and other manufactured products, than of wooden furniture.

### **Major Exporters**

Table 5-5 shows the top exporters of SPWP ranked by value in 2000. Due to the fast growth of their SPWP export industries, Indonesia and Malaysia have overtaken other major SPWP exporters and are placed on the list of the world's major exporters for the first time.

With SPWP exports of \$6 billion, Italy is by far the world's largest exporter of SPWP, accounting for almost one-fifth of ITTO consumer SPWP exports. Around 80% of Italian exports are absorbed by other ITTO consumer countries, predominantly fellow EU members (led by Germany, France and UK) and USA. Italy's exports comprised about one-third of the \$19.5 billion of EU SPWP exports in 2000. The EU accounts for two-thirds of ITTO consumer country exports of SPWP, which totalled over \$31.4 billion in 2000.

China and Canada, the world's second and third largest SPWP exporters, continued experiencing rapid growth in SPWP exports. China's exports grew by 56% while Canada's grew by 52% between 1997 and 2001. China (including Hong Kong and Macao S.A.R.s) overtook Germany as the world's third largest exporter and Canada as the world's second largest exporter in the mid-1990s. The strong upward trend of growth in China has been evident since 1990 and is expected to continue, as many companies from USA, Taiwan Province of China, Singapore and other traditional Asian producers continue to establish furniture and other SPWP joint ventures in southern China because of the low wages and a policy towards encouraging downstream timber processing. SPWP manufacturers based in China have been successful in penetrating high-value markets such as Japan, and, particularly, the USA with their furniture (see Box).

Table 7 shows the breakdown of Chinese imports and exports based on data available in COMTRADE. The table shows that three-quarters of China's exports of SPWP in 2000 originated from mainland China, while 93% of China's imports flowed to or through Hong Kong. The Chinese at almost \$4.5 billion are by far the top exporters of SPWP in the developing world.

Taiwan Province of China, with exports worth around \$1 billion, is also a significant SPWP exporter.

Canada's upward export trend, nearly as strong as China's, has been largely due to increased exports to the booming USA market which absorbs virtually all Canadian SPWP exports.

Indonesia and Malaysia are the only ITTO producer countries among the world's top exporters of SPWP. Indonesian SPWP exports almost halved during the Asian financial crisis in 1998 but recovered by 167% in 2000 to over \$2.2 billion to overtake Poland as the world's fifth largest SPWP exporter. Indonesia shipped nearly three-quarters of its SPWP to the EU, USA and Japan in 2000. Indonesian SPWP exports contracted in 2001 to just over \$2 billion. Comparatively less affected during the Asian financial crisis, Malaysia's SPWP exports grew by 14% between 1997-2000 to overtake the USA as the world's eighth largest SPWP exporter. Most of Malaysia's SPWP exports went to the EU, USA and Japan. Malaysian SPWP exports shrank by 15% in 2001. Indonesian and Malaysian SPWP export declines in 2001 were due mainly to fierce competition from China in the slowing US market.

The breakdown of SPWP exports by major exporters in 2000 is illustrated in Table 5-6. Around two-thirds of ITTO consumers' SPWP exports consisted of wooden furniture, mostly shipped to other ITTO consumers. Builder's woodwork (15%) and other SPWP (15%) are far behind as the second and third most important SPWP export categories. Italy is the world's largest exporter of wooden furniture, at over

\$4.9 billion in 2000, and also leads the world in exports of cane and bamboo furniture. Upholstered furniture and chairs constitute the main type of wooden furniture exported by Italy. Canada is the world's largest exporter of builder's woodwork and mouldings while China leads the exports of other SPWP such as packaging/pallets, casks, barrels and other manufactured products.

Cane and bamboo furniture exports from ITTO consumers were \$972 million in 2000, compared to only \$454 million in total exports of these products by all producer countries. China is the only consumer country with substantial production and exports of cane and bamboo furniture based on domestic raw materials. Removing China's exports from the ITTO consumer total still leaves \$670 million of consumer country exports based largely on imported raw materials, illustrating a potential market opportunity for producer countries.

Table 5-7 shows the top ITTO producer exporters of SPWP ranked by value of 2000 exports. The value of SPWP exports by ITTO producers has grown more than three-fold in the last decade to just under \$6.5 billion in 2000. This upward trend has been reflected in an increased share in the global market by ITTO producers at the expense of ITTO consumers. Indonesia, Malaysia, Thailand, Brazil and the Philippines are the major ITTO producer member exporters of SPWP. The top five ITTO producer exporters accounted for almost 96% of the total ITTO producers' SPWP exports. ITTO producer country exports grew by 37% from 1997-2000 due to increases in exports from all five major producer exporters, in response to increased demand for SPWP in the USA and (to a lesser

**Table 7. Chinese imports and exports of SPWP in 2000 [1000 US\$; (% share)]**

		Imports		Exports	
<b>China</b>	<b>World</b>	<b>84,514</b>		<b>3,317,048</b>	
	ITTO Prod.	26,770	(32)	29,951	(1)
	ITTO Cons.	44,460	(53)	3,110,234	(94)
<b>Hong Kong S.A.R.</b>	<b>World</b>	<b>1,314,710</b>		<b>1,155,916</b>	
	ITTO Prod.	42,788	(3)	12,318	(1)
	ITTO Cons.	1,253,203	(95)	1,089,791	(94)
<b>Macao S.A.R.</b>	<b>World</b>	<b>7,683</b>		<b>1,092</b>	
	ITTO Prod.	675	(9)	10	(1)
	ITTO Cons.	6,860	(89)	1,009	(92)
<b>Total</b>	<b>World</b>	<b>1,406,907</b>		<b>4,474,055</b>	
	ITTO Prod.	70,233	(5)	42,278	(1)
	ITTO Cons.	1,304,523	(93)	4,201,034	(94)

Note: Exports from Hong Kong and Macao S.A.R.s include re-exports as per COMTRADE definition; reported Chinese exports to both are minor.

## CHINA'S BOOMING FURNITURE INDUSTRY

The value of China's furniture industry production (including non-wooden furniture) in 1978 was just \$157 million but by 2000 it had reached \$12.7 billion. By 2001 the output value had risen to over \$16.9 billion representing an average annual growth rate of 23% since 1978. During the same period the number of furniture enterprises grew to more than 50 000 (predominantly small and medium sized) with a total of nearly 5 million employees throughout China. The rapid development of the furniture industry in China has been due largely to foreign investment (mainly from USA, Taiwan Province of China (POC) and other Asian countries) attracted by the opportunities for highly cost-effective production of furniture for export and increased domestic demand accompanying the rapid economic growth in the country. With China's entry to the World Trade Organization (WTO) in 2002, foreign investment in the furniture industry is expected to maintain its rapid growth.

The upward trend in furniture production has been driven by strong growth in both furniture exports and domestic consumption. From 1995 to 2001, the total value of furniture exports rose at an average annual growth rate of 24% from \$1.1 billion to \$3.96 billion. Wooden furniture exports grew at a slightly slower average rate of 17% per year, from \$932 million to \$2.4 billion in the same period. China's furniture is exported mainly to the United States (around 50% of exports), Japan and Taiwan POC, with substantial re-exports through Hong Kong S.A.R. Markets are gradually being developed in other countries around the world.

China's furniture industry is mainly concentrated in the southern province of Guangdong, located on the Pearl River delta, and the northeast provinces of Beijing, Heilongjiang and Liaoning. The development of the furniture export industry has taken place mainly in the southern coastal area of China, due to its proximity to large consumer markets and good trade infrastructure. Guangdong, a Special Economic Zone, accounts for more than half of China's furniture exports and has jumped from being the leader in China to become the largest furniture production and export base in the Asia-Pacific region. With total furniture exports estimated at \$1.25 billion in 2001, Guangdong looks set to eclipse former regional leaders Malaysia (\$1.3 billion) and Indonesia (\$1.1 billion). Wooden furniture exports are also flourishing in other areas of China. In Hainan Province, an island in southeastern China, rubberwood is grown in 330 000 ha of plantations and is being increasingly used for furniture manufactured for export, earning considerable foreign exchange for the province (around \$27.6 million in 2001). Hainan's rubberwood furniture exports go mainly to the EU, the USA and Japan.

Despite the boom in exports, domestic demand is the engine driving growth in China's furniture industry. Together with higher disposable income and improved living standards, one of the key factors in this growth is housing reform which seeks to gradually scrap the systems of state- and workplace-distributed housing in favour of individual ownership with easier access to housing loans. Chinese have only recently been allowed to own their homes, ending a 50-year prohibition on private ownership. The domestic consumption of furniture has grown accordingly, almost doubling from \$5.8 billion in 1995 to \$9.2 billion in 2000, now equivalent to about three-quarters of China's total furniture output. This rapid growth in consumption has created unparalleled opportunities for China's furniture industry. Shanghai, for instance, has more than 2500 high-rise buildings recently completed or under construction. Furniture demand in Shanghai's urban area amounted to \$1.2 billion in 2000, up 20% from 1999. By the end of 2001, the per capita housing area for China's urban residents had jumped to 21 m<sup>2</sup> from 12 m<sup>2</sup> in 1989, approaching the level of moderate-income families in some developed countries. With expanded living space and improved housing quality, China's urban residents are spending more on home interior decoration and improvement.

Other factors affecting the medium-term consumption of furniture are large-scale infrastructure projects such as the construction of the Three Gorges dam in Hubei Province and the building of stadiums, gymnasiums, halls, hotels and other facilities for the 2008 Olympic Games. The building of the Three Gorges dam, to divert the water of the Yangtze River from south to north, will require the flooding of thousands of villages and hundreds of towns and cities by 2009 and the resettlement of over one million people, with associated increases in construction activity and demand for furniture.

China's National Furniture Association considers that the value of China's furniture production can reach about \$20.6 billion by 2005 and \$36.3 billion or so by 2015 at an average annual growth rate of 5%-6%. The Association also forecasts a stable growth in exports, which may reach \$6 billion by 2005 and exceed \$10 billion by 2015, accounting for an estimated 20% of world trade. These figures correspond to 52% and 153% increases compared with 2001 export levels. To achieve these ambitious goals, the Association stresses the need to increase the proportion of high-value furniture in exports, as opposed to the current focus on low- and medium-priced furniture.

With China's accession to the WTO, import tariffs on furniture are scheduled to fall from the current average of 11% to between 4 and 7.5% by 2005. As a result of this, imports of furniture are expected to gradually rise from the current level of about 1% of domestic sales. Foreign and local companies will compete fiercely for the domestic market, which will likely bring about structural changes in the furniture industry including further specialization as well as the disappearance of less efficient enterprises.

Sources: ITTO MIS (2002) and others listed in References.

degree) Europe. The increased focus on SPWP production and exports in many tropical countries also played a role. ITTO producers' SPWP exports declined by 10% in 2001 to \$5.8 billion due to increased competition and slowing markets, although this figure is still preliminary.

To put ITTO producer exports into a global perspective, the combined value of SPWP exports from all ITTO producer countries was roughly equivalent to Italy's exports of SPWP to global markets in 2000 and 2001. While this indicates the potential for further growth in SPWP exports from producer countries, the comparison has changed significantly since the mid-1990s when Italy's shipments of SPWP to the world were almost 50% higher than the total for all ITTO producers. Growth in SPWP exports by producer countries has been impressive, but their contribution to total SPWP imports by ITTO consumers is still low. Although developing countries enjoy some degree of tariff relief under the Generalized System of Preferences (GSP) or other schemes for SPWP in many of the major markets, these benefits have been eroded (relative to the trade terms offered to non-GSP countries) by general tariff reductions in many countries through successive rounds of multilateral and bilateral trade negotiations. Tariffs in many countries remain high, however, compared to those for primary products like logs and sawnwood. The EU, Japan and the USA apply no import tariffs on SPWP from GSP countries, while rates for most other countries range from 2 to 6% on the major product categories. The USA, Canada, the EU and Japan have proposed eliminating tariffs on wooden furniture completely by 2005, which, if implemented, will further boost SPWP exports from ITTO producer countries. In contrast, some developing countries retain high import tariffs on SPWP, partially accounting for the relatively low import levels shown for producer countries in Appendix 5.

Table 5-7 shows that Asia-Pacific is by far the dominant exporting region in the tropics (83% of all ITTO producers' SPWP exports in 2000), with Latin America (primarily Brazil) a distant second (16%). Although still minimal, value-added processing in the African region has been growing, surging 61% between 1997-2000. The relatively low level of SPWP exports from Africa has been due largely to a lack of capital and infrastructure. Nevertheless, many African governments such as Cameroon, Côte d'Ivoire, Gabon and Ghana are making the development of secondary processing a priority. Côte d'Ivoire

and Ghana made up the bulk of SPWP exports from Africa in 2000, accounting for around 80% of the region's total. The breakdown of SPWP exports between the main tropical regions is unlikely to change significantly in the medium-term, however, as countries in all three regions continue to express their desire to further expand downstream processing capacity.

Table 5-8 provides a breakdown of the categories of SPWP for the major ITTO producer exporters showing that the main types of SPWP produced and exported vary significantly from country to country. Compared to other countries, Indonesia, the largest SPWP producer exporter in 2000, shows a more balanced portfolio of export products. The major categories of Indonesia's exports were wooden furniture (35%), builder's woodwork (29%), other SPWP (e.g. packaging/pallets, casks, barrels and other manufactured products, 13%), and cane and bamboo furniture (13%). Indonesia is the largest ITTO producer exporter of builder's woodwork and other SPWP. Malaysia's SPWP exports are predominantly wooden furniture, making it by far the largest supplier of furniture among ITTO producers. About 70% of Malaysian furniture is manufactured from rubberwood. Malaysia is also the largest ITTO producer exporter of mouldings.

Thailand has also linked the development of its furniture industry to its rubberwood resources, with all new sawmill licenses now contingent on use of this material. The ban on logging in Thailand's native forests imposed in 1991 has increased its dependence on imports as well as on former rubber plantations for wood supplies. Thai exports of SPWP, which contracted in 1997-98, recovered by 24% in 1999 and by a further 17% in 2000 due to a boost in the exports of wooden furniture and parts.

Thai and Malaysian SPWP exports go mainly to the markets of USA, Japan and Europe. Both Thailand and Malaysia have been successful in penetrating high value markets, particularly in Japan, with their rubberwood furniture. Regulations in both countries favour further processing, restricting exports of raw rubberwood, although the restrictions have been relaxed in Malaysia due to imbalances in domestic supply and demand. The rapid growth of Chinese furniture exports (see Box) is a concern to many producer country exporters. China replaced Thailand as Japan's largest furniture supplier in 2000, and has become the world's second largest exporter overall.

Brazil's exports of SPWP grew almost four-fold from 1990 to 1995 before stabilizing at around \$510 million until 1998. Export growth has since continued, surging by 45% to over \$788 million in 2000 and by a further 2% to \$807 million in 2001. The major categories of Brazilian and Latin American SPWP exports in 2000 were wooden furniture (51%) and builder's woodwork (21%), some of which in Brazil is manufactured from non-tropical timber. Brazil's SPWP exports go mainly to the major markets of Europe and the USA as well as Argentina. Other tropical Latin American SPWP exporters are minor compared to Brazil.

Table 5-8 shows that the major category of Africa's minimal SPWP exports in 2000 was mouldings (67%). This is in contrast to other tropical regions where this is one of the smallest components of SPWP trade and may indicate a possible market niche for African exporters. Mouldings are the first step in further processing and also the first component of more elaborate goods. Côte d'Ivoire is the largest ITTO exporter of mouldings in Africa and its exports go mainly to Italy. African SPWP exports are mainly directed to the EU (notably Italy and the UK) and USA markets.

The development of new processing technologies (e.g. MDF, veneer lamination) and raw material supplies (e.g. rubberwood) are allowing the use of a wider range of tropical wood species in furniture and other SPWP production in ITTO producer countries and consequent increases in production and exports. The contribution of SPWP to the forest sectors of ITTO producers and other developing countries will continue to grow rapidly in coming years, with corresponding reductions in production and especially exports of primary tropical timber products.

### SPWP Trade Discrepancies

The types of anomalies identified for primary products trade statistics in the previous chapter also exist in COMTRADE statistics for SPWP

reported by trading partners. The statistics reported by the major exporters of SPWP in Table 5-7 who reported data to COMTRADE can differ substantially from the corresponding import values reported by the major importers of SPWP in Table 5-1. Discrepancies in trade figures can be due to a number of factors as identified in the previous chapter: partial or non-reporting of exports to COMTRADE; differences in reporting periods; smuggling and transfer pricing to avoid taxes; etc.

Table 8 compares the different values reported by the four major producer exporters of SPWP (in *italics*) with the import statistics recorded in COMTRADE for the EU and all ITTO consumers (in **bold**). Table 8 illustrates that the problems identified for primary products for Indonesia also hold for SPWP, with, for example, a 71% discrepancy with EU import figures and a 26% discrepancy with ITTO consumers' import figures. Thailand also has a 20% discrepancy with EU import figures. Most of the other discrepancies noted for major producer exporters are smaller and can be largely attributed to insurance, freight and other shipping costs. For almost all major producers, export figures are less than corresponding import figures, which is as expected given the FOB/CIF basis of reporting. Trade between ITTO consumer countries and the EU shows the opposite pattern, however, with Table 8 showing import reports by the EU and ITTO consumers consistently less than export reports by these groups. This may be due to different protocols for reporting intra-EU trade amongst member countries and needs to be investigated further.

### SPWP Prices

Appendix 4 contains real and nominal price graphs for Indonesian and Malaysian secondary processed sawnwood (mouldings) as well as for Malaysian furniture parts and furniture from mid-1997 to late 2002, based on the nominal prices reported by the ITTO MIS. Nominal prices (normal lines in the graphs) were converted into

**Table 8. Direction of Trade of SPWP for Main Partners, 2000 (1000 US\$)**

<i>Exporter</i> <b>Importer</b>	<i>Indonesia</i>	<i>Malaysia</i>	<i>Thailand</i>	<i>Brazil</i>	<i>ITTO Producers</i>	<i>EU</i>	<i>ITTO Consumers</i>
<b>EU</b>	<b>1,132,138</b>	<b>346,740</b>	<b>212,111</b>	<b>338,568</b>	<b>2,282,723</b>		<b>11,152,255</b>
	<i>662,522</i>	<i>313,420</i>	<i>177,224</i>	<i>307,444</i>	<i>1,565,356</i>		<i>13,754,005</i>
<b>ITTO Consumers</b>	<b>2,454,699</b>	<b>1,429,308</b>	<b>1,099,295</b>	<b>705,070</b>	<b>6,622,861</b>	<b>13,928,395</b>	
	<i>1,943,081</i>	<i>1,356,529</i>	<i>1,018,222</i>	<i>653,954</i>	<i>5,601,588</i>	<i>16,791,825</i>	

real prices (bold lines) using the World Bank G5 Manufacturing Unit Value (MUV) index for calculating real commodity prices.

After plunging by over 40% (laminated squares) and 25% (mouldings) between mid-1997 and mid-1998 during the Asian financial crisis, real export prices for Indonesian mouldings were relatively stable in late 1998 and throughout 1999. Prices declined gently thereafter until early 2002 (laminated squares) or mid-2002 (red meranti mouldings Grades A and B) when they were trading at about \$297/m<sup>3</sup> (\$288/m<sup>3</sup> \$449/m<sup>3</sup> (\$435/m<sup>3</sup> nominal), respectively. Prices for these products rose slightly for most of 2002 reflecting price increases in meranti products as a result of reduced log supplies. Laminated squares and red meranti mouldings Grades A and B were trading at \$299/m<sup>3</sup> (\$290/m<sup>3</sup> nominal), \$544/m<sup>3</sup> (\$528/m<sup>3</sup> nominal) and \$500/m<sup>3</sup> (\$485/m<sup>3</sup> nominal), respectively, at the end of the year. Malaysian SPWP export prices were affected to a lesser extent by the economic crisis in 1997-98, with prices declining by about 10% for laminated scantlings and about 21% for both grades of meranti mouldings compared to a drop of 40-50% for logs and 30-35% for sawnwood. The declining prices for these secondary products were caused by intensive price competition between manufacturers in China, Indonesia, Malaysia, Thailand and Vietnam in the face of decreased demand. Real export prices for these products were relatively stable in late 1998 and through 1999, at around \$498/m<sup>3</sup> (\$485/m<sup>3</sup> nominal) for laminated scantlings, \$658/m<sup>3</sup> (\$640/m<sup>3</sup> nominal) for red meranti mouldings Grade A, \$509/m<sup>3</sup> (\$495/m<sup>3</sup> nominal) for red meranti mouldings Grade B and \$573/m<sup>3</sup> (\$558/m<sup>3</sup> nominal) for selangan batu decking. Real FOB prices for laminated scantlings and red meranti Grade A and B mouldings remained stable or declined through 2000-2001 and early 2002. Prices for selangan batu decking rose steadily through most of 2000 before declining gradually throughout 2001 to \$550/m<sup>3</sup> (\$528/m<sup>3</sup> nominal). Real FOB prices for laminated scantlings and both grades of red meranti mouldings remained steady in the first quarter of 2002 before rising gradually until the end of the year. Selangan batu decking prices remained relatively stable through most of 2002 and rose slightly at year-end. Reduced log availability and a shortage of skilled labor has affected the steady supply of laminated scantlings and red meranti mouldings. Laminated scantlings were trading at \$500/m<sup>3</sup> (\$485/m<sup>3</sup> nominal), red meranti

mouldings Grade A at \$658/m<sup>3</sup> (\$638/m<sup>3</sup> nominal), Grade B at \$513/m<sup>3</sup> (\$498/m<sup>3</sup> nominal) and selangan batu decking at \$549/m<sup>3</sup> (\$533/m<sup>3</sup> nominal) at the end of 2002.

Appendix 4 (Table 4-4c) also shows prices over the past five years for Malaysian furniture (windsor chairs of rubberwood) and furniture parts (two grades of rubberwood table tops). Prices for lower grade (semi-finished) rubberwood table tops are given per piece, while those for top grade rubberwood table tops are quoted on a volume (m<sup>3</sup>) basis.

Prices for semi-finished dining table tops (solid rubberwood laminated), windsor chairs and top grade rubberwood table tops were, like most other Malaysian forest products, severely affected by the Asian financial crisis. Prices for the first two products, in particular, plunged by 40% and 25%, respectively, between mid-1997 and mid-1998 to \$29 per piece and \$8 per piece, and remained relatively stable at those levels in 1999 and early (semi-finished dining table top) or late 2000 (windsor chair). Real prices for windsor chairs fell slightly in early 2001 before rebounding to over \$8 a piece. Prices for semi-finished dining table tops declined steadily until early 2002 to reach \$19/piece, a new low since prices for this product have been tracked by the MIS. Prices for semi-finished dining table tops remained at that level in early 2002 before rebounding to \$21/m<sup>3</sup> (\$20/m<sup>3</sup> nominal) in mid-2002.

Prices for top grade rubberwood table tops have shown a more dramatic downward trend since mid-1999. By mid-2001, real prices for this product had fallen by 24% to \$495/m<sup>3</sup> (\$475/m<sup>3</sup> nominal), a 2-year low, before rising gradually in the last half of the year to \$513/m<sup>3</sup> (\$493/m<sup>3</sup> nominal). Real prices for top grade rubberwood table tops remained at that level for most of 2002 despite a fluctuation in the third quarter of the year.

The general trend is for a gradual reduction in prices of mouldings and other value-added products from Asia-Pacific producers because of increased competition between them as they attempt to adjust to declining worldwide demand. Secondary processed sawnwood exported from these countries is of generally lower quality compared to that from developed countries and is therefore concentrated in the lower end of the market and subject to fierce price competition.



## COUNTRY NOTES

The following notes provide details of relevant recent developments in ITTO member countries, including information on trade barriers, new or increased processing capacity, transnational forestry investment, the role of forest plantations in wood supply, forest law enforcement activities and domestic economic trends, as solicited through the Joint Questionnaire. Where possible, they are supplemented by information from other sources; nevertheless, the quality and length of these notes are determined largely by the quality and length of the original submissions by members. Most of the information presented here is as of mid-2002, although information considered relevant for some countries that did not submit updated material in 2002 is repeated from the 2001 Review.

### Africa

#### *Cameroon*

According to the 34/01 Law of January 20, 1994, any logging company is allowed to export 30% of logs harvested during the five years following its establishment. After the five-year period, 100% of export timber must be locally processed. However, less known species may be exported as logs for promotion in the international market.

Cameroon's economy is recovering. Public works, which require large volumes of lumber, have resumed. Aluminium is proving to be more expensive than local timber for construction, and the substitution rate remains low. Wood consumption has increased considerably in urban areas, in particular as fuelwood and construction timber.

90% of logging companies belong to expatriates in Cameroon. National participation occurs upstream as owners of forest land. All marketing operations are undertaken by expatriates for their parent companies.

#### *Central African Republic*

The 2000 Budget Act allows a log export quota for every operator equivalent to that operator's export volume of sawn timber. Three sawmills are presently under construction in the country.

The proportion of major concessions held by different nationalities are as follows:

French 4/9; Lebanese 1.5/9; Malaysian 1.5/9;  
Central African 2/9

#### *Côte d'Ivoire*

Under the current policy, reforestation must be undertaken in proportion to logged areas in order to ensure the sustainable raw material supply of local industries. Non-kiln dried Iroko (*Chlorophora excelsa*) sawnwood is also subject to an export quota. Following the evaluation of the forest sector in 1998, a Framework Programme for Forest Sustainable Management is now under implementation. The programme will be executed by a Technical Multidisciplinary Unit, and includes various projects, including the development of tropical timber processing capacities.

The 1995 ban on the export of logs, blockware and cants and the temporary ban on the utilization of community teak is aimed at promoting local processing. However, a reduction in export duties will be necessary to increase the added value processing of timber.

Of the 400 potential timber species, approximately 60 are currently utilized. The enhancement of so-called minor timber species is the trend, but the promotion of these species is very low and forestry related research has been temporarily halted in Côte d'Ivoire.

From colonial times to the present, Côte d'Ivoire has achieved the reforestation of 200 000 ha with Teak, Frake, Framire and Cedrela being the most common species. Annual forest plantation development has been about 10 000 ha per year since 1991. The production of plantation industrial roundwood averages 130 000 m<sup>3</sup> per year against a total annual production estimated at 2 500 000 m<sup>3</sup>.

Except for traditional use in roof framing, the use of timber as a building material is not very common in Côte d'Ivoire. This can be explained by the fact that producers tend to apply export prices in the local market. In cities, the use of gas is increasing to the disadvantage of charcoal or fuelwood.

Out of the 112 foreign industrial companies operating in Côte d'Ivoire's forest sector, 72 are owned by expatriates, in particular French, Italian and Lebanese. Out of 30 000 employees, 25% are foreigners, and 85% of the capital stock amounting to FCFA 70 billion is owned by foreigners.

### **Gabon**

The export duty on tropical logs has been increased from 15% to 20% in order to reduce log exports. No export duty is applied to sawnwood, veneer and plywood, in order to encourage local processing and exports of processed products.

The Government of Gabon has also reduced log export quotas in an effort to encourage forest industries to process the bulk of their timber production locally in compliance with current government policy. The further processing of timber undertaken locally will have a beneficial impact on the housing conditions and livelihoods of the Gabonese people.

A quota has been fixed for each operator by the SNBG (Gabonese national timber company) on the production of Okoume timber. Forest development is encouraged by introduction of a new Forestry Law, which grants increasingly large areas for the implementation of management plans with a felling cycle of more than 20 years.

The following forest concessions have been granted:

Total permits: 401 (10 624 317 ha) distributed as follows:

Temporary Logging Permits = 307 (4 101 141 ha or 38.60%);

Industrial Permits = 63 (4 552 176 ha or 42.85%);

of which: Permits granted to Gabonese nationals: 18 (1 234 642 ha or 27.1%);

Permits granted to foreign operators: 45 (3 317 534 ha or 72.88%).

Plots in railway easements = 31 (1 971 000 ha or 18.55%).

All major forest companies with a forest concession covering 50 000 ha or more are obliged by law to submit a management plan for the allocated concession area and a timber processing plan within three months of signing a temporary Forest Management, Logging and Timber Processing Agreement with the Ministry for Water and Forest Resources.

The major forest companies in the country are mostly subsidiaries of larger European firms, although Asian business concerns are becoming more prominent in Gabon's forest sector.

Forest plantations cover an area of approximately 31 000 ha. However, reforestation has been suspended in favour of a sustainable forest

management policy involving natural forest regeneration, an option considered less costly and aimed at ensuring the conservation of biodiversity.

Changes taking place include the rehabilitation of the Port of Owendo, privatisation of the national railway with forest operators as main stakeholders, and expansion of the SNBG into a Forestry Company.

Apart from the main species such as Okoume, Padouk, Kavazingo, etc., species such as White Longhi, Pao-rosa and Beli are increasingly being used. In order to secure the sustainable supply of timber for future processing plants, the promotion of lesser-known and/or lesser-used forest species remains a short-term priority of the Department for Water and Forest Resources. Non-wood products such as rattan, charcoal and marantaceae leaves are harvested in quite substantial quantities on a national scale. In the building sector, structural timber is produced from local products, while imported products are in great demand for furniture.

### **Ghana**

The recently introduced 10% export tax has been reduced to 7%, while exports of sliced rotary veneer and plywood attract an export tax of 3%. However, there is a waiver on tertiary exports, in order to encourage further processing, particularly of LUS.

The country is facing a shortage of logs to feed the mills. To address this issue a delegation of Timber Industrialists is undertaking a trade mission to Gabon, Equatorial Guinea and Cameroon to seek logs to supplement the local log production.

Further processing of non-forest products like bamboo, rattan and cane is still at the developmental stage.

Housing starts have not changed in recent years, but mortgage rates have risen due to the instability in the convertible currencies such as the Dollar, GBP and the Euro. Timber faces increasing competition from metals and plastics. An additional factor is increasing regulation and enforcement of laws on illegal lumber production and use by chain saw operators. The Forestry Offence law has been reinforced and convicted offenders will have their logs, chain saw(s) and truck(s) confiscated by the state, and may also face prison terms.

The Timber Resource Management Bill which seeks to redress the allocation of concessions, has been passed and is awaiting Government's signature. It is expected that concessions will be allocated through competitive bidding in the future.

Plantations total approximately 39 000 ha. The projected growth of 20 000 ha annually is unlikely to be achieved due to factors such as the availability of land and human resources.

### ***Liberia***

The Government of Liberia levies a tariff rate of 5% on the CIF value of all timber and timber products imported into the country. Also, an inspection fee is levied based on container size (20' or 40'). The minimum amount per container is US\$250.00 payable to the Government. The Forestry Law passed and approved in April 1999 made it obligatory for every logging concession to establish a sawmill or integrated processing plant and process 35-40% of their total roundwood production into sawn timber. The number of registered active sawmills has subsequently increased considerably due to both government policy and international market demand.

Ekki (*Lophira* spp.) is the species harvested in the greatest volume in the country, but lesser-used species are in reasonably high demand by the international market. Some of these species are being used as substitutes for prime species, causing a reduction in price for the latter.

The renovation and construction of new homes continues to increase at a steady rate. The rehabilitation of public structures has registered an upward trend. The local timber market is booming and is a profitable investment, because no taxes are levied on sawn timber consumed locally. The reconstruction process is using more wood (sawn timber) for roofing and furniture, and in construction.

Twenty-eight registered and active timber concessionaires were operating in the country as of September 2001. The highest investment is provided by a Malaysian company named Oriental Timber Company (OTC), with concessions totalling 1.65 million ha. Another Malaysian company (NATURA) has a concession of 304 000 ha. Eight Lebanese companies hold concessions totalling 1.9 million ha, European companies around 700 000 ha, two Indian companies 541 000 ha, with the remaining

1 million ha of concessions controlled by 11 Liberian companies.

## **Asia-Pacific**

### ***Cambodia***

In order to encourage timber processing all processed wood and non-wood products will be exempt from taxes. Log exports are banned. The Government will provide further support for development of the sector by encouraging certification.

The Government will increase tree plantations in order to enhance local wood supply. Increased domestic demand for housing will occur due to reforms which will reduce the size of the military forces.

The Department of Forestry and Wildlife has forest plantations of more than 8 000 ha, with an annual growth of 500 ha.

### ***Fiji***

Fiji imposes no import tariffs on primary timber products from any source.

Fiji needs to develop its policy on sustainable forest management and forest certification and product labelling in order to ensure long-term production and trade from its tropical forests. Availability, price competitiveness and continuity of supply are factors that will affect the future of tropical forest products in Fiji. Short-term plans include the establishment of a value-added processing plant to utilize timber from the country's mahogany plantations.

The inclusion of lesser-known species in production and trade is gradually increasing with the slight decline of popular and dominant export species. There is an increasing volume of lesser used species coming into production, namely uko (*Palaquim porphyreum*) and anita (*Pterocymbium oceanicum*), for veneer and plywood production. However, in general there will be increased production from forest plantation species whilst the natural tropical forest will play a less dominant role in timber supply.

There is a gradual substitution from non-tropical wood products grown locally (especially pine) for domestic building activities. The trend is increasing. However, tropical timber will continue to contribute to building and housing activities both in the urban and rural areas.

Foreign investment in the timber industry is limited. However, the Fiji Hardwood Corporation Limited will soon seek a strategic partner in the form of an overseas investor for capital investment and marketing. The timber sector produces 2% of GDP and rates 5th in foreign exchange earnings in Fiji.

Data on plantations is as follows:

Pine Plantations (42 000 ha); Establishment rate = 2 500 ha per year.

Hardwood Plantations (mahogany and other species = 50 000 ha); Establishment rate = Nil (no new establishment).

2001 – Roundwood from Industrial Plantation = 76.45% of total production of 474 726 m<sup>3</sup>.

### **India**

Timber importers are lobbying the government to remove the 9.2% duty which has been imposed on imported logs since 1999-2000.

The Tamil Nadu Forest Department research centre is conducting research on cost-effective processing of LUS which would substitute for Teak and Rosewood. Currently 15 species have shown positive results.

### **Indonesia**

The Ministry of Forestry has suggested that the government should establish a special agency solely dedicated to tackling illegal logging. It has also reduced concession volume allocations from 12 million m<sup>3</sup> in 2001 to under 6.9 million m<sup>3</sup> in 2002.

The Environmental Investigation Agency (EIA) and Telapak have accused government officials for failing to halt continuous illegal logging at national parks.

PT Perhutani is considering planting 101 million trees (including Teak, Pine, Mahogany and Acacia) worth US\$211 million on a 350,000 ha 'abandoned' area in Java. In addition, due to poor performance all of its forest management certificates have been suspended by SmartWood during the 2000-2002 period.

Apkindo is to establish a Production Control Unit in order to ensure companies maintain production capacity in line with raw material supplies.

Forestry Ministerial Decree No. 6887/Kpts-II/2002 "concerning procedure for imposing administrative sanctions against violations of forest product utilization business, forest product

collection and wood forest product primary industry business licenses" was issued on 12 July 2002.

### **Malaysia**

Current tariffs rates are as follows:

Logs Tropical: 0%

Logs Non-Tropical: 0%

Sawn Tropical: 0%

Sawn Non-Tropical: 0%

Veneer Tropical Face: 0% Core: 20%

Veneer Non-Tropical Face: 0% Core: 20%

Plywood Tropical: 25-40%

Plywood Non-Tropical: 25-40%

The issue of market access due to environmental factors and illegal trading will adversely affect the production and trade of tropical timber. The full implementation of Sustainable Forest Management which began in 2000 will reduce log production drastically and export volumes will be dictated by the estimated log production volume in the future. Currently, log export is limited by the available log export quota which is set at 500 000 m<sup>3</sup>.

Currently the second Industrial Master Plan (IMP) emphasizes the promotion of development and export of value-added timber products. The second IMP also focuses on capital-intensive manufacturing with the application of new technology, innovation, superior management and a more efficient utilization of resources. There is no plan to expand the processing capacity of domestic mills, as the current capacity is already excessive.

Lesser-used species have become more important for domestic consumption. They are used in furniture and joinery making, and often are laminated with veneers and other laminates. For the export market, sawntimber of lesser-known species are normally traded as Mixed Light Hardwood, Mixed Medium Hardwood or Redwood. There has not been much change in the composition of species being traded. In the future the use of lesser-known species may increase, especially in finger jointing and blockboard manufacturing.

Tropical timber consumption is anticipated to increase in 2002 following the early signals of economic expansion in the country. Low interest rates and easier access to financing will provide a strong stimulus to private consumption as well as recovery in manufacturing activities in the timber processing sectors. The construction sector is also

likely to grow at a higher rate than the previous year, underpinned by underlying demand for affordable houses. In addition, higher government spending on public projects will contribute to the expansion in this sector. Domestic market demand for tropical timber is not significant in Sabah.

The following investment is occurring:

Sawntimber and planning: total approved RM378.7 m, foreign RM118.5 m; Furniture and fixtures: RM159.9 m, RM60.0 m; Other wood and cane: RM20.3 m, RM3.7 m. Investments in 2001 were from Singapore (RM48.1 m), Japan (RM45.3 m), Taiwan (RM25 m), Germany (RM14.4 m), China (RM19.1 m), Korea (RM11.8 m), Switzerland (RM5 m) and the USA (RM2.4 m). Investments of foreigners in the wood processing industry are quite significant at 38% of the 2001 total. Investments came from: Taiwanese (56%), Singaporean (15%), Korean (9%), Chinese (Hong Kong - 3%), Japanese (14%) and others (3%). Forest concessions are however owned 100% by locals.

In Peninsular Malaysia, forest plantation established as at 31 December 2000 was 74 052 ha, comprised of: Compensatory projects 56 107 ha; State projects 6 272 ha; Teak plantation 2 433 ha; Pine plantation 3 555 ha; *Hevea brasiliensis* 1 313 ha; *Azadirachta excelsa* (Sentang) 2 235 ha; others 2 137 ha. Wood production from plantation species in 2000 was mainly from Acacia and Yemane but was very small.

### Myanmar

An import/export license from the Ministry of Commerce is required to trade in timber products. There is no quota or incentive system which affects production and trade. Suspension of GSP privileges by the USA and EU may be considered as a non-tariff barrier.

There is no immediate short-term plan for expanding capacity for (further) processing of tropical timber products.

The species composition of the Myanmar timber trade is more or less constant. Mostly teak, *Xylia dolabriformis*, *Pterocarpus macrocarpus*, and *Dipterocarpus spp.* are being traded in the timber market. *Millettia pendula* and *Dalbergia oliveri* are recently more demanded in the market. Most lesser-used timber species and/or minor tropical forest products are insignificant.

The extent of forest plantations at the end of 2001 was 736 183 ha. The annual establishment rate of forest plantation is 40 000 ha/yr. Industrial roundwood production from plantations is still insignificant.

The extent of foreign companies' involvement in the timber sector is as follows:

- (a) Joint Venture with Myanmar Timber Enterprise (MTE) - State owned enterprise - 2
- (b) Joint Production with MTE - 9 (Furniture & Plywood Factories)
- (c) 100% investment in co-operation with MTE - 7
- (d) 100% investment with the permission of Myanmar Investment Commission (MIC) - 4

In 2002, there were extensive law enforcement activities throughout the country, but the volume of timber seized was minor.

### Papua New Guinea

Current tariffs rates are as follows:

Logs Tropical: Nil

Sawn Tropical: Nil

Sawn Non-Tropical: Nil

Veneer Tropical: Nil

Veneer Non-Tropical: Nil

Plywood Tropical: 45%

Plywood Non-Tropical: 45%

VAT is collected on all imports at 10% of CIF value. A processing tax has been proposed for all logs entering PNG domestic processing plants under the World Bank Structural Adjustment Program. An export tax is payable on logs from the natural forest (excluding plantation logs and sawn timber). It is applied at a varying rate according to the FOB value of the logs at the point of export. The export duty on logs ranges up to 70%.

Nine priority forestry projects have been identified by the National Forest Board as of 3 April 2002, as follows:

	Annual Harvest (m <sup>3</sup> /yr)	Total harvest (m <sup>3</sup> )
1. Rotlock Bay	90 000	3 150 000
2. April Salumei	200 000	7 000 000
3. Cloudy Bay	70 000	2 450 000
4. Asengseng	100 000	3 500 000
5. Middle Ramu Block	1 200 000	1 400 000
6. Kamula Dos	300 000	2 100 000
7. East Pingia	90 000	3 150 000
8. Amanab Blocks 1-4	90 000	3 150 000

9. Amanab Blocks 5-6	100 000	3 500 000
10. East Awin	100 000	3 500 000
<b>TOTAL</b>	<b>1 340 000</b>	<b>32 900 000</b>

Notes: Log volume is over bark, 50 cm plus diameter logs measured at breast height (i.e. 1.3 metres from GL).

Harvest volumes per year based on a sustainable cut regime of a 35-year cutting cycle (WB 1996) except Middle Ramu Block.

Export log price July SGS \$51 US/m<sup>3</sup>

Landowner royalty currently K10/m<sup>3</sup>

Landowner benefits, etc. currently K13 /m<sup>3</sup>

On average, with these areas, half of volume to be processed and half log export.

Under WB latest review moratorium a further 10% of area will be excluded from commercial harvest (as per LCOP conditions)

Under PNGLCOP, approximately 50% of any loggable area not to be harvested due to buffer strips and other environmental protection zones.

All areas selectively logged under LCOP - yield 10-30 m<sup>3</sup>/ha.

Minor species comprise 40% of total log and sawn timber production. No change is expected in the foreseeable future. Non-timber forest products are insignificant.

The economy in PNG is seriously weakened. Building and construction are at all time lows. No improvement is expected for at least two years. Donor funded projects often insist that all timber products used in project infrastructure meet the donor's respective building code specifications. This has often required the import of timber products for use in project infrastructure, to the detriment of PNG producers.

The PNG forest industry is 90% foreign controlled. Investors include Malaysia, Japan, Europe, Singapore, Korea, China, and Australia. Total investment is US\$600 million. The total area of PNG under forest concession is 10% of the land base. Forest Act 199, amended in 2000, and accompanying regulations cover a logging code of practice, and penalties for infringement of various activities.

60 000 hectares of plantation exist, of which two-thirds is owned by the private sector (Japanese investors). Annual planting rate including re-establishment is approximately 1 500 ha. Of the annual sustainable production of

3.3 million m<sup>3</sup>, plantation wood comprises approximately 5%.

### **Philippines**

Current tariffs rates are as follows:

Logs Tropical: Free

Logs Non-Tropical: Free

Sawn Tropical: 10%

Sawn Non-Tropical: 10%

Veneer Tropical: 10%

Veneer Non-Tropical: 10%

Plywood Tropical: 20%

Plywood Non-Tropical: 20%

The export ban on logs coming from natural forests and lumber processed from these logs continues. Incentives to encourage establishment of timber plantations include exemptions on the payment of forest charges on products derived therefrom and free technical assistance from DENR. Likewise, forest plantation establishment has a pioneering industry status that enjoys the following incentives: a) income tax holidays; b) tax and duty free importation of capital equipment; c) tax credit on domestic capital; d) deduction for labour expenses after the tax holiday; e) exemption from wharfage dues and export taxes and duties; and f) exemption from contractor's tax.

The decrease in the number of operating sawmill and plywood plants in the last 5 years indicates that there are no plans to expand production capacities in the medium term. Furthermore, the available supply of logs is less than the annual log requirement, and therefore existing wood-based plant capacities are underutilized.

As of 2000 logs coming from plantations made up 71% of total log production of 800 000 m<sup>3</sup>. Those coming from the natural forest made up 29%. Of the 571 365 m<sup>3</sup> of plantation logs, 68% is composed of *Albizia falcataria*, 22% composed of *Acacia mangium*, and the remaining 10% is composed of *Gmelina arborea* and other plantation species.

The total area planted as of 2001 was about 24 843 ha through the effort of the government sector and private sector which is composed of Timber License Agreement and Industrial Forest Management Agreement holders. For the past 10 years, plantation area grew by an annual average rate of 7.8%. The percentage share of industrial roundwood production from plantations during 2001 was about 69%, totalling around 401 000 m<sup>3</sup>.

The multi-sectoral forest protection committee which was created under the Forest Protection Program has been implementing some of the forest law enforcement activities such as confiscation of timber throughout the country (9 864 m<sup>3</sup> in 2001).

### **Thailand**

As a member country of World Trade Organization (WTO), Thailand had reduced tariffs for products originating from founding member countries of WTO since January 1, 1995. Moreover, as a signatory to the Agreement on the Common Effective Preferential Tariff (CEPT) Scheme for the ASEAN Free Trade Area (AFTA), Thailand has, since January 1, 1996, reduced or eliminated tariffs on products with certificates of origin from ASEAN countries. The reduction of import tariffs on timber was implemented because sawmills in Thailand now rely on raw materials (both logs and sawnwood) from abroad, due to a ban on logging in natural forests in place since 1989.

Because of the economic crisis in recent years most of the existing sawmills are running at partial capacity or have ceased working except those that utilize para-rubberwood or wood from plantations as raw materials. Sawmills in Thailand have to import raw materials from abroad.

Thailand imports substantial volumes of logs and sawnwood from neighbouring countries, especially Malaysia, Myanmar, Indonesia and Laos. Most of these are Keruing or Yang (*Dipterocarpus spp.*) and Teak (*Tectona grandis* Linn.f.). This trend is expected to continue in order to support the existing processed wood industry.

In the past year, demand for buildings and housing in Thailand has decreased. Because wood products are expensive, the construction industry has shifted away from utilizing all wooden materials to substituting reinforced concrete and steel beams in houses and office buildings. Sawmills are increasingly using cheaper wood such as para-rubberwood or *Eucalyptus* spp. instead of natural tropical timbers.

In support of law enforcement in 2001, there were 8 419 cases, with 3 970 suspects arrested. Teak logs (9 532 m<sup>3</sup>), teak sawnwood (636 m<sup>3</sup>), other logs (7 777 m<sup>3</sup>) and other sawnwood (2 291 m<sup>3</sup>) were confiscated.

### **Vanuatu**

Vanuatu import tariff rates (as a percentage of product value) according to the relevant customs classification category are as follows: Chapter 44 = 20%, Chapter 47 = free, Chapter 48 = 10%, Chapter 49 = free except 49.10 & 49.11 = 30%, Chapter 94 = 35%.

Almost all export tariffs were reduced to zero and export duties rescinded in 1999 when VAT was introduced to Vanuatu. The aim is to encourage domestic processing and export growth. Thus for forest products all processed exports are free from export duty. The only exception is for Chapter 440310 to 440399 (industrial roundwood in the rough), which has an export tax of 15%.

The National Forest Policy encourages local processing of timber. In support of this a log export ban has been effective since 1995. Further to this opportunities for investment in non-timber forest products (NTFPs) is limited to those applicants who demonstrate capability of setting up and processing all NTFPs locally.

There are opportunities for the expansion of production in Vanuatu through the opening up of operations on islands currently not utilised (such as Erromango) and these are being pursued by government and industry. In world terms the potential wood volumes are small: the aim is to increase the current annual harvest from around 40 000 m<sup>3</sup> to the estimated sustainable yield of 68 000 m<sup>3</sup>. The 1997 Vanuatu National Forest Policy encourages the domestic processing of forest products. Hence legislative restrictions have been placed on unprocessed roundwood log exports since 1994. In addition to this, the Department of Forests from 2001 has limited sandalwood (*Santalum album*) licences to those who show they are replanting the species or who have a domestic processing plant in place.

No major change concerning the species composition of trade is anticipated in the short term. However, there could be an increase in the trade of other forest products such as nuts, seeds and wood oil.

About 80% of Vanuatu's population dwell in the rural areas where over 90% of the buildings are built of local timber. In the main centres however, most buildings are constructed of concrete, metal and glass to resist the annual cyclones and occasional earthquakes.

Almost 100% of all large-scale logging and sawmilling companies are owned by foreigners (one Malaysian company and one owned by a New Zealander). However, about 99% of all sawmilling operations are owned and run by locals. Of the existing two sandalwood processing plants one is foreign-owned (Australia/New Zealand joint venture) and the other is jointly owned by a Ni-Vanuatu and an Australian.

To support effective enforcement of the code of logging practice and other such legal instruments, new Forestry Legislation was passed by parliament last year after a review was carried out in 2000. There are now tougher penalties for breaches of regulations, etc.

With over 80% of land covered by forests it has been quite difficult for the last 10-15 years to try and convince landowners to plant trees. Consequently the country so far has only about 2 700 ha of plantations, the majority of which are small scale (woodlots of less than 1 ha). The annual average establishment rate is 34 ha. Currently there is little logging for commercial purposes in plantations. Most harvesting operations take place in natural forests and developed areas - natural stands found in farms, cattle ranches, etc.

## **Latin America and Caribbean**

### ***Bolivia***

Under the FSC scheme, 1 million ha of Bolivian forests has been recognized in Europe as being sustainably managed. With more than one-half of this area located in the Amazon region, Bolivia becomes one of the major countries with large areas of certified natural tropical forests. By the end of 2002, Bolivia planned to submit a further 500 000 ha for certification.

### ***Brazil***

Protests from local communities, Greenpeace and other organizations at the Porto de Moz region continued in 2002 due to the lack of progress in the establishment of a 1.3 million ha extractive reserve (Verde Para Sempre Extractive Reserve), which would help eliminate illegal logging activities in the area.

As Brazil's second largest furniture market in 2001, North America (mostly the USA) has been further targeted by the Brazilian furniture sector with the aim to offset declines in Brazilian furniture trade due to the Argentinean economic crisis.

A timber deficit is anticipated after 2004 due to the on-going growth in demand for timber from forest plantations. This is the result of recent investments in pulp, paper and solid wood processing capacity. A deficit is inevitable unless a vigorous programme to increase forest plantations is implemented.

The government with the assistance of IBAMA has implemented a new tracing system for traded timber products. The new system strictly monitors the flow of timber from harvest to end-user.

### ***Colombia***

Tariff rates applied in Colombia are based on free trade treaties or trade agreements concluded with other countries, such as FTAA (Free Trade Agreement for the Americas). Basically, tariff rates vary according to the tax levy, which ranges from 5 to 15 percent depending on the type of product.

The National Forest Development Plan is framed within a strategic forest development vision for the country over the next 25 years. One of the incentives applied to the sector is the Tax Refund Certificate (Certificado de Reembolso Tributario – CERT) as a flexible support mechanism to boost the industry and promote the export and diversification of goods and services. All forest products imported into the country, without exception, must have a phyto-sanitary certificate. No import quotas are applied on timber products.

Within the National Forest Development Plan, document CONPES 3125 describes existing short, medium and long-term programmes and sub-programmes, such as the Forest Production Chains Programme and its sub-programme for forest production supply increase, aimed at supporting the establishment and upgrading of forest industries and micro-industries, and the export training and export promotion sub-programme.

There are numerous forest species under high levels of pressure due to selective harvesting. For example, in the Pacific region, the most commonly harvested species under high pressure include *Prioria copaifera*, *Tabebuia rosea*, *Carapa guianensis*, *Brosimum utile* and *Virola* spp. In the Andean region, there are many forest species that are still being logged even though they are only found in isolated pockets; these include: the *Lauraceae* family in

general and *Jacaranda copaia*, *Tabebuia rosea* and *Cedrela montana*, among others. The new approaches and processes in forest ecosystem planning are aimed at harmonising economic development with the sustainable use of renewable natural resources, thus satisfying market requirements with native and introduced species without causing deterioration of the environment.

In 2001, economic activities in Colombia took place in an adverse environment and there was slow improvement in domestic demand. In order to boost the building sector and bring relief to the banks, Decree No. 2005 of the Ministry of Finance and Public Credit established in September 2001 new tax benefits for the purchase of housing. In fact, between December 2000 and December 2001, the number and value of new loans issued increased by 334% and 64% respectively. As a result of this new tax benefit, as at 31 December 2001, a total of 1 684 savings accounts had been opened for building development, amounting to 2.9 billion pesos. According to document CONPES 3152 on 2001 macro-economic balance and 2002 projections, a growth of approximately 4.8% is expected in the building sector for 2002. Housing construction will continue at the same dynamic level of activity with an increase of nearly 10%.

Foreign investment in the forest sector as at June 2001 was 0.6% (not including oil), and the main investing countries were Sweden, Hong Kong, Venezuela, USA and Ecuador. Forest plantations in the country currently cover an area of 150 439 ha.

### **Ecuador**

The Ministry of Environment in its attempt to privatise its forestry and biodiversity operations has proposed to entrust its responsibilities to CORFORE (Ecuadorian Corporation for Forestry Promotion and Development). CORFORE will be collaborating with the Ministry of Environment, Ministry of Agriculture, CORPEI (Corporation for Export and Investment Promotion), AIMA (Ecuadorian Association of Timber Industrialists), CONIFOR (National College of Foresters), Federation of Chambers of Agriculture and CODEMPE (Council for the Development of the Peoples of Ecuador) to handle forestry related issues. However, a rival association, CORPROBIO (Corporation for the Promotion of Biodiversity), has appealed to the National Congress with the same objective. To date no decision has been made on this matter.

Work on the 300-mile pipeline construction project implemented by the Oleoducto Crudos Pesados (OCP) since 2001 in the Mindo Cloud Forest area has been halted due to intense opposition from environmental organizations. The pipeline is scheduled to pass through seven legally protected national parks including the Yasuni National Park, the Limoncocha, Panacocha and Cuyabeno Wildlife Reserves. 40 NGOs and German politicians met in a three-day summit held in Sassenberg, Germany in December 2002 to discuss the issues involved with the pipeline. The pipeline is being funded by the West Deutsche Landesbank and several other finance consortium banks.

### **Guyana**

Tariff levels have not changed since the 2001 Review. The major non-tariff barrier to Guyana's timber trade is the demand for certified forest products. The major incentives to trade (and the key to the survival of the local industry) is provided by Guyana's membership in free trade blocs and several "preferential" trading facilities, most notably CARICOM, CARIBCAN, CBTPA and the EBA Initiative.

A strategy for increasing the use of non-traditional species is being developed. This will be directed to the manufacture of furniture. The ban on the export of logs of locust (*Hymenaea* spp.) and crabwood (*Carapa* spp.), put in place to encourage the local manufacture of furniture, still stands. Exports of furniture, crafts, doors, windows and frames are now significant contributors to the sector. A construction/housing boom started about five years ago with the increased distribution of housing lots. However, there is increased substitution by non-wood (cement in particular) inputs in the construction sector.

There are five foreign owned companies which operate on a large scale in the Guyana timber sector, producing mainly for export markets. These companies operate in 2.65 million ha of concessions. A concession of 203 113 ha was awarded for conservation purposes in 2001.

Plantations account for 521 ha. These are all reserves and are restricted for experimental/research purposes. Guyana has started to establish plantations for commercial timber production. A new project will allow for the production of veneer from *Paulownia* spp. from plantations in the next 5–10 years.

The timber industry has identified the need to pursue forest certification. A national standard will be used, and the industry is now examining the costs and benefits of developing that standard under various scenarios. The possibility of having that standard endorsed by reputable international certifier(s) will also be explored.

### **Honduras**

No tariff rates are applied to roundwood or raw material imports, but processed and semi-processed products such as furniture and furniture parts, etc. are subject to tariff rates. A 15% rate applies regardless of species, plus an administrative rate of 0.5% and a 12% sales tax. There are a number of non-tariff factors in Honduras such as phyto-sanitary restrictions and controls (fumigations, quarantine procedures, etc.) for protection against pests. The government is still applying an administrative and technical service tax of Lps. 40.00 per m<sup>3</sup> of coniferous timber harvested.

Decree 194-2002, approved in June 2002 by the National Congress, establishes policies that directly and indirectly affect forest production, including the discussion of a new single draft forestry law geared to private producers to encourage their involvement in the forest production process. The administrative and technical service tax that the government is still applying to private and municipal landowners acts as a disincentive against forest production. The Temporary Import Regime (Régimen de Importación Temporal – R.I.T.) is still in force to promote the production and marketing of processed and semi-processed forest products.

Sawnwood is still being exported to various destinations in Central America and the Caribbean for development and reconstruction projects. Most of the timber exported is from coniferous species.

Approximately 80% of capital stakes in primary timber industry companies are held by Honduran nationals and 20% by foreigners, while 100% of the companies are privately owned. The secondary industry ratio is approximately 60% national capital and 40% foreign capital. There are also other private investment ventures such as agroforestry cooperatives set up by rural groups.

There are regular forest product transport controls in main roads throughout the country and in major markets to verify compliance with forestry legislation and regulations. These control

operations are carried out in conjunction with other government control agencies such as the Public Prosecutor's Office, the Comptroller's Office, the National Police, etc. Fines and sanctions are applied to transport operators if and when irregularities are detected. Over the last three years, these fines have averaged US\$70 000 per year.

There are currently about 26 000 hectares of man-made forests or plantations in the country. Most of these are coniferous species plantations of approximately 25 years of age. These plantations are not suitable for the production of industrial roundwood because tree diameters are too small due to the lack of management.

### **Panama**

The world free trade policies have led to the substitution of timber from non-tropical countries for local timber in Panama. Foreign suppliers have benefited from the zero tariffs on imported forest products.

The National Forest Policy is currently in the process of being approved. This policy promotes the improvement of the forest sector and the forest industry, including the trade of timber products and by-products. The development of a National Forest Development Plan is expected in the short term.

With regard to short-term initiatives, the private sector has initiated a training programme for forest industry workers and management with the support of INAFORP as part of the government policy aimed at economic upgrading and market globalisation.

There is currently a tendency towards industry retrofitting through forest sector consultancies, in order to improve industrial efficiency and technological upgrading with a view to diversification in harvesting and production. There are currently two foreign-owned timber processing companies in Panama, one American and one Cuban.

Timber species composition is tending to become more diversified and new species that were previously not considered to be of industrial value are being introduced to the market. These include: Quira (*Platymiscium pinnatum*), Zapatero (*Hieronyma alchorneoides*), Cocobolo (*Dalbergia retusa*), Bálsamo (*Miroxylon balsamum*), and Zorro (*Astronium graveolens*). Lesser-used tropical timber species are becoming

increasingly important as their demand in the construction sector increases, thus leading to a reduction in the use of other species of higher commercial value, which are better utilised in the secondary timber processing industry.

Based on an evaluation carried out in 34 forest harvesting sites in 2001, five forest concessions at the harvesting stage were sanctioned with fines of B/.63,997. In addition, two forest concessions that were at the post-harvesting stage were also evaluated and one of them was fined B/.41,425.50. Another 10 privately-owned sites under permits were evaluated and one of them was fined B/.3,500. Furthermore, three privately-owned sites under permits in the post-harvesting stage were also evaluated and were fined B/.16,402.71 each. In addition, two forest concessions were terminated due to breach of contract.

There are currently 45 984 ha of plantations in the country, of which 28 029 ha are of teak, 10 640 ha of Caribbean pine, 1 516 ha of African mahogany, 1 298 ha of *Cedro espino*, and 1 255 ha of *Acacia mangium*, while 3 246 ha have been planted with other forest species.

The reforested area in 2001 was 3 860 ha, of which 2 953 ha were of teak, 159 ha of Caribbean pine, 72 ha of *Cedro espino*, 148 ha of *Acacia mangium*, and 110 ha of African mahogany; while 418 ha were reforested with other species.

Currently there are no data available for 2001 on industrial roundwood production from plantations, as most are still very young and have not reached the harvesting age. Timber volumes harvested from plantations are very small and the figures are not significant, but the National Reforestation Association of Panama (ANARAP) reported production projections of 34 860.9 m<sup>3</sup> when plantations reach maturity.

### **Peru**

According to INRENA, 90% of mahogany (*Swietenia macrophylla*) logs are illegally harvested in Peru. The government has endorsed a new law which states that all concessions must submit an annual timber harvesting management plan. However, government instability has caused difficulty in implementing this law. Peru voted against the inclusion of mahogany in CITES Appendix II, a proposal approved by CITES in November 2002. The new international rules governing mahogany trade will enter into force in

November 2003. Peru is currently the largest single exporter of mahogany since Brazil's ban on new production and exports.

### **Suriname**

The main species of importance for export are *Dycorinia guianensis*, *Virola* spp., *Ocotea rubra*, *Goupia glabra*, *Tabebuia serratifolia* and *Peltogyne* spp.

There are 6 concessions with a total area of 700 000 ha issued to foreign companies. 5 sawmills are owned by foreign companies. Most of the foreign companies are Chinese.

No new plantations have been established in recent years. The production from plantation forests is about 700 m<sup>3</sup> of roundwood per year.

### **Trinidad and Tobago**

Current import tariffs are as follows:

Logs Tropical: Free  
 Logs Non-Tropical: Free  
 Sawn Tropical: Free  
 Sawn Non-Tropical: Free  
 Veneer Tropical: 15%  
 Veneer Non-Tropical: Free  
 Plywood Tropical: 10%  
 Plywood Non-Tropical: 10%

There is an incentive programme for private landowners who are establishing and practicing private forestry. Teak and pine plantations have been allocated for sale to sawmillers.

There is a demand for lesser-known species, however the demand for minor tropical forest products has fallen. There is increased use of concrete walls and steel and aluminium roofs in buildings instead of wood.

During the last year 68 forest offences were discovered, the royalty involved totalled \$48 478, (TT\$). Fines imposed and recovered totalled \$29 000 (TT\$).

Plantation areas are as follows:

Teak - 9 035 ha; Pine - 3 638 ha; Mixed species - 2 332 ha. Approximately 200 ha of plantations are established per year. The government offers an agriculture incentive programme which provides incentives for private landowners who are practicing private forestry, including plantation establishment. No significant change in Trinidad and Tobago's small tropical timber trade is foreseen in the next few years.

### Venezuela

Import tariff rates for forest products have remained unchanged in the last few years.

Two forestry development incentives are worthy of mention:

1. Establishment of Concessions Regime: Establishes the conclusion of Administrative Contracts between the government of the Republic and concessionaires for the implementation of Management Plans and Timber and Non-Timber Forest Products Management.
2. Reforestation incentives: The rehabilitation of deforested areas within the Ticoporo and Caparo Forest Reserves in the western region of the country has been declared a priority of national interest. The rehabilitation of these areas will be based on the supply of vegetative material and the provision of technical assistance and training.

The contribution of *Pinus caribaea* (Caribbean Pine) forest plantations to the national production in 2002 has been estimated at 600 000 m<sup>3</sup> of roundwood, supplying medium density fibreboard (MDF) and particleboard (PB) plants as well as a sawmill with an installed capacity of 150 000 m<sup>3</sup>/year. Furthermore, there are a number of small and medium enterprises (SMEs) involved in timber processing for various uses. Project PRODEFOR III is currently being formulated by the Venezuelan Corporation of Guiana – Forest Products from the Eastern Region (Corporación Venezolana de Guayana – Productos Forestales del Oriente – CVG-PROFORCA). The aim of this project is to establish *Pinus caribaea* (Caribbean Pine) forest plantations over an area of 25 000 ha, for which a required investment of US\$135 million has been estimated. In addition, this Corporation is implementing a project for the establishment of *Hevea* spp. (natural rubberwood) plantations in the southern region of the country in the state of Amazonas. The target of this project is to establish a total of 3 000 ha of plantations of this species over the next 10 years. As of 2002, 300 ha have already been established with a production of 3 metric tonnes from 50 ha estimated for 2002.

There are currently around 80 lesser-used forest species which could be used as substitutes for commercial species if information on the physical and mechanical properties of the species is disseminated and forest industries are encouraged to make adjustments for their processing. This would ensure the diversification of the trade of

species from natural forests. Furthermore, research at the National Forest Products Laboratory (LABONAC) is being promoted so as to improve the scientific information available on native species, and incentives will be created to promote their introduction into the market.

Non-timber and secondary forest products are important for the National Forest Statistical Information System. Thus, the collection, processing and validation of information on these products is being improved, taking into account the following criteria: origin of timber and non-timber forest products; primary and secondary processing of timber and secondary products and collection and harvesting of non-timber products; product end-uses; and botanical identification by family and genus. Similarly, the Forest Policy also promotes research to improve the level of knowledge available on these products.

By mid 2002, interest rates in the building sector were about 18% per annum. The demand for housing in the country is 1 500 000 units. The Government's Social Development Policy has promoted the construction of social housing through the Single Social Fund, the National Housing Council (CONAVI), and the National Institute for Housing (INAVI), leading to the construction of 150 000 units in the year to July 2002.

There are no restrictions in the current policy for foreign investments in activities related to the management, conservation and development of forest resources in the country. Foreign involvement in activities related to forest management plans, the sawmilling, pulp, paper and cardboard industries, and high and medium density fibreboard industries (PB and MDF) has been particularly significant. Investments by private companies in direct support of forest programmes, plans and projects have not yet been quantified.

Forest management companies implement their forest management plans within the framework of an administrative contract signed with the government, which stipulates the level of financial resources to be secured from commercial banks or from the marketing of timber.

Other companies such as SMURFITT Cartones de Venezuela, Agroforestal Anzoategui, Desarrollo Forestal San Carlos, Terranova de Venezuela, Agropecuaria la Bombonera, Forestal Orinoco

and TRACFOR, have made investments of approximately US\$750/ha for the establishment and management of forest plantations. These funds have been obtained from commercial banks and the income generated through the harvesting of timber from their forest plantations. Petr leos de Venezuela (PDVSA) has been implementing a programme for environmental conservation and rehabilitation, under which agreements are concluded with private companies specialised in environmental consultancies. However, the level of investment is not known.

There are currently several environmental policy instruments in force to regulate the management, conservation and development of forests in the country. There is a National Commission for Technical Standards in the country to improve the enforcement of regulations in this field. The objective of this Commission is to ensure the ongoing consultation, revision and updating of legal provisions in the environmental field. In the forestry area in particular, the Commission is currently updating standards for the implementation of activities that may potentially lead to environmental degradation, regulating the execution of Environmental Impact Assessments, the establishment of commercial forest plantations and the Forestry Law of 1966.

The public sector represented by the Ministry for the Environment and Natural Resources (MARN), the Venezuelan Corporation of Guiana (CVG) and the National Reforestation Company (CONARE) as well as the private sector including the Natural Forest Management Concessionaires Association (ASOINBOSQUES), the Association of Plantation Growers of Venezuela (ASOPLANT) and others, continue promoting and developing forest plantation projects for protection, research, industrial and multiple-use purposes, using the following species in particular: *Pinus caribaea*, *Eucalyptus* spp., *Gmelina arborea*, *Leucaena leucocephala*, *Fraxinus americana*, *Cupressus lusitanica*, *Tabebuia rosea*, *Cedrela odorata*, *Swietenia macrophylla* and *Tectona grandis*, among others. As of 2001, planted forests covered an area of approximately 683 000 ha, and 75% of this total had been established by the public sector.

The annual area planted under the various forest plantation projects implemented by the public and private sectors is approximately 25 000 hectares.

By 2001, 46% of the total roundwood production volume originated from areas under Forest

Management and Administration Plans (Planes de Ordenaci n y Manejo Forestal – POMF); 37% of plantations were of Caribbean Pine and 17% of annual permits were not subject to POMFs. It can therefore be concluded that 83% of the total roundwood volume is extracted from sustainably managed areas.

## Consumer Countries

### *Australia*

Current tariffs rates are as follows:

Logs Tropical: Free

Logs Non-Tropical: Free

Sawn Tropical: Variable, Free - 5%

Sawn Non-Tropical: 5%

Veneer Tropical: Free

Veneer Non-Tropical: 5%

Plywood Tropical: Free

Plywood Non-Tropical: 5%

Applicable customs classification: Australian Customs Tariff – Schedule 3

Current Government Policy places a number of restrictions on the extraction of wood from native forests (hardwood).

There is potential for plantation softwood sawnwood and hardwood pulpwood trade to increase over the medium to long term.

Housing construction has increased strongly in the last 2 years and appears to have peaked in 2002, whilst mortgage and interest rates have remained at significantly low levels. Housing construction is expected to ease over the next 2-3 years. Consumption of hardwood sawnwood has trended downwards in the medium term as the substitution of softwood sawnwood and panels for hardwood sawnwood continues.

Extent of forest plantations as at December 2001: Coniferous: 979.63 ('000 ha); Non-coniferous: 587.86 ('000 ha); Other: 1.41 ('000 ha); Total: 1,568.90 ('000 ha).

Average annual establishment rate (1997-2000): 32.29% per year; Planting rate for 2001: 51.7 ('000 ha).

Proportion of industrial roundwood production from plantations: 58%.

### *Canada*

Import tariffs ranging from 5% to 9.5% are imposed on various categories of plywood, although most tropical timber products are imported duty free.

Wood and wood products import policy D95-14 was revised by the Canadian Food Inspection Agency (CFIA) in 2002. In addition to amendments to the Plant Health import permit requirements and treatment measures, new commodity groups such as bamboo products, decorative wood items, seasonal festive wood items and tropical sawnwood have been incorporated.

### **China**

Untreated wood-based packaging used in imports has been banned in China from 1 October 2002. With entrance to the WTO, Chinese customs have reduced import tariffs on plywood and veneer (effective as of 1 January 2002). The plywood import duty rate is now roughly 10% (down from 15%) and veneer 4% (down from 8%). Logs and sawnwood imports remain duty free.

### **European Union**

#### **Denmark**

Current tariffs rates are as follows:

Sawn Tropical: 2.0-3.5%

Sawn Non-Tropical: 2.5%

Veneer Tropical: 3.0-6.0%

Veneer Non-Tropical: 3.0-4.0%

Plywood Tropical: 6.0-10.0%

Plywood Non-Tropical: 7.0%

There are no immediate plans for expanding tropical timber processing capacity as the Danish wood industry is under pressure due to low prices. Certification of forest products is under discussion in Denmark.

#### **Finland**

Current tariffs rates are as follows:

Logs Tropical: 0%

Logs Non-Tropical: 0%

Sawn Tropical: 0-4.9%

Sawn Non-Tropical: 0%

Veneer Tropical: 0-6%

Veneer Non-Tropical: 0-4%

Plywood Tropical: 6-10%

Plywood Non-Tropical: 6-10%

There are no plans to extend the capacity for processing of tropical timber products. Imports of timber have increased substantially in last few years, but these are from the temperate zone (mainly Russia). Foreign trade of tropical species is insignificant and tropical timber is only of minor importance in domestic building activity.

### **Germany**

Building permits: 2000 = 348 508  
2001 = 291 084

Multifamily homes: 2000 = 103 491  
2001 = 84 168

Single family homes: 2000 = 157 725  
2001 = 136 743

The numbers of building permits and housing completions continue declining. In 1999, 437 584 permits were granted, down 8% from a year before. This had fallen to 348 508 in 2000, a drop of almost 23%. The 2000 decline in multi-family home permits was 24% and in single-family homes, 16%. This trend continued in 2001 and 2002.

### **Netherlands**

Only EU import tariffs are applied to tropical timber.

There is an increasing but still small use of relatively new (i.e. lesser-used) FSC tropical species in the Netherlands.

Growth of the Dutch economy is rather weak and as a consequence a decreasing market is seen for wood products and especially for tropical hardwoods. There was a strong decline for tropical roundwood and sawnwood in 2001.

There is no foreign involvement in Dutch forestry but there has been an increase by exporting countries in the Dutch market. The timber and paper industry have seen increases in scale.

The annual establishment rate for new plantations is approximately 1 000 ha.

### **United Kingdom**

According to the National Panel Products Division (NPPD) recent imports of Chinese plywood have been incorrectly classified as 'Far Eastern'. Much Chinese plywood consists of a 0.6 mm Okoume or Meranti face veneer with a poplar core. However, Far Eastern plywood is mainly composed of tropical hardwood veneers manufactured to Indonesian/Malaysian quality standards.

The UK supported the inclusion of Big-Leaf Mahogany (*Swietenia macrophylla*) in Appendix II of CITES. The proposal was approved by CITES in November 2002 and the new requirements for export permits, etc. will take effect from November 2003.

### ***Japan***

There has been no change in tariffs reported in previous years, as the schedule of reductions committed to in the Uruguay Round has been completed.

Japan has increased its imports of Russian logs for plywood and coniferous plywood made up 58% of the total domestic plywood use in 2001. The share of domestic plywood production in total consumption has decreased by 9% to 36% in 2001, from 45% in 1998.

Imports of the 14 major tropical species traditionally used in plywood have been decreasing since 1995. 54.1% of Japan's imports were tropical timber as defined by ITTO in 2001 (i.e. with a face veneer of one of the 84 tropical species listed in the HS).

A new Building Standards Act will go into effect in July 2003, imposing limits on formaldehyde emissions from plywood. This will have potential implications for tropical plywood suppliers in Indonesia and Malaysia, many of whom are currently unable to meet the new standards.

Annual housing starts for 2001 decreased by 5% to 1 173 858 units, well below the 1996 level which was the highest for a decade. Wooden housing starts for 2001 were 44.5% of the total, a decrease of 6% on the previous year. Housing starts in the first five months of 2002 were one percent higher than 2001.

### ***New Zealand***

Current tariffs rates are as follows:

Logs Tropical: Free

Logs Non-Tropical: Free

Sawn Tropical: See Below

Sawn Non-Tropical:

Veneer Tropical: See Below

Veneer Non-Tropical: See Below

Plywood Tropical: 5%-7%

Plywood Non-Tropical: 5%-7%

Non-tropical sawn timber enters NZ duty free except for "sanded, finger-jointed", tariff 7%. Non-tropical veneer enters NZ duty free except if not "planed", tariff 6.5%. All sawn tropical timber enters New Zealand duty free with the exception of: HS Codes 4407.24.20, 4407.25.20, 4407.26.20, 4407.29.40, tariff of 7.0%. Non-tropical veneer enters NZ duty free except if not "planed", tariff 6.5%. New Zealand is a very small importer of tropical species.

Planted production forest area as at 1 April 2001: 1.8 million ha. New planting in 2001: 29,000 ha; average over last 30 years: 45,000 ha/yr. Proportion of roundwood from planted production forests: 99.7%.

### ***Norway***

There are no tariffs on the import of wood products into Norway. No specific factors are expected to affect the very limited trade of tropical timber products in Norway.

Forest plantations occupy approximately 300 000 ha. Establishment rate: approximately 1 900 ha/yr. Proportion of industrial roundwood production from plantations: less than 2.5 percent.

### ***United States***

The New Jersey General Assembly has ruled that grants and loans from the state would not be used for boardwalk installation, or other state funded purchase, replacement or restoration projects utilizing tropical timber with the exception of FSC certified timber.

According to IWPA, the New York City Council has resubmitted a bill which indirectly calls for the usage of FSC certified timber products.



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Japan Times

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## APPENDICES

The following Appendices contain data on production, trade and consumption by country (Appendix 1), major trade flows by product (Appendix 2), major species traded (Appendix 3), prices of major tropical timber products (Appendix 4), trade in secondary processed wood products (Appendix 5) and the 2002-2003 ECE/FAO Timber Committee market statement (Appendix 6).

In Appendix 1, unit values may differ for equivalent volumes/values due to rounding. In Appendix 2, figures reported by importers are shown in **bold** typeface while those corresponding to export reports are in *italics*. Only major trading relationships (the top twelve importers and exporters for each category) are presented in Appendix 2.

The sources indicated below are applicable to all tables. The notes are of relevance to one or more tables.

Sources: 2002 Joint Forest Sector Questionnaire. Other sources are indicated by the superscripts after the figures (C: UNSO COMTRADE or EUROSTAT COMEXT databases; E: UN-ECE Timber database, F: FAOSTAT database; I: ITTO estimate; \*: Other unofficial data including country statistical reports, trade journals, ITTO project reports, USDA Foreign Agricultural Service reports, etc. – see reference for a list of all data sources used).

Notes: Domestic Consumption = Production + Imports - Exports  
 The superscript "A" indicates adjustment from veneer area to volume assuming an average veneer sheet thickness of 2 mm.  
 The superscript "D" indicates adjustment to calendar year figures from figures provided for portions of a calendar year or for a non-calendar fiscal year.  
 The superscript "R" indicates a figure rounded down to 0.  
 The superscript "W" indicates adjustment from weight (usually metric tons) to volume assuming the following factors (unless different conversion factors are reported): coniferous logs – 1.43m<sup>3</sup>/ton; non-coniferous tropical logs – 1.37m<sup>3</sup>/ton; non-coniferous non-tropical logs – 1.25m<sup>3</sup>/ton; coniferous sawnwood – 1.82m<sup>3</sup>/ton; non-coniferous sawnwood – 1.43m<sup>3</sup>/ton; veneer – 1.33m<sup>3</sup>/ton; plywood – 1.54m<sup>3</sup>/ton.  
 Dashes (--) in Tables indicate data not available or impossible to calculate (i.e. divide by zero).  
 Export values/prices in Appendices 1, 3, 4 and 5 are FOB; import values are CIF, unless otherwise stated.  
 Belgium/Luxembourg ceased submitting combined statistics to international organizations, from 1999. All data for 1999-2002 present separate statistics for the two countries.  
 Totals in the statistical tables may not sum exactly due to rounding.

The following ITTO members did not respond to the 2002 Joint Forest Sector Questionnaire: Belgium, Central African Republic, Democratic Republic of Congo, Greece, India, Liberia, Luxembourg, Nepal and Republic of Congo.



## Appendix 1

### Production and Trade of Timber, 1998-2002

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**Table 1-1-a. Production, Trade and Consumption of All Timber by ITTO Consumers (1000 m<sup>3</sup>)**

Country	Product	Species	Production					Imports					Exports					Domestic Consumption				
			1998	1999	2000	2001	2002	1998	1999	2000	2001	2002	1998	1999	2000	2001	2002	1998	1999	2000	2001	2002
Australia	Logs	All	21184	20587	24042	24208	24389	4	1	2	1	1	388	872	1125	920	1051	20800	19716	22919	23289	23339
		C	10877	10960	12485	12874	13274	1	0 <sup>R</sup>	0	0	0	367	837	952	801	993	10511	10123	11533	12073	12281
		NC	10307	9627	11557	11334	11115	3	1	2	1	1	21	35	173	119	58	10289	9593	11386	11216	11058
	Sawn	All	3711	3673	3983	3525	4113	786	782	1025	618	736	46	87	113	146	135	4451	4368	4895	3997	4714
		C	2327	2338	2637	2351	3007	678	673	893	524	632	18	32	51	83	52	2987	2979	3479	2792	3587
		NC	1384	1335	1346	1174	1106	108	109	132	94	104	28	55	62	63	83	1464	1389	1415	1205	1127
	Ven	All	5	5	5 <sup>I</sup>	5 <sup>I</sup>	5 <sup>I</sup>	22	22	21 <sup>I</sup>	21 <sup>I</sup>	15	2	5	6	7	2 <sup>I</sup>	25	22	20	19	18
		C	0	0	0 <sup>I</sup>	0 <sup>I</sup>	0 <sup>I</sup>	2	5	6 <sup>I</sup>	6 <sup>I</sup>	1	2	3	5	6	1 <sup>I</sup>	0	1	1	0	0
		NC	5	5	5 <sup>I</sup>	5 <sup>I</sup>	5 <sup>I</sup>	20	18	16	15	14	0 <sup>R</sup>	1	1	1	1 <sup>I</sup>	25	21	20	19	18
	Ply	All	170	174	192	157	201	89	106	109	98	106	2	9	6	40	38 <sup>I</sup>	257	271	295	215	269
		C	165	169	183	149	190	37	52	51	58	71	1	7	3	10	10	201	214	231	197	251
		NC	5	5	9	8	11	52	54	58	40	35	1	2	3	30	28 <sup>I</sup>	56	57	64	18	18
Canada	Logs	All	173953 <sup>E</sup>	190283	176572 <sup>E</sup>	175592 <sup>E</sup>	173600 <sup>E</sup>	6954	6157	6522	6953	6550	2029	2213	2903	3217 <sup>E</sup>	3292	178878	194227	180191	179329	176858
		C	142785 <sup>E</sup>	158224	147087 <sup>E</sup>	145792 <sup>E</sup>	143800 <sup>E</sup>	5414	4418	4536	4733	4300	1737	1931	2595	2924 <sup>E</sup>	3010	146462	160711	149028	147601	145090
		NC	31168 <sup>E</sup>	32059	29485 <sup>E</sup>	29800 <sup>E</sup>	29800 <sup>E</sup>	1540	1739	1986	2220	2250	292	282	308	293	282	32416	33516	31163	31727	31768
	Sawn	All	47185 <sup>I</sup>	50200 <sup>I</sup>	53635 <sup>E</sup>	52832	50801	1399 <sup>E</sup>	1619 <sup>E</sup>	1736 <sup>E</sup>	1432 <sup>E</sup>	1410	35160 <sup>E</sup>	36191 <sup>E</sup>	36456 <sup>E</sup>	36346	33872	13425	15628	18915	17918	18339
		C	46158 <sup>I</sup>	49150 <sup>I</sup>	52506 <sup>E</sup>	51738	49701	445 <sup>E</sup>	535 <sup>E</sup>	554 <sup>E</sup>	394 <sup>E</sup>	360	33982 <sup>E</sup>	34852 <sup>E</sup>	35011 <sup>E</sup>	35088	32522	12622	14832	18049	17044	17539
		NC	1027	1051	1129	1094	1100	954	1084	1182	1038	1050	1178	1339	1445	1258	1350	803	796	866	874	800
	Ven	All	490 <sup>I</sup>	501 <sup>E</sup>	591 <sup>I</sup>	550 <sup>I</sup>	600 <sup>I</sup>	237	427 <sup>E</sup>	290 <sup>E</sup>	305 <sup>E</sup>	350	661	781 <sup>E</sup>	816 <sup>E</sup>	845	900	66	147	65	10	50
		C	310 <sup>I</sup>	401 <sup>E</sup>	401 <sup>E</sup>	450 <sup>I</sup>	450 <sup>I</sup>	37	37 <sup>E</sup>	32 <sup>E</sup>	28 <sup>E</sup>	60 <sup>I</sup>	290	386 <sup>E</sup>	423 <sup>I</sup>	473 <sup>I</sup>	500 <sup>I</sup>	57	52	10	5	10
		NC	180 <sup>I</sup>	100 <sup>E</sup>	190 <sup>I</sup>	100 <sup>E</sup>	150 <sup>I</sup>	200	389 <sup>E</sup>	258 <sup>E</sup>	278 <sup>E</sup>	290 <sup>I</sup>	371	395 <sup>E</sup>	393 <sup>I</sup>	372 <sup>I</sup>	400 <sup>I</sup>	9	95	55	6	40
	Ply	All	2049 <sup>E</sup>	2228 <sup>E</sup>	2244 <sup>E</sup>	2326 <sup>E</sup>	2400 <sup>*</sup>	273	225	230	374	374 <sup>I</sup>	755	956	941	1030	905 <sup>I</sup>	1567	1497	1533	1670	1869
		C	1800 <sup>I</sup>	1928 <sup>E</sup>	1944 <sup>I</sup>	2026 <sup>I</sup>	2100 <sup>I</sup>	108	142	128	103	103 <sup>I</sup>	466	642	582	675	550	1442	1428	1490	1454	1653
		NC	249 <sup>I</sup>	300 <sup>E</sup>	300 <sup>E</sup>	300 <sup>E</sup>	300 <sup>I</sup>	165	83	102	271	271 <sup>I</sup>	289	314	360	355	355 <sup>I</sup>	125	69	43	216	216
China	Logs	All	55560	48487	43957	41970	36000 <sup>I</sup>	4823	10107	13612	17136	24333 <sup>*</sup>	32	20	27	18	21 <sup>I</sup>	60351	58574	57542	59089	60312
		C	34000 <sup>I</sup>	33140 <sup>*</sup>	29891 <sup>*</sup>	29000 <sup>I</sup>	24000 <sup>I</sup>	1486	4545	6401	9415	15780 <sup>*</sup>	4	2	1	1	1 <sup>I</sup>	35482	37684	36291	38414	39779
		NC	21560 <sup>I</sup>	15347 <sup>*</sup>	14066 <sup>*</sup>	12970 <sup>I</sup>	12000 <sup>I</sup>	3337	5562	7211	7722	8553 <sup>*</sup>	28	18	26	17	20 <sup>I</sup>	24869	20891	21252	20675	20533
	Sawn	All	17876	15859	6344	7638	8000 <sup>I</sup>	1678	2720	3668	4016	5396 <sup>*</sup>	254	314 <sup>C</sup>	550	433	500 <sup>I</sup>	19300	18265	9462	11221	12896
		C	11359 <sup>*</sup>	10076 <sup>*</sup>	4031 <sup>I</sup>	4853 <sup>I</sup>	5000 <sup>I</sup>	398	393	508	640	1189 <sup>*</sup>	41	42 <sup>C</sup>	124	83	100 <sup>I</sup>	11716	10428	4415	5409	6089
		NC	6517 <sup>*</sup>	5783 <sup>*</sup>	2313 <sup>I</sup>	2785 <sup>I</sup>	3000 <sup>I</sup>	1280	2327	3160	3376	4207 <sup>*</sup>	213	272	427	350	400 <sup>I</sup>	7584	7837	5046	5812	6807
	Ven	All	100 <sup>I</sup>	100 <sup>I</sup>	252	481	481 <sup>I</sup>	404	640 <sup>C</sup>	649	335 <sup>W</sup>	183 <sup>*</sup>	34	48 <sup>C</sup>	53	62	70 <sup>I</sup>	470	691	848	753	594
		C	15 <sup>I</sup>	15 <sup>I</sup>	72 <sup>I</sup>	151 <sup>I</sup>	151 <sup>I</sup>	7	6 <sup>C</sup>	34	44 <sup>W</sup>	12 <sup>I</sup>	6	11 <sup>C</sup>	8	2	10 <sup>I</sup>	16	10	97	193	153
		NC	85 <sup>I</sup>	85 <sup>I</sup>	180 <sup>I</sup>	330 <sup>I</sup>	330 <sup>I</sup>	397	634 <sup>C</sup>	616	291 <sup>W</sup>	171 <sup>I</sup>	28	38 <sup>C</sup>	45	60	60 <sup>I</sup>	454	681	751	560	441
	Ply	All	7866 <sup>I</sup>	7276	9925	9045	10500 <sup>I</sup>	2200 <sup>I</sup>	1042	1002	651	622 <sup>2P</sup>	177	423	690	965	1050 <sup>I</sup>	9889	7895	10237	8731	10072
		C	4866 <sup>*</sup>	4200 <sup>I</sup>	5425 <sup>I</sup>	5000 <sup>I</sup>	5500 <sup>I</sup>	100 <sup>I</sup>	42 <sup>I</sup>	93 <sup>C</sup>	25 <sup>I</sup>	22 <sup>I</sup>	99	181	324	479	500 <sup>I</sup>	4867	4061	5194	4546	5022
		NC	3000 <sup>I</sup>	3076 <sup>I</sup>	4500 <sup>I</sup>	4045 <sup>I</sup>	5000 <sup>I</sup>	2100 <sup>I</sup>	1000 <sup>I</sup>	909 <sup>C</sup>	626 <sup>I</sup>	600 <sup>I</sup>	78	242	365	486	550 <sup>I</sup>	5022	3834	5044	4185	5050

**Table 1-1-a. Production, Trade and Consumption of All Timber by ITTO Consumers (1000 m<sup>3</sup>)**

Country	Product	Species	Production					Imports					Exports					Domestic Consumption				
			1998	1999	2000	2001	2002	1998	1999	2000	2001	2002	1998	1999	2000	2001	2002	1998	1999	2000	2001	2002
(Hong Kong S.A.R.)	Logs	All	5 <sup>1</sup>	5 <sup>1</sup>	5 <sup>1</sup>	5 <sup>1</sup>	5 <sup>1</sup>	500 <sup>1</sup>	1095 <sup>c</sup>	883 <sup>c</sup>	630 <sup>c</sup>	631 <sup>1</sup>	70 <sup>1</sup>	70 <sup>1</sup>	70 <sup>1</sup>	70 <sup>1</sup>	70 <sup>1</sup>	435	1030	817	565	566
		C	0 <sup>1</sup>	0 <sup>1</sup>	0 <sup>1</sup>	0 <sup>1</sup>	0 <sup>1</sup>	0 <sup>1</sup>	3 <sup>c</sup>	2 <sup>c</sup>	1 <sup>c</sup>	2 <sup>1</sup>	0 <sup>1</sup>	0 <sup>1</sup>	0 <sup>CR</sup>	0 <sup>CR</sup>	0 <sup>1</sup>	0	3	2	1	2
		NC	5 <sup>1</sup>	5 <sup>1</sup>	5 <sup>1</sup>	5 <sup>1</sup>	5 <sup>1</sup>	500 <sup>1</sup>	1092 <sup>c</sup>	881 <sup>c</sup>	629 <sup>c</sup>	629 <sup>1</sup>	70 <sup>1</sup>	70 <sup>1</sup>	70 <sup>1</sup>	70 <sup>1</sup>	70 <sup>1</sup>	435	1027	816	564	564
	Sawn	All	30 <sup>1</sup>	30 <sup>1</sup>	30 <sup>1</sup>	30 <sup>1</sup>	30 <sup>1</sup>	429 <sup>1</sup>	2257 <sup>c</sup>	1209 <sup>c</sup>	1162 <sup>c</sup>	771 <sup>1</sup>	2 <sup>1</sup>	9 <sup>1</sup>	0 <sup>1</sup>	0 <sup>1</sup>	0 <sup>1</sup>	457	2278	1239	1192	801
		C	0 <sup>1</sup>	0 <sup>1</sup>	0 <sup>1</sup>	0 <sup>1</sup>	0 <sup>1</sup>	0 <sup>1</sup>	272 <sup>c</sup>	112 <sup>c</sup>	174 <sup>c</sup>	143 <sup>1</sup>	0 <sup>c</sup>	7 <sup>c</sup>	0 <sup>c</sup>	0 <sup>c</sup>	0 <sup>1</sup>	0	265	112	174	143
		NC	30 <sup>1</sup>	30 <sup>1</sup>	30 <sup>1</sup>	30 <sup>1</sup>	30 <sup>1</sup>	429 <sup>1</sup>	1984 <sup>c</sup>	1097 <sup>c</sup>	988 <sup>c</sup>	628 <sup>1</sup>	2 <sup>1</sup>	1 <sup>1</sup>	0 <sup>1</sup>	0 <sup>1</sup>	0 <sup>1</sup>	457	2013	1127	1018	658
	Ven	All	20 <sup>1</sup>	20 <sup>1</sup>	20 <sup>1</sup>	20 <sup>1</sup>	20 <sup>1</sup>	0 <sup>CR</sup>	78 <sup>c</sup>	16 <sup>c</sup>	32 <sup>1</sup>	32 <sup>1</sup>	0 <sup>CR</sup>	76 <sup>c</sup>	16 <sup>c</sup>	16 <sup>1</sup>	16 <sup>1</sup>	20	22	20	36	36
		C	0 <sup>1</sup>	0 <sup>1</sup>	0 <sup>1</sup>	0 <sup>1</sup>	0 <sup>1</sup>	0 <sup>c</sup>	1 <sup>c</sup>	2 <sup>c</sup>	2 <sup>1</sup>	2 <sup>1</sup>	0 <sup>1</sup>	1 <sup>1</sup>	1 <sup>c</sup>	1 <sup>1</sup>	1 <sup>1</sup>	0	0	0	1	1
		NC	20 <sup>1</sup>	20 <sup>1</sup>	20 <sup>1</sup>	20 <sup>1</sup>	20 <sup>1</sup>	0 <sup>CR</sup>	76 <sup>c</sup>	14 <sup>c</sup>	30 <sup>1</sup>	30 <sup>1</sup>	0 <sup>CR</sup>	75 <sup>c</sup>	14 <sup>c</sup>	14 <sup>1</sup>	14 <sup>1</sup>	20	21	20	36	36
	Ply	All	30 <sup>1</sup>	30 <sup>1</sup>	30 <sup>1</sup>	30 <sup>1</sup>	30 <sup>1</sup>	19	113 <sup>1</sup>	408 <sup>c</sup>	408 <sup>1</sup>	408 <sup>1</sup>	6	60 <sup>c</sup>	60 <sup>1</sup>	55 <sup>1</sup>	60 <sup>1</sup>	44	84	378	383	378
		C	0 <sup>1</sup>	0 <sup>1</sup>	0 <sup>1</sup>	0 <sup>1</sup>	0 <sup>1</sup>	0 <sup>1</sup>	5 <sup>1</sup>	108 <sup>c</sup>	108 <sup>1</sup>	108 <sup>1</sup>	0 <sup>1</sup>	4 <sup>c</sup>	4 <sup>1</sup>	0 <sup>c</sup>	5 <sup>1</sup>	0	1	104	108	103
		NC	30 <sup>1</sup>	30 <sup>1</sup>	30 <sup>1</sup>	30 <sup>1</sup>	30 <sup>1</sup>	19 <sup>CA</sup>	108 <sup>c</sup>	300 <sup>1</sup>	300 <sup>1</sup>	300 <sup>1</sup>	6 <sup>c</sup>	55 <sup>c</sup>	55 <sup>1</sup>	55 <sup>1</sup>	55 <sup>1</sup>	44	83	275	275	275
(Macao S.A.R.)	Logs	All	1 <sup>1</sup>	1 <sup>1</sup>	1 <sup>1</sup>	1 <sup>1</sup>	1 <sup>1</sup>	6 <sup>c</sup>	5 <sup>c</sup>	4 <sup>c</sup>	4 <sup>1</sup>	4 <sup>1</sup>	0 <sup>CR</sup>	0 <sup>CR</sup>	0 <sup>CR</sup>	0 <sup>1</sup>	0 <sup>1</sup>	6	6	5	5	5
		C	0 <sup>1</sup>	0 <sup>1</sup>	0 <sup>1</sup>	0 <sup>1</sup>	0 <sup>1</sup>	4 <sup>c</sup>	4 <sup>c</sup>	3 <sup>c</sup>	3 <sup>1</sup>	3 <sup>1</sup>	0 <sup>c</sup>	0 <sup>c</sup>	0 <sup>c</sup>	0 <sup>1</sup>	0 <sup>1</sup>	4	4	3	3	3
		NC	1 <sup>1</sup>	1 <sup>1</sup>	1 <sup>1</sup>	1 <sup>1</sup>	1 <sup>1</sup>	1 <sup>c</sup>	1 <sup>c</sup>	1 <sup>c</sup>	1 <sup>1</sup>	1 <sup>1</sup>	0 <sup>CR</sup>	0 <sup>CR</sup>	0 <sup>CR</sup>	0 <sup>1</sup>	0 <sup>1</sup>	2	2	1	2	2
	Sawn	All	0 <sup>1</sup>	0 <sup>1</sup>	0 <sup>1</sup>	0 <sup>1</sup>	0 <sup>1</sup>	10 <sup>c</sup>	7 <sup>c</sup>	5 <sup>c</sup>	5 <sup>1</sup>	5 <sup>1</sup>	2 <sup>c</sup>	2 <sup>c</sup>	3 <sup>c</sup>	3 <sup>1</sup>	3 <sup>1</sup>	8	5	2	2	2
		C	0 <sup>1</sup>	0 <sup>1</sup>	0 <sup>1</sup>	0 <sup>1</sup>	0 <sup>1</sup>	0 <sup>CR</sup>	0 <sup>c</sup>	0 <sup>c</sup>	0 <sup>1</sup>	0 <sup>1</sup>	0 <sup>c</sup>	0 <sup>CR</sup>	0 <sup>c</sup>	0 <sup>1</sup>	0 <sup>1</sup>	0	0	0	0	0
		NC	0 <sup>1</sup>	0 <sup>1</sup>	0 <sup>1</sup>	0 <sup>1</sup>	0 <sup>1</sup>	10 <sup>c</sup>	7 <sup>c</sup>	5 <sup>c</sup>	5 <sup>1</sup>	5 <sup>1</sup>	2 <sup>c</sup>	2 <sup>c</sup>	3 <sup>c</sup>	3 <sup>1</sup>	3 <sup>1</sup>	8	5	2	2	2
	Ven	All	1 <sup>1</sup>	1 <sup>1</sup>	1 <sup>1</sup>	1 <sup>1</sup>	1 <sup>1</sup>	0 <sup>CR</sup>	0 <sup>c</sup>	0 <sup>c</sup>	0 <sup>1</sup>	0 <sup>1</sup>	0 <sup>CR</sup>	0 <sup>CR</sup>	0 <sup>CR</sup>	0 <sup>1</sup>	0 <sup>1</sup>	1	1	1	1	1
		C	0 <sup>1</sup>	0 <sup>1</sup>	0 <sup>1</sup>	0 <sup>1</sup>	0 <sup>1</sup>	0 <sup>1</sup>	0 <sup>c</sup>	0 <sup>c</sup>	0 <sup>1</sup>	0 <sup>1</sup>	0 <sup>c</sup>	0 <sup>c</sup>	0 <sup>c</sup>	0 <sup>1</sup>	0 <sup>1</sup>	0	0	0	0	0
		NC	1 <sup>1</sup>	1 <sup>1</sup>	1 <sup>1</sup>	1 <sup>1</sup>	1 <sup>1</sup>	0 <sup>CR</sup>	0 <sup>c</sup>	0 <sup>c</sup>	0 <sup>1</sup>	0 <sup>1</sup>	0 <sup>CR</sup>	0 <sup>CR</sup>	0 <sup>CR</sup>	0 <sup>1</sup>	0 <sup>1</sup>	1	1	1	1	1
	Ply	All	0 <sup>1</sup>	0 <sup>1</sup>	0 <sup>1</sup>	0 <sup>1</sup>	0 <sup>1</sup>	27 <sup>c</sup>	22 <sup>c</sup>	21 <sup>c</sup>	21 <sup>1</sup>	21 <sup>1</sup>	3 <sup>c</sup>	4 <sup>1</sup>	7 <sup>c</sup>	7 <sup>1</sup>	7 <sup>1</sup>	24	18	14	14	14
		C	0 <sup>1</sup>	0 <sup>1</sup>	0 <sup>1</sup>	0 <sup>1</sup>	0 <sup>1</sup>	6 <sup>c</sup>	3 <sup>c</sup>	5 <sup>c</sup>	5 <sup>1</sup>	5 <sup>1</sup>	2 <sup>c</sup>	3 <sup>1</sup>	5 <sup>c</sup>	5 <sup>1</sup>	5 <sup>1</sup>	4	0	0	0	0
		NC	0 <sup>1</sup>	0 <sup>1</sup>	0 <sup>1</sup>	0 <sup>1</sup>	0 <sup>1</sup>	21 <sup>c</sup>	19 <sup>c</sup>	16 <sup>c</sup>	16 <sup>1</sup>	16 <sup>1</sup>	2 <sup>c</sup>	1 <sup>c</sup>	2 <sup>c</sup>	2 <sup>1</sup>	2 <sup>1</sup>	20	18	14	14	14
(Taiwan Province of China)	Logs	All	36 <sup>1</sup>	36 <sup>1</sup>	36 <sup>1</sup>	49 <sup>*</sup>	49 <sup>*</sup>	1090 <sup>c</sup>	1078 <sup>c</sup>	1393 <sup>c</sup>	4736 <sup>c</sup>	1300 <sup>1</sup>	24 <sup>c</sup>	23 <sup>c</sup>	16 <sup>c</sup>	15 <sup>1</sup>	15 <sup>1</sup>	1102	1091	1413	4770	1334
		C	33 <sup>1</sup>	33 <sup>1</sup>	33 <sup>1</sup>	40 <sup>1</sup>	40 <sup>1</sup>	157 <sup>c</sup>	268 <sup>c</sup>	108 <sup>c</sup>	161 <sup>c</sup>	100 <sup>1</sup>	1 <sup>c</sup>	1 <sup>c</sup>	4 <sup>c</sup>	5 <sup>1</sup>	5 <sup>1</sup>	189	299	138	196	135
		NC	3 <sup>*</sup>	3 <sup>1</sup>	3 <sup>1</sup>	9 <sup>1</sup>	9 <sup>1</sup>	933 <sup>c</sup>	810 <sup>c</sup>	1284 <sup>c</sup>	4575 <sup>c</sup>	1200 <sup>1</sup>	24 <sup>c</sup>	22 <sup>c</sup>	12 <sup>c</sup>	10 <sup>1</sup>	10 <sup>1</sup>	912	791	1276	4574	1199
	Sawn	All	400 <sup>1</sup>	400 <sup>1</sup>	470 <sup>1</sup>	470 <sup>1</sup>	470 <sup>1</sup>	1009 <sup>c</sup>	1412 <sup>c</sup>	1211 <sup>c</sup>	838 <sup>c</sup>	810 <sup>*</sup>	102 <sup>c</sup>	101 <sup>c</sup>	52 <sup>c</sup>	37 <sup>*</sup>	40 <sup>*</sup>	1307	1710	1629	1271	1240
		C	50 <sup>*</sup>	50 <sup>1</sup>	70 <sup>1</sup>	70 <sup>1</sup>	70 <sup>1</sup>	433 <sup>c</sup>	980 <sup>c</sup>	639 <sup>c</sup>	409 <sup>c</sup>	450 <sup>*</sup>	21 <sup>c</sup>	20 <sup>c</sup>	19 <sup>c</sup>	18 <sup>*</sup>	20 <sup>*</sup>	462	1010	690	462	500
		NC	350 <sup>1</sup>	350 <sup>1</sup>	400 <sup>1</sup>	400 <sup>1</sup>	400 <sup>1</sup>	576 <sup>c</sup>	432 <sup>c</sup>	572 <sup>c</sup>	429 <sup>c</sup>	360 <sup>*</sup>	81 <sup>c</sup>	81 <sup>c</sup>	33 <sup>c</sup>	19 <sup>*</sup>	20 <sup>*</sup>	845	701	939	810	740
	Ven	All	100 <sup>1</sup>	100 <sup>1</sup>	120 <sup>1</sup>	120 <sup>1</sup>	120 <sup>1</sup>	150 <sup>c</sup>	165 <sup>c</sup>	159 <sup>c</sup>	182 <sup>1</sup>	195 <sup>1</sup>	5 <sup>c</sup>	7 <sup>c</sup>	5 <sup>c</sup>	10 <sup>1</sup>	10 <sup>1</sup>	245	257	275	292	305
		C	0 <sup>1</sup>	0 <sup>1</sup>	0 <sup>1</sup>	0 <sup>1</sup>	0 <sup>1</sup>	5 <sup>c</sup>	8 <sup>c</sup>	3 <sup>c</sup>	12 <sup>c</sup>	15 <sup>1</sup>	1 <sup>c</sup>	1 <sup>c</sup>	0 <sup>c</sup>	1 <sup>1</sup>	1 <sup>1</sup>	5	6	3	11	14
		NC	100 <sup>*</sup>	100 <sup>1</sup>	120 <sup>1</sup>	120 <sup>1</sup>	120 <sup>1</sup>	145 <sup>c</sup>	157 <sup>c</sup>	157 <sup>c</sup>	170 <sup>1</sup>	180 <sup>1</sup>	4 <sup>c</sup>	6 <sup>c</sup>	5 <sup>c</sup>	9 <sup>1</sup>	9 <sup>1</sup>	240	251	272	281	291
	Ply	All	820 <sup>*</sup>	826 <sup>1</sup>	809 <sup>1</sup>	810 <sup>1</sup>	810 <sup>1</sup>	964 <sup>1</sup>	650 <sup>c</sup>	668 <sup>c</sup>	608 <sup>1</sup>	600 <sup>1</sup>	52 <sup>c</sup>	89 <sup>c</sup>	62 <sup>c</sup>	81 <sup>1</sup>	87 <sup>1</sup>	1733	1388	1414	1337	1323
		C	0 <sup>1</sup>	0 <sup>1</sup>	9 <sup>*</sup>	10 <sup>*</sup>	10 <sup>*</sup>	40 <sup>1</sup>	34 <sup>c</sup>	36 <sup>c</sup>	63 <sup>*</sup>	60 <sup>*</sup>	14 <sup>c</sup>	14 <sup>c</sup>	9 <sup>c</sup>	6 <sup>*</sup>	7 <sup>*</sup>	27	20	36	67	63
		NC	820 <sup>*</sup>	826 <sup>1</sup>	800 <sup>*</sup>	800 <sup>1</sup>	800 <sup>1</sup>	924 <sup>c</sup>	616 <sup>c</sup>	632 <sup>c</sup>	545 <sup>1</sup>	540 <sup>1</sup>	38 <sup>c</sup>	74 <sup>c</sup>	53 <sup>c</sup>	75 <sup>1</sup>	80 <sup>1</sup>	1706	1368	1378	1270	1260

**Table 1-1-a. Production, Trade and Consumption of All Timber by ITTO Consumers (1000 m<sup>3</sup>)**

Country	Product	Species	Production					Imports					Exports					Domestic Consumption				
			1998	1999	2000	2001	2002	1998	1999	2000	2001	2002	1998	1999	2000	2001	2002	1998	1999	2000	2001	2002
Egypt	Logs	All	131 <sup>F</sup>	134 <sup>I</sup>	134 <sup>I</sup>	134 <sup>I</sup>	134 <sup>I</sup>	220 <sup>C</sup>	218 <sup>C</sup>	190 <sup>C</sup>	149 <sup>C</sup>	145 <sup>I</sup>	0	0 <sup>I</sup>	4	2	2 <sup>I</sup>	351	352	320	281	277
		C	0	0 <sup>I</sup>	0 <sup>I</sup>	0 <sup>I</sup>	0 <sup>I</sup>	184 <sup>C</sup>	197 <sup>C</sup>	170 <sup>C</sup>	128 <sup>C</sup>	125 <sup>I</sup>	0	0 <sup>I</sup>	2	1	1 <sup>I</sup>	184	197	168	127	124
		NC	131 <sup>F</sup>	134 <sup>I</sup>	134 <sup>I</sup>	134 <sup>I</sup>	134 <sup>I</sup>	36 <sup>C</sup>	21 <sup>C</sup>	20 <sup>C</sup>	21 <sup>C</sup>	20 <sup>I</sup>	0	0 <sup>I</sup>	2	1	1 <sup>I</sup>	167	155	152	154	153
	Sawn	All	3	4 <sup>I</sup>	4 <sup>I</sup>	0 <sup>*</sup>	0 <sup>*</sup>	2456	2600 <sup>F</sup>	2081 <sup>I</sup>	3019 <sup>I</sup>	2135 <sup>*</sup>	0	0 <sup>I</sup>	0	0 <sup>R</sup>	0 <sup>*</sup>	2459	2604	2085	3019	2135
		C	0	0 <sup>I</sup>	0 <sup>I</sup>	0 <sup>*</sup>	0 <sup>*</sup>	2237	2297 <sup>F</sup>	1902 <sup>C</sup>	2650 <sup>*</sup>	2000 <sup>*</sup>	0	0 <sup>I</sup>	0	0	0 <sup>*</sup>	2237	2297	1902	2650	2000
		NC	3	4 <sup>I</sup>	4 <sup>I</sup>	0 <sup>*</sup>	0 <sup>*</sup>	219	303 <sup>F</sup>	179	369	135 <sup>*</sup>	0	0 <sup>I</sup>	0	0 <sup>R</sup>	0 <sup>*</sup>	222	307	183	369	135
	Ven	All	12	22 <sup>I</sup>	22 <sup>I</sup>	22 <sup>I</sup>	22 <sup>I</sup>	32	27 <sup>I</sup>	35	55	55 <sup>I</sup>	0	0 <sup>I</sup>	0 <sup>R</sup>	14	0 <sup>I</sup>	44	49	57	63	77
		C	11	20 <sup>I</sup>	20 <sup>I</sup>	20 <sup>I</sup>	20 <sup>I</sup>	31	25 <sup>I</sup>	13	11	11 <sup>I</sup>	0	0 <sup>I</sup>	0 <sup>R</sup>	14	0 <sup>I</sup>	42	45	33	17	31
		NC	1	2 <sup>I</sup>	2 <sup>I</sup>	2 <sup>I</sup>	2 <sup>I</sup>	1	2 <sup>I</sup>	22	44	44 <sup>I</sup>	0	0 <sup>I</sup>	0	0 <sup>R</sup>	0 <sup>I</sup>	2	4	24	46	46
	Ply	All	60 <sup>I</sup>	85 <sup>I</sup>	85 <sup>I</sup>	85 <sup>I</sup>	85 <sup>I</sup>	204	151 <sup>I</sup>	105	161	161 <sup>I</sup>	0	0 <sup>I</sup>	0	0	0 <sup>I</sup>	264	236	190	246	246
		C	53 <sup>I</sup>	75 <sup>I</sup>	75 <sup>I</sup>	75 <sup>I</sup>	75 <sup>I</sup>	79	51 <sup>I</sup>	4	5	5 <sup>I</sup>	0	0 <sup>I</sup>	0	0	0 <sup>I</sup>	132	126	79	80	80
		NC	7	10 <sup>I</sup>	10 <sup>I</sup>	10 <sup>I</sup>	10 <sup>I</sup>	125	100 <sup>I</sup>	101	156	156 <sup>I</sup>	0	0 <sup>I</sup>	0	0	0 <sup>I</sup>	132	110	111	166	166
EU	Logs	All	225652	224200	257152	231527	224107	43921	47872	55287	51826	51632	13360	14057	17731	16409	13719	256213	258015	294709	266945	262020
		C	179371	177157	207702	184482	178355	19305	24303	29769	28901	29746	8657	8824	11458	10031	8720	190019	192637	226012	203352	199382
		NC	46281	47042	49451	47045	45752	24616	23569	25518	22926	21885	4703	5233	6272	6378	4999	66194	65378	68697	63592	62638
	Sawn	All	72672	75145	79186	77878	78066	39303	40707	42724	40054	38309	30205	31662	33846	32448	33771	81770	84190	88063	85485	82605
		C	65299	67212	71559	70655	71119	31356	32647	34509	32466	31403	28318	29213	31495	30323	31629	68337	70646	74573	72798	70893
		NC	7373	7933	7627	7224	6947	7947	8060	8215	7589	6906	1887	2449	2351	2125	2142	13432	13544	13490	12687	11711
	Ven	All	1414	1424	1343	1322	1291	871	896	845	826	845	444	430	506	512	495	1841	1891	1683	1636	1641
		C	388	362	285	278	321	179	255	163	178	181	129	113	156	152	146	438	504	292	304	356
		NC	1026	1063	1058	1044	970	692	641	683	649	664	315	317	350	361	349	1403	1386	1390	1332	1285
	Ply	All	3168	3219	3304	3157	3223	4702	4589	5012	5065	4702	2308	2532	2639	2447	2335	5562	5276	5677	5775	5589
		C	1482	1489	1441	1324	1335	2348	2101	2428	2330	2240	1091	1205	1336	1213	1169	2739	2385	2532	2440	2406
		NC	1686	1731	1863	1834	1888	2354	2489	2584	2735	2462	1217	1328	1303	1234	1167	2823	2891	3145	3335	3183
Austria	Logs	All	10858	10988	10415	10562	10700	5113 <sup>E</sup>	7093	8451 <sup>E</sup>	7631 <sup>E</sup>	7591 <sup>I</sup>	792 <sup>E</sup>	1040 <sup>C</sup>	924 <sup>E</sup>	1071 <sup>E</sup>	1053 <sup>I</sup>	15179	17042	17942	17122	17238
		C	10098	10186	9606	9695	9850	3959 <sup>E</sup>	5765	7020 <sup>E</sup>	6233 <sup>E</sup>	6192 <sup>I</sup>	575 <sup>E</sup>	622 <sup>C</sup>	463 <sup>E</sup>	596 <sup>E</sup>	598 <sup>I</sup>	13482	15329	16163	15333	15445
		NC	760	802	809	867	850	1154 <sup>E</sup>	1328	1431 <sup>E</sup>	1397 <sup>E</sup>	1398 <sup>I</sup>	217 <sup>E</sup>	417 <sup>C</sup>	461 <sup>E</sup>	475 <sup>E</sup>	455 <sup>I</sup>	1697	1713	1779	1789	1793
	Sawn	All	8737	9628	10367	10227	10340	1040	1623	1663 <sup>E</sup>	1592 <sup>E</sup>	1500 <sup>I</sup>	4864	5895	6356 <sup>E</sup>	6285 <sup>E</sup>	6180	4913	5356	5674	5534	5660
		C	8534	9400	10157	10011	10100	841	1286	1306 <sup>E</sup>	1276 <sup>E</sup>	1200 <sup>I</sup>	4753 <sup>I</sup>	5652	6147 <sup>E</sup>	6083 <sup>E</sup>	6000	4622	5034	5316	5204	5300
		NC	203	228	210	216	240	199	337	357 <sup>E</sup>	316 <sup>E</sup>	300 <sup>I</sup>	111 <sup>I</sup>	243	209 <sup>E</sup>	202 <sup>E</sup>	180	291	322	358	330	360
	Ven	All	10 <sup>E</sup>	23 <sup>E</sup>	23 <sup>E</sup>	23 <sup>E</sup>	23 <sup>I</sup>	20 <sup>E</sup>	18	24 <sup>E</sup>	28 <sup>E</sup>	23	13 <sup>E</sup>	14	16 <sup>E</sup>	22 <sup>E</sup>	20	17	27	31	29	26
		C	10 <sup>E</sup>	23 <sup>E</sup>	23 <sup>E</sup>	23 <sup>E</sup>	23 <sup>I</sup>	6 <sup>W</sup>	3	5 <sup>I</sup>	6 <sup>I</sup>	3 <sup>I</sup>	3 <sup>W</sup>	2	2 <sup>I</sup>	3 <sup>I</sup>	2 <sup>I</sup>	13	24	26	26	24
		NC	0 <sup>E</sup>	0 <sup>E</sup>	0 <sup>E</sup>	0 <sup>E</sup>	0 <sup>I</sup>	14 <sup>I</sup>	15	19 <sup>I</sup>	22 <sup>I</sup>	20 <sup>I</sup>	10 <sup>E</sup>	12	14 <sup>I</sup>	19 <sup>I</sup>	18 <sup>I</sup>	4	3	5	3	2
	Ply	All	150	155 <sup>E</sup>	155 <sup>E</sup>	186 <sup>E</sup>	186 <sup>I</sup>	121	136	151 <sup>E</sup>	150 <sup>E</sup>	130	179	192	245 <sup>E</sup>	297 <sup>E</sup>	240	92	98	61	39	76
		C	150 <sup>I</sup>	155 <sup>E</sup>	155 <sup>E</sup>	186 <sup>I</sup>	186 <sup>I</sup>	58	70	84 <sup>I</sup>	75 <sup>I</sup>	60 <sup>I</sup>	153	154	204 <sup>I</sup>	227 <sup>I</sup>	210 <sup>I</sup>	55	71	35	34	36
		NC	0 <sup>I</sup>	0 <sup>E</sup>	0 <sup>E</sup>	0 <sup>E</sup>	0 <sup>I</sup>	63	66	67 <sup>I</sup>	75 <sup>I</sup>	70 <sup>I</sup>	26	38	41 <sup>I</sup>	70 <sup>I</sup>	30 <sup>I</sup>	37	28	26	5	40

**Table 1-1-a. Production, Trade and Consumption of All Timber by ITTO Consumers (1000 m<sup>3</sup>)**

Country	Product	Species	Production					Imports					Exports					Domestic Consumption				
			1998	1999	2000	2001	2002	1998	1999	2000	2001	2002	1998	1999	2000	2001	2002	1998	1999	2000	2001	2002
Belgium/ Luxembourg	Logs	All	4287	--	--	--	--	2760	--	--	--	--	1123 <sup>E</sup>	--	--	--	--	5924	--	--	--	--
		C	3287	--	--	--	--	710	--	--	--	--	750 <sup>E</sup>	--	--	--	--	3247	--	--	--	--
		NC	1000	--	--	--	--	2050	--	--	--	--	373 <sup>E</sup>	--	--	--	--	2677	--	--	--	--
	Sawn	All	1270 <sup>E</sup>	--	--	--	--	2400	--	--	--	--	600	--	--	--	--	3070	--	--	--	--
		C	1000 <sup>E</sup>	--	--	--	--	1500	--	--	--	--	400	--	--	--	--	2100	--	--	--	--
		NC	270	--	--	--	--	900	--	--	--	--	200	--	--	--	--	970	--	--	--	--
	Ven	All	46 <sup>E</sup>	--	--	--	--	65	--	--	--	--	39	--	--	--	--	72	--	--	--	--
		C	5 <sup>I</sup>	--	--	--	--	5	--	--	--	--	5	--	--	--	--	13	--	--	--	--
		NC	41 <sup>I</sup>	--	--	--	--	52	--	--	--	--	34	--	--	--	--	59	--	--	--	--
	Ply	All	60 <sup>E</sup>	--	--	--	--	519	--	--	--	--	355	--	--	--	--	224	--	--	--	--
		C	20 <sup>I</sup>	--	--	--	--	173	--	--	--	--	57	--	--	--	--	136	--	--	--	--
		NC	40 <sup>I</sup>	--	--	--	--	346	--	--	--	--	298	--	--	--	--	88	--	--	--	--
Belgium	Logs	All	--	3850 <sup>E</sup>	3960	3640 <sup>E</sup>	3675	--	3393	3992 <sup>C</sup>	3914 <sup>E</sup>	3425	--	1246 <sup>C</sup>	1169 <sup>C</sup>	819 <sup>E</sup>	990	--	5997	6783	6735	6110
		C	--	3100	2780	2760 <sup>E</sup>	2875	--	1092	1759 <sup>C</sup>	1794 <sup>E</sup>	1125	--	859 <sup>C</sup>	844 <sup>C</sup>	550 <sup>C</sup>	610	--	3333	3696	4003	3390
		NC	--	750 <sup>E</sup>	1180	880 <sup>E</sup>	800	--	2301	2233 <sup>C</sup>	2121 <sup>E</sup>	2300	--	387 <sup>C</sup>	325 <sup>C</sup>	269 <sup>E</sup>	380	--	2664	3088	2731	2720
	Sawn	All	--	1056	1150 <sup>E</sup>	1310 <sup>E</sup>	1175	--	2167	2223 <sup>C</sup>	1950 <sup>E</sup>	1625	--	999	1025	726	610	--	2224	2349	2534	2190
		C	--	892	950 <sup>E</sup>	1075 <sup>E</sup>	975	--	1453	1568 <sup>C</sup>	1368 <sup>E</sup>	1175	--	602	678	465	400	--	1743	1841	1978	1750
		NC	--	164	200 <sup>E</sup>	235	200	--	714	655 <sup>C</sup>	582 <sup>E</sup>	450	--	397	347	261	210	--	481	508	556	440
	Ven	All	--	45 <sup>E</sup>	50 <sup>E</sup>	50 <sup>E</sup>	40	--	58 <sup>E</sup>	43 <sup>C</sup>	48	40	--	23 <sup>E</sup>	23 <sup>C</sup>	32	25	--	80	70	66	55
		C	--	0	0 <sup>E</sup>	0 <sup>E</sup>	0 <sup>I</sup>	--	9 <sup>E</sup>	8 <sup>C</sup>	10 <sup>I</sup>	10 <sup>I</sup>	--	1 <sup>I</sup>	1 <sup>C</sup>	2 <sup>I</sup>	2 <sup>I</sup>	--	8	7	8	8
		NC	--	45 <sup>E</sup>	50 <sup>E</sup>	50 <sup>E</sup>	40 <sup>I</sup>	--	49 <sup>E</sup>	35 <sup>C</sup>	38 <sup>I</sup>	30 <sup>I</sup>	--	22 <sup>I</sup>	22 <sup>C</sup>	30 <sup>I</sup>	23 <sup>I</sup>	--	72	63	58	47
	Ply	All	--	59 <sup>E</sup>	35 <sup>E</sup>	35 <sup>E</sup>	30	--	530	534 <sup>C</sup>	520	450	--	403 <sup>E</sup>	380 <sup>C</sup>	373	310	--	186	189	182	170
		C	--	1 <sup>E</sup>	1 <sup>E</sup>	1 <sup>E</sup>	1 <sup>I</sup>	--	164	180 <sup>C</sup>	175 <sup>I</sup>	150 <sup>I</sup>	--	89 <sup>E</sup>	95 <sup>C</sup>	93	70 <sup>I</sup>	--	75	85	83	81
		NC	--	59 <sup>E</sup>	35 <sup>E</sup>	35 <sup>E</sup>	29 <sup>I</sup>	--	366	354 <sup>C</sup>	345 <sup>I</sup>	300 <sup>I</sup>	--	314 <sup>E</sup>	285 <sup>C</sup>	280	240 <sup>I</sup>	--	111	104	100	89
Denmark	Logs	All	1046 <sup>E</sup>	1215 <sup>E</sup>	2491 <sup>E</sup>	1241 <sup>E</sup>	1241 <sup>I</sup>	729	664	530	502 <sup>E</sup>	502 <sup>I</sup>	279	289	876	762 <sup>E</sup>	762 <sup>I</sup>	1496	1590	2145	981	981
		C	754	915	2191 <sup>E</sup>	931 <sup>E</sup>	932 <sup>I</sup>	242	252	162	177 <sup>E</sup>	177 <sup>I</sup>	145	124	706	550 <sup>E</sup>	550 <sup>I</sup>	851	1043	1647	558	559
		NC	292 <sup>E</sup>	300 <sup>E</sup>	300 <sup>E</sup>	309 <sup>E</sup>	309 <sup>I</sup>	487	412	368	325	325 <sup>I</sup>	134	165	170	212 <sup>E</sup>	212 <sup>I</sup>	645	547	498	422	422
	Sawn	All	238	344	364	281	281 <sup>I</sup>	4383	4744	3477	4191 <sup>E</sup>	4191 <sup>I</sup>	352	175	117	105 <sup>E</sup>	105 <sup>I</sup>	4269	4913	3724	4367	4367
		C	191	297	327	238	238 <sup>I</sup>	4046	4569	3346	4005	4005 <sup>I</sup>	227	114	102	85 <sup>E</sup>	85 <sup>I</sup>	4010	4752	3571	4158	4158
		NC	47	47	37	43	43 <sup>I</sup>	337	175	131	186 <sup>E</sup>	186 <sup>I</sup>	125	61	15	20	20 <sup>I</sup>	259	161	153	209	209
	Ven	All	11	12	30	1	1 <sup>I</sup>	65	149	40	35 <sup>I</sup>	35 <sup>I</sup>	7	22	7	8	8 <sup>I</sup>	69	139	63	28	28
		C	1	0	0	0	0 <sup>I</sup>	11	104	6	14	14 <sup>I</sup>	0	3	1	0	0 <sup>I</sup>	12	101	5	14	14
		NC	10	12	30	1	1 <sup>I</sup>	54	45	34	21 <sup>I</sup>	21 <sup>I</sup>	7	19	6	8	8 <sup>I</sup>	57	38	58	14	14
	Ply	All	14	15	16	108	108 <sup>I</sup>	302	222	247	261 <sup>E</sup>	261 <sup>I</sup>	99 <sup>E</sup>	69	41	50	50 <sup>I</sup>	217	168	222	319	319
		C	12	13	15	13	13 <sup>I</sup>	192	129	158	154 <sup>I</sup>	154 <sup>I</sup>	55 <sup>E</sup>	20	30	37	37 <sup>I</sup>	149	122	143	130	130
		NC	2	2	1	95	95 <sup>I</sup>	110	93	89	107	107 <sup>I</sup>	44 <sup>E</sup>	49	11	13	13 <sup>I</sup>	68	46	79	189	189

**Table 1-1-a. Production, Trade and Consumption of All Timber by ITTO Consumers (1000 m<sup>3</sup>)**

Country	Product	Species	Production					Imports					Exports					Domestic Consumption				
			1998	1999	2000	2001	2002	1998	1999	2000	2001	2002	1998	1999	2000	2001	2002	1998	1999	2000	2001	2002
Finland	Logs	All	49541	49593	50147	47727	45363	9234	10160	9875	11869	13550	711	758	501 <sup>E</sup>	397	420	58064	58995	59521	59199	58493
		C	43632	43732	44369	41729	39794	3108	3899	4168	5259	7400	692	743	482 <sup>E</sup>	380	400	46048	46888	48055	46608	46794
		NC	5909	5861	5778	5998	5569	6126	6261	5707	6611	6150	19	15	19 <sup>E</sup>	17	20	12016	12107	11466	12591	11699
	Sawn	All	12300	12768	13420	12770	12900	220	289	341	280	275	8227	8292	8431	8135	8222	4293	4765	5330	4915	4953
		C	12240	12708	13320	12670	12800	151	221	263	205	200	8204	8269	8405	8114	8200	4187	4660	5178	4762	4800
		NC	60	60	100	100	100	69	68	78	75	75	23	23	26	22	22	106	105	153	153	153
	Ven	All	83 <sup>I</sup>	74	84 <sup>I</sup>	90 <sup>I</sup>	90 <sup>I</sup>	6	9	7	14	14	85	80	90	97	97	4	3	1	8	8
		C	73 <sup>I</sup>	68 <sup>I</sup>	78 <sup>I</sup>	85 <sup>I</sup>	85 <sup>I</sup>	0 <sup>R</sup>	0	0 <sup>R</sup>	0	0 <sup>I</sup>	73	68	77	83	83 <sup>I</sup>	0	0	1	3	3
		NC	10 <sup>I</sup>	6 <sup>I</sup>	6 <sup>I</sup>	5 <sup>I</sup>	5 <sup>I</sup>	6	9	7	14	14 <sup>I</sup>	12	12	13	14	14 <sup>I</sup>	4	3	0	5	5
	Ply	All	992	1076	1170 <sup>E</sup>	1140 <sup>E</sup>	1200	26	23	33	60	60	832	939	1006	1009	1040	186	160	197	190	220
		C	454	578	620 <sup>I</sup>	610 <sup>I</sup>	630 <sup>I</sup>	5	3	2	3	3 <sup>I</sup>	383	510	546	520	550 <sup>I</sup>	76	71	76	93	83
		NC	538	498	550 <sup>I</sup>	530 <sup>I</sup>	570 <sup>I</sup>	21	20	31	56	56 <sup>I</sup>	449	429	460	489	490 <sup>I</sup>	110	89	121	97	136
France	Logs	All	32718	33237	43440	36765	30450	1900	2136 <sup>E</sup>	2056	2012	1545	2368	3093 <sup>E</sup>	5810	5859	3277	32250	32280	39686	32918	28718
		C	19627	19916	28500	23983	18170	411	528 <sup>E</sup>	646	764	667	626	927 <sup>E</sup>	2779	2962	1685	19412	19517	26367	21785	17152
		NC	13091	13321	14940	12782	12280	1489	1608 <sup>E</sup>	1410	1248	878	1742	2166 <sup>E</sup>	3031	2897	1592	12838	12763	13319	11133	11566
	Sawn	All	10220 <sup>E</sup>	10236	10536	10165	10000	2766	3166 <sup>E</sup>	3341	3030	2849	1044	1248 <sup>E</sup>	1386	1312	1333	11942	12154	12491	11883	11516
		C	7197 <sup>E</sup>	7257	7568	7547	7500	2237	2446 <sup>E</sup>	2682	2369	2344	511	529 <sup>E</sup>	724	726	767	8923	9174	9525	9190	9077
		NC	3023 <sup>E</sup>	2979	2968	2618	2500	529	720 <sup>E</sup>	659	661	505	533	719 <sup>E</sup>	661	586	566	3019	2980	2966	2693	2439
	Ven	All	149	150 <sup>E</sup>	151 <sup>E</sup>	133	133	102	91	101	116	129	69	62	77	72	72	182	180	175	177	190
		C	54 <sup>I</sup>	45 <sup>I</sup>	40 <sup>I</sup>	30 <sup>I</sup>	30 <sup>I</sup>	55	48	49	49	56 <sup>I</sup>	9	3	4	5	5 <sup>I</sup>	100	91	85	73	81
		NC	95 <sup>I</sup>	105 <sup>I</sup>	111 <sup>I</sup>	103 <sup>I</sup>	103 <sup>I</sup>	47	43	52	67	73 <sup>I</sup>	60	59	73	67	67 <sup>I</sup>	82	89	90	104	109
	Ply	All	541 <sup>E</sup>	546	558	508	503	359 <sup>E</sup>	365	348	356	340	222	243	231	200	183	678	668	675	664	660
		C	142 <sup>I</sup>	145	148	120	120 <sup>I</sup>	145	162	135	136 <sup>I</sup>	130 <sup>I</sup>	92	114	93	75	63 <sup>I</sup>	195	193	190	181	187
		NC	399 <sup>I</sup>	401	410	388	383 <sup>I</sup>	214 <sup>I</sup>	203	213	220	210 <sup>I</sup>	130	129	138	125	120 <sup>I</sup>	483	475	485	483	473
Germany	Logs	All	36441	35063	51088	36504	36792	2255	2722	3549	3209	3530	4871	4552	5558	4258	4292	33825	33233	49079	35455	36030
		C	28118	26410	41774	27084	27295	1859	2446	2953	2817	3099	3710	3343	4083	2832	2855	26267	25513	40644	27069	27539
		NC	8323	8653	9314	9420	9497	396	276	596	392	431	1161	1209	1475	1426	1437	7558	7720	8435	8386	8491
	Sawn	All	14972	16110 <sup>E</sup>	16340	16131	15720	6076	5514	6344	4848	4700	2669	2385	3911	3526	4300	18379	19239	18773	17453	16120
		C	13807	14537	15020	14889	14600	5301	4705	5522	4032	4000	2223	1891	3295	2931	3650	16885	17351	17247	15990	14950
		NC	1165	1573 <sup>E</sup>	1320	1242	1120	775	809	822	816	700	446	494	616	595	650	1494	1888	1526	1463	1170
	Ven	All	392 <sup>E</sup>	392 <sup>E</sup>	392 <sup>E</sup>	392 <sup>E</sup>	392 <sup>E</sup>	210	177	187	179	170	120	113	127	130	125	482	456	452	441	437
		C	72 <sup>I</sup>	72 <sup>I</sup>	72 <sup>I</sup>	72 <sup>I</sup>	72 <sup>I</sup>	12	14	12	19 <sup>I</sup>	10 <sup>I</sup>	4	3	2	5 <sup>I</sup>	2 <sup>I</sup>	80	83	82	86	80
		NC	320 <sup>I</sup>	320 <sup>I</sup>	320 <sup>I</sup>	320 <sup>I</sup>	320 <sup>I</sup>	198	163	175	160 <sup>I</sup>	160 <sup>I</sup>	116	110	125	125 <sup>I</sup>	123 <sup>I</sup>	402	373	370	355	357
	Ply	All	428	364	357	203	198	1105	1021 <sup>E</sup>	1149 <sup>E</sup>	999	899	166	160 <sup>EI</sup>	210	162	140	1367	1225	1296	1040	957
		C	378 <sup>I</sup>	280 <sup>I</sup>	277 <sup>I</sup>	171 <sup>I</sup>	160 <sup>I</sup>	700	660 <sup>I</sup>	729 <sup>I</sup>	640 <sup>I</sup>	600 <sup>I</sup>	85	95 <sup>I</sup>	130 <sup>I</sup>	110 <sup>I</sup>	105 <sup>I</sup>	993	845	876	701	655
		NC	50 <sup>I</sup>	84 <sup>I</sup>	80 <sup>I</sup>	32 <sup>I</sup>	38 <sup>I</sup>	405	361 <sup>I</sup>	420 <sup>I</sup>	359 <sup>I</sup>	299 <sup>I</sup>	81	65 <sup>I</sup>	80 <sup>I</sup>	52 <sup>I</sup>	35 <sup>I</sup>	374	380	420	339	302

**Table 1-1-a. Production, Trade and Consumption of All Timber by ITTO Consumers (1000 m<sup>3</sup>)**

Country	Product	Species	Production					Imports					Exports					Domestic Consumption				
			1998	1999	2000	2001	2002	1998	1999	2000	2001	2002	1998	1999	2000	2001	2002	1998	1999	2000	2001	2002
Greece	Logs	All	495	811	643 <sup>E</sup>	523	498	283	292	444 <sup>E</sup>	944 <sup>E</sup>	944 <sup>I</sup>	3	3	3	3 <sup>E</sup>	3 <sup>I</sup>	775	1099	1084	1464	1439
		C	324	448	411 <sup>E</sup>	332	313	107	111	301 <sup>E</sup>	634 <sup>E</sup>	634 <sup>I</sup>	0	0 <sup>R</sup>	0 <sup>R</sup>	0 <sup>E</sup>	0 <sup>I</sup>	431	558	711	965	947
		NC	171	363	232 <sup>E</sup>	191	185	176	181	143 <sup>E</sup>	310 <sup>E</sup>	310 <sup>I</sup>	3	3	3	3 <sup>E</sup>	3 <sup>I</sup>	344	541	373	499	492
	Sawn	All	137	140	123 <sup>E</sup>	123 <sup>E</sup>	123 <sup>E</sup>	881	893 <sup>E</sup>	701 <sup>E</sup>	657 <sup>E</sup>	657 <sup>I</sup>	106	110	108	103 <sup>E</sup>	103 <sup>E</sup>	912	923	716	678	677
		C	85	87	71 <sup>E</sup>	71 <sup>E</sup>	71 <sup>I</sup>	577	580	538 <sup>E</sup>	495 <sup>E</sup>	495 <sup>I</sup>	5	5	5	0	0 <sup>E</sup>	657	661	604	566	566
		NC	52	53	52 <sup>E</sup>	52 <sup>E</sup>	52 <sup>E</sup>	304	313	162 <sup>E</sup>	162 <sup>E</sup>	162 <sup>I</sup>	101	105	103	103 <sup>E</sup>	103 <sup>E</sup>	255	261	112	112	111
	Ven	All	6	7	7 <sup>E</sup>	7 <sup>E</sup>	7 <sup>E</sup>	11	11 <sup>C</sup>	11 <sup>E</sup>	11 <sup>E</sup>	11 <sup>I</sup>	1	1	1 <sup>E</sup>	1 <sup>E</sup>	1 <sup>E</sup>	16	17	16	16	17
		C	0	0	0 <sup>E</sup>	0 <sup>E</sup>	0 <sup>E</sup>	2	0 <sup>R</sup>	0 <sup>E</sup>	0 <sup>E</sup>	0 <sup>I</sup>	0	0 <sup>R</sup>	0 <sup>E</sup>	0 <sup>ER</sup>	0 <sup>E</sup>	2	0	0	0	0
		NC	6	7	7 <sup>E</sup>	7 <sup>E</sup>	7 <sup>E</sup>	9	11 <sup>C</sup>	11 <sup>E</sup>	11 <sup>E</sup>	11 <sup>I</sup>	1	1	1 <sup>E</sup>	1 <sup>E</sup>	1 <sup>E</sup>	14	17	16	16	17
	Ply	All	32	34	34 <sup>E</sup>	34 <sup>E</sup>	34 <sup>E</sup>	15	15	25 <sup>E</sup>	30 <sup>E</sup>	30 <sup>I</sup>	18	18	19 <sup>E</sup>	19 <sup>E</sup>	19 <sup>E</sup>	29	31	41	46	46
		C	0	0	0 <sup>E</sup>	0 <sup>E</sup>	0 <sup>E</sup>	9	9	14 <sup>I</sup>	17 <sup>I</sup>	17 <sup>I</sup>	0	0 <sup>R</sup>	0 <sup>E</sup>	0 <sup>E</sup>	0 <sup>E</sup>	9	9	14	17	17
		NC	32	34	34 <sup>E</sup>	34 <sup>E</sup>	34 <sup>E</sup>	6	6	11 <sup>I</sup>	13 <sup>I</sup>	13 <sup>I</sup>	18	18	18 <sup>E</sup>	18 <sup>E</sup>	18 <sup>E</sup>	20	22	27	29	29
Ireland	Logs	All	2193	2520	2600	2423	2367 <sup>I</sup>	112	320	113 <sup>C</sup>	99 <sup>E</sup>	99 <sup>I</sup>	91	176	42 <sup>E</sup>	51 <sup>E</sup>	51 <sup>I</sup>	2214	2664	2672	2471	2415
		C	2158	2485	2581	2412	2350 <sup>I</sup>	65	289	80 <sup>C</sup>	62 <sup>E</sup>	62 <sup>I</sup>	90	175	41 <sup>E</sup>	50 <sup>E</sup>	50 <sup>I</sup>	2133	2599	2620	2424	2362
		NC	35	35	19	11	17 <sup>I</sup>	47	31	33 <sup>C</sup>	37 <sup>E</sup>	37 <sup>I</sup>	1	1	1 <sup>E</sup>	1 <sup>I</sup>	1 <sup>I</sup>	81	65	51	47	53
	Sawn	All	675	811	888	925	945	590	570	646 <sup>C</sup>	721 <sup>E</sup>	680	128	234	274 <sup>C</sup>	194 <sup>E</sup>	278	1137	1147	1260	1452	1347
		C	665	804	886	920	940	434	429	525 <sup>C</sup>	564 <sup>E</sup>	530	121	227	266 <sup>C</sup>	186 <sup>E</sup>	270	978	1006	1145	1298	1200
		NC	10	7	2	6	5	156	141	121 <sup>C</sup>	157 <sup>E</sup>	150	7	7	8 <sup>C</sup>	8 <sup>E</sup>	8	159	141	115	155	147
	Ven	All	10 <sup>I</sup>	3 <sup>I</sup>	0	0	0	9	5	4 <sup>E</sup>	3 <sup>E</sup>	5 <sup>E</sup>	0	1	0 <sup>E</sup>	1 <sup>E</sup>	1 <sup>E</sup>	19	7	4	2	4
		C	0	0	0	0	0 <sup>I</sup>	5	3	2 <sup>E</sup>	1 <sup>E</sup>	3 <sup>I</sup>	0 <sup>R</sup>	0 <sup>R</sup>	0 <sup>E</sup>	0 <sup>E</sup>	0 <sup>I</sup>	5	3	2	1	3
		NC	10 <sup>I</sup>	3 <sup>I</sup>	0	0	0 <sup>I</sup>	4	2	2 <sup>E</sup>	2 <sup>E</sup>	2 <sup>I</sup>	0 <sup>R</sup>	1	0 <sup>C</sup>	1 <sup>C</sup>	1 <sup>I</sup>	14	4	2	1	1
	Ply	All	0	0	0	0	0	104	142	137 <sup>E</sup>	157 <sup>E</sup>	157 <sup>I</sup>	20	2	2 <sup>E</sup>	2 <sup>E</sup>	2 <sup>E</sup>	84	140	135	155	155
		C	0	0	0	0	0 <sup>I</sup>	67	76	79 <sup>I</sup>	90 <sup>I</sup>	90 <sup>I</sup>	18	1	1 <sup>E</sup>	1 <sup>E</sup>	1 <sup>I</sup>	49	75	78	89	89
		NC	0	0	0	0	0 <sup>I</sup>	37	67	58 <sup>I</sup>	67 <sup>I</sup>	67 <sup>I</sup>	2	1	1 <sup>E</sup>	1 <sup>E</sup>	1 <sup>I</sup>	35	66	57	66	66
Italy	Logs	All	4367	4213	3649	2939	3370	5120 <sup>C</sup>	4952	5805	5211	4870	13 <sup>C</sup>	15	24	23	15	9474	9150	9430	8127	8225
		C	1086	1156	1098	1072	1110	2177 <sup>C</sup>	2093	2585	2287	2140	4 <sup>C</sup>	3	4	3	2	3259	3246	3679	3356	3248
		NC	3281	3057	2551	1867	2260	2943 <sup>C</sup>	2859	3220	2924	2730	9 <sup>C</sup>	12	20	20	13	6215	5904	5751	4771	4977
	Sawn	All	1600 <sup>E</sup>	1630	1630	1600	1605	7295 <sup>E</sup>	7605	8380	7785	7250	174 <sup>E</sup>	212	208	197	255	8721	9023	9802	9188	8600
		C	700 <sup>E</sup>	730	730	700	715	5274 <sup>E</sup>	5551	6304	5948	5540	49 <sup>E</sup>	51	41	50	45	5925	6230	6993	6598	6210
		NC	900 <sup>E</sup>	900	900	900	890	2021 <sup>E</sup>	2054	2076	1837	1710	125 <sup>E</sup>	161	167	147	210	2796	2793	2809	2590	2390
	Ven	All	500 <sup>E</sup>	450	450	480	470	183	175	199	174	170	28 <sup>C</sup>	22	28	25	26	655	603	621	629	614
		C	80 <sup>I</sup>	70 <sup>I</sup>	10	10	60 <sup>I</sup>	13	12	10	7	7	3 <sup>C</sup>	1	3	3	4 <sup>I</sup>	90	81	17	14	63
		NC	420 <sup>I</sup>	380 <sup>I</sup>	440	470	410 <sup>I</sup>	170	163	189	167	163	25 <sup>C</sup>	21	25	22	22	565	522	604	615	551
	Ply	All	420	450	450	418	450	420 <sup>E</sup>	367	422	425	370	139 <sup>E</sup>	139	146	82	120	701	678	726	761	700
		C	100 <sup>I</sup>	100 <sup>I</sup>	10	10	20 <sup>I</sup>	240 <sup>I</sup>	160	175	167	145	83 <sup>I</sup>	51	48	16	20 <sup>I</sup>	257	209	137	161	145
		NC	320 <sup>I</sup>	350 <sup>I</sup>	440	408	430 <sup>I</sup>	180 <sup>I</sup>	207	247	258	225	56 <sup>I</sup>	88	98	66	100	444	469	589	600	555

**Table 1-1-a. Production, Trade and Consumption of All Timber by ITTO Consumers (1000 m<sup>3</sup>)**

Country	Product	Species	Production					Imports					Exports					Domestic Consumption				
			1998	1999	2000	2001	2002	1998	1999	2000	2001	2002	1998	1999	2000	2001	2002	1998	1999	2000	2001	2002
Luxembourg	Logs	All	--	242 <sup>E</sup>	242 <sup>E</sup>	242 <sup>E</sup>	242 <sup>I</sup>	--	458	753 <sup>E</sup>	678 <sup>E</sup>	678 <sup>I</sup>	--	291	219 <sup>E</sup>	200 <sup>E</sup>	200 <sup>I</sup>	--	409	776	719	720
		C	--	120 <sup>E</sup>	120 <sup>E</sup>	120 <sup>E</sup>	120 <sup>I</sup>	--	451	687 <sup>E</sup>	628 <sup>E</sup>	628 <sup>I</sup>	--	227	154 <sup>E</sup>	150 <sup>E</sup>	150 <sup>I</sup>	--	345	653	598	598
		NC	--	121 <sup>E</sup>	121 <sup>E</sup>	121 <sup>E</sup>	121 <sup>I</sup>	--	7	66 <sup>C</sup>	50 <sup>E</sup>	50 <sup>I</sup>	--	64	65 <sup>E</sup>	50 <sup>E</sup>	50 <sup>I</sup>	--	65	123	121	121
	Sawn	All	--	133	133 <sup>E</sup>	133 <sup>E</sup>	133 <sup>I</sup>	--	74	63 <sup>E</sup>	69 <sup>E</sup>	69 <sup>I</sup>	--	50	33 <sup>E</sup>	28 <sup>E</sup>	28 <sup>I</sup>	--	158	163	174	174
		C	--	113	113 <sup>E</sup>	113 <sup>E</sup>	113 <sup>I</sup>	--	58	49 <sup>E</sup>	48 <sup>E</sup>	48 <sup>I</sup>	--	42	33 <sup>E</sup>	28 <sup>E</sup>	28 <sup>I</sup>	--	129	130	134	133
		NC	--	20	20 <sup>E</sup>	20 <sup>E</sup>	20 <sup>I</sup>	--	16	14 <sup>E</sup>	21 <sup>E</sup>	21 <sup>I</sup>	--	7	0 <sup>CR</sup>	0 <sup>E</sup>	0 <sup>I</sup>	--	29	34	41	41
	Ven	All	--	0	0 <sup>I</sup>	0 <sup>I</sup>	0 <sup>I</sup>	--	0 <sup>R</sup>	0 <sup>R</sup>	0 <sup>E</sup>	0 <sup>I</sup>	--	0 <sup>R</sup>	0 <sup>E</sup>	0 <sup>E</sup>	0 <sup>I</sup>	--	0	0	0	0
		C	--	0	0 <sup>I</sup>	0 <sup>I</sup>	0 <sup>I</sup>	--	0 <sup>R</sup>	0 <sup>R</sup>	0 <sup>E</sup>	0 <sup>I</sup>	--	0 <sup>R</sup>	0 <sup>E</sup>	0 <sup>E</sup>	0 <sup>I</sup>	--	0	0	0	0
		NC	--	0	0 <sup>I</sup>	0 <sup>I</sup>	0 <sup>I</sup>	--	0 <sup>R</sup>	0 <sup>R</sup>	0 <sup>E</sup>	0 <sup>I</sup>	--	0	0 <sup>E</sup>	0 <sup>E</sup>	0 <sup>I</sup>	--	0	0	0	0
	Ply	All	--	0	0 <sup>I</sup>	0 <sup>I</sup>	0 <sup>I</sup>	--	8	12 <sup>E</sup>	14 <sup>E</sup>	14 <sup>I</sup>	--	0 <sup>R</sup>	0 <sup>E</sup>	0 <sup>E</sup>	0 <sup>I</sup>	--	7	12	14	14
		C	--	0	0 <sup>I</sup>	0 <sup>I</sup>	0 <sup>I</sup>	--	4	8 <sup>E</sup>	10 <sup>E</sup>	10 <sup>I</sup>	--	0 <sup>R</sup>	0 <sup>E</sup>	0 <sup>E</sup>	0 <sup>I</sup>	--	4	8	10	10
		NC	--	0	0 <sup>I</sup>	0 <sup>I</sup>	0 <sup>I</sup>	--	4	4 <sup>E</sup>	4 <sup>E</sup>	4 <sup>I</sup>	--	0 <sup>R</sup>	0 <sup>E</sup>	0 <sup>E</sup>	0 <sup>I</sup>	--	4	4	4	4
Netherlands	Logs	All	873	882	879	729	692	526 <sup>E</sup>	428 <sup>E</sup>	383	435	414	300	262	219	416	394	1099	1048	1043	748	712
		C	647	651	645	544	516	292 <sup>E</sup>	203 <sup>E</sup>	152	265	252	233	160	142	332	315	706	693	656	477	453
		NC	226	231	234	185	176	234 <sup>E</sup>	226 <sup>E</sup>	231	170	162	67	102	78	83	79	393	354	387	272	259
	Sawn	All	349	362	389	268	255	3534 <sup>E</sup>	3606 <sup>E</sup>	3705	3294	3129	402	415 <sup>E</sup>	381	305	288	3481	3553	3714	3258	3096
		C	196	203	247	168	160	2926 <sup>E</sup>	2915 <sup>E</sup>	2957	2669	2535	265	271 <sup>E</sup>	269	211	200	2857	2847	2934	2626	2495
		NC	153	159	143	100	95	608 <sup>E</sup>	691 <sup>E</sup>	748	625	594	137	144 <sup>E</sup>	111	93	88	624	706	779	631	601
	Ven	All	17	19	19 <sup>E</sup>	18	18	29	24	22	16	23	17	15	14	17	16	29	28	27	17	25
		C	0	0	0 <sup>E</sup>	0	0	8	9	11	7 <sup>I</sup>	11	2	1	1	0	0	6	8	10	7	11
		NC	17	19	19 <sup>E</sup>	18	18	21	15	12	9 <sup>I</sup>	12	15	14	13	16	16	23	19	17	11	14
	Ply	All	5	3	3 <sup>E</sup>	2	2	528	558	594	600	571	56	52	55	57	54	477	509	542	546	519
		C	0	0	0 <sup>E</sup>	0	0	245	243	274	288	274	18	13	15	18	17	227	230	260	270	257
		NC	5	3	3 <sup>E</sup>	2	2	283	315	320	313	297	38	38	40	39	37	250	280	283	276	262
Portugal	Logs	All	7948	8378	10231	10662	9920	2122	1432	1064	846	849	572	543	542	760	607	9498	9267	10753	10748	10162
		C	4184	4180	4982	4970	4470	167	118	118	126	120	95	127	127	116	115	4256	4171	4973	4980	4475
		NC	3764	4198	5249	5692	5450	1955	1314	946	720	729	477	416	415	644	492	5242	5095	5780	5768	5687
	Sawn	All	1490	1430	1427	1410	1274	231	273	297	238	249	429	338	283	266	239	1292	1365	1441	1382	1284
		C	1120	1080	1020	987	857	44	50	45	47	51	416	325	272	258	224	748	806	793	776	684
		NC	370	350	407	423	417	187	223	252	190	198	13	14	12	7	15	544	559	647	606	600
	Ven	All	45 <sup>I</sup>	45 <sup>I</sup>	45	41	40	14	16	32	18 <sup>I</sup>	39	17	13	53	42	37	42	48	23	17	42
		C	40 <sup>I</sup>	40 <sup>I</sup>	40	36	35 <sup>I</sup>	3	3	6	5	7	13	10	44	34	28	30	33	2	7	14
		NC	5 <sup>I</sup>	5 <sup>I</sup>	5	5	5 <sup>I</sup>	11	13	26	13 <sup>I</sup>	32	4	3	10	8	9	12	15	21	11	28
	Ply	All	25	26	31	32	32	15	19	30	27	20	5	4	5	5	8	35	41	56	53	44
		C	10	10	3	5	5 <sup>I</sup>	6	6	5	7	7	4	3	4	5	3 <sup>I</sup>	12	13	3	7	9
		NC	15	16	28	27	27 <sup>I</sup>	9	14	25	19	13	1	1	0	1	5 <sup>I</sup>	23	29	53	46	35

**Table 1-1-a. Production, Trade and Consumption of All Timber by ITTO Consumers (1000 m<sup>3</sup>)**

Country	Product	Species	Production					Imports					Exports					Domestic Consumption				
			1998	1999	2000	2001	2002	1998	1999	2000	2001	2002	1998	1999	2000	2001	2002	1998	1999	2000	2001	2002
Spain	Logs	All	13164	13160	12721 <sup>E</sup>	13276 <sup>E</sup>	11727	4136	3228	5701	4127	4225	603 <sup>C</sup>	321	285	383	370	16697	16066	18137	17020	15582
		C	7503	7460	7794	8276 <sup>E</sup>	7270	906	807	1401	1554	1500	339 <sup>C</sup>	206	202	222	220	8070	8061	8993	9608	8550
		NC	5661	5700	4927 <sup>E</sup>	5000 <sup>E</sup>	4457	3230	2421	4300	2573	2725	264 <sup>C</sup>	116	83	161	150	8627	8005	9144	7412	7032
	Sawn	All	3178	3102 <sup>E</sup>	3760 <sup>E</sup>	4185 <sup>E</sup>	4075	2661 <sup>C</sup>	2842	3232 <sup>C</sup>	3214	2875	79 <sup>C</sup>	80	91 <sup>C</sup>	128	100	5760	5865	6900	7271	6850
		C	2437	2080 <sup>E</sup>	2800 <sup>E</sup>	3220	3100	1401 <sup>C</sup>	1641	1908 <sup>C</sup>	2103	1900	47 <sup>C</sup>	40	51 <sup>C</sup>	83	60	3791	3682	4657	5240	4940
		NC	741	1022 <sup>E</sup>	960 <sup>E</sup>	965 <sup>E</sup>	975	1260 <sup>C</sup>	1201	1323 <sup>C</sup>	1111	975	32 <sup>C</sup>	40	40 <sup>C</sup>	45	40	1968	2183	2243	2031	1910
	Ven	All	95	186	75 <sup>E</sup>	70	70	85	88	104 <sup>C</sup>	121	125	26 <sup>C</sup>	30	36 <sup>C</sup>	45	40	154	244	143	146	155
		C	15 <sup>I</sup>	36 <sup>I</sup>	15 <sup>I</sup>	15 <sup>I</sup>	15 <sup>I</sup>	18	20	22 <sup>C</sup>	31 <sup>I</sup>	35 <sup>I</sup>	6 <sup>C</sup>	5	6 <sup>C</sup>	5 <sup>I</sup>	5 <sup>I</sup>	27	51	31	41	45
		NC	80 <sup>I</sup>	150 <sup>I</sup>	60 <sup>I</sup>	55 <sup>I</sup>	55 <sup>I</sup>	67	68	82 <sup>C</sup>	90 <sup>I</sup>	90 <sup>I</sup>	20 <sup>C</sup>	25	30 <sup>C</sup>	40 <sup>I</sup>	35 <sup>I</sup>	127	193	112	105	110
	Ply	All	382	382	380 <sup>E</sup>	380	380	71	59 <sup>C</sup>	111 <sup>E</sup>	166 <sup>E</sup>	120	107 <sup>C</sup>	220	203 <sup>E</sup>	86	80	346	221	288	460	420
		C	100 <sup>I</sup>	100 <sup>I</sup>	100 <sup>I</sup>	100 <sup>I</sup>	100 <sup>I</sup>	42	20 <sup>C</sup>	44 <sup>E</sup>	36 <sup>E</sup>	80 <sup>I</sup>	56 <sup>C</sup>	83	100 <sup>E</sup>	41 <sup>I</sup>	35 <sup>I</sup>	86	37	44	95	145
		NC	282 <sup>I</sup>	282 <sup>I</sup>	280 <sup>I</sup>	280 <sup>I</sup>	280 <sup>I</sup>	29	39 <sup>C</sup>	66 <sup>E</sup>	130 <sup>E</sup>	40 <sup>I</sup>	51 <sup>C</sup>	137 <sup>E</sup>	103 <sup>E</sup>	45 <sup>I</sup>	45 <sup>I</sup>	260	184	243	365	275
Sweden	Logs	All	54700	52800	57400	56920 <sup>E</sup>	59700	9172	10280	12282	10003	9070	1420	1315	1431	1302	1175	62452	61765	68251	65621	67595
		C	51436	49620	54060	53630 <sup>E</sup>	56350	5040	6083	7549	6047	5500	1394	1295	1397	1273	1150	55082	54408	60212	58404	60700
		NC	3264	3180	3340	3290 <sup>E</sup>	3350	4132	4197	4733	3956	3570	26	20	34	29	25	7370	7357	8039	7217	6895
	Sawn	All	15124	14858	16176 <sup>E</sup>	15810 <sup>E</sup>	16700	257	232	348	309	380	10996	11082	11048	10924	11520	4385	4008	5476	5195	5560
		C	14874	14608	15970 <sup>E</sup>	15600 <sup>E</sup>	16500	134	138	188	155	200	10975	11060	11022	10900	11500	4033	3686	5136	4855	5200
		NC	250	250	206 <sup>E</sup>	210	200	123	94	160	154	180	21	22	26	24	20	352	322	340	340	360
	Ven	All	50	17	17 <sup>E</sup>	17	7	26	35	33	29	30	14	15	15	15	17	62	37	35	31	20
		C	38	7	7 <sup>I</sup>	7	1 <sup>I</sup>	13	13	16	13	14 <sup>I</sup>	10	11	10	10 <sup>I</sup>	12 <sup>I</sup>	41	10	13	10	3
		NC	12	10	10 <sup>I</sup>	10	6 <sup>I</sup>	13	21	17	16	16 <sup>I</sup>	4	4	5	5 <sup>I</sup>	5 <sup>I</sup>	21	27	22	21	17
	Ply	All	114	105	110 <sup>E</sup>	106	100	148	152	178	157	140	91	64	63	55	40	171	193	225	208	200
		C	114	105	110 <sup>I</sup>	106	100 <sup>I</sup>	67	76	89 <sup>E</sup>	79 <sup>E</sup>	70 <sup>I</sup>	74	52	50 <sup>E</sup>	44 <sup>I</sup>	32 <sup>I</sup>	107	129	149	141	138
		NC	0	0	0	0	0 <sup>I</sup>	81	76	89 <sup>E</sup>	79 <sup>E</sup>	70 <sup>I</sup>	17	13	13 <sup>E</sup>	11 <sup>I</sup>	8 <sup>I</sup>	64	64	76	68	62
U.K.	Logs	All	7021	7248	7247 <sup>E</sup>	7375	7370	459	314	289	347	340	214	152	129	105	110	7266	7410	7408	7617	7600
		C	6517	6778	6791 <sup>E</sup>	6944	6940	262	166	188	255	250	4	12	35	14	20	6775	6932	6944	7185	7170
		NC	504	470	456 <sup>E</sup>	431	430	197	148	101	92	90	210	140	94	90	90	491	478	463	433	430
	Sawn	All	2382	2537	2482	2540	2540	6969	7108	7963	7876	7880	135	147	195	215	210	9216	9498	10250	10202	10210
		C	2253	2416	2380	2446	2450	6490	6604	7308	7180	7180	122	135	185	203	200	8621	8885	9503	9423	9430
		NC	129	121	102	94	90	479	504	655	696	700	13	12	10	12	10	595	613	747	778	780
	Ven	All	0	0	0	0	0	46	40	38	34	30	8	18	17	6	10	38	22	21	28	20
		C	0	0	0	0	0	20	16	16	16	10 <sup>I</sup>	1	5	4	1	3 <sup>I</sup>	19	11	11	14	7
		NC	0	0	0	0	0	26	24	22	18	20 <sup>I</sup>	7	13 <sup>E</sup>	13	5	7 <sup>I</sup>	19	11	9	14	13
	Ply	All	5	5	5	5	0	969	971	1041	1143	1140	19	27	34	50	50	955	949	1012	1099	1091
		C	2	2	2	2	0	399	319 <sup>I</sup>	451	453	450 <sup>I</sup>	13	19	19	26	26 <sup>I</sup>	388	302	434	430	425
		NC	3	3	3	3	0	570	652 <sup>I</sup>	590	690	690 <sup>I</sup>	6	8	15	24	24 <sup>I</sup>	567	647	578	669	666

**Table 1-1-a. Production, Trade and Consumption of All Timber by ITTO Consumers (1000 m<sup>3</sup>)**

Country	Product	Species	Production					Imports					Exports					Domestic Consumption				
			1998	1999	2000	2001	2002	1998	1999	2000	2001	2002	1998	1999	2000	2001	2002	1998	1999	2000	2001	2002
Japan	Logs	All	19316	18737	17987	15774	15774	15189	16551	15949	13911	13117	2	2	3	2	3	34503	35286	33933	29683	28888
		C	15214	15026	14520	12846	12846	11351	12528	12241	11293	10096	1	2	3	2	3	26564	27552	26758	24137	22939
		NC	4102	3711	3467	2928	2928	3838	4023	3708	2618	3021	1	0 <sup>R</sup>	0 <sup>R</sup>	0 <sup>R</sup>	0 <sup>R</sup>	7939	7734	7175	5546	5949
	Sawn	All	18625	17952	17094	15485	14222	7539	9434	9951	8980	8032	14	6	7	10	8	26150	27380	27038	24455	22246
		C	17788	17270	16479	14974	13710	6639	8372	8806	8027	7212	2	2	3	4	2	24425	25640	25282	22997	20920
		NC	837	682	615	511	512	900	1062	1145	953	820	12	4	4	6	6	1725	1740	1756	1458	1326
	Ven	All	116 <sup>I</sup>	116 <sup>I</sup>	116 <sup>I</sup>	116 <sup>I</sup>	116 <sup>I</sup>	101	112	117	110	93	9	10	7	7	7	208	218	226	219	202
		C	24 <sup>I</sup>	24 <sup>I</sup>	24 <sup>I</sup>	24 <sup>I</sup>	24 <sup>I</sup>	22	27	29	17	12	0 <sup>R</sup>	0 <sup>R</sup>	0	0	1	46	51	53	41	35
		NC	92 <sup>I</sup>	92 <sup>I</sup>	92 <sup>I</sup>	92 <sup>I</sup>	92 <sup>I</sup>	79	85	88	93	81	9	10	7	7	6	162	167	173	178	167
	Ply	All	3267	3261	3218	2771	2599	3938	4888	5033	5021	4721	8	9	7	13	8	7197	8140	8244	7779	7312
		C	1206	1355	1520	1598	1252	306	424	404	367	291	3	2	3	9	2	1509	1777	1921	1956	1541
		NC	2061	1906	1698	1173	1347	3632	4464	4629	4654	4430	5	7	4	4	6	5688	6363	6323	5823	5771
Nepal	Logs	All	1318	1318 <sup>I</sup>	1318 <sup>I</sup>	1318 <sup>I</sup>	1318 <sup>I</sup>	3	0	0	0 <sup>I</sup>	0 <sup>I</sup>	0 <sup>I</sup>	0	0	0 <sup>I</sup>	0 <sup>I</sup>	1321	1318	1318	1318	1318
		C	58	58 <sup>I</sup>	58 <sup>I</sup>	58 <sup>I</sup>	58 <sup>I</sup>	0	0	0	0 <sup>I</sup>	0 <sup>I</sup>	0 <sup>I</sup>	0	0	0 <sup>I</sup>	0 <sup>I</sup>	58	58	58	58	58
		NC	1260	1260 <sup>I</sup>	1260 <sup>I</sup>	1260 <sup>I</sup>	1260 <sup>I</sup>	3	0	0	0 <sup>I</sup>	0 <sup>I</sup>	0 <sup>I</sup>	0	0	0 <sup>I</sup>	0 <sup>I</sup>	1263	1260	1260	1260	1260
	Sawn	All	630	630 <sup>I</sup>	630 <sup>I</sup>	630 <sup>I</sup>	630 <sup>I</sup>	3	0 <sup>CR</sup>	0 <sup>CR</sup>	0 <sup>I</sup>	0 <sup>I</sup>	0 <sup>I</sup>	0	0	0 <sup>I</sup>	0 <sup>I</sup>	633	630	630	630	630
		C	20	20 <sup>I</sup>	20 <sup>I</sup>	20 <sup>I</sup>	20 <sup>I</sup>	0	0	0 <sup>R</sup>	0 <sup>I</sup>	0 <sup>I</sup>	0 <sup>I</sup>	0	0	0 <sup>I</sup>	0 <sup>I</sup>	20	20	20	20	20
		NC	610	610 <sup>I</sup>	610 <sup>I</sup>	610 <sup>I</sup>	610 <sup>I</sup>	3	0 <sup>CR</sup>	0 <sup>CR</sup>	0 <sup>I</sup>	0 <sup>I</sup>	0 <sup>I</sup>	0	0	0 <sup>I</sup>	0 <sup>I</sup>	613	610	610	610	610
	Ven	All	0	0 <sup>I</sup>	0 <sup>I</sup>	0 <sup>I</sup>	0 <sup>I</sup>	0	0 <sup>CR</sup>	0 <sup>CR</sup>	0 <sup>I</sup>	0 <sup>I</sup>	0 <sup>I</sup>	0 <sup>CR</sup>	0	0 <sup>I</sup>	0 <sup>I</sup>	0	0	0	0	0
		C	0	0 <sup>I</sup>	0 <sup>I</sup>	0 <sup>I</sup>	0 <sup>I</sup>	0	0 <sup>CR</sup>	0 <sup>C</sup>	0 <sup>I</sup>	0 <sup>I</sup>	0 <sup>I</sup>	0 <sup>CR</sup>	0	0 <sup>I</sup>	0 <sup>I</sup>	0	0	0	0	0
		NC	0	0 <sup>I</sup>	0 <sup>I</sup>	0 <sup>I</sup>	0 <sup>I</sup>	0	0 <sup>CR</sup>	0 <sup>CR</sup>	0 <sup>I</sup>	0 <sup>I</sup>	0 <sup>I</sup>	0 <sup>CR</sup>	0	0 <sup>I</sup>	0 <sup>I</sup>	0	0	0	0	0
	Ply	All	5	5 <sup>I</sup>	5 <sup>I</sup>	5 <sup>I</sup>	5 <sup>I</sup>	2	0 <sup>CR</sup>	0 <sup>C</sup>	0 <sup>I</sup>	0 <sup>I</sup>	0 <sup>I</sup>	0 <sup>CR</sup>	0	0 <sup>I</sup>	0 <sup>I</sup>	7	5	5	5	5
		C	5 <sup>I</sup>	5 <sup>I</sup>	5 <sup>I</sup>	5 <sup>I</sup>	5 <sup>I</sup>	0	0 <sup>CR</sup>	0 <sup>C</sup>	0 <sup>I</sup>	0 <sup>I</sup>	0 <sup>I</sup>	0 <sup>CR</sup>	0	0 <sup>I</sup>	0 <sup>I</sup>	5	5	5	5	5
		NC	0 <sup>I</sup>	0 <sup>I</sup>	0 <sup>I</sup>	0 <sup>I</sup>	0 <sup>I</sup>	2	0 <sup>CR</sup>	0 <sup>C</sup>	0 <sup>I</sup>	0 <sup>I</sup>	0 <sup>I</sup>	0 <sup>CR</sup>	0	0 <sup>I</sup>	0 <sup>I</sup>	2	0	0	0	0
New Zealand	Logs	All	15452 <sup>I</sup>	17686	19279	20523	21875	4	3	5	6	6	4324	5804	5908	7283	7994	11132	11885	13376	13246	13887
		C	15252	17480	19005	20273	21656	0	2	0 <sup>R</sup>	0 <sup>R</sup>	0 <sup>R</sup>	4324	5802	5902	7283	7989	10928	11680	13104	12990	13667
		NC	200 <sup>I</sup>	206	274	250	219	4	1	5	6	6	0	2	7	0	5	204	205	273	256	220
	Sawn	All	3178	3653	3910	3807	4077	30	29	36	32	32	1187	1375	1522	1614	1759	2021	2307	2425	2225	2350
		C	3168	3643	3897	3793	4062	16	16	20	11	11	1186	1373	1520	1612	1741	1998	2285	2397	2192	2332
		NC	10	10	13	14	15	14	13	17	21	21	1	1	2	2	18	23	22	28	33	18
	Ven	All	262	361	399	409	445 <sup>I</sup>	1	2	1	1	1	5	17	20	36	38	258	345	380	374	408
		C	262	361	399	409	444	0 <sup>R</sup>	1	0 <sup>R</sup>	0 <sup>R</sup>	0 <sup>R</sup>	5	17	20	36	38	257	345	379	373	406
		NC	0	0	0	0	1 <sup>I</sup>	1	1	1	1	1	0	1	0	0	0	1	0	1	1	2
	Ply	All	178	230	248	260	280	7	6	9	8	8	101	114	98	101	107	84	122	159	167	181
		C	178	230	248	260	280	3	3	0 <sup>R</sup>	0 <sup>R</sup>	0 <sup>R</sup>	101	114	96	100	107	80	118	152	160	173
		NC	0	0	0	0	0	4	3	9	8	8	0	0 <sup>R</sup>	2	0	0	4	3	7	8	8

**Table 1-1-a. Production, Trade and Consumption of All Timber by ITTO Consumers (1000 m<sup>3</sup>)**

Country	Product	Species	Production					Imports					Exports					Domestic Consumption				
			1998	1999	2000	2001	2002	1998	1999	2000	2001	2002	1998	1999	2000	2001	2002	1998	1999	2000	2001	2002
Norway	Logs	All	7670	7706	7478	7688 <sup>E</sup>	7227	3494	3037	3315	2815	2380	469	583	514	476	489	10695	10160	10279	10027	9118
		C	7508	7606	7417	7635 <sup>E</sup>	7181	2735	2443	2684	2336	2000	459	571	510	467	480	9784	9478	9591	9504	8701
		NC	162	100	61	53	46	759	594	631	479	380	10	12	4	9	9 <sup>I</sup>	911	682	688	523	417
	Sawn	All	2545	2336	2280	2253	2213	971	839	945	1067	1070 <sup>E</sup>	692	763	679	599	669	2824	2412	2546	2721	2614
		C	2525	2336	2267	2240	2200	918	775	879	987	990 <sup>E</sup>	691	755	653	593	663	2752	2356	2493	2634	2527
		NC	20	0	13	13	13	53	64	66	80	80 <sup>E</sup>	1	8	26	6	6 <sup>E</sup>	72	56	53	87	87
	Ven	All	0	0 <sup>I</sup>	0	0	0	8	8	7	9	9 <sup>E</sup>	0 <sup>R</sup>	0 <sup>R</sup>	0 <sup>R</sup>	0 <sup>R</sup>	0 <sup>E</sup>	8	8	7	9	9
		C	0	0 <sup>I</sup>	0	0	0	2	2	2	2	2 <sup>I</sup>	0 <sup>R</sup>	0 <sup>R</sup>	0	0	0 <sup>I</sup>	2	2	2	2	2
		NC	0	0 <sup>I</sup>	0	0	0	6	6	5	7	7 <sup>I</sup>	0 <sup>R</sup>	0 <sup>R</sup>	0 <sup>R</sup>	0 <sup>R</sup>	0 <sup>I</sup>	6	6	5	7	7
	Ply	All	20	28	28 <sup>E</sup>	28 <sup>E</sup>	28 <sup>E</sup>	51	45	47	50	50 <sup>E</sup>	2	1	1	2	2 <sup>E</sup>	69	72	74	76	76
		C	18 <sup>I</sup>	24 <sup>I</sup>	28 <sup>E</sup>	28 <sup>E</sup>	28 <sup>E</sup>	27	23	24	22	22 <sup>I</sup>	1	0 <sup>R</sup>	0	0	0 <sup>I</sup>	44	47	52	50	50
		NC	2 <sup>I</sup>	4 <sup>I</sup>	0 <sup>E</sup>	0 <sup>E</sup>	0 <sup>E</sup>	24	22	23	28	28 <sup>I</sup>	1	1	1	2	2 <sup>I</sup>	25	25	22	26	26
Rep. of Korea	Logs	All	1428	1694	1592	1533	1550 <sup>+</sup>	5210 <sup>C</sup>	6623	6734	7118	7250 <sup>+</sup>	0 <sup>R</sup>	1 <sup>C</sup>	1	0 <sup>R</sup>	0 <sup>R</sup>	6638	8316	8325	8651	8800
		C	1057	1152	745	1091	1000 <sup>+</sup>	4274 <sup>C</sup>	5516	5763	6347	6700 <sup>+</sup>	0 <sup>R</sup>	0 <sup>CR</sup>	0 <sup>R</sup>	0 <sup>R</sup>	0 <sup>R</sup>	5331	6668	6508	7438	7700
		NC	371	542	847	442	550 <sup>+</sup>	935 <sup>C</sup>	1107	971	771	550 <sup>+</sup>	0 <sup>R</sup>	1 <sup>C</sup>	0 <sup>R</sup>	0 <sup>R</sup>	0 <sup>R</sup>	1306	1648	1818	1213	1100
	Sawn	All	2240	4300	4544 <sup>I</sup>	4420 <sup>+</sup>	4708 <sup>+</sup>	480	697	729	761	900 <sup>I</sup>	7	7	17	20	15 <sup>+</sup>	2713	4990	5256	5161	5593
		C	1900	3648	4044 <sup>+</sup>	4330 <sup>+</sup>	4620 <sup>+</sup>	135	253	235	247	330 <sup>+</sup>	5	6	11	11	10 <sup>+</sup>	2030	3895	4268	4566	4940
		NC	340	652	500 <sup>I</sup>	90 <sup>+</sup>	88 <sup>+</sup>	345	444	494	514	570 <sup>I</sup>	2	1	6	9	5 <sup>+</sup>	683	1095	988	595	653
	Ven	All	700 <sup>I</sup>	700 <sup>I</sup>	722	651	651	131	121	246	335	335	1	0 <sup>C</sup>	5	5	7	830	821	963	981	979
		C	380 <sup>I</sup>	380 <sup>I</sup>	450	431	431	25	15	15	12	12	0	0 <sup>CR</sup>	3	2	2	405	395	462	441	441
		NC	320 <sup>I</sup>	320 <sup>I</sup>	272	220	220	106	106	231	323	323	1	0 <sup>CR</sup>	2	3	5	425	426	501	540	538
	Ply	All	641	774	817	801	801	494	750	980	1095	1095	144	130	93	70	70	991	1394	1704	1826	1826
		C	70 <sup>I</sup>	100 <sup>I</sup>	438	450	450	29 <sup>I</sup>	30 <sup>I</sup>	37	41	41	68 <sup>I</sup>	26 <sup>C</sup>	11	13	13	31	104	464	478	478
		NC	571 <sup>I</sup>	674 <sup>I</sup>	379	351	351	465 <sup>I</sup>	720 <sup>I</sup>	943	1054	1054	76 <sup>I</sup>	104 <sup>C</sup>	82	57	57	960	1290	1240	1348	1348
Switzerland	Logs	All	3845	3756	7612	4540	3700	298	373	298	210	205	1006	1220	3754	1735	1235	3137	2908	4156	3015	2670
		C	3165	3080	6793	3957	3100	130	160	116	94	100	720	916	3407	1530	1030	2575	2324	3502	2521	2170
		NC	680	676	819	583	600	168	212	183	116	105	286	304	348	205	205	562	584	654	494	500
	Sawn	All	1400 <sup>E</sup>	1525	1625	1465	1400	529	448	453	412	370	175	172	193	160	170	1754	1800	1886	1717	1600
		C	1200 <sup>E</sup>	1300	1425	1315	1250	420	363	368	345	300	119	112	134	119	120	1501	1551	1659	1541	1430
		NC	200 <sup>E</sup>	225	200	150	150	109	85	86	67	70	56	60	59	41	50	253	249	227	176	170
	Ven	All	30	30	30	19	15	5	5	4	5	10	13	12	13	10	10	22	23	21	14	15
		C	25 <sup>I</sup>	0	0	0 <sup>I</sup>	0	5	1	1	1	3 <sup>I</sup>	13	1	1	1	1 <sup>I</sup>	17	0	0	0	2
		NC	5 <sup>I</sup>	30	30	19 <sup>I</sup>	15	0	4	4	4	7 <sup>I</sup>	0	11	12	9	9 <sup>I</sup>	5	23	22	14	13
	Ply	All	3	3	3	3	3	143	150	153	143	150	6	7	4	4	3	140	146	151	141	150
		C	2 <sup>I</sup>	0	0	0	0	143	99	103	95	100 <sup>I</sup>	6	1	1	1	1 <sup>I</sup>	139	98	102	95	99
		NC	1 <sup>I</sup>	3	3	3	3	0	51	50	47	50 <sup>I</sup>	0	6	4	4	2 <sup>I</sup>	1	48	49	47	51

**Table 1-1-a. Production, Trade and Consumption of All Timber by ITTO Consumers (1000 m<sup>3</sup>)**

Country	Product	Species	Production					Imports					Exports					Domestic Consumption				
			1998	1999	2000	2001	2002	1998	1999	2000	2001	2002	1998	1999	2000	2001	2002	1998	1999	2000	2001	2002
U.S.A.	Logs	All	422034	425659	427654	408290	408290	4911 <sup>E</sup>	1422 <sup>E</sup>	7038	7306	7300 <sup>I</sup>	12290	11739	11952	11412	8374 <sup>I</sup>	414655	415342	422740	404184	407216
		C	275021	276687	278882	270393	270393	4607 <sup>E</sup>	1152 <sup>E</sup>	6722	6975	6975 <sup>I</sup>	10321	9718	9358	8702	6530 <sup>I</sup>	269307	268121	276246	268666	270839
		NC	147013	148972	148772	137897	137897	304 <sup>E</sup>	270 <sup>E</sup>	316	331	325 <sup>I</sup>	1969	2021	2594	2710	1845 <sup>I</sup>	145348	147221	146494	135518	136378
	Sawn	All	88991 <sup>E</sup>	92615 <sup>E</sup>	91076	87335 <sup>E</sup>	86712	45001	33770 <sup>E</sup>	34391 <sup>E</sup>	35550	34966	5388	6146	5129	4336	4940	128604	120239	120338	118549	116738
		C	58948 <sup>E</sup>	62343 <sup>E</sup>	61144	59350 <sup>E</sup>	59412	43704	32274 <sup>E</sup>	32709 <sup>E</sup>	34126	33066	2886	3336	2179 <sup>E</sup>	1701	1729	99766	91281	91674	91775	90749
		NC	30043 <sup>E</sup>	30272	29932	27985 <sup>E</sup>	27300	1297 <sup>E</sup>	1496	1682	1424	1900	2502	2810	2950	2635	3211	28838	28958	28664	26774	25989
	Ven	All	260 <sup>I</sup>	175 <sup>I</sup>	100 <sup>E</sup>	100 <sup>E</sup>	100 <sup>E</sup>	503	365	403	418	445	581	311	327	307	315	182	230	176	211	230
		C	10 <sup>I</sup>	5 <sup>I</sup>	0 <sup>E</sup>	0 <sup>E</sup>	0 <sup>I</sup>	109	147	173	198 <sup>I</sup>	200 <sup>I</sup>	38	29	31	23 <sup>I</sup>	25 <sup>I</sup>	81	123	142	175	175
		NC	250 <sup>I</sup>	170 <sup>I</sup>	100 <sup>E</sup>	100 <sup>E</sup>	100 <sup>I</sup>	394	218	230	220 <sup>I</sup>	245 <sup>I</sup>	543	282	296	284	290 <sup>I</sup>	101	107	34	36	55
	Ply	All	15732	17551	17271	15424	15002	2240	2494	2435	2396	2287	833	712	715	639	622	17139	19333	18991	17181	16667
		C	14200 <sup>I</sup>	15767	15465	13824 <sup>I</sup>	13800 <sup>I</sup>	186	530	487	398 <sup>I</sup>	380 <sup>I</sup>	707	565	567	500 <sup>I</sup>	490 <sup>I</sup>	13679	15732	15385	13722	13690
		NC	1532 <sup>I</sup>	1784	1806	1600 <sup>I</sup>	1202 <sup>I</sup>	2054 <sup>E</sup>	1964	1948	1998 <sup>I</sup>	1907 <sup>I</sup>	126	147	148	139 <sup>I</sup>	132 <sup>I</sup>	3460	3601	3606	3459	2977
Consumers Total	Logs	All	947585	960289	984819	933152	918019	86627	94542	111232	112802	114854	33994	36604	44008	41559	36265	1000217	1018227	1052044	1004396	996607
		C	684341	700603	724617	688441	675703	49649	55540	68516	70387	75928	26590	28603	34193	31746	28762	707400	727540	758940	727082	722869
		NC	263244	259685	260202	244711	242316	36977	39002	42716	42415	38926	7404	8000	9815	9813	7504	292817	290687	293103	277314	273738
	Sawn	All	259486	268322	264811	257769	255442	101623	97320	100165	97947	94942	73233	76835	78567	76153	75881	287876	288808	286409	279563	274502
		C	210742	219386	220079	215689	214171	87379	79851	82134	81000	78086	67268	69752	71200	69635	68588	230853	229486	231014	227055	223669
		NC	48744	48936	44732	42080	41271	14244	17469	18031	16947	16856	5965	7083	7367	6518	7294	57023	59322	55395	52509	50833
	Ven	All	3510	3555	3722	3816	3867	2465	2867	2796	2635	2567	1756	1697	1775	1832	1870	4220	4725	4743	4618	4565
		C	1425	1568	1652	1763	1841	424	529	471	510	510	484	562	649	711	726	1365	1535	1474	1562	1626
		NC	2085	1988	2070	2053	2026	2041	2337	2324	2124	2057	1271	1135	1125	1121	1144	2855	3189	3269	3056	2939
	Ply	All	34009	35691	38179	34902	35967	15354	15232	16212	16099	15306	4396	5046	5324	5455	5294	44966	45876	49067	45546	45978
		C	24045	25342	26781	24749	25025	3412	3539	3908	3621	3448	2558	2764	2942	3012	2858	24899	26117	27747	25357	25614
		NC	9964	10349	11398	10154	10942	11941	11693	12305	12479	11858	1838	2282	2382	2443	2436	20067	19759	21320	20189	20363
ITTO Total	Logs	All	1140302	1169079	1194463	1138215	1121947	89875	98627	115589	117461	118527	47432	51355	61327	58066	49658	1182745	1216352	1248725	1197610	1190817
		C	724418	746130	770817	734285	721532	50023	56003	68881	70918	76404	27306	28922	34742	32254	29237	747135	773211	804956	772949	768698
		NC	415884	422950	423646	403930	400415	39852	42624	46709	46543	42124	20126	22433	26585	25812	20421	435610	443141	443769	424661	422118
	Sawn	All	306445	312941	314773	306488	304088	103677	99438	102516	101099	96843	79717	84080	87547	85865	86517	330405	328299	329742	321722	314414
		C	221744	228455	229816	225397	223955	87554	80124	82449	81337	78317	68057	70973	72509	71084	70498	241241	237606	239755	235649	231774
		NC	84701	84486	84957	81091	80126	16123	19314	20067	19762	18525	11660	13108	15038	14780	16018	89165	90693	89986	86073	82632
	Ven	All	5662	6100	6627	6327	6550	2604	3121	3048	2895	2782	3240	3297	3271	3000	2916	5026	5924	6404	6222	6415
		C	1642	1875	1969	2082	2158	435	543	493	524	522	514	605	679	732	756	1562	1812	1783	1873	1924
		NC	4020	4225	4659	4245	4391	2169	2578	2555	2372	2260	2724	2691	2592	2268	2160	3464	4111	4621	4349	4491
	Ply	All	48770	50861	54733	50283	51600	15528	15520	16448	16295	15473	16331	16279	17994	17198	16281	47967	50102	53187	49380	50791
		C	24883	26707	28518	26087	26358	3475	3691	4011	3696	3501	2817	3431	3477	3576	3161	25542	26968	29052	26208	26698
		NC	23886	24154	26215	24196	25242	12053	11829	12437	12599	11971	13514	12848	14517	13622	13120	22425	23135	24135	23173	24093

**Table 1-1-b. Production, Trade and Consumption of Tropical Timber by ITTO Consumers (1000 m<sup>3</sup>)**

Country	Product	Production					Imports					Exports					Domestic Consumption				
		1998	1999	2000	2001	2002	1998	1999	2000	2001	2002	1998	1999	2000	2001	2002	1998	1999	2000	2001	2002
Australia	Logs	40 <sup>1</sup>	50 <sup>1</sup>	100 <sup>1</sup>	110 <sup>1</sup>	110 <sup>1</sup>	0	0	0	0	0	0	0	0	0	0	40	50	100	110	110
	Sawn	20 <sup>1</sup>	27 <sup>1</sup>	25 <sup>1</sup>	25 <sup>1</sup>	25 <sup>1</sup>	91	89	101	75	83	0	0	0	0	0	111	116	126	100	108
	Ven	0 <sup>1</sup>	0	0 <sup>1</sup>	0 <sup>1</sup>	0 <sup>1</sup>	0 <sup>R</sup>	0 <sup>R</sup>	0 <sup>R</sup>	0	4	0	0	0	0	0 <sup>1</sup>	0	0	0	0	4
	Ply	2 <sup>1</sup>	0	0 <sup>1</sup>	0	0 <sup>1</sup>	52	19	14	11	7	0	0	0	0	0	54	19	14	11	7
Canada	Logs	0	0	0	0	0	1	2	1	1	1	0 <sup>R</sup>	0 <sup>R</sup>	0	0 <sup>R</sup>	0	1	1	1	1	1
	Sawn	0	0	0 <sup>1</sup>	0 <sup>1</sup>	0 <sup>1</sup>	15	30 <sup>1</sup>	9	11	12	0 <sup>R</sup>	0 <sup>R</sup>	1	1	1	15	30	8	10	11
	Ven	0	0	0 <sup>E</sup>	0 <sup>E</sup>	0 <sup>E</sup>	12	16	14 <sup>E</sup>	28	15	1	1	1	0 <sup>R</sup>	0 <sup>1</sup>	11	14	13	28	15
	Ply	0	0 <sup>E</sup>	0 <sup>E</sup>	0 <sup>E</sup>	0 <sup>1</sup>	84	80	62	262	200 <sup>1</sup>	8	11	26	26	26 <sup>1</sup>	76	69	35	236	174
China	Logs	275 <sup>1</sup>	200 <sup>1</sup>	250 <sup>1</sup>	250 <sup>1</sup>	250 <sup>1</sup>	2761	4796	6180	6952	7100 <sup>+</sup>	0 <sup>R</sup>	0 <sup>R</sup>	14	12	10 <sup>1</sup>	3036	4996	6417	7191	7340
	Sawn	800 <sup>1</sup>	800 <sup>1</sup>	950 <sup>1</sup>	950 <sup>1</sup>	950 <sup>1</sup>	800	1465	2571	2907	3096 <sup>+</sup>	1	2	398	313	350 <sup>1</sup>	1599	2263	3123	3543	3696
	Ven	50 <sup>1</sup>	50 <sup>1</sup>	50 <sup>1</sup>	50 <sup>1</sup>	50 <sup>1</sup>	397 <sup>1</sup>	615 <sup>+</sup>	596 <sup>+</sup>	291 <sup>W</sup>	150 <sup>1</sup>	1	2 <sup>C</sup>	1	12 <sup>+</sup>	15 <sup>1</sup>	446	663	645	329	185
	Ply	1000 <sup>1</sup>	2100 <sup>1</sup>	2500 <sup>1</sup>	3400 <sup>1</sup>	3600 <sup>1</sup>	2084	953	905 <sup>+</sup>	619 <sup>+</sup>	570 <sup>D+</sup>	78	64 <sup>C</sup>	365	486	550 <sup>1</sup>	3006	2989	3040	3533	3620
(Hong Kong S.A.R.)	Logs	5 <sup>1</sup>	5 <sup>1</sup>	5 <sup>1</sup>	5 <sup>1</sup>	5 <sup>1</sup>	500 <sup>1</sup>	731 <sup>C</sup>	668 <sup>C</sup>	511 <sup>C</sup>	511 <sup>1</sup>	70 <sup>1</sup>	70 <sup>1</sup>	70 <sup>1</sup>	70 <sup>1</sup>	70 <sup>1</sup>	435	666	603	446	446
	Sawn	30 <sup>1</sup>	30 <sup>1</sup>	30 <sup>1</sup>	30 <sup>1</sup>	30 <sup>1</sup>	164 <sup>C</sup>	1030 <sup>C</sup>	525 <sup>C</sup>	489 <sup>C</sup>	133 <sup>1</sup>	2 <sup>1</sup>	1 <sup>1</sup>	0 <sup>1</sup>	0 <sup>1</sup>	0 <sup>1</sup>	192	1059	555	519	163
	Ven	20 <sup>1</sup>	20 <sup>1</sup>	20 <sup>1</sup>	20 <sup>1</sup>	20 <sup>1</sup>	0 <sup>CR</sup>	48 <sup>C</sup>	10 <sup>1</sup>	25 <sup>1</sup>	25 <sup>1</sup>	0 <sup>CR</sup>	4 <sup>1</sup>	8 <sup>1</sup>	8 <sup>1</sup>	8 <sup>1</sup>	20	64	22	37	37
	Ply	30 <sup>1</sup>	30 <sup>1</sup>	30 <sup>1</sup>	30 <sup>1</sup>	30 <sup>1</sup>	19 <sup>CA</sup>	106 <sup>C</sup>	300 <sup>1</sup>	300 <sup>1</sup>	300 <sup>1</sup>	6 <sup>C</sup>	55 <sup>C</sup>	55 <sup>1</sup>	55 <sup>1</sup>	55 <sup>1</sup>	43	81	275	275	275
(Macao S.A.R.)	Logs	1 <sup>1</sup>	1 <sup>1</sup>	1 <sup>1</sup>	1 <sup>1</sup>	1 <sup>1</sup>	1 <sup>C</sup>	1 <sup>C</sup>	0 <sup>C</sup>	1 <sup>1</sup>	1 <sup>1</sup>	0 <sup>CR</sup>	0 <sup>CR</sup>	0 <sup>CR</sup>	0 <sup>1</sup>	0 <sup>1</sup>	2	2	1	2	2
	Sawn	0 <sup>1</sup>	0 <sup>1</sup>	0 <sup>1</sup>	0 <sup>1</sup>	0 <sup>1</sup>	10 <sup>C</sup>	7 <sup>C</sup>	4 <sup>C</sup>	4 <sup>1</sup>	4 <sup>1</sup>	2 <sup>C</sup>	2 <sup>C</sup>	3 <sup>C</sup>	3 <sup>1</sup>	3 <sup>1</sup>	8	4	1	1	1
	Ven	1 <sup>1</sup>	1 <sup>1</sup>	1 <sup>1</sup>	1 <sup>1</sup>	1 <sup>1</sup>	0 <sup>CR</sup>	0 <sup>C</sup>	0 <sup>C</sup>	0 <sup>1</sup>	0 <sup>1</sup>	0 <sup>CR</sup>	0 <sup>CR</sup>	0 <sup>CR</sup>	0 <sup>1</sup>	0 <sup>1</sup>	1	1	1	1	1
	Ply	0 <sup>1</sup>	0 <sup>1</sup>	0 <sup>1</sup>	0 <sup>1</sup>	0 <sup>1</sup>	21 <sup>C</sup>	19 <sup>C</sup>	16 <sup>C</sup>	16 <sup>1</sup>	16 <sup>1</sup>	2 <sup>C</sup>	1 <sup>C</sup>	2 <sup>C</sup>	2 <sup>1</sup>	2 <sup>1</sup>	20	18	14	14	14
(Taiwan Province of China)	Logs	3 <sup>+</sup>	3 <sup>1</sup>	3 <sup>1</sup>	3 <sup>1</sup>	3 <sup>1</sup>	913 <sup>C</sup>	806 <sup>C</sup>	1188 <sup>C</sup>	3177 <sup>C</sup>	1100 <sup>1</sup>	3 <sup>C</sup>	2 <sup>C</sup>	2 <sup>C</sup>	2 <sup>1</sup>	2 <sup>1</sup>	913	807	1189	3178	1101
	Sawn	40 <sup>1</sup>	40 <sup>1</sup>	60 <sup>1</sup>	60 <sup>1</sup>	60 <sup>1</sup>	381 <sup>C</sup>	251 <sup>C</sup>	425 <sup>C</sup>	299 <sup>C</sup>	200 <sup>1</sup>	10 <sup>C</sup>	9 <sup>C</sup>	9 <sup>C</sup>	9 <sup>+</sup>	9 <sup>+</sup>	411	282	477	350	251
	Ven	50 <sup>1</sup>	40 <sup>1</sup>	65 <sup>1</sup>	65 <sup>1</sup>	65 <sup>1</sup>	139 <sup>C</sup>	150 <sup>C</sup>	143 <sup>C</sup>	162 <sup>+</sup>	170 <sup>+</sup>	1 <sup>C</sup>	1 <sup>C</sup>	0 <sup>C</sup>	7 <sup>+</sup>	6 <sup>+</sup>	188	189	207	220	229
	Ply	510 <sup>1</sup>	450 <sup>1</sup>	600 <sup>1</sup>	600 <sup>1</sup>	600 <sup>1</sup>	919 <sup>C</sup>	603 <sup>C</sup>	620 <sup>C</sup>	464 <sup>+</sup>	460 <sup>+</sup>	22 <sup>C</sup>	13 <sup>C</sup>	21 <sup>C</sup>	61 <sup>+</sup>	65 <sup>+</sup>	1407	1039	1199	1003	995
Egypt	Logs	0	0 <sup>1</sup>	0 <sup>1</sup>	0 <sup>1</sup>	0 <sup>1</sup>	4	3 <sup>1</sup>	1	3	3 <sup>1</sup>	0	0 <sup>1</sup>	1	0 <sup>R</sup>	0 <sup>1</sup>	4	3	0	3	3
	Sawn	2 <sup>1</sup>	0 <sup>1</sup>	0 <sup>1</sup>	0 <sup>1</sup>	0 <sup>1</sup>	3	3 <sup>1</sup>	0 <sup>R</sup>	0 <sup>R</sup>	0 <sup>1</sup>	0	0 <sup>1</sup>	0	0 <sup>R</sup>	0 <sup>1</sup>	5	3	0	0	0
	Ven	0	0 <sup>1</sup>	0 <sup>1</sup>	0 <sup>1</sup>	0 <sup>1</sup>	1	0 <sup>R</sup>	22	44	44 <sup>1</sup>	0	0 <sup>1</sup>	0	0	0 <sup>1</sup>	1	0	22	44	44
	Ply	0	0 <sup>1</sup>	0 <sup>1</sup>	0 <sup>1</sup>	0 <sup>1</sup>	125	80 <sup>1</sup>	98	156	156 <sup>1</sup>	0	0 <sup>1</sup>	0	0	0 <sup>1</sup>	125	80	98	156	156

**Table 1-1-b. Production, Trade and Consumption of Tropical Timber by ITTO Consumers (1000 m<sup>3</sup>)**

Country	Product	Production					Imports					Exports					Domestic Consumption				
		1998	1999	2000	2001	2002	1998	1999	2000	2001	2002	1998	1999	2000	2001	2002	1998	1999	2000	2001	2002
EU	Logs	0	0	0	0	0	2554	2291	2160	2025	1829	88	115	176	146	92	2466	2176	1984	1880	1736
	Sawn	660	530	622	524	481	2562	2344	2753	2712	2500	316	397	428	369	303	2906	2477	2947	2867	2678
	Ven	232	210	144	133	121	260	227	250	227	234	83	84	92	89	89	409	352	302	271	265
	Ply	569	610	549	537	539	1682	1701	1281	1373	1258	470	578	539	499	446	1781	1733	1290	1412	1351
Austria	Logs	0	0	0	0	0	1	1 <sup>I</sup>	2 <sup>I</sup>	2 <sup>I</sup>	2 <sup>I</sup>	1 <sup>I</sup>	0 <sup>I</sup>	1	0	0 <sup>I</sup>	0	1	1	1	2
	Sawn	0	0	0	0	0	5 <sup>I</sup>	7	7	6 <sup>C</sup>	6 <sup>E</sup>	1	1	1	5 <sup>C</sup>	5	4	6	5	1	1
	Ven	0 <sup>E</sup>	0 <sup>E</sup>	0 <sup>E</sup>	0 <sup>E</sup>	0 <sup>I</sup>	1 <sup>I</sup>	1	2 <sup>E</sup>	2	2	1	0 <sup>R</sup>	1 <sup>E</sup>	1 <sup>C</sup>	1	0	1	1	2	1
	Ply	0	0 <sup>E</sup>	0 <sup>E</sup>	0 <sup>E</sup>	0 <sup>I</sup>	15 <sup>I</sup>	9	10 <sup>E</sup>	10 <sup>C</sup>	10 <sup>E</sup>	1	3	3 <sup>E</sup>	1 <sup>C</sup>	1 <sup>E</sup>	14	6	7	9	9
Belgium/Luxembourg/ Luxembourg/Belgium	Logs	0	--	--	--	--	80	--	--	--	--	20	--	--	--	--	60	--	--	--	--
	Sawn	10 <sup>I</sup>	--	--	--	--	276	--	--	--	--	120	--	--	--	--	166	--	--	--	--
	Ven	5 <sup>I</sup>	--	--	--	--	18	--	--	--	--	6	--	--	--	--	17	--	--	--	--
	Ply	8 <sup>I</sup>	--	--	--	--	328	--	--	--	--	194	--	--	--	--	142	--	--	--	--
Belgium	Logs	--	0	0	0	0	--	67 <sup>I</sup>	47 <sup>C</sup>	52 <sup>C</sup>	55 <sup>I</sup>	--	29 <sup>C</sup>	38 <sup>C</sup>	33 <sup>C</sup>	25 <sup>I</sup>	--	38	8	18	30
	Sawn	--	10 <sup>I</sup>	10 <sup>I</sup>	12	10	--	331	315 <sup>C</sup>	268	220	--	232	209	161	120	--	109	116	119	110
	Ven	--	20 <sup>I</sup>	0 <sup>E</sup>	4	2	--	14 <sup>E</sup>	13 <sup>C</sup>	17	15	--	14 <sup>E</sup>	5 <sup>C</sup>	5	3	--	20	7	16	14
	Ply	--	0 <sup>E</sup>	0 <sup>E</sup>	0 <sup>E</sup>	0	--	336	319 <sup>C</sup>	292	255	--	275 <sup>E</sup>	252 <sup>C</sup>	218	175	--	61	67	74	80
Denmark	Logs	0	0	0	0	0 <sup>I</sup>	11	9	6	6	10 <sup>I</sup>	1	2	2	4 <sup>I</sup>	6 <sup>I</sup>	10	7	4	2	4
	Sawn	5 <sup>I</sup>	0	0	0	0 <sup>I</sup>	38	42	43	83	80 <sup>I</sup>	10	9	7	9	9 <sup>I</sup>	33	33	36	74	71
	Ven	0	0	3 <sup>I</sup>	0	0 <sup>I</sup>	20	25	8	5 <sup>C</sup>	5 <sup>I</sup>	2	1	1	2	2 <sup>I</sup>	18	24	10	3	3
	Ply	1	1	0	1	2 <sup>I</sup>	51	54	43	45	45 <sup>I</sup>	9	5	6	6	6 <sup>I</sup>	43	50	37	40	41
Finland	Logs	0	0	0	0	0 <sup>I</sup>	0	0 <sup>E</sup>	0 <sup>R</sup>	0	0 <sup>I</sup>	0 <sup>R</sup>	0	0 <sup>R</sup>	0	0 <sup>I</sup>	0	0	0	0	0
	Sawn	0	0	0	0	0	11	7	7	9	9	2	1	3	0 <sup>R</sup>	0 <sup>R</sup>	9	6	4	9	9
	Ven	0	0 <sup>E</sup>	0 <sup>E</sup>	0	0	6	1	1	1	1	0 <sup>R</sup>	0	0 <sup>R</sup>	0 <sup>R</sup>	0 <sup>R</sup>	6	1	1	1	1
	Ply	0	0	0	0	0	2	1	1	1	1	1	0	0 <sup>R</sup>	0 <sup>R</sup>	0 <sup>R</sup>	1	1	1	0	0
France	Logs	0	0	0	0	0	856 <sup>W</sup>	757 <sup>E</sup>	837	735	457	33 <sup>W</sup>	50 <sup>E</sup>	36	29	17	823	707	801	706	440
	Sawn	262	250	234	223	180	253 <sup>W</sup>	247 <sup>E</sup>	386	396	306	14 <sup>W</sup>	13 <sup>E</sup>	33	40	26	501	484	586	579	460
	Ven	5 <sup>I</sup>	0 <sup>E</sup>	0 <sup>E</sup>	0 <sup>E</sup>	0	26 <sup>C</sup>	26	33	49	54	31 <sup>W</sup>	24	27	31	31	0	2	6	18	23
	Ply	320	319	321	310	310	101 <sup>W</sup>	125	109	143	137	122 <sup>W</sup>	125	133	123	117	299	320	297	330	330
Germany	Logs	0	0	0	0	0	165	133	161	141	135	24	28	40	37	35	141	105	121	104	100
	Sawn	40 <sup>I</sup>	0	10 <sup>E</sup>	10 <sup>E</sup>	10 <sup>E</sup>	166	176	169	138	130	40	33	51	48	47	166	143	128	100	93
	Ven	10 <sup>I</sup>	15	15 <sup>I</sup>	15 <sup>I</sup>	15 <sup>I</sup>	79	55 <sup>E</sup>	50	47	45	5	13	15	17	15	84	57	50	45	45
	Ply	30 <sup>I</sup>	30 <sup>I</sup>	2 <sup>E</sup>	2	2	205	151	149	184	138	26	16	12	17	14	209	165	139	169	126

**Table 1-1-b. Production, Trade and Consumption of Tropical Timber by ITTO Consumers (1000 m<sup>3</sup>)**

Country	Product	Production					Imports					Exports					Domestic Consumption				
		1998	1999	2000	2001	2002	1998	1999	2000	2001	2002	1998	1999	2000	2001	2002	1998	1999	2000	2001	2002
Greece	Logs	0	0	0	0	0	74	76	75	75 <sup>E</sup>	75 <sup>I</sup>	0	0 <sup>R</sup>	0 <sup>R</sup>	0 <sup>E</sup>	0 <sup>I</sup>	74	76	75	75	75
	Sawn	10 <sup>I</sup>	0	0 <sup>E</sup>	0 <sup>E</sup>	0 <sup>E</sup>	13	19 <sup>E</sup>	16 <sup>E</sup>	16 <sup>E</sup>	16 <sup>E</sup>	0	0	2	2 <sup>E</sup>	2 <sup>E</sup>	23	19	14	14	14
	Ven	6	7	7 <sup>E</sup>	7 <sup>E</sup>	7 <sup>E</sup>	1	1 <sup>I</sup>	11 <sup>I</sup>	11 <sup>I</sup>	11 <sup>I</sup>	1	1	1 <sup>E</sup>	1 <sup>E</sup>	1 <sup>E</sup>	6	7	16	16	17
	Ply	25	26	26 <sup>E</sup>	26 <sup>E</sup>	26 <sup>E</sup>	3	6	6 <sup>E</sup>	6 <sup>E</sup>	6 <sup>I</sup>	15	16	16 <sup>E</sup>	16 <sup>E</sup>	16 <sup>E</sup>	13	16	16	16	16
Ireland	Logs	0	0	0	0	0 <sup>I</sup>	31	18	20 <sup>C</sup>	20 <sup>E</sup>	20 <sup>I</sup>	1	1	0 <sup>E</sup>	0 <sup>I</sup>	0 <sup>I</sup>	30	18	20	20	20
	Sawn	5 <sup>I</sup>	5 <sup>I</sup>	0	0	0	88	93	110 <sup>C</sup>	110 <sup>E</sup>	110	5	6	7 <sup>C</sup>	7 <sup>E</sup>	7	88	92	103	103	103
	Ven	10 <sup>I</sup>	3 <sup>I</sup>	0	0	0	3	1	1 <sup>E</sup>	1 <sup>E</sup>	1 <sup>E</sup>	0 <sup>R</sup>	0 <sup>E</sup>	0 <sup>C</sup>	0 <sup>C</sup>	1 <sup>E</sup>	13	4	1	1	0
	Ply	0 <sup>I</sup>	0	0	0	0	30	24	22	22 <sup>E</sup>	22 <sup>E</sup>	2	1	1 <sup>E</sup>	1 <sup>E</sup>	1 <sup>E</sup>	28	23	21	21	21
Italy	Logs	0	0	0	0	0 <sup>I</sup>	477	292	314	276	260	0 <sup>R</sup>	0 <sup>R</sup>	0 <sup>R</sup>	1	1	477	292	314	275	259
	Sawn	90 <sup>I</sup>	50 <sup>I</sup>	30 <sup>I</sup>	20 <sup>I</sup>	20 <sup>I</sup>	470	297	282	284	265	32	21	9	11	10	528	326	303	293	275
	Ven	140 <sup>I</sup>	90 <sup>I</sup>	80 <sup>I</sup>	70 <sup>I</sup>	60 <sup>I</sup>	48	56 <sup>C</sup>	50	52	50	11 <sup>C</sup>	3	5	6	6	177	143	125	116	104
	Ply	65 <sup>I</sup>	45 <sup>I</sup>	65 <sup>E</sup>	65	65	166 <sup>C</sup>	58	57	64	60	34 <sup>C</sup>	28	33	31	30	197	75	89	98	95
Luxembourg	Logs	--	0	0	0	0 <sup>I</sup>	--	0 <sup>R</sup>	4 <sup>C</sup>	4 <sup>E</sup>	4 <sup>I</sup>	--	0	1 <sup>I</sup>	1 <sup>I</sup>	1 <sup>I</sup>	--	0	3	3	3
	Sawn	--	0	2 <sup>I</sup>	2 <sup>I</sup>	2 <sup>I</sup>	--	0 <sup>R</sup>	7 <sup>C</sup>	7 <sup>E</sup>	7 <sup>I</sup>	--	0 <sup>R</sup>	0 <sup>CR</sup>	0 <sup>E</sup>	0 <sup>I</sup>	--	0	9	9	9
	Ven	--	0	0 <sup>I</sup>	0 <sup>I</sup>	0 <sup>I</sup>	--	0 <sup>R</sup>	0 <sup>R</sup>	0 <sup>E</sup>	0 <sup>I</sup>	--	0	0 <sup>E</sup>	0 <sup>E</sup>	0 <sup>I</sup>	--	0	0	0	0
	Ply	--	0	0 <sup>I</sup>	0 <sup>I</sup>	0 <sup>I</sup>	--	2	2 <sup>E</sup>	2 <sup>E</sup>	2 <sup>I</sup>	--	0 <sup>R</sup>	0 <sup>E</sup>	0 <sup>E</sup>	0 <sup>I</sup>	--	2	2	2	2
Netherlands	Logs	0	0	0	0	0	91	87	91	75	71	4	2	5	0 <sup>R</sup>	0	87	85	87	75	71
	Sawn	40	45	40	23	23	358	385	471	388	369	82	70	66	61	58	316	360	445	350	334
	Ven	16	18	18 <sup>E</sup>	16	16	10	7	4	5	5	12	12	11	12	12	14	13	10	9	9
	Ply	5	3	3 <sup>E</sup>	2	2	212	239	231	225	214	28	29	33	30	29	189	213	200	198	187
Portugal	Logs	0	0	0	0	0	485	368	357	420 <sup>E</sup>	608	4	2	3	1	2	481	366	354	419	606
	Sawn	150 <sup>I</sup>	100	197	137	151	54	74	161	95	117	6	6	6	6	8	198	168	352	226	260
	Ven	5 <sup>I</sup>	5 <sup>I</sup>	5	5	5	2	3	20	12 <sup>I</sup>	18	2	2	4	6	7	5	6	21	11	16
	Ply	15	16	12	11	12	2	3	4	19	3	0 <sup>R</sup>	0 <sup>R</sup>	0 <sup>R</sup>	1	5	17	18	16	29	10
Spain	Logs	0 <sup>I</sup>	0	0	0	0 <sup>I</sup>	265	456	179	172	120	0 <sup>CR</sup>	0 <sup>CR</sup>	1	3	0	265	456	178	169	120
	Sawn	40 <sup>I</sup>	60 <sup>I</sup>	89	90	80	625 <sup>C</sup>	447	443 <sup>C</sup>	553	500	3 <sup>C</sup>	3	26 <sup>C</sup>	10	5	662	504	505	633	575
	Ven	35 <sup>I</sup>	50 <sup>I</sup>	15 <sup>E</sup>	15 <sup>E</sup>	15 <sup>E</sup>	37	33	44 <sup>C</sup>	15	15	12 <sup>C</sup>	14	13 <sup>C</sup>	5	5	60	69	46	25	25
	Ply	100 <sup>I</sup>	170 <sup>I</sup>	120 <sup>I</sup>	120 <sup>I</sup>	120 <sup>I</sup>	21	32	27 <sup>E</sup>	10 <sup>I</sup>	10 <sup>I</sup>	34 <sup>C</sup>	80	43	43 <sup>E</sup>	40 <sup>I</sup>	87	122	104	87	90
Sweden	Logs	0	0	0	0	0	2	1	2	2	2	0 <sup>R</sup>	0 <sup>R</sup>	0 <sup>R</sup>	0	0	2	1	2	2	2
	Sawn	1	0	2	2	2	7	9	11	12	15	1	2	3	3	1	7	8	11	11	16
	Ven	0 <sup>I</sup>	1	1	1	1 <sup>I</sup>	3	2	2	2	2	0 <sup>R</sup>	0 <sup>R</sup>	1	0 <sup>R</sup>	0 <sup>R</sup>	3	2	3	2	2
	Ply	0	0	0	0	0	9	10	7	5	5	4	0 <sup>R</sup>	0 <sup>R</sup>	0 <sup>R</sup>	1	5	10	7	4	4

**Table 1-1-b. Production, Trade and Consumption of Tropical Timber by ITTO Consumers (1000 m<sup>3</sup>)**

		Production					Imports					Exports					Domestic Consumption				
Country	Product	1998	1999	2000	2001	2002	1998	1999	2000	2001	2002	1998	1999	2000	2001	2002	1998	1999	2000	2001	2002
United Kingdom Kingdom	Logs	0	0	0	0	0 <sup>1</sup>	16	24	65	46	10 <sup>E</sup>	0	0	49	35 <sup>1</sup>	5 <sup>1</sup>	16	24	17	11	5
	Sawn	7	10 <sup>1</sup>	8 <sup>1</sup>	5 <sup>1</sup>	3 <sup>1</sup>	198	210	328	348	350	0	0	5	6	5	205	220	331	347	348
	Ven	0	0	0	0	0	6	4	11	9	10	0	0	6	2	5	6	4	5	7	5
	Ply	0	0	0	0	0	537	652	295	345	350	0	0	7	12	10	537	652	287	333	340
Japan	Logs	0	0	0	0	0	3427	3526	3141	2147	1675	0 <sup>R</sup>	0	0	0	0	3427	3526	3141	2147	1675
	Sawn	428	341	308	263	256	564	660	687	601	514	0 <sup>R</sup>	0 <sup>R</sup>	0 <sup>R</sup>	0 <sup>R</sup>	0 <sup>R</sup>	992	1001	995	864	770
	Ven	75 <sup>1</sup>	80 <sup>1</sup>	70 <sup>1</sup>	60 <sup>1</sup>	40 <sup>1</sup>	52	53	48	45	9	0 <sup>R</sup>	0 <sup>R</sup>	0 <sup>R</sup>	1	1	127	133	118	104	48
	Ply	1800 <sup>1</sup>	1880 <sup>1</sup>	1660 <sup>1</sup>	1110 <sup>1</sup>	900 <sup>1</sup>	3583	4415	4555	4529	4308	1	1	1	1	2	5382	6294	6214	5638	5206
Nepal	Logs	0	0 <sup>1</sup>	0 <sup>1</sup>	0 <sup>1</sup>	0 <sup>1</sup>	3 <sup>1</sup>	0	0	0 <sup>1</sup>	0 <sup>1</sup>	0 <sup>1</sup>	0	0	0 <sup>1</sup>	0 <sup>1</sup>	3	0	0	0	0
	Sawn	2 <sup>1</sup>	0 <sup>1</sup>	0 <sup>1</sup>	0 <sup>1</sup>	0 <sup>1</sup>	3 <sup>1</sup>	0 <sup>CR</sup>	0 <sup>C</sup>	0 <sup>1</sup>	0 <sup>1</sup>	0 <sup>1</sup>	0	0	0 <sup>1</sup>	0 <sup>1</sup>	5	0	0	0	0
	Ven	0	0 <sup>1</sup>	0 <sup>1</sup>	0 <sup>1</sup>	0 <sup>1</sup>	0 <sup>1</sup>	0 <sup>CR</sup>	0 <sup>C</sup>	0 <sup>1</sup>	0 <sup>1</sup>	0 <sup>1</sup>	0 <sup>CR</sup>	0	0 <sup>1</sup>	0 <sup>1</sup>	0	0	0	0	0
	Ply	0	0 <sup>1</sup>	0 <sup>1</sup>	0 <sup>1</sup>	0 <sup>1</sup>	2 <sup>1</sup>	0 <sup>CR</sup>	0 <sup>C</sup>	0 <sup>1</sup>	0 <sup>1</sup>	0 <sup>1</sup>	0 <sup>1</sup>	0 <sup>C</sup>	0	0 <sup>1</sup>	0 <sup>1</sup>	2	0	0	0
New Zealand Zealand	Logs	0	0	0	0	0	1	1	1	1	2	0	0	0	0	0	1	1	1	1	2
	Sawn	0	0	0	0	0	3	3	3	3	3	0	0 <sup>R</sup>	0	0 <sup>R</sup>	0	3	3	3	3	3
	Ven	0	0	0	0	1 <sup>1</sup>	0	1	0 <sup>R</sup>	1	1	0	0 <sup>R</sup>	0	0 <sup>R</sup>	0	0	1	0	1	2
	Ply	0	0	0	0	0	4	3	3	4	4	0	0 <sup>R</sup>	2	0 <sup>R</sup>	0	4	3	2	3	3
Norway	Logs	0	0	0	0	0 <sup>1</sup>	1 <sup>1</sup>	1 <sup>1</sup>	0 <sup>R</sup>	1	0 <sup>1</sup>	0	0 <sup>R</sup>	0 <sup>1</sup>	1 <sup>1</sup>	0 <sup>1</sup>	1	1	0	0	0
	Sawn	0	0	0	0	0	5	12	7	9	9 <sup>E</sup>	0 <sup>R</sup>	7	0	2	2 <sup>E</sup>	5	5	6	8	8
	Ven	0	0 <sup>1</sup>	0	0	0	3	2	3	4	4 <sup>E</sup>	0 <sup>R</sup>	0 <sup>R</sup>	0 <sup>R</sup>	0 <sup>R</sup>	0 <sup>E</sup>	3	2	3	4	4
	Ply	0	0	0	0	0 <sup>1</sup>	6	4	12	19	3 <sup>E</sup>	1	1	1	2	2 <sup>E</sup>	5	3	11	17	1
Republic of Korea Korea	Logs	0	0 <sup>1</sup>	0	0	0	749	967	796	554	450 <sup>+</sup>	0 <sup>1</sup>	1 <sup>C</sup>	0 <sup>R</sup>	0 <sup>R</sup>	0 <sup>R</sup>	749	966	796	554	450
	Sawn	177 <sup>+</sup>	200 <sup>1</sup>	150 <sup>1</sup>	77 <sup>+</sup>	50 <sup>+</sup>	246	272	316	358	360 <sup>+</sup>	1	0 <sup>CR</sup>	3	3	3 <sup>+</sup>	422	472	463	432	407
	Ven	1 <sup>1</sup>	0 <sup>1</sup>	0 <sup>1</sup>	0 <sup>1</sup>	0 <sup>1</sup>	59	55	146	203	203	0 <sup>1</sup>	0 <sup>CR</sup>	0 <sup>R</sup>	0 <sup>R</sup>	0 <sup>R</sup>	60	55	146	203	203
	Ply	300 <sup>1</sup>	380 <sup>1</sup>	379	351	320 <sup>1</sup>	456	715 <sup>C</sup>	902	1022	1022	9	0 <sup>CR</sup>	1	2	2	747	1094	1280	1371	1340
Switzerland	Logs	0	0	0	0	0	8	10	10	9	10	0 <sup>R</sup>	0 <sup>R</sup>	0 <sup>R</sup>	0 <sup>R</sup>	0	8	10	10	9	10
	Sawn	0 <sup>E</sup>	6	6	10	10	11	11	13	14	14	0 <sup>R</sup>	0 <sup>R</sup>	1	0 <sup>R</sup>	0	11	17	18	23	24
	Ven	1 <sup>1</sup>	0	0	0	0	0 <sup>1</sup>	0 <sup>R</sup>	0 <sup>R</sup>	0 <sup>R</sup>	0 <sup>R</sup>	0	0 <sup>R</sup>	0 <sup>R</sup>	0 <sup>R</sup>	0	1	0	0	0	0
	Ply	0	0	0	0	0	0	10	9	9	9	0	0 <sup>R</sup>	0 <sup>R</sup>	0 <sup>R</sup>	0	0	9	9	9	9
U.S.A.	Logs	0	0	0	0	0 <sup>1</sup>	1	1	2	2	1 <sup>1</sup>	1 <sup>1</sup>	1 <sup>1</sup>	2 <sup>1</sup>	1	1 <sup>1</sup>	0	0	0	1	0
	Sawn	0	0	0	0	0	352 <sup>+</sup>	284	330	277	344	36	60	51	24	63	316	224	279	253	281
	Ven	0 <sup>1</sup>	0	0	0	0 <sup>E</sup>	43	25	25	23	26	5	4	2	2	2	38	22	23	21	24
	Ply	0	0	0	0	0	1559 <sup>+</sup>	1708 <sup>C</sup>	1525 <sup>C</sup>	1450 <sup>1</sup>	1400 <sup>1</sup>	23	16	14	15	18	1536	1692	1511	1435	1382

**Table 1-1-b. Production, Trade and Consumption of Tropical Timber by ITTO Consumers (1000 m<sup>3</sup>)**

Country	Product	Production					Imports					Exports					Domestic Consumption				
		1998	1999	2000	2001	2002	1998	1999	2000	2001	2002	1998	1999	2000	2001	2002	1998	1999	2000	2001	2002
Consumers Total	Logs	324	259	359	369	369	10923	13134	14148	15385	12683	162	189	265	231	175	11086	13204	14242	15523	12876
	Sawn	2159	1974	2151	1939	1862	5210	6461	7744	7759	7272	368	479	894	724	734	7001	7955	9002	8974	8400
	Ven	430	401	350	329	298	966	1193	1258	1053	886	91	97	105	120	122	1306	1496	1503	1262	1061
	Ply	4211	5450	5718	6028	5989	10596	10415	10303	10234	9712	619	742	1028	1148	1167	14188	15124	14992	15114	14533
ITTO Total	Logs	125947	126378	126474	122259	121101	13181	16423	17407	18948	15650	12638	14482	16812	16129	12979	126490	128319	127070	125078	123772
	Sawn	37848	36650	42109	40662	40487	7006	8090	9348	9539	8851	6062	6491	8512	8808	9256	38792	38249	42945	41394	40082
	Ven	2364	2637	2937	2520	2662	1080	1423	1400	1191	1079	1543	1653	1572	1267	1139	1901	2407	2766	2444	2602
	Ply	18133	19255	20535	20070	20289	10677	10523	10388	10333	9822	12255	11280	13162	12276	11851	16556	18498	17762	18128	18259

**Table 1-1-c. Production, Trade and Consumption of All Timber by ITTO Producers (1000 m<sup>3</sup>)**

Country	Product	Species	Production					Imports					Exports					Domestic Consumption				
			1998	1999	2000	2001	2002	1998	1999	2000	2001	2002	1998	1999	2000	2001	2002	1998	1999	2000	2001	2002
Africa	Logs	All	11080	12191	13287	12980	12814	2	86	66	38	26	4368	4107	4836	4551	4120	6714	8171	8516	8467	8720
		C	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	1	1	0	0	0
		NC	11080	12191	13287	12980	12814	1	86	65	38	26	4368	4107	4836	4551	4120	6713	8170	8516	8467	8720
	Sawn	All	2130	2012	2614	2217	2260	2	8	8	24	29	1308	1417	2093	1545	1672	824	602	529	696	617
		C	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0
		NC	2130	2012	2614	2217	2260	2	7	8	23	29	1308	1417	2093	1545	1672	824	602	528	695	617
	Ven	All	561	625	716	710	722	1	1	3	0	3	372	434	394	384	344	190	191	325	327	381
		C	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	1	1	0	0
		NC	561	625	716	710	722	1	0	2	0	3	372	434	394	384	344	190	191	324	326	381
	Ply	All	355	366	314	297	353	11	135	44	21	11	124	213	200	166	243	242	289	158	152	121
		C	0	0	0	0	0	1	92	43	20	0	0	0	0	0	0	1	92	43	20	0
		NC	355	366	314	297	353	10	43	1	1	11	124	212	200	166	243	241	197	115	132	121
Cameroon	Logs	All	2895	2655	2720	2100	1950	0	0 <sup>I</sup>	0 <sup>CR</sup>	0 <sup>R</sup>	0	1604	1031	635	233	225	1291	1624	2085	1867	1725
		C	0	0	0	0	0	0	0 <sup>I</sup>	0 <sup>CR</sup>	0 <sup>R</sup>	0	0	0	0	0	0	0	0	0	0	0
		NC	2895	2655	2720	2100	1950	0	0 <sup>I</sup>	0 <sup>C</sup>	0 <sup>CR</sup>	0	1604	1031	635	233	225	1291	1624	2085	1867	1725
	Sawn	All	589	600	1154	645	700	0	0 <sup>I</sup>	1 <sup>C</sup>	0 <sup>R</sup>	0	353	476	1154	631	640	236	124	1	15	60
		C	0	0	0	0	0	0	0 <sup>I</sup>	1 <sup>C</sup>	0 <sup>R</sup>	0	0	0	0	0 <sup>R</sup>	0	0	0	1	0	0
		NC	589	600	1154	645	700	0	0 <sup>I</sup>	0 <sup>CR</sup>	0	0	353	476	1154	631	640	236	124	0	15	60
	Ven	All	59	53	72	33	34	0	0 <sup>I</sup>	0 <sup>C</sup>	0 <sup>R</sup>	0 <sup>R</sup>	41	48	70	33	33	18	6	2	0	1
		C	0	0	0	0	0	0	0 <sup>I</sup>	0 <sup>C</sup>	0 <sup>R</sup>	0	0	0	0	0	0	0	0	0	0	0
		NC	59	53	72	33	34	0	0 <sup>I</sup>	0 <sup>C</sup>	0 <sup>CR</sup>	0 <sup>R</sup>	41	48	70	33	33	18	6	2	0	1
	Ply	All	89	92	36	21	23	2	0 <sup>I</sup>	0 <sup>CR</sup>	0 <sup>R</sup>	0	41	88	35	21	22	50	4	1	0	2
		C	0	0	0	0	0	0	0 <sup>I</sup>	0 <sup>C</sup>	0 <sup>R</sup>	0	0	0	0	0	0	0	0	0	0	0
		NC	89	92	36	21	23	2	0 <sup>I</sup>	0 <sup>CR</sup>	0 <sup>R</sup>	0 <sup>R</sup>	41	88	35	21	22	50	4	1	0	2
Central African Republic	Logs	All	530	553	703	750	750 <sup>I</sup>	0	0	0 <sup>I</sup>	0 <sup>I</sup>	0 <sup>I</sup>	117	154	250	313	313 <sup>I</sup>	413	399	453	437	437
		C	0	0	0	0	0 <sup>I</sup>	0	0	0 <sup>I</sup>	0 <sup>I</sup>	0 <sup>I</sup>	0	0	0	0	0 <sup>I</sup>	0	0	0	0	0
		NC	530	553	703	750	750 <sup>I</sup>	0	0	0 <sup>I</sup>	0 <sup>I</sup>	0 <sup>I</sup>	117	154	250	313	313 <sup>I</sup>	413	399	453	437	437
	Sawn	All	91	79	102	150	150 <sup>I</sup>	0	0	0 <sup>I</sup>	0 <sup>I</sup>	0 <sup>I</sup>	72	64	66	76	76 <sup>I</sup>	19	15	36	74	74
		C	0	0	0	0	0 <sup>I</sup>	0	0	0 <sup>I</sup>	0 <sup>I</sup>	0 <sup>I</sup>	0	0	0	0	0 <sup>I</sup>	0	0	0	0	0
		NC	91	79	102	150	150 <sup>I</sup>	0	0	0 <sup>I</sup>	0 <sup>I</sup>	0 <sup>I</sup>	72	64	66	76	76 <sup>I</sup>	19	15	36	74	74
	Ven	All	0	0	0	0	0 <sup>I</sup>	0	0	0 <sup>I</sup>	0 <sup>I</sup>	0 <sup>I</sup>	0	0	0	0	0 <sup>I</sup>	0	0	0	0	0
		C	0	0	0	0	0 <sup>I</sup>	0	0	0 <sup>I</sup>	0 <sup>I</sup>	0 <sup>I</sup>	0	0	0	0	0 <sup>I</sup>	0	0	0	0	0
		NC	0	0	0	0	0 <sup>I</sup>	0	0	0 <sup>I</sup>	0 <sup>I</sup>	0 <sup>I</sup>	0	0	0	0	0 <sup>I</sup>	0	0	0	0	0
	Ply	All	1	2	2	4	4 <sup>I</sup>	0	0	0 <sup>I</sup>	0 <sup>I</sup>	0 <sup>I</sup>	0	1	0	0	0 <sup>I</sup>	1	1	2	4	4
		C	0	0	0	0	0 <sup>I</sup>	0	0	0 <sup>I</sup>	0 <sup>I</sup>	0 <sup>I</sup>	0	0	0	0	0 <sup>I</sup>	0	0	0	0	0
		NC	1	2	2	4	4 <sup>I</sup>	0	0	0 <sup>I</sup>	0 <sup>I</sup>	0 <sup>I</sup>	0	1	0	0	0 <sup>I</sup>	1	1	2	4	4

**Table 1-1-c. Production, Trade and Consumption of All Timber by ITTO Producers (1000 m<sup>3</sup>)**

Country	Product	Species	Production					Imports					Exports					Domestic Consumption				
			1998	1999	2000	2001	2002	1998	1999	2000	2001	2002	1998	1999	2000	2001	2002	1998	1999	2000	2001	2002
Congo, Dem. Rep. (former Zaire)	Logs	All	244 *	170 <sup>1</sup>	170 <sup>1</sup>	170 <sup>1</sup>	200 <sup>1</sup>	0 <sup>c</sup>	1 <sup>c</sup>	0 <sup>c</sup>	0 <sup>1</sup>	0 <sup>1</sup>	46	49 <sup>c</sup>	59 <sup>c</sup>	60 <sup>1</sup>	60 <sup>1</sup>	198	122	111	110	140
		C	0	0 <sup>1</sup>	0 <sup>1</sup>	0 <sup>1</sup>	0 <sup>1</sup>	0	1 <sup>c</sup>	0 <sup>c</sup>	0 <sup>1</sup>	0 <sup>1</sup>	0	0 <sup>c</sup>	0 <sup>1</sup>	0 <sup>1</sup>	0 <sup>1</sup>	0	1	0	0	0
		NC	244 *	170 <sup>1</sup>	170 <sup>1</sup>	170 <sup>1</sup>	200 <sup>1</sup>	0 <sup>c</sup>	0 <sup>c</sup>	0 <sup>c</sup>	0 <sup>1</sup>	0 <sup>1</sup>	46	49 <sup>c</sup>	59 <sup>c</sup>	60 <sup>1</sup>	60 <sup>1</sup>	198	121	111	110	140
	Sawn	All	80 *	70 <sup>1</sup>	70 <sup>1</sup>	70 <sup>1</sup>	70 <sup>1</sup>	0 <sup>c</sup>	0 <sup>CR</sup>	0 <sup>CR</sup>	0 <sup>1</sup>	0 <sup>1</sup>	19	16 <sup>c</sup>	20 <sup>1</sup>	20 <sup>1</sup>	20 <sup>1</sup>	61	54	50	50	50
		C	0	0 <sup>1</sup>	0 <sup>1</sup>	0 <sup>1</sup>	0 <sup>1</sup>	0	0 <sup>c</sup>	0 <sup>CR</sup>	0 <sup>1</sup>	0 <sup>1</sup>	0	0 <sup>c</sup>	0 <sup>1</sup>	0 <sup>1</sup>	0 <sup>1</sup>	0	0	0	0	0
		NC	80 *	70 <sup>1</sup>	70 <sup>1</sup>	70 <sup>1</sup>	70 <sup>1</sup>	0 <sup>c</sup>	0 <sup>CR</sup>	0 <sup>c</sup>	0 <sup>1</sup>	0 <sup>1</sup>	19	16 <sup>c</sup>	20 <sup>1</sup>	20 <sup>1</sup>	20 <sup>1</sup>	61	54	50	50	50
	Ven	All	10 *	1 <sup>1</sup>	1 <sup>1</sup>	1 <sup>1</sup>	1 <sup>1</sup>	0 <sup>c</sup>	0 <sup>CR</sup>	0 <sup>c</sup>	0 <sup>1</sup>	0 <sup>1</sup>	5	1 <sup>c</sup>	0 <sup>CR</sup>	0 <sup>1</sup>	0 <sup>1</sup>	5	0	1	1	1
		C	0	0 <sup>1</sup>	0 <sup>1</sup>	0 <sup>1</sup>	0 <sup>1</sup>	0	0 <sup>CR</sup>	0 <sup>c</sup>	0 <sup>1</sup>	0 <sup>1</sup>	0	0 <sup>c</sup>	0 <sup>c</sup>	0 <sup>1</sup>	0 <sup>1</sup>	0	0	0	0	0
		NC	10 *	1 <sup>1</sup>	1 <sup>1</sup>	1 <sup>1</sup>	1 <sup>1</sup>	0 <sup>c</sup>	0 <sup>CR</sup>	0 <sup>c</sup>	0 <sup>1</sup>	0 <sup>1</sup>	5	1 <sup>c</sup>	0 <sup>CR</sup>	0 <sup>1</sup>	0 <sup>1</sup>	5	0	1	1	1
	Ply	All	10 *	1 <sup>1</sup>	1 <sup>1</sup>	1 <sup>1</sup>	1 <sup>1</sup>	0 <sup>CR</sup>	92 <sup>c</sup>	0 <sup>CR</sup>	0 <sup>1</sup>	0 <sup>1</sup>	0	0 <sup>c</sup>	0 <sup>CR</sup>	0 <sup>1</sup>	0 <sup>1</sup>	10	93	1	1	1
		C	0	0 <sup>1</sup>	0 <sup>1</sup>	0 <sup>1</sup>	0 <sup>1</sup>	0	92 <sup>c</sup>	0 <sup>c</sup>	0 <sup>1</sup>	0 <sup>1</sup>	0	0 <sup>c</sup>	0 <sup>c</sup>	0 <sup>1</sup>	0 <sup>1</sup>	0	92	0	0	0
		NC	10 *	1 <sup>1</sup>	1 <sup>1</sup>	1 <sup>1</sup>	1 <sup>1</sup>	0 <sup>CR</sup>	0 <sup>CR</sup>	0 <sup>CR</sup>	0 <sup>1</sup>	0 <sup>1</sup>	0	0 <sup>c</sup>	0 <sup>CR</sup>	0 <sup>1</sup>	0 <sup>1</sup>	10	1	1	1	1
Congo, Rep.	Logs	All	1184	1187	1240	700 *	750 <sup>1</sup>	0	0 <sup>1</sup>	0 <sup>1</sup>	0 <sup>1</sup>	0 <sup>1</sup>	638	211 *	294 *	396 *	396 <sup>1</sup>	546	976	947	304	354
		C	0	0 <sup>1</sup>	0	0 <sup>1</sup>	0 <sup>1</sup>	0	0 <sup>1</sup>	0 <sup>1</sup>	0 <sup>1</sup>	0 <sup>1</sup>	0	0	0	0	0 <sup>1</sup>	0	0	0	0	0
		NC	1184	1187 <sup>1</sup>	1240	700 *	750 <sup>1</sup>	0	0 <sup>1</sup>	0 <sup>1</sup>	0 <sup>1</sup>	0 <sup>1</sup>	638	211 *	294 *	396 *	396 <sup>1</sup>	546	976	947	304	354
	Sawn	All	73	74	93	95 <sup>1</sup>	95 <sup>1</sup>	0	0 <sup>1</sup>	0 <sup>1</sup>	0 <sup>1</sup>	0 <sup>1</sup>	47	62 *	63 *	95 *	95 <sup>1</sup>	26	12	29	0	0
		C	0	0 <sup>1</sup>	0	0 <sup>1</sup>	0 <sup>1</sup>	0	0 <sup>1</sup>	0 <sup>1</sup>	0 <sup>1</sup>	0 <sup>1</sup>	0	0	0	0	0 <sup>1</sup>	0	0	0	0	0
		NC	73	74 <sup>1</sup>	93	95 <sup>1</sup>	95 <sup>1</sup>	0	0 <sup>1</sup>	0 <sup>1</sup>	0 <sup>1</sup>	0 <sup>1</sup>	47	62 *	63 *	95 *	95 <sup>1</sup>	26	12	29	0	0
	Ven	All	52	19	10	12 *	13 <sup>1</sup>	0	0 <sup>1</sup>	0 <sup>1</sup>	0 <sup>1</sup>	0 <sup>1</sup>	46	8 *	8 *	12 *	12 <sup>1</sup>	6	11	2	0	1
		C	0	0 <sup>1</sup>	0	0 <sup>1</sup>	0 <sup>1</sup>	0	0 <sup>1</sup>	0 <sup>1</sup>	0 <sup>1</sup>	0 <sup>1</sup>	0	0	0	0	0 <sup>1</sup>	0	0	0	0	0
		NC	52	19 <sup>1</sup>	10	12 *	13 <sup>1</sup>	0	0 <sup>1</sup>	0 <sup>1</sup>	0 <sup>1</sup>	0 <sup>1</sup>	46	8 *	8 *	12 *	12 <sup>1</sup>	6	11	2	0	1
	Ply	All	2	3	1 <sup>1</sup>	0 <sup>1</sup>	0 <sup>1</sup>	0	0 <sup>1</sup>	0 <sup>1</sup>	0 <sup>1</sup>	0 <sup>1</sup>	0	0 *	0 <sup>R</sup>	0 <sup>1</sup>	0 <sup>1</sup>	2	3	1	0	0
		C	0	0 <sup>1</sup>	0 <sup>1</sup>	0 <sup>1</sup>	0 <sup>1</sup>	0	0 <sup>1</sup>	0 <sup>1</sup>	0 <sup>1</sup>	0 <sup>1</sup>	0	0	0	0 <sup>1</sup>	0 <sup>1</sup>	0	0	0	0	0
		NC	2	3 <sup>1</sup>	1 <sup>1</sup>	0 <sup>1</sup>	0 <sup>1</sup>	0	0 <sup>1</sup>	0 <sup>1</sup>	0 <sup>1</sup>	0 <sup>1</sup>	0	0 *	0 <sup>R</sup>	0 <sup>1</sup>	0 <sup>1</sup>	2	3	1	0	0
Côte d'Ivoire	Logs	All	2245	2222	2500	2615	2500	0	84	60	37	25	93	105	136	127	130	2152	2201	2424	2525	2395
		C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NC	2245	2222	2500	2615	2500	0	84	60	37	25	93	105	136	127	130	2152	2201	2424	2525	2395
	Sawn	All	623	611	603	630	625	0	0	0	0	0	508	479	460	396	425	115	132	143	234	200
		C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NC	623	611	603	630	625	0	0	0	0	0	508	479	460	396	425	115	132	143	234	200
	Ven	All	274	269	297	296	300	0	0	0	0	0	156	153	113	121	120	118	116	184	175	180
		C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NC	274	269	297	296	300	0	0	0	0	0	156	153	113	121	120	118	116	184	175	180
	Ply	All	67	59	80	81	80	0	0	0	0	0	14	22	40	34	40	53	37	40	47	40
		C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NC	67	59	80	81	80	0	0	0	0	0	14	22	40	34	40	53	37	40	47	40

**Table 1-1-c. Production, Trade and Consumption of All Timber by ITTO Producers (1000 m<sup>3</sup>)**

Country	Product	Species	Production					Imports					Exports					Domestic Consumption				
			1998	1999	2000	2001	2002	1998	1999	2000	2001	2002	1998	1999	2000	2001	2002	1998	1999	2000	2001	2002
Gabon	Logs	All	2400	3635	3715	4216	4000	0	0	0	0	0	1773	2338	2584	2505	2000	627	1297	1131	1711	2000
		C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Sawn	All	2400	3635	3715	4216	4000	0	0	0	0	0	1773	2338	2584	2505	2000	627	1297	1131	1711	2000
		C	60	98	88	112	117	0 <sup>R</sup>	0	0 <sup>R</sup>	14	14	55	69	79	77	117	5	29	9	49	14
	Ven	All	60	98	88	112	117	0 <sup>R</sup>	0	0	0 <sup>R</sup>	0	0	0	0	0	0	0	0	0	0	0
		C	60	98	88	112	117	0 <sup>R</sup>	0 <sup>I</sup>	0 <sup>R</sup>	13 <sup>I</sup>	14 <sup>I</sup>	55	69	79	77	117	5	29	9	48	14
	Ply	All	76	133	91	110	110 <sup>I</sup>	1 <sup>I</sup>	1 <sup>C</sup>	2	0	3	40	124	91	104	66 <sup>I</sup>	37	9	2	6	47
		C	0	0	0	0	0	0 <sup>R</sup>	1 <sup>C</sup>	0 <sup>R</sup>	0	0	0	0	0	0	0	0	1	0	0	0
	NC	All	76	133	91	110	110 <sup>I</sup>	1 <sup>I</sup>	0 <sup>CR</sup>	2 <sup>I</sup>	0	3 <sup>I</sup>	40	124	91	104	66 <sup>I</sup>	37	9	2	6	47
		C	115	134	104	75	141	9 <sup>I</sup>	42	43	20	10	57	77	78	57	141	67	100	69	38	10
	NC	All	0	0	0	0	0	1	0	43	20	0	0	0	0	0	0	1	0	43	20	0
		C	115	134	104	75	141	8 <sup>I</sup>	42	0	0	10 <sup>I</sup>	57	77	78	57	141	66	100	26	18	10
Ghana	Logs	All	1138	1102	998	1212	1000	0	0	0	0	0	0	0	0	0	0	1138	1102	998	1212	1000
		C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Sawn	All	1138	1102	998	1212	1000	0	0	0	0	0	0	0	0	0	0	1138	1102	998	1212	1000
		C	590	454	475	480	461	0	0	0	0	0	253	250	243	239	288	337	204	232	241	173
	Ven	All	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		C	590	454	475	480	461	0	0	0	0	0	253	250	243	239	288	337	204	232	241	173
	Ply	All	90	150	245	259	264	0	0	0	0	0	84	101	111	114	112	6	49	134	145	152
		C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	NC	All	90 <sup>I</sup>	150	245	259	264	0	0	0	0	0	84	101	111	114	112	6	49	134	145	152
		C	71	75	90	114	104	0	0	0	0	0	12	25	47	53	40	59	50	43	61	64
	NC	All	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		C	71	75	90	114	104	0	0	0	0	0	12	25	47	53	40	59	50	43	61	64
Liberia	Logs	All	157	354	934	982 <sup>*</sup>	1364	0	0	0	0	0	81	208	850 <sup>I</sup>	900 <sup>I</sup>	981	76	146	84	82	383
		C	0	0	0	0	0	0	0	0	0	0	0	0	0 <sup>I</sup>	0 <sup>I</sup>	0	0	0	0	0	0
	Sawn	All	157	354	934	982 <sup>*</sup>	1364	0	0	0	0	0	81	208	850 <sup>I</sup>	900 <sup>I</sup>	981	76	146	84	82	383
		C	6	4	10	20 <sup>I</sup>	30 <sup>I</sup>	0	0	0	0	0	0	0 <sup>R</sup>	6	6 <sup>I</sup>	6 <sup>I</sup>	6	4	4	14	24
	Ven	All	0	0	0	0 <sup>I</sup>	0 <sup>I</sup>	0	0	0	0	0	0	0	0	0 <sup>I</sup>	0 <sup>I</sup>	0	0	0	0	0
		C	6	4	10	20 <sup>I</sup>	30 <sup>I</sup>	0	0	0	0	0	0	0 <sup>R</sup>	6	6 <sup>I</sup>	6 <sup>I</sup>	6	4	4	14	24
	Ply	All	0	0	0	0 <sup>I</sup>	0 <sup>I</sup>	0	0	0	0	0	0	0	0	0 <sup>I</sup>	0 <sup>I</sup>	0	0	0	0	0
		C	0	0	0	0 <sup>I</sup>	0 <sup>I</sup>	0	0	0	0	0	0	0	0	0 <sup>I</sup>	0 <sup>I</sup>	0	0	0	0	0
	NC	All	0	0	0	0 <sup>I</sup>	0 <sup>I</sup>	0	0	0	0	0	0	0	0	0 <sup>I</sup>	0 <sup>I</sup>	0	0	0	0	0
		C	0 <sup>R</sup>	0	0	0 <sup>I</sup>	0 <sup>I</sup>	0 <sup>R</sup>	0	0	0	0	0	0	0	0 <sup>I</sup>	0 <sup>I</sup>	0	0	0	0	0
	NC	All	0	0	0	0 <sup>I</sup>	0 <sup>I</sup>	0	0	0	0	0	0	0	0	0 <sup>I</sup>	0 <sup>I</sup>	0	0	0	0	0
		C	0 <sup>R</sup>	0	0	0 <sup>I</sup>	0 <sup>I</sup>	0 <sup>R</sup>	0	0	0	0	0	0	0	0 <sup>I</sup>	0 <sup>I</sup>	0	0	0	0	0

**Table 1-1-c. Production, Trade and Consumption of All Timber by ITTO Producers (1000 m<sup>3</sup>)**

Country	Product	Species	Production					Imports					Exports					Domestic Consumption				
			1998	1999	2000	2001	2002	1998	1999	2000	2001	2002	1998	1999	2000	2001	2002	1998	1999	2000	2001	2002
Togo	Logs	All	287	314	306	235	300	2	2	5	1	1	16	11	28	17	15	273	305	283	219	286
		C	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0
		NC	287	314	306	235	300	1	2	5	1	1	16	11	28	17	15	272	305	283	219	286
	Sawn	All	18	21	19	15	12	2	8	8	10	15	1	1	2	6	5	19	28	25	19	22
		C	0	0	0	0	0	0	0 <sup>R</sup>	0	0	0	0	0	0	0	0	0	0	0	0	0
		NC	18	21	19	15	12	2	7	8	10	15	1	1	2	6	5	19	28	25	19	22
	Ven	All	0	0	0	0	0	0 <sup>R</sup>	0 <sup>R</sup>	0	0	0	0	0	0	0	0	0	0	0	0	0
		C	0	0	0	0	0	0	0 <sup>R</sup>	0	0	0	0	0	0	0	0	0	0	0	0	0
		NC	0	0	0	0	0	0 <sup>R</sup>	0 <sup>R</sup>	0	0	0	0	0	0	0	0	0	0	0	0	0
	Ply	All	0	0	0	0	0	0 <sup>R</sup>	1	1	1	1	0	0	0	0	0	0	1	1	1	1
		C	0	0	0	0	0	0	0 <sup>R</sup>	0	0	0	0	0	0	0	0	0	0	0	0	0
		NC	0	0	0	0	0	0 <sup>R</sup>	1	1	1	1	0	0	0	0	0	0	1	1	1	1
Asia-Pacific	Logs	All	83167	82385	80538	76491	74809	3186	3963	4236	4495	3532	7983	9974	11536	11119	8438	78370	76374	73239	69866	69904
		C	3295	3248	3573	3386	2790	318	451	353	513	459	10	14	1	27	21	3603	3684	3926	3873	3228
		NC	79872	79137	76964	73105	72019	2868	3512	3883	3981	3074	7973	9960	11535	11093	8417	74767	72689	69313	65994	66676
	Sawn	All	21486	21127	21055	20250	20141	1698	1822	2085	2880	1665	3575	3537	4487	5570	5657	19609	19412	18654	17560	16149
		C	1403	1379	1149	1157	1150	89	176	259	294	196	9	31	24	54	47	1483	1524	1383	1396	1299
		NC	20083	19748	19907	19092	18991	1609	1646	1826	2587	1469	3566	3506	4463	5515	5610	18126	17888	17270	16164	14849
	Ven	All	1078	1244	1452	1066	1226	104	232	224	230	195	956	1047	1013	715	604	226	429	663	582	817
		C	0	0	0	2	0	6	10	17	9	7	0	2	1	3	2	6	8	16	9	5
		NC	1078	1244	1452	1064	1226	98	222	207	221	189	955	1045	1011	712	602	221	421	647	573	812
	Ply	All	12383	12298	13464	12473	12707	102	97	107	86	73	11201	9750	11319	10028	9914	1284	2646	2252	2531	2866
		C	10	10	15	17	10	24	35	17	17	21	18	34	6	6	2	16	11	26	28	29
		NC	12373	12288	13449	12456	12697	78	63	90	69	51	11183	9716	11313	10022	9912	1268	2635	2226	2503	2837
Cambodia	Logs	All	550	291	179	121	110 <sup>1</sup>	0	0	0 <sup>1</sup>	0 <sup>1</sup>	0 <sup>1</sup>	7 <sup>C</sup>	0	0	0	0	543	291	179	121	110
		C	0	0	0	0	0 <sup>1</sup>	0	0	0 <sup>1</sup>	0 <sup>1</sup>	0 <sup>1</sup>	0	0	0	0	0	0	0	0	0	0
		NC	550	291	179	121	110 <sup>1</sup>	0	0	0 <sup>1</sup>	0 <sup>1</sup>	0 <sup>1</sup>	7 <sup>C</sup>	0	0	0	0	543	291	179	121	110
	Sawn	All	60 <sup>1</sup>	10	20	5	5 <sup>1</sup>	0	0	0 <sup>1</sup>	0 <sup>1</sup>	0 <sup>1</sup>	40	10	3	5	5	20	0	17	0	0
		C	0	0	0	0	0 <sup>1</sup>	0	0	0 <sup>1</sup>	0 <sup>1</sup>	0 <sup>1</sup>	0	0	0	0	0	0	0	0	0	0
		NC	60 <sup>1</sup>	10	20	5	5 <sup>1</sup>	0	0	0 <sup>1</sup>	0 <sup>1</sup>	0 <sup>1</sup>	40	10	3	5	5	20	0	17	0	0
	Ven	All	181	68	45 <sup>1</sup>	24 <sup>1</sup>	23 <sup>1</sup>	0	0	0 <sup>1</sup>	0 <sup>1</sup>	0 <sup>1</sup>	181	68	45	24	23	0	0	0	0	0
		C	0	0	0	0	0 <sup>1</sup>	0	0	0 <sup>1</sup>	0 <sup>1</sup>	0 <sup>1</sup>	0	0	0	0	0	0	0	0	0	0
		NC	181	68	45 <sup>1</sup>	24 <sup>1</sup>	23 <sup>1</sup>	0	0	0 <sup>1</sup>	0 <sup>1</sup>	0 <sup>1</sup>	181	68	45	24	23	0	0	0	0	0
	Ply	All	16	15	27 <sup>1</sup>	14	14 <sup>1</sup>	0	0	0 <sup>1</sup>	0 <sup>1</sup>	0 <sup>1</sup>	16	15	27	14	14	0	0	0	0	0
		C	0	0	0	0	0 <sup>1</sup>	0	0	0 <sup>1</sup>	0 <sup>1</sup>	0 <sup>1</sup>	0	0	0	0	0	0	0	0	0	0
		NC	16	15	27 <sup>1</sup>	14	14 <sup>1</sup>	0	0	0 <sup>1</sup>	0 <sup>1</sup>	0 <sup>1</sup>	16	15	27	14	14	0	0	0	0	0

**Table 1-1-c. Production, Trade and Consumption of All Timber by ITTO Producers (1000 m<sup>3</sup>)**

Country	Product	Species	Production					Imports					Exports					Domestic Consumption				
			1998	1999	2000	2001	2002	1998	1999	2000	2001	2002	1998	1999	2000	2001	2002	1998	1999	2000	2001	2002
Fiji	Logs	All	556	470	463	479	330	0 <sup>1</sup>	0	0	0	0	0	0	1 <sup>C</sup>	0 <sup>1</sup>	0 <sup>1</sup>	556	470	463	479	330
		C	422	390	356	367	240	0 <sup>1</sup>	0	0	0	0	0	0	0 <sup>CR</sup>	0 <sup>1</sup>	0 <sup>1</sup>	422	390	356	367	240
		NC	134	80	107	111	90	0 <sup>1</sup>	0	0	0	0	0	0	0 <sup>CR</sup>	0 <sup>1</sup>	0 <sup>1</sup>	134	80	107	111	90
	Sawn	All	131	64	72	78	65	0 <sup>R</sup>	0 <sup>R</sup>	1	0 <sup>R</sup>	0 <sup>R</sup>	24	17	10	10	9	107	47	62	68	57
		C	64	34	32	39	40	0 <sup>R</sup>	0 <sup>R</sup>	1	0 <sup>R</sup>	0 <sup>R</sup>	6	0	3	6	2	58	34	29	34	39
		NC	67	30	40	39	25	0 <sup>R</sup>	0	0	0	0	18	17	7	5	7	49	13	33	34	18
	Ven	All	6	4	3	6	10	0	0	0	0	0	5	2	2	2	1	1	2	1	4	9
		C	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0
		NC	6	4	3	4	10	0	0	0	0	0	5	2	2	2	1	1	2	1	2	9
	Ply	All	5 <sup>1</sup>	7	9	14	10	0 <sup>R</sup>	0	0	0 <sup>R</sup>	1 <sup>R</sup>	5	4	4	4	5	0	3	5	10	6
		C	0	0	0	2	0	0 <sup>1</sup>	0	0	0	0 <sup>R</sup>	0 <sup>1</sup>	0	0	1	0	0	0	0	1	0
		NC	5 <sup>1</sup>	7	9	12	10	0 <sup>R</sup>	0	0	0 <sup>R</sup>	0	5	4	4	3	5	0	3	5	9	5
India	Logs	All	18350 <sup>F</sup>	17350 <sup>1</sup>	16500 <sup>1</sup>	16500 <sup>1</sup>	16500 <sup>1</sup>	1900 <sup>1</sup>	2093 <sup>1</sup>	2138 <sup>1</sup>	2486 <sup>1</sup>	2486 <sup>1</sup>	3 <sup>C</sup>	2 <sup>C</sup>	1 <sup>C</sup>	37 <sup>C</sup>	35 <sup>1</sup>	20247	19441	18638	18949	18951
		C	2538 <sup>F</sup>	2538 <sup>1</sup>	2500 <sup>1</sup>	2500 <sup>1</sup>	2500 <sup>1</sup>	290 <sup>1</sup>	280 <sup>1</sup>	188 <sup>C</sup>	386 <sup>C</sup>	386 <sup>1</sup>	0 <sup>C</sup>	0 <sup>C</sup>	0 <sup>CR</sup>	5 <sup>C</sup>	5 <sup>1</sup>	2828	2818	2688	2881	2881
		NC	15812 <sup>F</sup>	14812 <sup>1</sup>	14000 <sup>1</sup>	14000 <sup>1</sup>	14000 <sup>1</sup>	1610 <sup>C</sup>	1813 <sup>C</sup>	1950 <sup>1</sup>	2100 <sup>1</sup>	2100 <sup>1</sup>	3 <sup>C</sup>	2 <sup>C</sup>	1 <sup>C</sup>	32 <sup>C</sup>	30 <sup>1</sup>	17419	16623	15949	16068	16070
	Sawn	All	8400 <sup>1</sup>	8400 <sup>1</sup>	7900 <sup>1</sup>	7900 <sup>1</sup>	7900 <sup>1</sup>	9 <sup>C</sup>	5 <sup>C</sup>	17 <sup>C</sup>	29 <sup>C</sup>	29 <sup>1</sup>	2 <sup>C</sup>	1 <sup>C</sup>	6 <sup>C</sup>	10 <sup>C</sup>	10 <sup>1</sup>	8407	8404	7911	7919	7919
		C	1200 <sup>1</sup>	1200 <sup>1</sup>	1100 <sup>1</sup>	1100 <sup>1</sup>	1100 <sup>1</sup>	2 <sup>C</sup>	2 <sup>C</sup>	8 <sup>C</sup>	14 <sup>C</sup>	14 <sup>1</sup>	1 <sup>C</sup>	0 <sup>CR</sup>	1 <sup>C</sup>	0 <sup>CR</sup>	0 <sup>1</sup>	1201	1202	1107	1114	1114
		NC	7200 <sup>1</sup>	7200 <sup>1</sup>	6800 <sup>1</sup>	6800 <sup>1</sup>	6800 <sup>1</sup>	7 <sup>C</sup>	2 <sup>C</sup>	9 <sup>C</sup>	15 <sup>C</sup>	15 <sup>1</sup>	1 <sup>C</sup>	0 <sup>CR</sup>	6 <sup>C</sup>	10 <sup>C</sup>	10 <sup>1</sup>	7206	7202	6803	6805	6805
	Ven	All	15 <sup>1</sup>	15 <sup>1</sup>	15 <sup>1</sup>	15 <sup>1</sup>	15 <sup>1</sup>	12 <sup>C</sup>	3 <sup>C</sup>	1 <sup>C</sup>	1 <sup>C</sup>	1 <sup>1</sup>	3 <sup>C</sup>	3 <sup>C</sup>	1 <sup>C</sup>	0 <sup>CR</sup>	0 <sup>1</sup>	24	15	16	16	16
		C	0 <sup>1</sup>	0 <sup>1</sup>	0 <sup>1</sup>	0 <sup>1</sup>	0 <sup>1</sup>	1 <sup>C</sup>	1 <sup>C</sup>	0 <sup>C</sup>	0 <sup>CR</sup>	0 <sup>1</sup>	0 <sup>C</sup>	1 <sup>C</sup>	0 <sup>CR</sup>	0 <sup>CR</sup>	0 <sup>1</sup>	1	0	0	0	0
		NC	15 <sup>1</sup>	15 <sup>1</sup>	15 <sup>1</sup>	15 <sup>1</sup>	15 <sup>1</sup>	11 <sup>C</sup>	2 <sup>C</sup>	1 <sup>C</sup>	1 <sup>C</sup>	1 <sup>1</sup>	2 <sup>C</sup>	2 <sup>C</sup>	1 <sup>C</sup>	0 <sup>CR</sup>	0 <sup>1</sup>	24	15	16	16	16
	Ply	All	310 <sup>1</sup>	310 <sup>1</sup>	310 <sup>1</sup>	310 <sup>1</sup>	310 <sup>1</sup>	31 <sup>C</sup>	18 <sup>C</sup>	6 <sup>C</sup>	5 <sup>C</sup>	5 <sup>1</sup>	104 <sup>C</sup>	55 <sup>C</sup>	2 <sup>C</sup>	3 <sup>C</sup>	3 <sup>1</sup>	237	272	314	312	312
		C	10 <sup>1</sup>	10 <sup>1</sup>	10 <sup>1</sup>	10 <sup>1</sup>	10 <sup>1</sup>	17 <sup>C</sup>	11 <sup>C</sup>	0 <sup>C</sup>	1 <sup>C</sup>	1 <sup>1</sup>	17 <sup>C</sup>	14 <sup>C</sup>	0 <sup>C</sup>	1 <sup>C</sup>	1 <sup>1</sup>	10	7	10	11	10
		NC	300 <sup>1</sup>	300 <sup>1</sup>	300 <sup>1</sup>	300 <sup>1</sup>	300 <sup>1</sup>	14 <sup>C</sup>	7 <sup>C</sup>	6 <sup>C</sup>	4 <sup>C</sup>	4 <sup>1</sup>	88 <sup>C</sup>	42 <sup>C</sup>	2 <sup>C</sup>	2 <sup>C</sup>	2 <sup>1</sup>	226	265	304	301	302
Indonesia	Logs	All	34315 <sup>1</sup>	33300 <sup>1</sup>	27000 <sup>1</sup>	27000 <sup>1</sup>	25000 <sup>1</sup>	150 <sup>1</sup>	217	171 <sup>W</sup>	133 <sup>1</sup>	133 <sup>1</sup>	109 <sup>1</sup>	269	1626 <sup>WI</sup>	3469 <sup>WI</sup>	2017 <sup>1</sup>	34356	33248	25546	23665	23117
		C	315 <sup>1</sup>	300 <sup>1</sup>	0	0	0 <sup>1</sup>	10 <sup>1</sup>	125	40 <sup>W</sup>	20 <sup>1</sup>	20 <sup>1</sup>	10 <sup>1</sup>	10 <sup>1</sup>	1 <sup>W</sup>	17 <sup>W</sup>	17 <sup>1</sup>	315	415	39	3	3
		NC	34000 <sup>1</sup>	33000 <sup>1</sup>	27000 <sup>1</sup>	27000 <sup>1</sup>	25000 <sup>1</sup>	140 <sup>1</sup>	92	132 <sup>W</sup>	113 <sup>W</sup>	113 <sup>1</sup>	99 <sup>1</sup>	259 <sup>+</sup>	1625 <sup>WI</sup>	3452 <sup>WI</sup>	2000 <sup>1</sup>	34041	32833	25507	23661	23113
	Sawn	All	7125 <sup>1</sup>	6625 <sup>1</sup>	6500 <sup>+</sup>	6400 <sup>+</sup>	6250 <sup>+</sup>	1 <sup>1</sup>	65	122 <sup>W</sup>	97 <sup>W</sup>	97 <sup>1</sup>	575	1329 <sup>1</sup>	1464 <sup>WI</sup>	2465 <sup>WI</sup>	2545 <sup>1</sup>	6551	5361	5158	4033	3802
		C	125 <sup>1</sup>	125 <sup>1</sup>	0	0	0	0 <sup>1</sup>	46	87 <sup>W</sup>	65 <sup>W</sup>	65 <sup>1</sup>	0	29 <sup>C</sup>	20 <sup>WI</sup>	41 <sup>W</sup>	45 <sup>1</sup>	125	143	67	24	20
		NC	7000 <sup>1</sup>	6500 <sup>1</sup>	6500 <sup>+</sup>	6400 <sup>+</sup>	6250 <sup>+</sup>	1 <sup>1</sup>	19	35 <sup>W</sup>	32 <sup>W</sup>	32 <sup>1</sup>	575	1300 <sup>1</sup>	1443 <sup>WI</sup>	2424 <sup>WI</sup>	2500 <sup>1</sup>	6426	5219	5092	4008	3782
	Ven	All	50 <sup>1</sup>	50 <sup>1</sup>	69 <sup>1</sup>	94	94 <sup>1</sup>	5 <sup>1</sup>	7	6 <sup>W</sup>	7 <sup>W</sup>	7 <sup>1</sup>	2	5	4 <sup>W</sup>	7 <sup>W</sup>	7 <sup>1</sup>	53	52	71	94	94
		C	0 <sup>1</sup>	0 <sup>1</sup>	0	0	0 <sup>1</sup>	0 <sup>1</sup>	2	3 <sup>W</sup>	4 <sup>W</sup>	4 <sup>1</sup>	0	0	1 <sup>W</sup>	2 <sup>W</sup>	2 <sup>1</sup>	0	2	1	2	2
		NC	50 <sup>1</sup>	50 <sup>1</sup>	69 <sup>1</sup>	94	94 <sup>1</sup>	5 <sup>1</sup>	5	3 <sup>W</sup>	3 <sup>W</sup>	3 <sup>1</sup>	2	5	3 <sup>W</sup>	5 <sup>W</sup>	5 <sup>1</sup>	53	50	69	92	92
	Ply	All	7800	7500 <sup>1</sup>	8200 <sup>+</sup>	7300 <sup>+</sup>	7300 <sup>+</sup>	5 <sup>1</sup>	9	6 <sup>W</sup>	3 <sup>W</sup>	0 <sup>1</sup>	7424 <sup>1</sup>	6291 <sup>C</sup>	7768 <sup>+</sup>	6336 <sup>+</sup>	6500 <sup>+</sup>	381	1218	438	967	800
		C	0 <sup>1</sup>	0 <sup>1</sup>	0	0	0 <sup>1</sup>	1 <sup>1</sup>	2 <sup>1</sup>	5 <sup>W</sup>	3 <sup>W</sup>	0 <sup>1</sup>	0	0 <sup>1</sup>	0 <sup>1</sup>	0 <sup>1</sup>	0 <sup>1</sup>	1	2	5	3	0
		NC	7800	7500 <sup>1</sup>	8200 <sup>+</sup>	7300 <sup>+</sup>	7300 <sup>+</sup>	4 <sup>1</sup>	7 <sup>1</sup>	1 <sup>W</sup>	1 <sup>W</sup>	0 <sup>+</sup>	7424	6291 <sup>C</sup>	7768 <sup>+</sup>	6336 <sup>+</sup>	6500 <sup>+</sup>	380	1216	433	965	800

**Table 1-1-c. Production, Trade and Consumption of All Timber by ITTO Producers (1000 m<sup>3</sup>)**

Country	Product	Species	Production					Imports					Exports					Domestic Consumption				
			1998	1999	2000	2001	2002	1998	1999	2000	2001	2002	1998	1999	2000	2001	2002	1998	1999	2000	2001	2002
Malaysia	Logs	All	21872	21838	23497	19179	19500 <sup>+</sup>	423	604	855	807	162	5583	6735	6801	5041 <sup>+</sup>	4300 <sup>+</sup>	16712	15707	17551	14945	15362
		C	0	0	667	469	0	0	0	50 <sup>1</sup>	17	0	0	0	0 <sup>1</sup>	0	0	0	0	717	486	0
		NC	21872	21838	22830	18710	19500 <sup>+</sup>	423	604	805 <sup>1</sup>	790	162	5583	6735	6801 <sup>1</sup>	5041 <sup>+</sup>	4300 <sup>+</sup>	16712	15707	16834	14459	15362
	Sawn	All	5091	5237	5590	4696	5000 <sup>+</sup>	436	364	567	1112	245	2703	1863	2407	2357 <sup>+</sup>	2500 <sup>+</sup>	2824	3738	3750	3451	2745
		C	0	0	0	0	0	0	0 <sup>R</sup>	20 <sup>1</sup>	27	0	0	0	0	0	0	0	0	20	27	0
		NC	5091	5237	5590	4696	5000 <sup>+</sup>	436	364	547 <sup>1</sup>	1085	245	2703	1863	2407	2357 <sup>+</sup>	2500 <sup>+</sup>	2824	3738	3730	3424	2745
	Ven	All	760	1008	1117	649	750 <sup>+</sup>	13	68	79	95	43	730	959	934	656 <sup>+</sup>	550 <sup>+</sup>	43	117	262	88	243
		C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NC	760	1008	1117	649	750 <sup>+</sup>	13	68	79	95	43	730	959	934	656 <sup>+</sup>	550 <sup>+</sup>	43	117	262	88	243
	Ply	All	3904	4123	4434	4318	4600 <sup>+</sup>	34	45	42	28	17	3631	3340 <sup>+</sup>	3420	3580	3350	307	828	1056	766	1267
		C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NC	3904	4123	4434	4318	4600 <sup>+</sup>	34	45 <sup>1</sup>	42	28	17	3631	3340 <sup>+</sup>	3420	3580	3350	307	828	1056	766	1267
Myanmar	Logs	All	2264	3347	3612	3962	3399	0	0	0	0	0	656	980	1115	1011	582	1608	2367	2497	2951	2817
		C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NC	2264 <sup>1</sup>	3347	3612	3962	3399	0	0	0	0	0	656	980	1115	1011	582	1608	2367	2497	2951	2817
	Sawn	All	299	298	545	671	379	0	0	0	0	0	99	42	126	243	29	200	256	419	428	349
		C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NC	299	298	545	671	379	0	0	0	0	0	99	42	126	243	29	200	256	419	428	349
	Ven	All	0 <sup>R</sup>	2	1	1	0 <sup>R</sup>	0	0	0	0	0	0	0 <sup>R</sup>	1	1	0 <sup>R</sup>	0	2	0	0	0
		C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NC	0 <sup>R</sup>	2	1	1	0 <sup>R</sup>	0	0	0	0	0	0	0 <sup>R</sup>	1	1	0 <sup>R</sup>	0	2	0	0	0
	Ply	All	8	8	55	53	19	0	0	0	0	0	1	2	46	45	5	7	6	9	8	15
		C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NC	8	8	55	53	19	0	0	0	0	0	1	2	46	45	5	7	6	9	8	15
Papua New Guinea	Logs	All	1720	2120	2184	1708	1750 <sup>1</sup>	0	0 <sup>CR</sup>	0 <sup>C</sup>	0 <sup>1</sup>	0 <sup>1</sup>	1613	1988 <sup>1</sup>	1993	1556	1500	107	132	192	152	250
		C	20 <sup>1</sup>	20 <sup>1</sup>	50	50	50	0	0 <sup>CR</sup>	0 <sup>CR</sup>	0 <sup>1</sup>	0 <sup>1</sup>	0	4 <sup>C</sup>	0	0	0	20	16	50	50	50
		NC	1700 <sup>1</sup>	2100 <sup>1</sup>	2134	1658	1700 <sup>1</sup>	0	0 <sup>CR</sup>	0 <sup>CR</sup>	0 <sup>1</sup>	0 <sup>1</sup>	1613	1984	1993	1556	1500	87	116	141	102	200
	Sawn	All	40 <sup>1</sup>	40 <sup>1</sup>	40	40	70	0	0 <sup>C</sup>	0 <sup>CR</sup>	0 <sup>1</sup>	0 <sup>1</sup>	26	20	30 <sup>1</sup>	30 <sup>1</sup>	50	14	20	10	10	20
		C	10 <sup>1</sup>	10 <sup>1</sup>	0 <sup>1</sup>	0 <sup>1</sup>	10 <sup>1</sup>	0	0 <sup>C</sup>	0 <sup>C</sup>	0 <sup>1</sup>	0 <sup>1</sup>	0	1 <sup>C</sup>	0	0	0	10	9	0	0	10
		NC	30 <sup>1</sup>	30 <sup>1</sup>	40 <sup>1</sup>	40 <sup>1</sup>	60 <sup>1</sup>	0	0 <sup>C</sup>	0 <sup>CR</sup>	0 <sup>1</sup>	0 <sup>1</sup>	26	19 <sup>1</sup>	30 <sup>1</sup>	30 <sup>1</sup>	50	4	11	10	10	10
	Ven	All	5 <sup>1</sup>	5 <sup>1</sup>	20	20 <sup>1</sup>	20 <sup>1</sup>	0	0 <sup>CR</sup>	0 <sup>C</sup>	0 <sup>1</sup>	0 <sup>1</sup>	0	2 <sup>C</sup>	20	20 <sup>1</sup>	20 <sup>1</sup>	5	4	0	0	0
		C	0 <sup>1</sup>	0 <sup>1</sup>	0	0	0 <sup>1</sup>	0	0 <sup>CR</sup>	0 <sup>C</sup>	0 <sup>1</sup>	0 <sup>1</sup>	0	0 <sup>C</sup>	0	0	0 <sup>1</sup>	0	0	0	0	0
		NC	5 <sup>1</sup>	5 <sup>1</sup>	20	20 <sup>1</sup>	20 <sup>1</sup>	0	0 <sup>C</sup>	0 <sup>C</sup>	0 <sup>1</sup>	0 <sup>1</sup>	0	2 <sup>C</sup>	20	20 <sup>1</sup>	20 <sup>1</sup>	5	3	0	0	0
	Ply	All	5 <sup>1</sup>	10 <sup>1</sup>	9 <sup>1</sup>	9 <sup>1</sup>	5	0	0 <sup>CR</sup>	0 <sup>C</sup>	0 <sup>1</sup>	0 <sup>1</sup>	0	7 <sup>C</sup>	0 <sup>R</sup>	1	3	5	3	9	8	2
		C	0 <sup>1</sup>	0 <sup>1</sup>	4	4	0 <sup>1</sup>	0	0 <sup>CR</sup>	0 <sup>C</sup>	0 <sup>1</sup>	0 <sup>1</sup>	0	0 <sup>R</sup>	0 <sup>R</sup>	1	0	0	0	4	3	0
		NC	5 <sup>1</sup>	10 <sup>1</sup>	5 <sup>1</sup>	5 <sup>1</sup>	5 <sup>1</sup>	0	0 <sup>CR</sup>	0 <sup>C</sup>	0 <sup>1</sup>	0 <sup>1</sup>	0	7 <sup>C</sup>	0	0	3	5	3	5	5	2

**Table 1-1-c. Production, Trade and Consumption of All Timber by ITTO Producers (1000 m<sup>3</sup>)**

Country	Product	Species	Production					Imports					Exports					Domestic Consumption				
			1998	1999	2000	2001	2002	1998	1999	2000	2001	2002	1998	1999	2000	2001	2002	1998	1999	2000	2001	2002
Philippines	Logs	All	634	730	800	401	390	435	584	585	551	531	0	0 <sup>R</sup>	0	5	1 <sup>I</sup>	1069	1314	1385	947	921
		C	0	0	0	0	0	11	26	41	53	32	0	0	0 <sup>R</sup>	5	0	11	26	41	48	32
		NC	634	730	800	401	390	424	558	543	498	499	0	0 <sup>R</sup>	0	0 <sup>R</sup>	1 <sup>I</sup>	1058	1288	1343	899	889
	Sawn	All	222	288	151	199	188	296	381	359	371	369	41	69	120	105	121	477	600	389	465	436
		C	0	0	0	0	0	28	46	46	91	44	2	0 <sup>R</sup>	0	8	0	26	45	46	83	44
		NC	222	288	151	199	188	268	336	313	280	325	39	69	120	97	121	451	555	343	381	392
	Ven	All	59	89	178	255	311	63	139	123	114	130	32	5	5	3	2	90	223	296	366	439
		C	0	0	0	0	0	5	6	15	4	3	0	0 <sup>R</sup>	0 <sup>R</sup>	1	0 <sup>R</sup>	5	6	15	3	3
		NC	59	89	178	255	311	58	133	108	110	127	32	4	5	2	2	85	218	282	362	437
	Ply	All	281	243	326	348	329	5	5	5	8	8	6	12	11	7	7	280	236	320	349	330
		C	0	0	0	0	0	1	1 <sup>I</sup>	4	5	0	0	0	3	1	0	1	1	2	3	0
		NC	281	243	326	348	329	4	4	0 <sup>R</sup>	4	8	6	12	8	5	7	279	235	318	346	330
Thailand	Logs	All	2872	2898 <sup>F</sup>	6262	7101	7800	278	466	487	517	220	12	0	0 <sup>R</sup>	0 <sup>R</sup>	3	3138	3364	6749	7618	8017
		C	0	0	0	0	0	7	20	34	37	21	0 <sup>R</sup>	0	0	0	0	7	20	34	37	21
		NC	2872	2898 <sup>F</sup>	6262	7101	7800	271	446	453	480	199	12	0	0 <sup>R</sup>	0 <sup>R</sup>	3	3131	3344	6715	7581	7996
	Sawn	All	103	147 <sup>I</sup>	220	233	270	955	1007	1020	1271	923	59	175	311	333	377	999	979	929	1171	816
		C	4	10 <sup>I</sup>	17	18	0	58	82	98	96	71	0 <sup>R</sup>	0	0 <sup>R</sup>	0 <sup>R</sup>	0	62	92	115	114	71
		NC	99	137	203	215	270	897	925	922	1175	852	59	174	311	333	377	937	888	814	1057	745
	Ven	All	2	3	4	3	3	11	14	15	12	14	3	2	2	2	1	10	15	17	13	16
		C	0	0	0	0	0	0	0 <sup>R</sup>	0	0	0	0 <sup>R</sup>	0	0 <sup>R</sup>	0 <sup>R</sup>	0	0	0	0	0	0
		NC	2	3	4	3	3	11	14	15	12	14	3	2	2	2	1	10	15	17	13	16
	Ply	All	53	82	93	107	120	27	21	48	41	41	13	24 <sup>I</sup>	40	38	27	67	79	101	110	134
		C	0	0	1	1	0	5	20	7	8	19	1	20 <sup>I</sup>	3	2	1	4	0	5	7	18
		NC	53	82	92	106	120	22	0 <sup>R</sup>	41	33	22	12	4	37	36	26	63	79	96	103	116
Vanuatu	Logs	All	34	41	40	40	30	0	0	0	0	0	0 <sup>R</sup>	0 <sup>R</sup>	0	0	1	34	41	40	40	29
		C	0 <sup>I</sup>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NC	34 <sup>F</sup>	41	40	40	30	0	0	0	0	0	0 <sup>R</sup>	0 <sup>R</sup>	0	0	1	34	41	40	40	29
	Sawn	All	15	18	18	28	14	1	0	0	0 <sup>R</sup>	1	6	12	10	12	11	10	6	8	16	4
		C	0 <sup>I</sup>	0	0	0	0	1	0	0	0 <sup>R</sup>	1	0	0	0	0	0	1	0	0	0	1
		NC	15 <sup>I</sup>	18	18	28	14	0	0	0	0 <sup>R</sup>	0	6	12	10	12	11	9	6	8	16	3
	Ven	All	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0
		C	0 <sup>I</sup>	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0
		NC	0 <sup>F</sup>	0	0	0	0	0	0	0	0 <sup>R</sup>	0	0	0	0	0	0	0	0	0	0	0
	Ply	All	1	0	0	0	0	0 <sup>R</sup>	0	0	0 <sup>R</sup>	1	0	0	0	0	0	1	0	0	0	1
		C	0 <sup>I</sup>	0	0	0	0	0 <sup>R</sup>	0	0	0 <sup>R</sup>	1	0	0	0	0	0	0	0	0	0	1
		NC	1 <sup>I</sup>	0	0	0	0	0 <sup>R</sup>	0	0	0 <sup>R</sup>	0	0	0	0	0	0	1	0	0	0	0

**Table 1-1-c. Production, Trade and Consumption of All Timber by ITTO Producers (1000 m<sup>3</sup>)**

Country	Product	Species	Production					Imports					Exports					Domestic Consumption				
			1998	1999	2000	2001	2002	1998	1999	2000	2001	2002	1998	1999	2000	2001	2002	1998	1999	2000	2001	2002
Latin America/ Caribbean	Logs	All	98470	114215	115819	115592	116305	60	36	55	126	115	1088	670	948	837	834	97443	113580	114927	114881	115586
		C	36782	42278	42626	42458	43039	55	12	11	18	17	706	304	548	481	454	36131	41986	42089	41994	42602
		NC	61688	71937	73193	73134	73267	5	24	44	108	98	382	366	400	356	380	61312	71594	72837	72886	72984
	Sawn	All	23343	21480	26293	26252	26246	354	289	258	249	207	1601	2291	2400	2597	3307	22096	19477	24151	23903	23146
		C	9599	7690	8588	8550	8634	86	97	55	43	36	780	1190	1285	1395	1864	8905	6596	7358	7198	6805
		NC	13744	13790	17705	17702	17604	268	192	203	205	172	821	1101	1115	1202	1443	13191	12881	16793	16705	16333
	Ven	All	513	675	738	735	734	33	22	26	30	16	156	118	91	70	98	390	579	673	695	652
		C	217	307	317	317	317	5	3	4	4	5	30	42	29	18	28	191	268	292	302	294
		NC	296	368	421	418	417	29	18	22	26	11	126	76	62	51	70	199	310	382	393	358
	Ply	All	2022	2507	2777	2611	2573	62	55	84	89	83	609	1271	1151	1549	830	1475	1292	1710	1151	1827
		C	828	1355	1722	1322	1323	38	25	43	39	32	240	633	529	558	301	626	747	1236	803	1055
		NC	1194	1152	1055	1290	1250	24	30	41	50	51	369	638	622	991	529	849	544	474	348	772
Bolivia	Logs	All	797	502	468	559	599	0 <sup>R</sup>	1	1	1	2	0 <sup>R</sup>	3	3	1	2	797	500	467	559	599
		C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NC	797	502	468	559	599	0 <sup>R</sup>	1	1	1	2	0 <sup>R</sup>	3	3	1	2	797	500	467	559	599
	Sawn	All	380 <sup>I</sup>	244	239	308	329	1	5	5	1	3	81	42	43	43	49	300	207	201	266	284
		C	0	0	0	0	0	1	4	4	0	1	0	0	0	0	0	1	4	4	0	1
		NC	380 <sup>I</sup>	244	239	308	329	0 <sup>R</sup>	1	1	1	2	81	42	43	43	49	299	203	197	266	283
	Ven	All	8	1	2	4	4	0 <sup>R</sup>	0 <sup>R</sup>	0 <sup>R</sup>	0 <sup>R</sup>	1	3	1	2	2	3	5	0	0	2	3
		C	0	0	0	0	0	0	0 <sup>R</sup>	0	0 <sup>R</sup>	0	0	0	0	0	0	0	0	0	0	0
		NC	8	1	2	4	4	0 <sup>R</sup>	0 <sup>R</sup>	0 <sup>R</sup>	0 <sup>R</sup>	1	3	1	2	2	3	5	0	0	2	3
	Ply	All	4	4	4	4	4 <sup>I</sup>	0	0	0	0	0	0	1	0	0	1	4	3	4	4	3
		C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NC	4	4	4	4	4 <sup>I</sup>	0	0	0	0	0	0	1	0	0	1	4	3	4	4	3
Brazil	Logs	All	83764 <sup>F</sup>	100395 <sup>*</sup>	102994 <sup>*</sup>	102994 <sup>I</sup>	102994 <sup>I</sup>	14 <sup>W</sup>	24 <sup>W</sup>	25 <sup>W</sup>	90 <sup>W</sup>	77 <sup>I</sup>	906 <sup>W</sup>	442 <sup>W</sup>	740 <sup>W</sup>	584 <sup>W</sup>	570 <sup>I</sup>	82872	99977	102279	102500	102502
		C	33058 <sup>F</sup>	38561 <sup>*</sup>	39666 <sup>*</sup>	39666 <sup>I</sup>	39666 <sup>I</sup>	10 <sup>W</sup>	9 <sup>W</sup>	8 <sup>W</sup>	8 <sup>W</sup>	9 <sup>I</sup>	662 <sup>W</sup>	303 <sup>W</sup>	529 <sup>W</sup>	480 <sup>W</sup>	453 <sup>I</sup>	32406	38267	39145	39194	39221
		NC	50706 <sup>F</sup>	61834 <sup>*</sup>	63328 <sup>*</sup>	63328 <sup>I</sup>	63328 <sup>I</sup>	4 <sup>W</sup>	15 <sup>W</sup>	17 <sup>W</sup>	82 <sup>W</sup>	68 <sup>I</sup>	244 <sup>W</sup>	139 <sup>W</sup>	212 <sup>W</sup>	104 <sup>W</sup>	116 <sup>I</sup>	50466	61710	63134	63306	63280
	Sawn	All	18300 <sup>I</sup>	17280 <sup>*</sup>	23100	23100 <sup>I</sup>	23100 <sup>I</sup>	243 <sup>W</sup>	145 <sup>W</sup>	159 <sup>W</sup>	167 <sup>W</sup>	130 <sup>*</sup>	1153 <sup>W</sup>	1944 <sup>W</sup>	2039 <sup>W</sup>	2162 <sup>W</sup>	2883 <sup>I</sup>	17390	15480	21220	21105	20347
		C	8500 <sup>I</sup>	6730 <sup>*</sup>	7800	7800 <sup>I</sup>	7800 <sup>I</sup>	4 <sup>W</sup>	0 <sup>RW</sup>	1 <sup>W</sup>	5 <sup>W</sup>	0 <sup>*</sup>	532 <sup>W</sup>	1015 <sup>W</sup>	1103 <sup>W</sup>	1148 <sup>W</sup>	1651 <sup>I</sup>	7972	5715	6698	6657	6149
		NC	9800 <sup>I</sup>	10550 <sup>*</sup>	15300	15300 <sup>I</sup>	15300 <sup>I</sup>	239 <sup>W</sup>	145 <sup>W</sup>	158 <sup>W</sup>	161 <sup>W</sup>	130 <sup>*</sup>	621 <sup>*</sup>	929 <sup>W</sup>	936 <sup>W</sup>	1013 <sup>W</sup>	1233 <sup>I</sup>	9418	9766	14522	14448	14197
	Ven	All	440 <sup>I</sup>	560 <sup>I</sup>	620 <sup>I</sup>	620 <sup>I</sup>	620 <sup>I</sup>	24 <sup>I</sup>	14 <sup>W</sup>	19 <sup>W</sup>	18 <sup>W</sup>	7 <sup>W</sup>	145 <sup>I</sup>	109 <sup>W</sup>	78 <sup>W</sup>	58 <sup>W</sup>	89 <sup>I</sup>	319	465	561	580	538
		C	200 <sup>I</sup>	240 <sup>I</sup>	250 <sup>I</sup>	250 <sup>I</sup>	250 <sup>I</sup>	0 <sup>RW</sup>	0 <sup>RW</sup>	1 <sup>W</sup>	0 <sup>W</sup>	2 <sup>W</sup>	30	42 <sup>W</sup>	28 <sup>W</sup>	18 <sup>W</sup>	28 <sup>I</sup>	170	198	223	232	224
		NC	240 <sup>I</sup>	320 <sup>I</sup>	370 <sup>I</sup>	370 <sup>I</sup>	370 <sup>I</sup>	24 <sup>I</sup>	14 <sup>W</sup>	18 <sup>W</sup>	18 <sup>W</sup>	5 <sup>W</sup>	115 <sup>*</sup>	67 <sup>W</sup>	50 <sup>W</sup>	39 <sup>W</sup>	61 <sup>I</sup>	149	267	338	348	314
	Ply	All	1700 <sup>I</sup>	2200 <sup>*</sup>	2470	2300 <sup>*</sup>	2300 <sup>I</sup>	1 <sup>W</sup>	1	1 <sup>W</sup>	2 <sup>W</sup>	0 <sup>R</sup>	500 <sup>I</sup>	1128	964 <sup>W</sup>	1377 <sup>W</sup>	733 <sup>W</sup>	1201	1073	1508	925	1567
		C	800 <sup>I</sup>	1320 <sup>*</sup>	1700 <sup>I</sup>	1300 <sup>*</sup>	1300 <sup>I</sup>	0 <sup>RW</sup>	0	0 <sup>I</sup>	0 <sup>I</sup>	0 <sup>I</sup>	236 <sup>I</sup>	620	523 <sup>W</sup>	551 <sup>I</sup>	293 <sup>I</sup>	564	700	1177	749	1007
		NC	900 <sup>I</sup>	880 <sup>*</sup>	770 <sup>I</sup>	1000 <sup>*</sup>	1000 <sup>I</sup>	1 <sup>I</sup>	1 <sup>I</sup>	1 <sup>I</sup>	2 <sup>I</sup>	0 <sup>I</sup>	264 <sup>*</sup>	508	440 <sup>W</sup>	826 <sup>I</sup>	440 <sup>I</sup>	637	373	331	175	561

**Table 1-1-c. Production, Trade and Consumption of All Timber by ITTO Producers (1000 m<sup>3</sup>)**

Country	Product	Species	Production					Imports					Exports					Domestic Consumption				
			1998	1999	2000	2001	2002	1998	1999	2000	2001	2002	1998	1999	2000	2001	2002	1998	1999	2000	2001	2002
Colombia	Logs	All	2734	2397	2164	1741	1988	11	1	0 <sup>R</sup>	0 <sup>R</sup>	0 <sup>R</sup>	17	17	21	13	7	2728	2381	2143	1728	1982
		C	541	554	373	225	343	11	0	0	0	0 <sup>R</sup>	0 <sup>R</sup>	0	0 <sup>R</sup>	0 <sup>R</sup>	0	551	554	373	225	343
		NC	2193	1842	1791	1516	1645	1	1	0 <sup>R</sup>	0 <sup>R</sup>	0 <sup>R</sup>	17	17	21	13	7	2177	1826	1770	1503	1639
	Sawn	All	910	729	587	539	496	7	7	2	0 <sup>R</sup>	0 <sup>R</sup>	8	9	5	4	1	909	727	585	536	495
		C	38	31	20	18	17	1	0 <sup>R</sup>	0 <sup>R</sup>	0 <sup>R</sup>	0 <sup>R</sup>	0 <sup>R</sup>	0 <sup>CR</sup>	0 <sup>R</sup>	0 <sup>R</sup>	0 <sup>R</sup>	39	31	20	18	17
		NC	872	699	567	521	479	6	6	2	0 <sup>R</sup>	0 <sup>R</sup>	8	9	5	4	1	870	696	565	518	478
	Ven	All	1	1	2	2	1	1	1	1	1	0 <sup>R</sup>	0	0	0 <sup>R</sup>	0 <sup>R</sup>	0 <sup>R</sup>	2	2	3	2	2
		C	0	0	0	0	0	1	0 <sup>R</sup>	1	0 <sup>R</sup>	0 <sup>R</sup>	0	0	0	0	0 <sup>R</sup>	1	0	1	0	0
		NC	1	1	2	2	1	1	0 <sup>R</sup>	0 <sup>R</sup>	0 <sup>R</sup>	0 <sup>R</sup>	0	0	0 <sup>R</sup>	0 <sup>R</sup>	0 <sup>R</sup>	2	2	2	2	2
	Ply	All	25	29	31	29	26	11	6	5	5	2	2	6	4	4	2	34	28	32	29	26
		C	0	0	0	0	0	1	0 <sup>R</sup>	0 <sup>R</sup>	1	0 <sup>R</sup>	0	0 <sup>CR</sup>	0 <sup>R</sup>	0 <sup>R</sup>	0 <sup>R</sup>	1	0	0	1	0
		NC	25	29	31	29	26	10	5	4	4	1	2	6	4	4	2	33	28	31	28	26
Ecuador	Logs	All	6076 <sup>F</sup>	5719 <sup>F</sup>	5715	6350	6350 <sup>I</sup>	0 <sup>CR</sup>	0 <sup>C</sup>	0 <sup>R</sup>	0 <sup>R</sup>	0	44 <sup>C</sup>	141 <sup>C</sup>	108	175	175	6032	5578	5607	6175	6175
		C	1326 <sup>F</sup>	969 <sup>F</sup>	965	1072	1072 <sup>I</sup>	0 <sup>CR</sup>	0 <sup>C</sup>	0	0 <sup>R</sup>	0	7 <sup>C</sup>	0 <sup>CR</sup>	17	0 <sup>R</sup>	0 <sup>R</sup>	1319	969	948	1072	1072
		NC	4750 <sup>F</sup>	4750 <sup>F</sup>	4750	5278	5278 <sup>I</sup>	0 <sup>CR</sup>	0 <sup>C</sup>	0 <sup>R</sup>	0 <sup>I</sup>	0	37 <sup>C</sup>	141 <sup>C</sup>	91	174	174	4713	4609	4659	5103	5104
	Sawn	All	2079 <sup>F</sup>	1455 <sup>F</sup>	714	794	750 <sup>I</sup>	0 <sup>CR</sup>	0 <sup>CR</sup>	0 <sup>R</sup>	0 <sup>R</sup>	0 <sup>R</sup>	30 <sup>C</sup>	21 <sup>C</sup>	15	15	15	2049	1434	699	779	735
		C	416 <sup>F</sup>	291 <sup>F</sup>	121	134	150 <sup>I</sup>	0 <sup>CR</sup>	0 <sup>C</sup>	0 <sup>R</sup>	0 <sup>R</sup>	0 <sup>R</sup>	4 <sup>C</sup>	1 <sup>C</sup>	1	1	1	412	290	120	134	150
		NC	1663 <sup>F</sup>	1164 <sup>F</sup>	594	660	600 <sup>I</sup>	0 <sup>CR</sup>	0 <sup>CR</sup>	0 <sup>I</sup>	0 <sup>I</sup>	0 <sup>R</sup>	26 <sup>C</sup>	20 <sup>C</sup>	14	14	14	1637	1144	579	645	586
	Ven	All	5 <sup>I</sup>	55 <sup>F</sup>	55 <sup>F</sup>	55 <sup>I</sup>	55 <sup>I</sup>	2 <sup>C</sup>	0 <sup>C</sup>	0 <sup>R</sup>	0 <sup>R</sup>	0 <sup>R</sup>	1 <sup>C</sup>	0 <sup>CR</sup>	0 <sup>R</sup>	0 <sup>R</sup>	0 <sup>R</sup>	6	55	55	55	55
		C	0 <sup>I</sup>	50 <sup>I</sup>	50 <sup>I</sup>	50 <sup>I</sup>	50 <sup>I</sup>	2 <sup>C</sup>	0 <sup>CR</sup>	0 <sup>R</sup>	0 <sup>R</sup>	0 <sup>R</sup>	0 <sup>CR</sup>	0 <sup>CR</sup>	0 <sup>R</sup>	0 <sup>R</sup>	0 <sup>R</sup>	2	50	50	50	50
		NC	5 <sup>I</sup>	5 <sup>I</sup>	5 <sup>I</sup>	5 <sup>I</sup>	5 <sup>I</sup>	0 <sup>CR</sup>	0 <sup>CR</sup>	0 <sup>I</sup>	0 <sup>R</sup>	0 <sup>R</sup>	1 <sup>C</sup>	0 <sup>CR</sup>	0 <sup>R</sup>	0 <sup>R</sup>	0 <sup>R</sup>	4	5	5	5	5
	Ply	All	114 <sup>I</sup>	109 <sup>F</sup>	109 <sup>F</sup>	109 <sup>I</sup>	90 <sup>I</sup>	0 <sup>CR</sup>	0 <sup>C</sup>	0 <sup>R</sup>	0 <sup>R</sup>	0 <sup>R</sup>	13 <sup>I</sup>	40 <sup>I</sup>	75 <sup>C</sup>	68 <sup>C</sup>	20 <sup>I</sup>	101	69	34	41	70
		C	5 <sup>I</sup>	5 <sup>I</sup>	5 <sup>I</sup>	5 <sup>I</sup>	5 <sup>I</sup>	0 <sup>CR</sup>	0 <sup>CR</sup>	0 <sup>R</sup>	0 <sup>R</sup>	0 <sup>R</sup>	4 <sup>I</sup>	4 <sup>I</sup>	0 <sup>C</sup>	0 <sup>I</sup>	0 <sup>R</sup>	1	1	5	5	5
		NC	109 <sup>I</sup>	104 <sup>I</sup>	104 <sup>I</sup>	104 <sup>I</sup>	85 <sup>I</sup>	0 <sup>CR</sup>	0 <sup>C</sup>	0 <sup>I</sup>	0 <sup>R</sup>	0 <sup>R</sup>	9 <sup>C</sup>	36 <sup>I</sup>	75 <sup>C</sup>	68 <sup>I</sup>	20 <sup>I</sup>	100	68	29	36	65
Guatemala	Logs	All	611 <sup>I</sup>	506	466	425	490 <sup>I</sup>	2 <sup>F</sup>	5 <sup>I</sup>	0 <sup>CR</sup>	0 <sup>I</sup>	0 <sup>I</sup>	0 <sup>R</sup>	1	2	1	0 <sup>I</sup>	612	510	464	424	490
		C	500 <sup>I</sup>	406 <sup>F</sup>	374 <sup>F</sup>	340 <sup>I</sup>	390 <sup>I</sup>	1 <sup>F</sup>	3 <sup>I</sup>	0 <sup>CR</sup>	0 <sup>I</sup>	0 <sup>I</sup>	0 <sup>I</sup>	1	2	1	0 <sup>I</sup>	501	408	372	339	390
		NC	111 <sup>F</sup>	100 <sup>F</sup>	93 <sup>F</sup>	85 <sup>I</sup>	100 <sup>I</sup>	1 <sup>FR</sup>	2 <sup>I</sup>	0 <sup>CR</sup>	0 <sup>I</sup>	0 <sup>I</sup>	0 <sup>I</sup>	0 <sup>R</sup>	0 <sup>R</sup>	0 <sup>I</sup>	0 <sup>I</sup>	111	102	92	85	100
	Sawn	All	308 <sup>I</sup>	235 <sup>I</sup>	220 <sup>I</sup>	220 <sup>I</sup>	220 <sup>I</sup>	1 <sup>F</sup>	44 <sup>I</sup>	1 <sup>C</sup>	1 <sup>I</sup>	1 <sup>I</sup>	41	41	45	67	67 <sup>I</sup>	268	238	175	154	155
		C	263 <sup>F</sup>	195 <sup>I</sup>	180 <sup>I</sup>	180 <sup>I</sup>	180 <sup>I</sup>	1 <sup>F</sup>	32 <sup>I</sup>	0 <sup>CR</sup>	0 <sup>I</sup>	0 <sup>I</sup>	36 <sup>I</sup>	36	35	52	52 <sup>I</sup>	228	190	145	128	129
		NC	45 <sup>I</sup>	40 <sup>I</sup>	40 <sup>I</sup>	40 <sup>I</sup>	40 <sup>I</sup>	0 <sup>F</sup>	13 <sup>I</sup>	0 <sup>CR</sup>	1 <sup>I</sup>	1 <sup>I</sup>	5 <sup>I</sup>	5	10	15	15 <sup>I</sup>	40	48	31	26	26
	Ven	All	19 <sup>F</sup>	19 <sup>F</sup>	19 <sup>F</sup>	19 <sup>I</sup>	19 <sup>I</sup>	0 <sup>CR</sup>	2 <sup>I</sup>	0 <sup>CR</sup>	0 <sup>I</sup>	0 <sup>I</sup>	0 <sup>R</sup>	0 <sup>CR</sup>	2	0 <sup>R</sup>	0 <sup>I</sup>	19	21	18	19	19
		C	17 <sup>I</sup>	17 <sup>I</sup>	17 <sup>I</sup>	17 <sup>I</sup>	17 <sup>I</sup>	0 <sup>CR</sup>	0 <sup>I</sup>	0 <sup>CR</sup>	0 <sup>I</sup>	0 <sup>I</sup>	0 <sup>I</sup>	0 <sup>CR</sup>	1 <sup>I</sup>	0 <sup>I</sup>	0 <sup>I</sup>	17	17	16	17	17
		NC	2 <sup>I</sup>	2 <sup>I</sup>	2 <sup>I</sup>	2 <sup>I</sup>	2 <sup>I</sup>	0 <sup>CR</sup>	2 <sup>I</sup>	0 <sup>CR</sup>	0 <sup>I</sup>	0 <sup>I</sup>	0 <sup>I</sup>	0 <sup>CR</sup>	1 <sup>I</sup>	0 <sup>I</sup>	0 <sup>I</sup>	2	4	1	2	2
	Ply	All	20 <sup>F</sup>	20 <sup>F</sup>	20 <sup>F</sup>	20 <sup>I</sup>	20 <sup>I</sup>	2 <sup>F</sup>	7 <sup>I</sup>	2	2 <sup>I</sup>	2 <sup>I</sup>	5	3 <sup>C</sup>	1 <sup>C</sup>	8	1 <sup>I</sup>	17	24	21	14	21
		C	10 <sup>I</sup>	10 <sup>I</sup>	10 <sup>I</sup>	10 <sup>I</sup>	10 <sup>I</sup>	1	4	0	0	0	0	2	0	0	0	11	12	10	10	10
		NC	10 <sup>I</sup>	10 <sup>I</sup>	10 <sup>I</sup>	10 <sup>I</sup>	10 <sup>I</sup>	1 <sup>F</sup>	3 <sup>I</sup>	1	1 <sup>I</sup>	1 <sup>I</sup>	5	0 <sup>C</sup>	1 <sup>C</sup>	8	1 <sup>I</sup>	6	13	11	3	11

**Table 1-1-c. Production, Trade and Consumption of All Timber by ITTO Producers (1000 m<sup>3</sup>)**

Country	Product	Species	Production					Imports					Exports					Domestic Consumption				
			1998	1999	2000	2001	2002	1998	1999	2000	2001	2002	1998	1999	2000	2001	2002	1998	1999	2000	2001	2002
Guyana	Logs	All	387	435	289	312	297	0	0	0	0	0 <sup>1</sup>	61	48	54	41	40 <sup>1</sup>	326	388	235	271	257
		C	0	0	0	0	0	0	0	0	0	0 <sup>1</sup>	0	0	0	0 <sup>1</sup>	0 <sup>1</sup>	0	0	0	0	0
		NC	387	435	289	312	297	0	0	0	0	0 <sup>1</sup>	61	48	54	41 <sup>1</sup>	40 <sup>1</sup>	326	388	235	271	257
	Sawn	All	50 <sup>1</sup>	50 <sup>+</sup>	29	30	31	0	0	0 <sup>RI</sup>	1 <sup>1</sup>	1 <sup>1</sup>	12	22	19	24	25 <sup>1</sup>	38	28	10	7	7
		C	0	0	0	0	0	0	0	0 <sup>RI</sup>	1 <sup>1</sup>	1 <sup>1</sup>	0	0	0	0	0 <sup>1</sup>	0	0	0	1	1
		NC	50 <sup>1</sup>	50 <sup>+</sup>	29	30	31	0	0	0	0	0 <sup>1</sup>	12	22	19	24	25 <sup>1</sup>	38	28	10	6	6
	Ven	All	0	0	0	0	0	0	1	0 <sup>RI</sup>	0	0 <sup>1</sup>	0	0	0	0	0 <sup>1</sup>	0	1	0	0	0
		C	0	0	0	0	0	0	1 <sup>1</sup>	0 <sup>RI</sup>	0	0 <sup>1</sup>	0	0	0	0	0 <sup>1</sup>	0	1	0	0	0
		NC	0	0	0	0	0	0	0	0	0	0 <sup>1</sup>	0	0	0	0	0 <sup>1</sup>	0	0	0	0	0
	Ply	All	76	87	92	69	51	0	0	0	1 <sup>1</sup>	1 <sup>1</sup>	70	76	87	65	50 <sup>1</sup>	6	10	5	5	2
		C	0	0	0	0	0	0	0	0	1 <sup>1</sup>	1 <sup>1</sup>	0	0	0	0	0 <sup>1</sup>	0	0	0	1	1
		NC	76	87	92	69	51	0	0	0	0	0 <sup>1</sup>	70	76	87	65	50 <sup>1</sup>	6	10	5	4	1
Honduras	Logs	All	795	853	756	832	898	2	0 <sup>R</sup>	0	0	0	37	0	0	0	0	760	853	756	832	898
		C	761	821	744	817	880	2	0	0	0	0	37	0	0	0	0	726	821	744	817	880
		NC	34	32	12	15	18	0	0 <sup>R</sup>	0	0	0	0	0	0	0	0	34	32	12	15	18
	Sawn	All	369	404	437	410	475	16	5	6	6	5	207	130	139	184	150	178	279	304	232	330
		C	352	389 <sup>1</sup>	430 <sup>1</sup>	405 <sup>1</sup>	465 <sup>1</sup>	16	5	5	5	5	207	130	139	184	150	161	264	296	226	320
		NC	17	15 <sup>1</sup>	7 <sup>1</sup>	5 <sup>1</sup>	10 <sup>1</sup>	0	0 <sup>R</sup>	0 <sup>R</sup>	1	0	0	0	0	0	0	17	15	7	6	10
	Ven	All	0	0	0	0	0	0	0 <sup>R</sup>	0 <sup>R</sup>	0 <sup>R</sup>	0	0	0	0	0	0	0	0	0	0	0
		C	0	0	0	0	0	0	0 <sup>R</sup>	0 <sup>R</sup>	0	0	0	0	0	0	0	0	0	0	0	0
		NC	0	0	0	0	0	0 <sup>R</sup>	0 <sup>R</sup>	0 <sup>R</sup>	0 <sup>R</sup>	0	0	0	0	0	0	0	0	0	0	0
	Ply	All	19	20	7	7	8	2	1	1	1	1	6	6	6	7	7	15	15	2	1	2
		C	13	20	7	7	8	2	1	1	1	1	0	6	6	7	7	15	15	2	1	2
		NC	6	0	0	0	0	0	0 <sup>R</sup>	0	0 <sup>R</sup>	0	6	0	0	0	0	0	0	0	0	0
Panama	Logs	All	22	48	63	73	73 <sup>1</sup>	1	0 <sup>R</sup>	1	6	2	1	1	4	7	10	22	47	60	71	65
		C	0	2	3	9 <sup>1</sup>	9 <sup>1</sup>	1	0	1	3	0	0 <sup>R</sup>	0	0	0	0	1	2	4	12	9
		NC	22	46	60	64 <sup>1</sup>	64 <sup>1</sup>	0	0 <sup>R</sup>	0 <sup>R</sup>	3	2 <sup>1</sup>	1	1	4 <sup>1</sup>	7	10 <sup>1</sup>	21	45	56	60	56
	Sawn	All	8	28 <sup>1</sup>	27 <sup>1</sup>	42	42 <sup>1</sup>	1	4	6	5	3	0	0 <sup>R</sup>	0	4	2	9	31	33	42	43
		C	0	2	2	2	4 <sup>1</sup>	1	3	5	3	3	0	0 <sup>R</sup>	0	0 <sup>R</sup>	1	1	5	7	5	6
		NC	8	26 <sup>1</sup>	25 <sup>1</sup>	40	30 <sup>1</sup>	0	0 <sup>R</sup>	1	1	0 <sup>R</sup>	0	0 <sup>R</sup>	0	4	1	8	26	26	37	29
	Ven	All	4	2	4	0	0 <sup>1</sup>	0	0 <sup>R</sup>	0 <sup>R</sup>	6	3 <sup>1</sup>	0	0 <sup>R</sup>	0	0	0	4	2	4	6	3
		C	0	0	0	0	0 <sup>1</sup>	0	0	0 <sup>R</sup>	0	0	0	0	0	0	0	0	0	0	0	0
		NC	4	2	4	0	0 <sup>1</sup>	0	0 <sup>R</sup>	0 <sup>R</sup>	6 <sup>1</sup>	3 <sup>1</sup>	0	0 <sup>R</sup>	0	0	0	4	2	4	6	3
	Ply	All	0	0	4	0	0 <sup>1</sup>	5	5	8	22 <sup>1</sup>	25	0 <sup>R</sup>	0 <sup>R</sup>	0	0	1	5	5	12	22	25
		C	0	0	0	0	0 <sup>1</sup>	4	0 <sup>R</sup>	4	2	1	0	0	0	0	0	4	0	4	2	1
		NC	0	0	4	0	0 <sup>1</sup>	1	4	4	20 <sup>1</sup>	25 <sup>1</sup>	0 <sup>R</sup>	0 <sup>R</sup>	0	0	1	1	4	8	20	24

**Table 1-1-c. Production, Trade and Consumption of All Timber by ITTO Producers (1000 m<sup>3</sup>)**

Country	Product	Species	Production					Imports					Exports					Domestic Consumption				
			1998	1999	2000	2001	2002	1998	1999	2000	2001	2002	1998	1999	2000	2001	2002	1998	1999	2000	2001	2002
Peru	Logs	All	1879 <sup>1</sup>	1570	1511 <sup>1</sup>	1071	1071 <sup>1</sup>	11	5	23	21	25 <sup>1</sup>	0	0 <sup>R</sup>	0 <sup>R</sup>	0	0 <sup>1</sup>	1890	1575	1534	1092	1096
		C	50 <sup>1</sup>	40 <sup>1</sup>	10 <sup>1</sup>	8	8 <sup>1</sup>	11	0 <sup>R</sup>	0 <sup>R</sup>	4	5 <sup>1</sup>	0	0 <sup>R</sup>	0	0	0 <sup>1</sup>	61	40	10	12	13
		NC	1829	1530 <sup>1</sup>	1501	1063	1063 <sup>1</sup>	0	5 <sup>1</sup>	22	17	20 <sup>1</sup>	0	0 <sup>R</sup>	0 <sup>R</sup>	0	0 <sup>1</sup>	1829	1535	1524	1080	1083
	Sawn	All	610 <sup>1</sup>	835	646	494	494 <sup>1</sup>	3	5	7	11	10 <sup>1</sup>	63	74	87	80	105 <sup>1</sup>	550	766	566	425	399
		C	20 <sup>1</sup>	44	3	3	3 <sup>1</sup>	3	5	7	11	10 <sup>1</sup>	1	6	7	3	5 <sup>1</sup>	22	43	3	11	8
		NC	590	791	643	491	491 <sup>1</sup>	0	0 <sup>R</sup>	0 <sup>R</sup>	0	0 <sup>1</sup>	62	68 <sup>1</sup>	80	77	100 <sup>1</sup>	528	723	563	413	391
	Ven	All	7 <sup>1</sup>	7 <sup>1</sup>	8 <sup>1</sup>	10	10 <sup>1</sup>	0	0 <sup>R</sup>	0 <sup>R</sup>	0 <sup>R</sup>	0 <sup>1</sup>	7	7	8	8	5 <sup>1</sup>	0	0	0	2	5
		C	0	0	0	0	0 <sup>1</sup>	0	0 <sup>R</sup>	0 <sup>R</sup>	0 <sup>R</sup>	0 <sup>1</sup>	0	0 <sup>R</sup>	0	0 <sup>1</sup>	0 <sup>1</sup>	0	0	0	0	0
		NC	7 <sup>1</sup>	7 <sup>1</sup>	8 <sup>1</sup>	10	10 <sup>1</sup>	0	0	0 <sup>R</sup>	0 <sup>R</sup>	0 <sup>1</sup>	7	7	8	8 <sup>1</sup>	5 <sup>1</sup>	0	0	0	2	5
	Ply	All	57	34	36	71	71 <sup>1</sup>	1	0	0 <sup>R</sup>	1	1 <sup>1</sup>	10	8	14	19	15 <sup>1</sup>	48	26	22	52	57
		C	0	0	0	0	0 <sup>1</sup>	1	0	0 <sup>R</sup>	1	1 <sup>1</sup>	0	0	0	0 <sup>1</sup>	0 <sup>1</sup>	1	0	0	1	1
		NC	57	34	36	71	71 <sup>1</sup>	0	0	0 <sup>R</sup>	0 <sup>R</sup>	0 <sup>1</sup>	10	8 <sup>1</sup>	14	19 <sup>1</sup>	15 <sup>1</sup>	47	26	22	51	56
Suriname	Logs	All	143	94	177	163	163	0	0	0	0	0	21	17	10	8	26	122	77	167	155	137
		C	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1
		NC	143	94	176	162	162	0	0	0	0	0	21	17	10	8	26	122	77	166	154	136
	Sawn	All	41	28	60	57	51	0	0	0	0	0	5	4	7	8	5	36	24	53	49	46
		C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NC	41	28	60	57	51	0	0	0	0	0	5	4	7	8	5	36	24	53	49	46
	Ven	All	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Ply	All	7	4	4	3	3	2	2	1	2	3	3	2	1	0	0	6	4	5	5	6
		C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NC	7	4	4	3	3	2	2 <sup>1</sup>	1 <sup>1</sup>	2 <sup>1</sup>	3 <sup>1</sup>	3	2	1	0	0	6	4	5	5	6
Trinidad and Tobago	Logs	All	52 <sup>1</sup>	31	72	56	65 <sup>1</sup>	19	0	4	8 <sup>1</sup>	8 <sup>1</sup>	0 <sup>R</sup>	0	0	1	0	71	31	76	64	73
		C	20 <sup>1</sup>	15	10	0	0 <sup>1</sup>	19	0	1	3 <sup>1</sup>	3 <sup>1</sup>	0 <sup>R</sup>	0	0 <sup>R</sup>	0	0	39	15	11	3	3
		NC	32	16	62	56	65 <sup>1</sup>	0	0	3 <sup>1</sup>	5	5	0 <sup>R</sup>	0	0 <sup>R</sup>	1	0	32	16	65	60	70
	Sawn	All	27	18 <sup>1</sup>	32 <sup>1</sup>	41	41	47	46	30	18 <sup>1</sup>	18 <sup>1</sup>	1	1	1	0 <sup>R</sup>	0 <sup>R1</sup>	73	63	61	59	59
		C	10	8 <sup>1</sup>	5 <sup>1</sup>	0	0	36	38	25	10 <sup>1</sup>	10 <sup>1</sup>	0	0 <sup>R</sup>	0 <sup>R</sup>	0 <sup>R</sup>	0 <sup>R1</sup>	46	46	30	10	10
		NC	17	10 <sup>1</sup>	27	41	41	11	8	5 <sup>1</sup>	9 <sup>1</sup>	9 <sup>1</sup>	1	1	1	0 <sup>R</sup>	0 <sup>R1</sup>	27	17	31	50	50
	Ven	All	0	0	0	0	0	0	0	0	4	4	0	0	0 <sup>R</sup>	2	2	0	0	0	3	3
		C	0	0	0	0	0	0	0	0	3	3	0	0	0 <sup>R</sup>	0	0	0	0	0	3	3
		NC	0	0	0	0	0	0	0	0	2	2	0	0	0 <sup>R</sup>	2	2	0	0	0	0	0
	Ply	All	0	0	0	0	0	0	0	11	3 <sup>1</sup>	3 <sup>1</sup>	0	0	0 <sup>R</sup>	0 <sup>R1</sup>	0 <sup>R1</sup>	0	0	11	3	3
		C	0	0	0	0	0	0	0	9	3 <sup>1</sup>	3 <sup>1</sup>	0	0	0 <sup>R</sup>	0 <sup>R1</sup>	0 <sup>R1</sup>	0	0	9	3	3
		NC	0	0	0	0	0	0	0	2	0 <sup>R</sup>	0	0	0	0 <sup>R</sup>	0 <sup>R1</sup>	0 <sup>R1</sup>	0	0	2	0	0

**Table 1-1-c. Production, Trade and Consumption of All Timber by ITTO Producers (1000 m<sup>3</sup>)**

			Production					Imports					Exports					Domestic Consumption					
Country	Product	Species	1998	1999	2000	2001	2002	1998	1999	2000	2001	2002	1998	1999	2000	2001	2002	1998	1999	2000	2001	2002	
Venezuela	Logs	All	1210	1664	1145	1015	1317	0 <sup>R</sup>	0 <sup>R</sup>	0 <sup>R</sup>	0	0	0 <sup>R</sup>	0 <sup>R</sup>	5	6	5	1210	1664	1140	1009	1312	
		C	526	910	481	320	670	0 <sup>R</sup>	0 <sup>R</sup>	0 <sup>R</sup>	0	0	0	0 <sup>R</sup>	0 <sup>R</sup>	0 <sup>R</sup>	0	0 <sup>R</sup>	526	910	481	320	670
		NC	684	754	664	695	647	0 <sup>R</sup>	0 <sup>R</sup>	0 <sup>R</sup>	0	0	0 <sup>R</sup>	0 <sup>R</sup>	5	6	5	684	754	659	689	642	
	Sawn	All	261	174	202	218	217 <sup>I</sup>	35	28	42	38 <sup>C</sup>	35 <sup>I</sup>	0 <sup>R</sup>	3	0 <sup>R</sup>	7	6	296	200	244	249	246	
		C	0	0	27	7	15 <sup>I</sup>	23	10	8	7 <sup>C</sup>	5 <sup>I</sup>	0 <sup>R</sup>	0 <sup>R</sup>	0 <sup>R</sup>	7	6	23	9	34	7	14	
		NC	261	174	175	211	202	12	19	34	31 <sup>C</sup>	30 <sup>I</sup>	0 <sup>R</sup>	2	0 <sup>R</sup>	0 <sup>R</sup>	0 <sup>R</sup>	273	190	209	242	232	
	Ven	All	29	30	28	26	25	6	3	4	0 <sup>R</sup>	0 <sup>R</sup>	0 <sup>R</sup>	0 <sup>R</sup>	0 <sup>R</sup>	0 <sup>R</sup>	0 <sup>R</sup>	35	32	32	26	25	
		C	0	0	0	0	0	2	1	2	0 <sup>R</sup>	0	0	0 <sup>R</sup>	0 <sup>R</sup>	0 <sup>R</sup>	0	2	1	2	0	0	
		NC	29	30	28	26	25	4	1	2	0 <sup>R</sup>	0 <sup>R</sup>	0 <sup>R</sup>	0 <sup>R</sup>	0 <sup>R</sup>	0 <sup>R</sup>	0 <sup>R</sup>	33	31	30	26	25	
	Ply	All	0	0	0	0	0	38	34	55	50 <sup>I</sup>	45	0 <sup>R</sup>	0 <sup>R</sup>	0 <sup>R</sup>	1	0	38	33	55	49	45	
		C	0	0	0	0	0	29	19	28	30 <sup>I</sup>	25	0 <sup>R</sup>	0 <sup>R</sup>	0 <sup>R</sup>	1	0	29	19	28	29	25	
		NC	0	0	0	0	0	9	14	27	20 <sup>I</sup>	20	0 <sup>R</sup>	0 <sup>R</sup>	0 <sup>R</sup>	0	0	9	14	27	20	20	
Producers Total	Logs	All	192717	208791	209644	205063	203928	3248	4085	4357	4659	3674	13438	14751	17319	16507	13392	182527	198125	196681	193214	194209	
		C	40077	45526	46200	45844	45829	374	464	365	531	476	716	319	549	508	475	39735	45671	46016	45867	45829	
		NC	152640	163265	163444	159219	158100	2874	3622	3992	4127	3197	12722	14432	16770	15999	12917	142793	152454	150666	147347	148380	
	Sawn	All	46959	44619	49962	48718	48646	2054	2118	2351	3153	1901	6484	7245	8980	9712	10636	42529	39491	43333	42159	39912	
		C	11002	9069	9737	9707	9784	175	273	315	337	231	789	1221	1310	1450	1911	10388	8121	8742	8595	8105	
		NC	35957	35550	40226	39011	38855	1879	1845	2037	2815	1670	5695	6024	7671	8262	8725	32142	31371	34591	33564	31799	
	Ven	All	2152	2544	2906	2511	2682	138	254	253	261	214	1484	1599	1497	1168	1046	806	1199	1661	1604	1850	
		C	217	307	317	319	317	11	14	22	14	11	30	43	30	21	30	197	277	309	311	299	
		NC	1935	2237	2589	2192	2365	128	240	231	247	203	1453	1556	1467	1147	1016	610	922	1353	1292	1552	
	Ply	All	14761	15170	16554	15381	15633	175	288	235	196	167	11935	11233	12670	11743	10987	3001	4226	4119	3834	4814	
		C	838	1365	1737	1339	1333	63	152	103	76	54	258	667	535	564	303	643	850	1305	851	1084	
		NC	13922	13805	14817	14042	14300	112	136	132	120	114	11676	10566	12135	11179	10684	2358	3375	2815	2983	3730	
ITTO Total	Logs	All	1140302	1169079	1194463	1138215	1121947	89875	98627	115589	117461	118527	47432	51355	61327	58066	49658	1182745	1216352	1248725	1197610	1190817	
		C	724418	746130	770817	734285	721532	50023	56003	68881	70918	76404	27306	28922	34742	32254	29237	747135	773211	804956	772949	768698	
		NC	415884	422950	423646	403930	400415	39852	42624	46709	46543	42124	20126	22433	26585	25812	20421	435610	443141	443769	424661	422118	
	Sawn	All	306445	312941	314773	306488	304088	103677	99438	102516	101099	96843	79717	84080	87547	85865	86517	330405	328299	329742	321722	314414	
		C	221744	228455	229816	225397	223955	87554	80124	82449	81337	78317	68057	70973	72509	71084	70498	241241	237606	239755	235649	231774	
		NC	84701	84486	84957	81091	80126	16123	19314	20067	19762	18525	11660	13108	15038	14780	16018	89165	90693	89986	86073	82632	
	Ven	All	5662	6100	6627	6327	6550	2604	3121	3048	2895	2782	3240	3297	3271	3000	2916	5026	5924	6404	6222	6415	
		C	1642	1875	1969	2082	2158	435	543	493	524	522	514	605	679	732	756	1562	1812	1783	1873	1924	
		NC	4020	4225	4659	4245	4391	2169	2578	2555	2372	2260	2724	2691	2592	2268	2160	3464	4111	4621	4349	4491	
	Ply	All	48770	50861	54733	50283	51600	15528	15520	16448	16295	15473	16331	16279	17994	17198	16281	47967	50102	53187	49380	50791	
		C	24883	26707	28518	26087	26358	3475	3691	4011	3696	3501	2817	3431	3477	3576	3161	25542	26968	29052	26208	26698	
		NC	23886	24154	26215	24196	25242	12053	11829	12437	12599	11971	13514	12848	14517	13622	13120	22425	23135	24135	23173	24093	

**Table 1-1-d. Production, Trade and Consumption of Tropical Timber by ITTO Producers (1000 m<sup>3</sup>)**

Country	Product	Production					Imports					Exports					Domestic Consumption				
		1998	1999	2000	2001	2002	1998	1999	2000	2001	2002	1998	1999	2000	2001	2002	1998	1999	2000	2001	2002
Africa	Logs	11080	12191	13287	12980	12814	1	86	65	38	26	4368	4107	4836	4551	4120	6713	8170	8516	8467	8720
	Sawn	2130	2012	2614	2217	2260	2	7	8	23	29	1308	1417	2093	1545	1672	824	602	528	695	617
	Ven	561	625	716	710	722	1	0	2	0	3	372	434	394	384	344	190	191	324	326	381
	Ply	355	366	314	297	353	10	19	1	1	11	124	212	200	166	243	241	173	115	132	121
Cameroon	Logs	2895	2655	2720	2100	1950	0	0 <sup>1</sup>	0 <sup>C</sup>	0	0	1604	1031	635	233	225	1291	1624	2085	1867	1725
	Sawn	589	600	1154	645	700	0	0 <sup>1</sup>	0 <sup>C</sup>	0	0	353	476	1154	631	640	236	124	0	15	60
	Ven	59	53	72	33	34	0	0 <sup>1</sup>	0 <sup>C</sup>	0	0 <sup>R</sup>	41	48	70	33	33	18	6	2	0	1
	Ply	89	92	36	21	23	2	0 <sup>1</sup>	0 <sup>CR</sup>	0 <sup>R</sup>	0 <sup>R</sup>	41	88	35	21	22	50	4	1	0	2
Central African Republic	Logs	530	553	703	750	750 <sup>1</sup>	0	0	0 <sup>1</sup>	0 <sup>1</sup>	0 <sup>1</sup>	117	154	250	313	313 <sup>1</sup>	413	399	453	437	437
	Sawn	91	79	102	150	150 <sup>1</sup>	0	0	0 <sup>1</sup>	0 <sup>1</sup>	0 <sup>1</sup>	72	64	66	76	76 <sup>1</sup>	19	15	36	74	74
	Ven	0	0	0	0	0 <sup>1</sup>	0	0	0 <sup>1</sup>	0 <sup>1</sup>	0 <sup>1</sup>	0	0	0	0	0 <sup>1</sup>	0	0	0	0	0
	Ply	1	2	2	4	4 <sup>1</sup>	0	0	0 <sup>1</sup>	0 <sup>1</sup>	0 <sup>1</sup>	0	1	0	0 <sup>R</sup>	0 <sup>1</sup>	1	1	2	4	4
Congo, Dem. Rep. (former Zaire)	Logs	244 <sup>+</sup>	170 <sup>1</sup>	170 <sup>1</sup>	170 <sup>1</sup>	200 <sup>1</sup>	0 <sup>C</sup>	0 <sup>C</sup>	0 <sup>C</sup>	0 <sup>1</sup>	0 <sup>1</sup>	46	49 <sup>C</sup>	59 <sup>C</sup>	60 <sup>1</sup>	60 <sup>1</sup>	198	121	111	110	140
	Sawn	80 <sup>+</sup>	70 <sup>1</sup>	70 <sup>1</sup>	70 <sup>1</sup>	70 <sup>1</sup>	0 <sup>C</sup>	0 <sup>C</sup>	0 <sup>C</sup>	0 <sup>1</sup>	0 <sup>1</sup>	19	16 <sup>C</sup>	20 <sup>1</sup>	20 <sup>1</sup>	20 <sup>1</sup>	61	54	50	50	50
	Ven	10 <sup>+</sup>	1 <sup>1</sup>	1 <sup>1</sup>	1 <sup>1</sup>	1 <sup>1</sup>	0 <sup>C</sup>	0 <sup>CR</sup>	0 <sup>C</sup>	0 <sup>1</sup>	0 <sup>1</sup>	5	1 <sup>C</sup>	0 <sup>CR</sup>	0 <sup>1</sup>	0 <sup>1</sup>	5	0	1	1	1
	Ply	10 <sup>+</sup>	1 <sup>1</sup>	1 <sup>1</sup>	1 <sup>1</sup>	1 <sup>1</sup>	0 <sup>CR</sup>	0 <sup>CR</sup>	0 <sup>CR</sup>	0 <sup>1</sup>	0 <sup>1</sup>	0	0 <sup>C</sup>	0 <sup>CR</sup>	0 <sup>1</sup>	0 <sup>1</sup>	10	1	1	1	1
Congo, Rep.	Logs	1184	1187 <sup>1</sup>	1240	700 <sup>+</sup>	750 <sup>1</sup>	0	0 <sup>1</sup>	0 <sup>1</sup>	0 <sup>1</sup>	0 <sup>1</sup>	638	211 <sup>+</sup>	294 <sup>+</sup>	396 <sup>+</sup>	396 <sup>1</sup>	546	976	947	304	354
	Sawn	73	74 <sup>1</sup>	93	95 <sup>1</sup>	95 <sup>1</sup>	0	0 <sup>1</sup>	0 <sup>1</sup>	0 <sup>1</sup>	0 <sup>1</sup>	47	62 <sup>+</sup>	63 <sup>+</sup>	95 <sup>+</sup>	95 <sup>1</sup>	26	12	29	0	0
	Ven	52	19 <sup>1</sup>	10	12 <sup>+</sup>	13 <sup>1</sup>	0	0 <sup>1</sup>	0 <sup>1</sup>	0 <sup>1</sup>	0 <sup>1</sup>	46	8 <sup>+</sup>	8 <sup>+</sup>	12 <sup>+</sup>	12 <sup>1</sup>	6	11	2	0	1
	Ply	2	3 <sup>1</sup>	1 <sup>1</sup>	0 <sup>1</sup>	0 <sup>1</sup>	0	0 <sup>1</sup>	0 <sup>1</sup>	0 <sup>1</sup>	0 <sup>1</sup>	0	0 <sup>+</sup>	0 <sup>R</sup>	0 <sup>1</sup>	0 <sup>1</sup>	2	3	1	0	0
Côte d'Ivoire	Logs	2245	2222	2500	2615	2500	0	84	60	37	25	93	105	136	127	130	2152	2201	2424	2525	2395
	Sawn	623	611	603	630	625	0	0	0	0	0	508	479	460	396	425	115	132	143	234	200
	Ven	274	269	297	296	300	0	0	0	0	0	156	153	113	121	120	118	116	184	175	180
	Ply	67	59	80	81	80	0	0	0	0	0	14	22	40	34	40	53	37	40	47	40
Gabon	Logs	2400	3635	3715	4216	4000	0	0	0	0	0	1773	2338	2584	2505	2000	627	1297	1131	1711	2000
	Sawn	60	98	88	112	117	0	0 <sup>1</sup>	0	13	14	55	69	79	77	117	5	29	9	48	14
	Ven	76	133	91	110	110 <sup>1</sup>	1	0 <sup>1</sup>	2	0	3	40	124	91	104	66 <sup>1</sup>	37	9	2	6	47
	Ply	115	134	104	75	141	8 <sup>1</sup>	18 <sup>1</sup>	0	0	10	57	77	78	57	141	66	76	26	18	10
Ghana	Logs	1138	1102	998	1212	1000	0	0	0	0	0	0	0	0	0	0	1138	1102	998	1212	1000
	Sawn	590	454	475	480	461	0	0	0	0	0	253	250	243	239	288	337	204	232	241	173
	Ven	90 <sup>1</sup>	150	245	259	264	0	0	0	0	0	84	101	111	114	112	6	49	134	145	152
	Ply	71	75	90	114	104	0	0	0	0	0	12	25	47	53	40	59	50	43	61	64

**Table 1-1-d. Production, Trade and Consumption of Tropical Timber by ITTO Producers (1000 m<sup>3</sup>)**

Country	Product	Production					Imports					Exports					Domestic Consumption				
		1998	1999	2000	2001	2002	1998	1999	2000	2001	2002	1998	1999	2000	2001	2002	1998	1999	2000	2001	2002
Liberia	Logs	157	354	934	982 <sup>+</sup>	1364	0	0	0	0	0	81	208	850 <sup>1</sup>	900 <sup>1</sup>	981	76	146	84	82	383
	Sawn	6	4	10	20 <sup>1</sup>	30 <sup>1</sup>	0	0	0	0	0	0	0 <sup>R</sup>	6	6 <sup>1</sup>	6 <sup>1</sup>	6	4	4	14	24
	Ven	0	0	0	0 <sup>1</sup>	0 <sup>1</sup>	0	0	0	0	0	0	0	0	0 <sup>1</sup>	0 <sup>1</sup>	0	0	0	0	0
	Ply	0 <sup>R</sup>	0	0	0 <sup>1</sup>	0 <sup>1</sup>	0 <sup>R</sup>	0	0	0	0	0	0	0	0 <sup>1</sup>	0 <sup>1</sup>	0	0	0	0	0
Togo	Logs	287	314	306	235	300	1	2	5	1	1	16	11	28	17	15	272	305	283	219	286
	Sawn	18	21	19	15	12	2	7	8	10	15	1	1	2	6	5	19	28	25	19	22
	Ven	0	0	0	0	0	0 <sup>R</sup>	0 <sup>R</sup>	0	0	0	0	0	0	0	0	0	0	0	0	0
	Ply	0	0	0	0	0	0 <sup>R</sup>	1	1	1	1	0	0	0	0	0	0	1	1	1	1
Asia-Pacific	Logs	79060	78325	76964	73105	72019	2252	3189	3184	3518	2932	7971	9959	11516	11092	8417	73341	71554	68632	65530	66534
	Sawn	19875	19324	19877	19068	18961	1526	1430	1556	1716	1382	3565	3506	4418	5340	5408	17836	17248	17015	15445	14934
	Ven	1078	1244	1452	1064	1226	84	214	136	131	185	954	1045	1011	712	602	208	413	577	483	808
	Ply	12373	12288	13449	12456	12697	49	62	52	56	49	11142	9688	11313	10022	9912	1280	2662	2188	2489	2834
Cambodia	Logs	550 <sup>1</sup>	291	179	121	110 <sup>1</sup>	0	0	0 <sup>1</sup>	0 <sup>1</sup>	0 <sup>1</sup>	7 <sup>C</sup>	0	0	0	0	543	291	179	121	110
	Sawn	60 <sup>1</sup>	10	20	5	5 <sup>1</sup>	0	0	0 <sup>1</sup>	0 <sup>1</sup>	0 <sup>1</sup>	40	10	3	5	5 <sup>1</sup>	20	0	17	0	0
	Ven	181	68	45 <sup>1</sup>	24 <sup>1</sup>	23 <sup>1</sup>	0	0	0 <sup>1</sup>	0 <sup>1</sup>	0 <sup>1</sup>	181	68	45 <sup>1</sup>	24 <sup>1</sup>	23 <sup>1</sup>	0	0	0	0	0
	Ply	16	15	27 <sup>1</sup>	14	14 <sup>1</sup>	0	0	0 <sup>1</sup>	0 <sup>1</sup>	0 <sup>1</sup>	16	15	27 <sup>1</sup>	14 <sup>1</sup>	14 <sup>1</sup>	0	0	0	0	0
Fiji	Logs	134	80	107	111	90	0 <sup>1</sup>	0	0	0	0	0	0	0 <sup>CR</sup>	0 <sup>1</sup>	0 <sup>1</sup>	134	80	107	111	90
	Sawn	67	30	40	39	25	0 <sup>1</sup>	0	0	0	0	18	17	7	5	7	49	13	33	34	18
	Ven	6	4	3	4	10	0 <sup>1</sup>	0	0	0	0	5	2	2	2	1	1	2	1	2	9
	Ply	5 <sup>1</sup>	7	9	12	10	0 <sup>1</sup>	0	0	0 <sup>R</sup>	0	5	4	4	3	5	0	3	5	9	5
India	Logs	15000 <sup>1</sup>	14000 <sup>1</sup>	14000 <sup>1</sup>	14000 <sup>1</sup>	14000 <sup>1</sup>	1328 <sup>C</sup>	1742 <sup>C</sup>	1720 <sup>1</sup>	2041 <sup>1</sup>	2041 <sup>1</sup>	1 <sup>C</sup>	2 <sup>C</sup>	1 <sup>C</sup>	32 <sup>C</sup>	30 <sup>1</sup>	16327	15740	15719	16009	16011
	Sawn	7000 <sup>1</sup>	6800 <sup>1</sup>	6800 <sup>1</sup>	6800 <sup>1</sup>	6800 <sup>1</sup>	5 <sup>C</sup>	1 <sup>C</sup>	2 <sup>C</sup>	7 <sup>C</sup>	7 <sup>1</sup>	0 <sup>C</sup>	0 <sup>CR</sup>	6 <sup>C</sup>	10 <sup>C</sup>	10 <sup>1</sup>	7005	6801	6796	6797	6797
	Ven	15 <sup>1</sup>	15 <sup>1</sup>	15 <sup>1</sup>	15 <sup>1</sup>	15 <sup>1</sup>	7 <sup>C</sup>	2 <sup>C</sup>	0 <sup>C</sup>	0 <sup>CR</sup>	0 <sup>1</sup>	1 <sup>C</sup>	2 <sup>C</sup>	1 <sup>C</sup>	0 <sup>CR</sup>	0 <sup>1</sup>	21	15	15	15	15
	Ply	300 <sup>1</sup>	300 <sup>1</sup>	300 <sup>1</sup>	300 <sup>1</sup>	300 <sup>1</sup>	10 <sup>C</sup>	7 <sup>C</sup>	6 <sup>C</sup>	4 <sup>C</sup>	4 <sup>1</sup>	47 <sup>C</sup>	14 <sup>C</sup>	2 <sup>C</sup>	2 <sup>C</sup>	2 <sup>1</sup>	263	293	304	301	302
Indonesia	Logs	34000 <sup>1</sup>	33000 <sup>1</sup>	27000 <sup>1</sup>	27000 <sup>1</sup>	25000 <sup>1</sup>	20 <sup>1</sup>	79	3 <sup>W</sup>	39 <sup>W</sup>	39 <sup>1</sup>	99 <sup>1</sup>	259 <sup>1</sup>	1606 <sup>W1</sup>	3452 <sup>W1</sup>	2000 <sup>1</sup>	33921	32821	25397	23587	23039
	Sawn	7000 <sup>1</sup>	6500 <sup>1</sup>	6500 <sup>+</sup>	6400 <sup>+</sup>	6250 <sup>+</sup>	1 <sup>1</sup>	4	16 <sup>W</sup>	20 <sup>W</sup>	20 <sup>1</sup>	575	1300 <sup>1</sup>	1399 <sup>W</sup>	2248 <sup>W</sup>	2300 <sup>1</sup>	6426	5204	5117	4172	3970
	Ven	50 <sup>1</sup>	50 <sup>1</sup>	69 <sup>1</sup>	94	94 <sup>1</sup>	1 <sup>1</sup>	2	3 <sup>W</sup>	3 <sup>W</sup>	3 <sup>1</sup>	2	5	3 <sup>W</sup>	5 <sup>W</sup>	5 <sup>1</sup>	49	47	69	92	92
	Ply	7800 <sup>1</sup>	7500 <sup>1</sup>	8200 <sup>+</sup>	7300 <sup>+</sup>	7300 <sup>+</sup>	1 <sup>1</sup>	7	1 <sup>W</sup>	1 <sup>W</sup>	0 <sup>+</sup>	7424 <sup>C</sup>	6291 <sup>C</sup>	7768 <sup>+</sup>	6336 <sup>+</sup>	6500 <sup>+</sup>	377	1216	433	965	800
Malaysia	Logs	21872	21838	22830	18710	19500 <sup>+</sup>	423	604	718	746	162	5583	6735	6801 <sup>1</sup>	5041 <sup>+</sup>	4300 <sup>+</sup>	16712	15707	16747	14415	15362
	Sawn	5091	5237	5590	4696	5000 <sup>+</sup>	436	364	451	473	245	2703	1863	2407	2357 <sup>+</sup>	2500 <sup>+</sup>	2824	3738	3634	2812	2745
	Ven	760	1008	1117	649	750 <sup>+</sup>	13	68 <sup>1</sup>	15	14	43	730	959	934	656 <sup>+</sup>	550 <sup>+</sup>	43	117	198	7	243
	Ply	3904	4123	4434	4318	4600 <sup>+</sup>	34	45 <sup>1</sup>	7	21	17	3631	3340 <sup>+</sup>	3420	3580	3350	307	828	1021	759	1267

**Table 1-1-d. Production, Trade and Consumption of Tropical Timber by ITTO Producers (1000 m<sup>3</sup>)**

Country	Product	Production					Imports					Exports					Domestic Consumption				
		1998	1999	2000	2001	2002	1998	1999	2000	2001	2002	1998	1999	2000	2001	2002	1998	1999	2000	2001	2002
Myanmar	Logs	2264 <sup>1</sup>	3347	3612	3962	3399	0	0	0	0	0	656	980	1115	1011	582	1608	2367	2497	2951	2817
	Sawn	299	298	545	671	379	0	0	0	0	0	99	42	126	243	29	200	256	419	428	349
	Ven	0 <sup>R</sup>	2	1	1	0 <sup>R</sup>	0	0	0	0	0	0	0 <sup>R</sup>	1	1	0 <sup>R</sup>	0	2	0	0	0
	Ply	8	8	55	53	19	0	0	0	0	0	1	2	46	45	5	7	6	9	8	15
Papua New Guinea	Logs	1700 <sup>1</sup>	2100 <sup>1</sup>	2134	1658	1700 <sup>1</sup>	0	0 <sup>C</sup>	0 <sup>CR</sup>	0 <sup>1</sup>	0 <sup>1</sup>	1613	1984	1993	1556	1500	87	116	141	102	200
	Sawn	30 <sup>1</sup>	30 <sup>1</sup>	40 <sup>1</sup>	40 <sup>1</sup>	60 <sup>1</sup>	0	0 <sup>C</sup>	0 <sup>C</sup>	0 <sup>1</sup>	0 <sup>1</sup>	26	19 <sup>1</sup>	30 <sup>1</sup>	30 <sup>1</sup>	50	4	11	10	10	10
	Ven	5 <sup>1</sup>	5 <sup>1</sup>	20	20 <sup>1</sup>	20 <sup>1</sup>	0	0 <sup>C</sup>	0 <sup>C</sup>	0 <sup>1</sup>	0 <sup>1</sup>	0	2 <sup>C</sup>	20	20 <sup>1</sup>	20 <sup>1</sup>	5	3	0	0	0
	Ply	5 <sup>1</sup>	10 <sup>1</sup>	5 <sup>1</sup>	5 <sup>1</sup>	5 <sup>1</sup>	0	0 <sup>CR</sup>	0 <sup>C</sup>	0 <sup>1</sup>	0 <sup>1</sup>	0	7 <sup>C</sup>	0	0	3	5	3	5	5	2
Philippines	Logs	634	730	800	401	390	226	366 <sup>1</sup>	350	259	499	0	0 <sup>R</sup>	0	0 <sup>R</sup>	1 <sup>1</sup>	860	1096	1150	660	889
	Sawn	222	288	151	199	188	239	307	264	217	325	39	69	120 <sup>1</sup>	97 <sup>1</sup>	121	422	526	295	318	392
	Ven	59	89	178	255	311	58	133 <sup>1</sup>	107	105	127	32	4	5 <sup>1</sup>	2	2	85	218	280	357	437
	Ply	281	243	326	348	329	4	4 <sup>1</sup>	0 <sup>R</sup>	0 <sup>R</sup>	8	6	12	8	5	7	279	235	318	343	330
Thailand	Logs	2872	2898 <sup>1</sup>	6262	7101	7800	255	398	393	433	191	12	0 <sup>R</sup>	0 <sup>R</sup>	0 <sup>R</sup>	3	3115	3296	6655	7534	7988
	Sawn	91	113	173	191	240	845	755	823	1000	785	59	174	311	333	375	877	694	685	858	650
	Ven	2	3	4	3	3	5	10	11	9	11	3	2	2	2	1	4	11	13	10	13
	Ply	53	82	92	106	120	0	0 <sup>R</sup>	38	30	20	12	4	37	36	26	41	79	93	100	114
Vanuatu	Logs	34 <sup>P</sup>	41	40	40	30	0	0	0	0	0	0 <sup>R</sup>	0 <sup>R</sup>	0	0	1	34	41	40	40	29
	Sawn	15 <sup>1</sup>	18	18	28	14	0	0	0	0 <sup>R</sup>	0	6	12	10	12	11	9	6	8	16	3
	Ven	0 <sup>P</sup>	0	0	0	0	0	0	0	0 <sup>R</sup>	0	0	0	0	0	0	0	0	0	0	0
	Ply	1 <sup>1</sup>	0	0	0	0	0 <sup>R</sup>	0	0	0 <sup>R</sup>	0	0	0	0	0	0	1	0	0	0	0
Latin America/ Caribbean	Logs	35482	35603	35864	35805	35899	5	14	10	6	10	138	227	195	254	267	35350	35389	35680	35557	35642
	Sawn	13684	13340	17468	17438	17404	268	192	40	41	169	821	1088	1107	1199	1442	13131	12444	16401	16280	16130
	Ven	295	367	420	417	416	29	16	4	7	5	126	76	62	51	70	198	307	363	373	351
	Ply	1194	1152	1055	1290	1250	22	26	32	43	50	369	638	620	940	529	847	540	467	393	771
Bolivia	Logs	797	502	468	559	559	0 <sup>R</sup>	1	1	1	2	0 <sup>R</sup>	3	3	1	2	797	500	466	559	559
	Sawn	380 <sup>1</sup>	244	239	308	329	0	1	0 <sup>R</sup>	1	2	81	42	43	43	49	299	203	196	266	283
	Ven	8	1	2	4	4	0	0 <sup>R</sup>	0	0 <sup>R</sup>	1	3	1	2	2	3	5	0	0	2	3
	Ply	4	4	4	4	4 <sup>1</sup>	0	0	0	0	0	0	1	0	0 <sup>R</sup>	1	4	3	4	4	3
Brazil	Logs	24500 <sup>1</sup>	25500 <sup>1</sup>	26000 <sup>1</sup>	26000 <sup>1</sup>	26000 <sup>1</sup>	4 <sup>1</sup>	7 <sup>1</sup>	6 <sup>W</sup>	0 <sup>W</sup>	1 <sup>1</sup>	0 <sup>1</sup>	0	7 <sup>W</sup>	3 <sup>W</sup>	4 <sup>1</sup>	24504	25507	25999	25997	25997
	Sawn	9740 <sup>+</sup>	10100 <sup>+</sup>	15300	15300 <sup>1</sup>	15300 <sup>1</sup>	239 <sup>1</sup>	145 <sup>W</sup>	0 <sup>W</sup>	2 <sup>W</sup>	130 <sup>+</sup>	621 <sup>+</sup>	929 <sup>1</sup>	936 <sup>1</sup>	1013 <sup>1</sup>	1233 <sup>1</sup>	9358	9316	14364	14288	14197
	Ven	240 <sup>1</sup>	320 <sup>1</sup>	370 <sup>1</sup>	370 <sup>1</sup>	370 <sup>1</sup>	24 <sup>+</sup>	14 <sup>W</sup>	2 <sup>W</sup>	1 <sup>W</sup>	0 <sup>R</sup>	115 <sup>+</sup>	67 <sup>1</sup>	50 <sup>W</sup>	39 <sup>W</sup>	61 <sup>1</sup>	149	267	322	332	310
	Ply	900 <sup>1</sup>	880 <sup>+</sup>	770 <sup>1</sup>	1000 <sup>+</sup>	1000 <sup>1</sup>	1 <sup>1</sup>	1	0 <sup>WR</sup>	1 <sup>W</sup>	0 <sup>1</sup>	264 <sup>+</sup>	508	440 <sup>1</sup>	826 <sup>1</sup>	440 <sup>1</sup>	637	373	330	174	561

**Table 1-1-d. Production, Trade and Consumption of Tropical Timber by ITTO Producers (1000 m<sup>3</sup>)**

Country	Product	Production					Imports					Exports					Domestic Consumption				
		1998	1999	2000	2001	2002	1998	1999	2000	2001	2002	1998	1999	2000	2001	2002	1998	1999	2000	2001	2002
Colombia	Logs	2193	1842	1791	1516	1645	1	1	0 <sup>R</sup>	0 <sup>R</sup>	0 <sup>R</sup>	17	17	21	13	7	2177	1826	1770	1503	1639
	Sawn	872	699	567	521	479	6	6	2	0 <sup>R</sup>	0	8	9	2	1	0 <sup>R</sup>	870	696	567	520	479
	Ven	1	1	2	2	1	1	0 <sup>R</sup>	0 <sup>R</sup>	0 <sup>R</sup>	0 <sup>R</sup>	0	0	0 <sup>R</sup>	0 <sup>R</sup>	0 <sup>R</sup>	2	2	2	2	2
	Ply	25	29	31	29	26	10	5	0 <sup>R</sup>	0 <sup>R</sup>	0 <sup>R</sup>	2	6	4	4	2	33	28	27	24	25
Ecuador	Logs	4750 <sup>I</sup>	4750 <sup>I</sup>	4750 <sup>I</sup>	5278 <sup>I</sup>	5278 <sup>I</sup>	0 <sup>CR</sup>	0 <sup>C</sup>	0 <sup>R</sup>	0 <sup>R</sup>	0 <sup>I</sup>	37 <sup>C</sup>	141 <sup>C</sup>	91	174	174 <sup>I</sup>	4713	4609	4659	5103	5104
	Sawn	1663 <sup>I</sup>	1164 <sup>I</sup>	356	396	400 <sup>I</sup>	0 <sup>CR</sup>	0 <sup>C</sup>	0 <sup>R</sup>	0 <sup>R</sup>	0 <sup>I</sup>	26 <sup>C</sup>	20 <sup>C</sup>	14	14	14	1637	1144	342	382	386
	Ven	5 <sup>I</sup>	5 <sup>I</sup>	5 <sup>I</sup>	5 <sup>I</sup>	5 <sup>I</sup>	0 <sup>CR</sup>	0 <sup>CR</sup>	0 <sup>R</sup>	0 <sup>R</sup>	0 <sup>I</sup>	1 <sup>C</sup>	0 <sup>CR</sup>	0 <sup>R</sup>	0 <sup>R</sup>	0 <sup>R</sup>	4	5	5	5	5
	Ply	109 <sup>I</sup>	104 <sup>I</sup>	104 <sup>I</sup>	104 <sup>I</sup>	85 <sup>I</sup>	0 <sup>C</sup>	0 <sup>C</sup>	0 <sup>R</sup>	0 <sup>R</sup>	0 <sup>I</sup>	9 <sup>C</sup>	36 <sup>I</sup>	75 <sup>C</sup>	17 <sup>C</sup>	20 <sup>I</sup>	100	68	29	88	65
Guatemala	Logs	111 <sup>I</sup>	100 <sup>I</sup>	93 <sup>I</sup>	85 <sup>I</sup>	100 <sup>I</sup>	0 <sup>I</sup>	0 <sup>CR</sup>	0 <sup>C</sup>	0 <sup>I</sup>	0 <sup>I</sup>	0 <sup>I</sup>	0 <sup>I</sup>	0 <sup>I</sup>	0 <sup>I</sup>	0 <sup>I</sup>	111	100	92	85	100
	Sawn	45 <sup>I</sup>	40 <sup>I</sup>	40 <sup>I</sup>	40 <sup>I</sup>	40 <sup>I</sup>	0 <sup>I</sup>	13 <sup>I</sup>	0 <sup>CR</sup>	1 <sup>I</sup>	1 <sup>I</sup>	5 <sup>I</sup>	5 <sup>I</sup>	10	15	15 <sup>I</sup>	40	48	31	26	26
	Ven	1 <sup>I</sup>	1 <sup>I</sup>	1 <sup>I</sup>	1 <sup>I</sup>	1 <sup>I</sup>	0 <sup>CR</sup>	0 <sup>I</sup>	0 <sup>CR</sup>	0 <sup>I</sup>	0 <sup>I</sup>	0 <sup>I</sup>	0 <sup>CR</sup>	1 <sup>I</sup>	0 <sup>I</sup>	0 <sup>I</sup>	1	1	0	1	1
	Ply	10 <sup>I</sup>	10 <sup>I</sup>	10 <sup>I</sup>	10 <sup>I</sup>	10 <sup>I</sup>	0 <sup>I</sup>	2 <sup>I</sup>	1 <sup>C</sup>	1 <sup>I</sup>	1 <sup>I</sup>	5 <sup>I</sup>	0 <sup>CR</sup>	1 <sup>C</sup>	8 <sup>I</sup>	1 <sup>I</sup>	5	12	11	3	11
Guyana	Logs	387	435	289	312	297	0	0	0	0	0 <sup>I</sup>	61	48	54	41 <sup>I</sup>	40 <sup>I</sup>	326	388	235	271	257
	Sawn	50 <sup>I</sup>	50 <sup>I</sup>	29	30	31	0	0	0	0	0 <sup>I</sup>	12	22	19	24	25 <sup>I</sup>	38	28	10	6	6
	Ven	0	0	0	0	0	0	0	0	0	0 <sup>I</sup>	0	0	0	0	0 <sup>I</sup>	0	0	0	0	0
	Ply	76	87	92	69	51	0	0	0	0	0 <sup>I</sup>	70	76	87	65	50 <sup>I</sup>	6	10	5	4	1
Honduras	Logs	34	32 <sup>I</sup>	12 <sup>I</sup>	15 <sup>I</sup>	18	0	0 <sup>R</sup>	0	0	0	0	0	0	0	0	34	32	12	15	18
	Sawn	17	15 <sup>I</sup>	7 <sup>I</sup>	5 <sup>I</sup>	10 <sup>I</sup>	0	0 <sup>R</sup>	0	0	0	0	0	0	0	0	17	15	7	5	10
	Ven	0	0	0	0	0	0 <sup>R</sup>	0 <sup>R</sup>	0 <sup>R</sup>	0	0	0	0 <sup>R</sup>	0	0	0	0	0	0	0	0
	Ply	6	0	0	0	0	0	0	0	0	0	6	0	0	0	0	0	0	0	0	0
Panama	Logs	22	46	60	64 <sup>I</sup>	64 <sup>I</sup>	0	0 <sup>R</sup>	0	0 <sup>R</sup>	2	1	1	4 <sup>I</sup>	7	9	21	45	56	57	57
	Sawn	8	26 <sup>I</sup>	25 <sup>I</sup>	40	30 <sup>I</sup>	0	0 <sup>R</sup>	0 <sup>R</sup>	1	0	0	0 <sup>R</sup>	0	4	1	8	26	25	37	29
	Ven	4	2	4	0	0 <sup>I</sup>	0	0 <sup>R</sup>	0 <sup>R</sup>	3	2	0	0 <sup>R</sup>	0	0	0	4	2	4	3	2
	Ply	0	0	4	0	0 <sup>I</sup>	0	1	3	18 <sup>I</sup>	24	0 <sup>R</sup>	0 <sup>R</sup>	0 <sup>R</sup>	0	1	0	1	7	18	24
Peru	Logs	1829	1530 <sup>I</sup>	1501	1063	1063 <sup>I</sup>	0	5	0	0	0 <sup>I</sup>	0	0 <sup>R</sup>	0 <sup>R</sup>	0	0 <sup>I</sup>	1829	1535	1501	1063	1063
	Sawn	590	791	643	491	491 <sup>I</sup>	0	0	0 <sup>R</sup>	0	0 <sup>I</sup>	62	55	75	77	100 <sup>I</sup>	528	736	568	413	391
	Ven	7	7 <sup>I</sup>	8 <sup>I</sup>	10	10 <sup>I</sup>	0	0	0	0 <sup>R</sup>	0 <sup>I</sup>	7	7	8	8 <sup>I</sup>	5 <sup>I</sup>	0	0	0	2	5
	Ply	57	34	36	71	71 <sup>I</sup>	0	0	0 <sup>R</sup>	0 <sup>R</sup>	0 <sup>I</sup>	10	8 <sup>I</sup>	12	19 <sup>I</sup>	15 <sup>I</sup>	47	26	24	51	56
Suriname	Logs	143	94	176	162	162	0	0	0	0	0	21	17	10	8	26	122	77	166	154	136
	Sawn	41	28	60	57	51	0	0	0	0	0	5	4	7	8	5	36	24	53	49	46
	Ven	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Ply	7	4	4	3	3	2	2 <sup>I</sup>	1 <sup>I</sup>	2 <sup>I</sup>	3 <sup>I</sup>	3	2	1	0 <sup>R</sup>	0	6	4	5	5	6

**Table 1-1-d. Production, Trade and Consumption of Tropical Timber by ITTO Producers (1000 m<sup>3</sup>)**

Country	Product	Production					Imports					Exports					Domestic Consumption				
		1998	1999	2000	2001	2002	1998	1999	2000	2001	2002	1998	1999	2000	2001	2002	1998	1999	2000	2001	2002
Trinidad	Logs	32	16	62	56	65 <sup>1</sup>	0	0	3	5	5	0 <sup>R</sup>	0	0 <sup>R</sup>	1	0	32	16	65	60	70
and Tobago	Sawn	17	10 <sup>1</sup>	27	41	41	11	8 <sup>1</sup>	3 <sup>1</sup>	6 <sup>1</sup>	6 <sup>1</sup>	1	1	1	0 <sup>R</sup>	0 <sup>RI</sup>	27	17	29	47	47
	Ven	0	0	0	0	0	0	0	0	2 <sup>1</sup>	2 <sup>1</sup>	0	0	0 <sup>R</sup>	2	2	0	0	0	0	0
	Ply	0	0	0	0	0	0	0	0	0 <sup>R</sup>	0 <sup>R</sup>	0	0	0 <sup>R</sup>	0 <sup>1</sup>	0 <sup>RI</sup>	0	0	0	0	0
Venezuela	Logs	684	754	664	695	647	0 <sup>R</sup>	0 <sup>R</sup>	0 <sup>R</sup>	0	0	0 <sup>R</sup>	0 <sup>R</sup>	5	6	5	684	754	659	689	642
	Sawn	261	174	175	211	202	12	19	34	31 <sup>C</sup>	30 <sup>1</sup>	0 <sup>R</sup>	2	0 <sup>R</sup>	0 <sup>R</sup>	0 <sup>R</sup>	273	190	209	242	232
	Ven	29	30	28	26	25	4	1	2	0 <sup>R</sup>	0 <sup>R</sup>	0 <sup>R</sup>	0 <sup>R</sup>	0 <sup>R</sup>	0 <sup>R</sup>	0 <sup>R</sup>	33	31	30	26	25
	Ply	0	0	0	0	0	9	14	27	20 <sup>1</sup>	20	0 <sup>R</sup>	0 <sup>R</sup>	0 <sup>R</sup>	0	0	9	14	27	20	20
Producers Total	Logs	125623	126119	126115	121890	120732	2258	3289	3259	3562	2967	12476	14293	16546	15898	12804	115405	115114	112828	109554	110895
	Sawn	35689	34676	39958	38723	38625	1796	1629	1604	1780	1579	5694	6011	7618	8084	8522	31791	30294	33944	32420	31682
	Ven	1934	2236	2588	2191	2364	114	230	142	138	193	1452	1556	1467	1147	1016	596	911	1263	1182	1541
	Ply	13922	13805	14817	14042	14300	81	107	85	99	110	11635	10538	12133	11128	10684	2368	3374	2769	3014	3726
ITTO Total	Logs	125947	126378	126474	122259	121101	13181	16423	17407	18948	15650	12638	14482	16812	16129	12979	126490	128319	127070	125078	123772
	Sawn	37848	36650	42109	40662	40487	7006	8090	9348	9539	8851	6062	6491	8512	8808	9256	38792	38249	42945	41394	40082
	Ven	2364	2637	2937	2520	2662	1080	1423	1400	1191	1079	1543	1653	1572	1267	1139	1901	2407	2766	2444	2602
	Ply	18133	19255	20535	20070	20289	10677	10523	10388	10333	9822	12255	11280	13162	12276	11851	16556	18498	17762	18128	18259

**Table 1-2-a. Trade of All Timber by ITTO Consumers - Value (1000 \$ and \$/m<sup>3</sup>)**

Country	Product	Species	Imports				Exports			
			Value		Unit Value		Value		Unit Value	
			2000	2001	2000	2001	2000	2001	2000	2001
Australia	Logs	All	585	310	317	361	37325	29111	33	32
		C	65	12	382	253	34332	26178	36	33
		NC	520	298	310	367	2993	2933	17	25
	Sawn	All	342689	194189	334	314	39191	38861	346	266
		C	269713	145816	302	278	14300	16581	280	200
		NC	72976	48373	554	516	24892	22280	400	354
	Ven	All	15645	10508	729	502	4159	4090	666	590
		C	884	571	149	94	2923	3025	547	517
		NC	14761	9936	951	668	1236	1065	1383	981
	Ply	All	44739	33504	409	341	1437	2992	231	74
		C	19156	18466	374	318	1038	1673	365	163
		NC	25583	15038	439	376	399	1319	118	44
Canada	Logs	All	381753	391527	59	56	327137	310178	113	96
		C	205465	216684	45	46	271370	261449	105	89
		NC	176288	174843	89	79	55767	48728	181	166
	Sawn	All	561458	452733	323	316	8205679	7492258	225	206
		C	159703	108325	288	275	7753963	7096855	221	202
		NC	401755	344408	340	332	451716	395403	313	314
	Ven	All	161969	152599	558	500	343886	331608	421	392
		C	13226	12961	414	466	102649	117686	243	249
		NC	148743	139639	576	503	241238	213923	614	575
	Ply	All	71099	60146	309	161	368435	376085	391	365
		C	38602	27986	302	272	189415	198980	326	295
		NC	32497	32160	317	118	179019	177105	498	499
China	Logs	All	1655640	1693842	122	99	7937	5553	297	313
		C	378859	541779	59	58	231	178	204	275
		NC	1276781	1152063	177	149	7706	5375	301	314
	Sawn	All	993380	986694	271	246	280082	195076	509	450
		C	84177	90903	166	142	60953	48883	493	587
		NC	909203	895791	288	265	219129	146193	514	418
	Ven	All	192257	95195 *	296	284	55669	70336	1042	1128
		C	11578	11000 *	345	250	5280	2054	624	1087
		NC	180679	84195 *	293	289	50389	68282	1121	1129
	Ply	All	436337	321846 <sup>1</sup>	436	494	188942	242290	274	251
		C	255658	8846 <sup>1</sup>	2757	350	89403	112870	276	235
		NC	180679	313000 <sup>1</sup>	199	500	99539	129420	272	266
(Hong Kong S.A.R.)	Logs	All	169621 <sup>C</sup>	370609 <sup>C</sup>	192	588	21262 <sup>1</sup>	21092 <sup>1</sup>	302	301
		C	562 <sup>C</sup>	3792 <sup>C</sup>	282	3326	262 <sup>C</sup>	92 <sup>C</sup>	605	538
		NC	169059 <sup>C</sup>	366817 <sup>C</sup>	192	583	21000 <sup>1</sup>	21000 <sup>1</sup>	300	300
	Sawn	All	446541 <sup>C</sup>	911090 <sup>C</sup>	369	784	65 <sup>1</sup>	37 <sup>1</sup>	617	297
		C	20448 <sup>C</sup>	25653 <sup>C</sup>	183	147	47 <sup>C</sup>	37 <sup>C</sup>	920	297
		NC	426093 <sup>C</sup>	885437 <sup>C</sup>	388	896	19 <sup>1</sup>	0 <sup>1</sup>	338	338
	Ven	All	49688 <sup>C</sup>	82831 <sup>C</sup>	3056	2588	44212 <sup>C</sup>	78471 <sup>C</sup>	2797	4964
		C	2596 <sup>C</sup>	4202 <sup>C</sup>	1446	2101	1603 <sup>C</sup>	2287 <sup>C</sup>	1193	1702
		NC	47091 <sup>C</sup>	78629 <sup>C</sup>	3256	2621	42609 <sup>C</sup>	76184 <sup>C</sup>	2946	5267
	Ply	All	168264 <sup>1</sup>	158106 <sup>1</sup>	412	388	117796 <sup>C</sup>	84474 <sup>C</sup>	1975	1536
		C	36518 <sup>1</sup>	36000 <sup>1</sup>	337	333	4625 <sup>C</sup>	0 <sup>C</sup>	1042	--
		NC	131747 <sup>C</sup>	122106 <sup>C</sup>	439	407	113171 <sup>C</sup>	84474 <sup>C</sup>	2050	1536
(Macao S.A.R.)	Logs	All	188 <sup>C</sup>	188 <sup>1</sup>	44	47	43 <sup>C</sup>	43 <sup>1</sup>	92	--
		C	126 <sup>C</sup>	126 <sup>1</sup>	36	42	0 <sup>C</sup>	0 <sup>1</sup>	--	--
		NC	63 <sup>C</sup>	63 <sup>1</sup>	76	63	43 <sup>C</sup>	43 <sup>1</sup>	92	--
	Sawn	All	599 <sup>C</sup>	599 <sup>1</sup>	126	126	348 <sup>C</sup>	348 <sup>1</sup>	122	116
		C	1 <sup>C</sup>	1 <sup>1</sup>	178	178	0 <sup>C</sup>	0 <sup>1</sup>	--	--
		NC	598 <sup>C</sup>	598 <sup>1</sup>	126	126	348 <sup>C</sup>	348 <sup>1</sup>	122	116
	Ven	All	7 <sup>C</sup>	7 <sup>1</sup>	1386	--	1 <sup>C</sup>	1 <sup>1</sup>	290	--
		C	0 <sup>C</sup>	0 <sup>1</sup>	--	--	0 <sup>C</sup>	0 <sup>1</sup>	--	--
		NC	7 <sup>C</sup>	7 <sup>1</sup>	1386	--	1 <sup>C</sup>	1 <sup>1</sup>	290	--
	Ply	All	2909 <sup>C</sup>	2909 <sup>1</sup>	139	139	686 <sup>C</sup>	686 <sup>1</sup>	102	98
		C	516 <sup>C</sup>	516 <sup>1</sup>	103	103	460 <sup>C</sup>	460 <sup>1</sup>	92	92
		NC	2393 <sup>C</sup>	2393 <sup>1</sup>	150	150	226 <sup>C</sup>	226 <sup>1</sup>	131	113

**Table 1-2-a. Trade of All Timber by ITTO Consumers - Value (1000 \$ and \$/m<sup>3</sup>)**

Country	Product	Species	Imports				Exports			
			Value		Unit Value		Value		Unit Value	
			2000	2001	2000	2001	2000	2001	2000	2001
(Taiwan Province of China)	Logs	All	184506 <sup>C</sup>	136228 <sup>C</sup>	132	29	9103 <sup>C</sup>	8634 <sup>I</sup>	583	576
		C	13958 <sup>C</sup>	18670 <sup>C</sup>	129	116	1996 <sup>C</sup>	2575 <sup>I</sup>	515	515
		NC	170548 <sup>C</sup>	117558 <sup>C</sup>	133	26	7108 <sup>C</sup>	6060 <sup>I</sup>	606	606
	Sawn	All	299031 <sup>C</sup>	199618 <sup>C</sup>	247	238	40992 <sup>C</sup>	32074 <sup>I</sup>	791	862
		C	95188 <sup>C</sup>	71127 <sup>C</sup>	149	174	21958 <sup>C</sup>	20949 <sup>I</sup>	1177	1177
		NC	203844 <sup>C</sup>	128490 <sup>C</sup>	356	300	19034 <sup>C</sup>	11125 <sup>I</sup>	573	573
	Ven	All	65775 <sup>C</sup>	51121 <sup>C</sup>	412	281	6930 <sup>C</sup>	14633 <sup>I</sup>	1409	1463
		C	1530 <sup>C</sup>	3665 <sup>C</sup>	574	316	103 <sup>C</sup>	2005 <sup>I</sup>	2005	2005
		NC	64246 <sup>C</sup>	47456 <sup>C</sup>	410	279	6827 <sup>C</sup>	12628 <sup>I</sup>	1403	1403
	Ply	All	191506 <sup>C</sup>	129312 <sup>C</sup>	287	213	41832 <sup>C</sup>	55180 <sup>I</sup>	670	678
		C	9611 <sup>C</sup>	14561 <sup>C</sup>	264	231	5205 <sup>C</sup>	3634 <sup>I</sup>	568	568
		NC	181895 <sup>C</sup>	114751 <sup>C</sup>	288	211	36627 <sup>C</sup>	51546 <sup>I</sup>	687	687
Egypt	Logs	All	16624 <sup>C</sup>	13144 <sup>C</sup>	88	88	3241	2119	810	1060
		C	14671 <sup>C</sup>	10960 <sup>C</sup>	86	86	1281	982	641	982
		NC	1953 <sup>C</sup>	2184 <sup>C</sup>	99	102	1960	1137	980	1137
	Sawn	All	258278 <sup>I</sup>	327045	124	108	0	52	--	--
		C	191404 <sup>C</sup>	211571	101	80	0	0	--	--
		NC	66874	115474	374	313	0	52	--	--
	Ven	All	15807	17704	452	322	185	4401	--	314
		C	5555	6475	427	589	185	4386	--	313
		NC	10252	11229	466	255	0	15	--	--
	Ply	All	37672	54027	359	336	0	0	--	--
		C	1057	7063	264	1413	0	0	--	--
		NC	36615	46964	363	301	0	0	--	--
EU	Logs	All	3154490	2883746	57	56	1616567	1354228	91	83
		C	1413188	1320496	47	46	691926	560217	60	56
		NC	1741301	1563250	68	68	924641	794012	147	124
	Sawn	All	9003077	7704205	211	192	7351719	6490461	217	200
		C	5809070	4861150	168	150	6003009	5348756	191	176
		NC	3194007	2843054	389	375	1348710	1141705	574	537
	Ven	All	1077259	989801	1275	1198	724982	686680	1433	1340
		C	132960	120179	817	677	84977	75450	546	497
		NC	944299	869622	1384	1340	640006	611230	1827	1695
	Ply	All	2120573	2021862	423	399	1376255	1315378	521	538
		C	943427	855934	389	367	571489	534200	428	440
		NC	1177146	1165928	455	426	804767	781179	618	633
	Total	All	15355399	13599613	--	--	11069524	9846748	--	--
		C	8298646	7157758	--	--	7351401	6518623	--	--
		NC	7056753	6441855	--	--	3718123	3328125	--	--
Austria	Logs	All	435989 <sup>C</sup>	379722 <sup>C</sup>	52	50	68791 <sup>C</sup>	75460 <sup>C</sup>	74	70
		C	370309 <sup>C</sup>	319169 <sup>C</sup>	53	51	31653 <sup>C</sup>	36691 <sup>C</sup>	68	62
		NC	65680 <sup>C</sup>	60552 <sup>C</sup>	46	43	37138 <sup>C</sup>	38769 <sup>C</sup>	81	82
	Sawn	All	271945 <sup>C</sup>	252418 <sup>C</sup>	164	159	1038050 <sup>C</sup>	980382 <sup>C</sup>	163	156
		C	182924 <sup>C</sup>	171140 <sup>C</sup>	140	134	977094 <sup>C</sup>	917289 <sup>C</sup>	159	151
		NC	89021 <sup>C</sup>	81278 <sup>C</sup>	249	257	60957 <sup>C</sup>	63093 <sup>C</sup>	292	312
	Ven	All	41758 <sup>E</sup>	41758 <sup>C</sup>	1740	1501	37910 <sup>E</sup>	56412 <sup>C</sup>	2355	2548
		C	4070 <sup>E</sup>	4070 <sup>C</sup>	814	699	5360 <sup>E</sup>	4352 <sup>C</sup>	2553	1386
		NC	37688 <sup>E</sup>	37688 <sup>C</sup>	1984	1713	32550 <sup>E</sup>	52060 <sup>C</sup>	2325	2740
	Ply	All	87848 <sup>E</sup>	87848 <sup>C</sup>	582	586	140324 <sup>E</sup>	133235 <sup>C</sup>	573	449
		C	42753 <sup>E</sup>	42753 <sup>C</sup>	509	570	113722 <sup>E</sup>	102887 <sup>C</sup>	557	453
		NC	45095 <sup>E</sup>	45095 <sup>C</sup>	673	601	26601 <sup>E</sup>	30348 <sup>C</sup>	647	434

**Table 1-2-a. Trade of All Timber by ITTO Consumers - Value (1000 \$ and \$/m<sup>3</sup>)**

Country	Product	Species	Imports				Exports			
			Value		Unit Value		Value		Unit Value	
			2000	2001	2000	2001	2000	2001	2000	2001
Belgium	Logs	All	155252 <sup>C</sup>	118197 <sup>C</sup>	39	30	93044 <sup>C</sup>	57763 <sup>C</sup>	80	71
		C	67317 <sup>C</sup>	47577 <sup>C</sup>	38	27	43332 <sup>C</sup>	26444 <sup>C</sup>	51	48
		NC	87934 <sup>C</sup>	70620 <sup>C</sup>	39	33	49711 <sup>C</sup>	31319 <sup>C</sup>	153	116
	Sawn	All	569482 <sup>C</sup>	446181 <sup>C</sup>	256	229	320253 <sup>C</sup>	240454 <sup>C</sup>	312	331
		C	264146 <sup>C</sup>	197000 <sup>C</sup>	168	144	126299 <sup>C</sup>	95792 <sup>C</sup>	186	206
		NC	305336 <sup>C</sup>	249182 <sup>C</sup>	466	428	193954 <sup>C</sup>	144662 <sup>C</sup>	559	554
	Ven	All	54958 <sup>C</sup>	46448 <sup>C</sup>	1277	968	48420 <sup>C</sup>	39955 <sup>C</sup>	2100	1249
		C	8371 <sup>C</sup>	8564 <sup>C</sup>	1052	856	2786 <sup>C</sup>	1670 <sup>C</sup>	2228	835
		NC	46586 <sup>C</sup>	37884 <sup>C</sup>	1328	997	45634 <sup>C</sup>	38285 <sup>C</sup>	2092	1276
	Ply	All	200610 <sup>C</sup>	170033 <sup>C</sup>	376	327	155397 <sup>C</sup>	140373 <sup>C</sup>	409	376
		C	53409 <sup>C</sup>	35857 <sup>C</sup>	297	205	27785 <sup>C</sup>	21191 <sup>C</sup>	291	228
		NC	147201 <sup>C</sup>	134176 <sup>C</sup>	416	389	127612 <sup>C</sup>	119182 <sup>C</sup>	448	426
Denmark	Logs	All	44484	41584	84	83	69266	71277 <sup>I</sup>	79	94
		C	22056	20912	136	118	23295	18254 <sup>I</sup>	33	33
		NC	22428	20672	61	64	45971	53023 <sup>I</sup>	270	250
	Sawn	All	505432	449014	145	107	56255	48074	481	458
		C	422412	359956	126	90	27013	19230	265	226
		NC	83020	89058	634	479	29243	28845	1950	1442
	Ven	All	50556	48916	1264	1390	12142	12499	1735	1562
		C	2602	3125	434	223	495	240	495	--
		NC	47953	45791	1410	2160	11648	12259	1941	1532
	Ply	All	85251	76678	345	294	18587	19710	453	394
		C	44608	34734	282	226	12267	13341	409	361
		NC	40643	41945	457	392	6319	6370	574	490
Finland	Logs	All	351999	414948	36	35	42995	33750	86	85
		C	152043	192086	36	37	38055	28895	79	76
		NC	199955	222862	35	34	4940	4855	260	282
	Sawn	All	78139	68234	229	244	1434427	1268735	170	156
		C	27967	22544	106	110	1424380	1260842	169	155
		NC	50172	45689	639	611	10047	7893	393	363
	Ven	All	10237	10869	1422	756	39118	39912	435	412
		C	432	753	2142	2091	22669	22242	294	269
		NC	9805	10117	1401	722	16450	17669	1265	1249
	Ply	All	11407	19553	346	328	506488	484651	503	480
		C	1466	983	733	313	185838	171420	340	329
		NC	9941	18570	321	329	320650	313231	697	641
France	Logs	All	275897	250402	134	124	392547	271699	68	46
		C	30337	33418	47	44	86753	92550	31	31
		NC	245560	216984	174	174	305795	179149	101	62
	Sawn	All	784476	722005	235	238	297448	270450	215	206
		C	478165	429001	178	181	89260	87702	123	121
		NC	306311	293003	465	443	208188	182747	315	312
	Ven	All	89835	93204	888	804	110048	99070	1424	1378
		C	22423	21988	457	451	4939	4295	1253	814
		NC	67411	71216	1293	1060	105108	94776	1433	1423
	Ply	All	180974	177296	519	498	157325	141396	681	706
		C	66559	65797	492	484	38526	28034	414	373
		NC	114415	111499	537	507	118799	113362	860	906
Germany	Logs	All	316184	269901	89	84	791958	623434	142	146
		C	149237	142196	51	50	372356	263193	91	93
		NC	166947	127705	280	326	419602	360240	284	253
	Sawn	All	1272762	903240	201	186	1645342	1456106	421	413
		C	955504	660406	173	164	1063022	954619	323	326
		NC	317258	242834	386	298	582320	501487	945	843
	Ven	All	256340	207918	1371	1162	264259	237670	2081	1828
		C	10010	6508	834	343	4529	3575	2264	715
		NC	246330	201410	1408	1259	259730	234096	2078	1873
	Ply	All	488755 <sup>E</sup>	427661 <sup>E</sup>	425	428	122078 <sup>E</sup>	117245 <sup>E</sup>	581	724
		C	310098 <sup>I</sup>	273977 <sup>I</sup>	425	428	75572 <sup>I</sup>	79611 <sup>I</sup>	581	724
		NC	178657 <sup>I</sup>	153684 <sup>I</sup>	425	428	46506 <sup>I</sup>	37634 <sup>I</sup>	581	724

**Table 1-2-a. Trade of All Timber by ITTO Consumers - Value (1000 \$ and \$/m<sup>3</sup>)**

Country	Product	Species	Imports				Exports			
			Value		Unit Value		Value		Unit Value	
			2000	2001	2000	2001	2000	2001	2000	2001
Greece	Logs	All	49456 <sup>I</sup>	105545 <sup>I</sup>	111	112	1457	1413	484	469
		C	25103 <sup>I</sup>	52930 <sup>I</sup>	84	84	62	60	137	133
		NC	24353	52615 <sup>I</sup>	170	170	1395	1353	545	528
	Sawn	All	121164	118111 <sup>E</sup>	173	180	8347	8094	77	79
		C	100820	97766 <sup>E</sup>	187	198	1093	1060	207	--
		NC	20344	20344 <sup>E</sup>	125	125	7254	7034	71	68
	Ven	All	18184 <sup>E</sup>	18184 <sup>E</sup>	1693	1693	1077 <sup>E</sup>	1077 <sup>E</sup>	769	769
		C	2177 <sup>E</sup>	2177 <sup>E</sup>	9895	9895	103 <sup>E</sup>	103 <sup>E</sup>	1034	1034
		NC	16007 <sup>E</sup>	16007 <sup>E</sup>	1522	1522	973 <sup>E</sup>	973 <sup>E</sup>	749	749
	Ply	All	4609 <sup>E</sup>	4609 <sup>E</sup>	183	153	12616 <sup>E</sup>	12616 <sup>E</sup>	682	682
		C	3564 <sup>E</sup>	3564 <sup>E</sup>	253	208	24 <sup>E</sup>	24 <sup>E</sup>	239	239
		NC	1045 <sup>E</sup>	1045 <sup>E</sup>	94	80	12592 <sup>E</sup>	12592 <sup>E</sup>	684	684
Ireland	Logs	All	25294 <sup>C</sup>	24528 <sup>E</sup>	224	248	8076 <sup>C</sup>	8076 <sup>E</sup>	194	158
		C	11945 <sup>C</sup>	11583 <sup>E</sup>	149	187	7866 <sup>C</sup>	7866 <sup>E</sup>	192	157
		NC	13349 <sup>C</sup>	12945 <sup>E</sup>	405	350	210 <sup>C</sup>	210 <sup>E</sup>	385	210
	Sawn	All	274273 <sup>I</sup>	178691 <sup>E</sup>	425	248	32046 <sup>C</sup>	32046 <sup>E</sup>	117	165
		C	206504 <sup>I</sup>	112975 <sup>E</sup>	393	200	27423 <sup>C</sup>	27423 <sup>E</sup>	103	147
		NC	67769 <sup>C</sup>	65716 <sup>E</sup>	560	419	4624 <sup>C</sup>	4624 <sup>E</sup>	578	578
	Ven	All	7867 <sup>E</sup>	7629 <sup>E</sup>	1967	2543	976 <sup>I</sup>	1426 <sup>E</sup>	2229	2353
		C	4475 <sup>E</sup>	4339 <sup>E</sup>	2238	4339	626 <sup>E</sup>	626 <sup>E</sup>	--	--
		NC	3392 <sup>E</sup>	3289 <sup>E</sup>	1696	1645	350 <sup>I</sup>	800 <sup>E</sup>	800	1320
	Ply	All	41072 <sup>E</sup>	39828 <sup>E</sup>	300	254	848 <sup>E</sup>	848 <sup>E</sup>	424	424
		C	25852 <sup>E</sup>	25069 <sup>E</sup>	327	278	462	462 <sup>E</sup>	462	462
		NC	15221 <sup>E</sup>	14760 <sup>E</sup>	262	220	386 <sup>E</sup>	386 <sup>E</sup>	386	386
Italy	Logs	All	499508	434123	86	83	10825	8576	451	373
		C	167232	149805	65	66	1260	915	315	305
		NC	332276	284317	103	97	9565	7660	478	383
	Sawn	All	1651714	1452217	197	187	135634	107425	652	545
		C	950198	836864	151	141	11425	12313	279	246
		NC	701516	615353	338	335	124209	95112	744	647
	Ven	All	222091	209819	1116	1206	84252	84827	3009	3393
		C	19441	12815	1944	1831	8256	8972	2752	2991
		NC	202650	197004	1072	1180	75997	75856	3040	3448
	Ply	All	188139	191432	446	450	114454	122194	784	1490
		C	76010	69429	434	416	40938	43344	853	2709
		NC	112129	122003	454	473	73515	78850	750	1195
Luxemboug	Logs	All	18892 <sup>C</sup>	18892 <sup>I</sup>	25	28	10756 <sup>C</sup>	10756 <sup>E</sup>	49	54
		C	17580 <sup>C</sup>	17580 <sup>E</sup>	26	28	6393 <sup>C</sup>	6393 <sup>E</sup>	42	43
		NC	1312 <sup>C</sup>	1312 <sup>I</sup>	20	26	4362 <sup>C</sup>	4362 <sup>E</sup>	67	87
	Sawn	All	11158 <sup>C</sup>	11158 <sup>E</sup>	177	162	5157 <sup>E</sup>	5157 <sup>E</sup>	156	184
		C	7935 <sup>C</sup>	7935 <sup>E</sup>	161	164	4924 <sup>E</sup>	4924 <sup>E</sup>	149	176
		NC	3224 <sup>C</sup>	3224 <sup>E</sup>	236	156	233 <sup>E</sup>	233 <sup>E</sup>	3334	3334
	Ven	All	498 <sup>E</sup>	498 <sup>E</sup>	3033	3033	5 <sup>E</sup>	5 <sup>E</sup>	--	--
		C	212 <sup>E</sup>	212 <sup>E</sup>	9209	9209	1 <sup>E</sup>	1 <sup>E</sup>	--	--
		NC	286 <sup>E</sup>	286 <sup>E</sup>	2026	2026	4 <sup>E</sup>	4 <sup>E</sup>	--	--
	Ply	All	3934 <sup>E</sup>	3934 <sup>E</sup>	328	281	178 <sup>E</sup>	178 <sup>E</sup>	625	625
		C	1434 <sup>E</sup>	1434 <sup>E</sup>	179	143	44 <sup>E</sup>	44 <sup>E</sup>	570	570
		NC	2500 <sup>E</sup>	2500 <sup>E</sup>	625	625	134 <sup>E</sup>	134 <sup>E</sup>	646	646
Netherlands	Logs	All	33962	36432	89	84	8902	74334	41	179
		C	6223	13593	41	51	4507	14279	32	43
		NC	27739	22839	120	134	4395	60055	57	721
	Sawn	All	832424	667565	225	203	137598	102511	362	337
		C	472585	383522	160	144	62729	49777	233	236
		NC	359839	284043	481	455	74870	52734	672	565
	Ven	All	16704	16582	756	1036	13954	16146	997	973
		C	5218	5085	492	726	769	361	1282	1803
		NC	11486	11497	999	1277	13185	15785	984	963
	Ply	All	255700	243647	430	406	31234	29989	573	531
		C	85909	80883	313	281	5018	5975	341	334
		NC	169791	162764	531	521	26215	24014	659	622

**Table 1-2-a. Trade of All Timber by ITTO Consumers - Value (1000 \$ and \$/m<sup>3</sup>)**

Country	Product	Species	Imports				Exports			
			Value		Unit Value		Value		Unit Value	
			2000	2001	2000	2001	2000	2001	2000	2001
Portugal	Logs	All	158831	124058	149	147	27776	37571	51	49
		C	8523	6582	72	52	5624	5547	44	48
		NC	150308	117476	159	163	22152	32024	53	50
	Sawn	All	109263	93165	368	392	41667	37934	147	143
		C	11254	11774	250	248	37673	35428	139	137
		NC	98009	81391	389	428	3994	2506	341	334
	Ven	All	38851	35816	1229	2007	17240	16120	323	387
		C	5648	4885	1026	1063	10837	8088	248	238
		NC	33204	30932	1272	2335	6402	8033	663	1042
	Ply	All	16240	12598	550	475	2221	2639	474	487
		C	3656	3306	784	468	2106	2284	471	475
		NC	12584	9292	506	477	115	354	548	589
Spain	Logs	All	238420 <sup>C</sup>	225900 <sup>I</sup>	42	55	12157 <sup>C</sup>	19032 <sup>I</sup>	43	50
		C	40978 <sup>C</sup>	40900 <sup>I</sup>	29	26	5412 <sup>C</sup>	5947 <sup>I</sup>	27	27
		NC	197441 <sup>C</sup>	185000 <sup>I</sup>	46	72	6746 <sup>C</sup>	13085 <sup>I</sup>	81	81
	Sawn	All	708132 <sup>C</sup>	708132 <sup>E</sup>	219	220	41805 <sup>C</sup>	40539 <sup>E</sup>	459	317
		C	322374 <sup>C</sup>	322374 <sup>E</sup>	169	153	13155 <sup>C</sup>	12757 <sup>E</sup>	257	154
		NC	385758 <sup>C</sup>	385758 <sup>E</sup>	292	347	28650 <sup>C</sup>	27783 <sup>E</sup>	718	617
	Ven	All	142802 <sup>C</sup>	142802 <sup>I</sup>	1373	1180	55465 <sup>C</sup>	55000 <sup>I</sup>	1547	1222
		C	21904 <sup>C</sup>	21904 <sup>I</sup>	996	707	9393 <sup>C</sup>	9000 <sup>I</sup>	1498	1800
		NC	120898 <sup>C</sup>	120898 <sup>I</sup>	1474	1343	46073 <sup>C</sup>	46000 <sup>I</sup>	1558	1150
	Ply	All	39031 <sup>E</sup>	45295 <sup>C</sup>	353	273	66226 <sup>E</sup>	64220 <sup>E</sup>	327	747
		C	12526 <sup>E</sup>	17883 <sup>C</sup>	283	496	41308 <sup>E</sup>	40056 <sup>E</sup>	414	977
		NC	26505 <sup>E</sup>	27412 <sup>C</sup>	399	211	24918 <sup>E</sup>	24163 <sup>E</sup>	242	537
Sweden	Logs	All	480900	362859	39	36	60068	51643	42	40
		C	311618	225733	41	37	57316	50482	41	40
		NC	169283	137125	36	35	2752	1161	81	40
	Sawn	All	113849	97159	327	314	2113370	1846403	191	169
		C	27232	22935	145	148	2102105	1834984	191	168
		NC	86617	74224	541	482	11265	11419	433	476
	Ven	All	50199	43934	1505	1515	16667	10064	1105	671
		C	11046	7064	671	543	7787	8419	752	842
		NC	39153	36870	2318	2304	8880	1645 <sup>I</sup>	1877	329
	Ply	All	80708 <sup>E</sup>	62989 <sup>E</sup>	422	401	27389 <sup>E</sup>	21158 <sup>E</sup>	435	385
		C	35068 <sup>E</sup>	27369 <sup>E</sup>	396	396	16003 <sup>E</sup>	12362 <sup>E</sup>	311	400
		NC	45640 <sup>E</sup>	35620 <sup>E</sup>	445	445	11386 <sup>E</sup>	8796 <sup>E</sup>	506	800
U.K.	Logs	All	69422	76655	240	221	17950	9446	140	90
		C	32686	46431	174	182	8042	2699	231	188
		NC	36737	30224	363	329	9908	6747	106	75
	Sawn	All	1698864	1536915	213	195	44320	46152	227	215
		C	1379051	1224957	189	171	35417	34617	191	171
		NC	319813	311958	488	448	8903	11535	893	984
	Ven	All	76380	65423	2020	1912	23448	16496	1355	2618
		C	14931	16691	955	1059	6427	3507	1484	2435
		NC	61448	48733	2771	2639	17021	12989	1312	2673
	Ply	All	436295	458459	419	401	20893	24927	613	504
		C	180516	172896	400	382	11876	13165	617	516
		NC	255780	285563	434	414	9017	11762	609	490
Japan	Logs	All	2331429	1873114	146	135	758	531	253	266
		C	1714432	1475023	140	131	666	367	222	184
		NC	616997	398091	166	152	92	164	--	--
	Sawn	All	3235507	2686881	325	299	8245	7375	1178	738
		C	2593667	2156934	295	269	2003	1699	668	425
		NC	641840	529947	561	556	6242	5676	1561	946
	Ven	All	101200	91298	865	830	15422	10319	2203	1474
		C	26802	17625	924	1037	411	263	--	--
		NC	74398	73673	845	792	15011	10056	2144	1437
	Ply	All	1894161	1697981	376	338	8571	7969	1224	613
		C	179577	154277	444	420	1096	2714	365	302
		NC	1714584	1543704	370	332	7475	5255	1869	1314

**Table 1-2-a. Trade of All Timber by ITTO Consumers - Value (1000 \$ and \$/m<sup>3</sup>)**

Country	Product	Species	Imports				Exports			
			Value		Unit Value		Value		Unit Value	
			2000	2001	2000	2001	2000	2001	2000	2001
Nepal	Logs	All	0	0	--	--	0	0 <sup>1</sup>	--	--
		C	0	0	--	--	0	0 <sup>1</sup>	--	--
		NC	0	0	--	--	0	0 <sup>1</sup>	--	--
	Sawn	All	95 <sup>C</sup>	0	418	--	0	0 <sup>1</sup>	--	--
		C	6 <sup>C</sup>	0	216	--	0	0 <sup>1</sup>	--	--
		NC	89 <sup>C</sup>	0	446	--	0	0 <sup>1</sup>	--	--
	Ven	All	4 <sup>C</sup>	0	2726	--	0	0 <sup>1</sup>	--	--
		C	0 <sup>C</sup>	0	--	--	0	0 <sup>1</sup>	--	--
		NC	4 <sup>C</sup>	0	2726	--	0	0 <sup>1</sup>	--	--
	Ply	All	0 <sup>C</sup>	0	--	--	0	0 <sup>1</sup>	--	--
		C	0 <sup>C</sup>	0	--	--	0	0 <sup>1</sup>	--	--
		NC	0 <sup>C</sup>	0	--	--	0	0 <sup>1</sup>	--	--
New Zealand	Logs	All	1773	1717	330	292	325018	297702	55	41
		C	55	11	513	139	324460	297639	55	41
		NC	1718	1706	326	295	558	62	85	244
	Sawn	All	25086	18226	688	565	354429	337951	233	209
		C	15737	8029	795	710	353529	337141	233	209
		NC	9349	10197	561	487	900	810	569	388
	Ven	All	1399	1598	1478	1412	6050	7702	301	213
		C	126	19	2570	936	6007	7657	300	212
		NC	1274	1579	1418	1420	42	45	707	1277
	Ply	All	6839	6738	773	843	58506	61083	598	607
		C	1427	1440	--	--	58117	60901	604	607
		NC	5412	5298	615	664	389	181	240	799
Norway	Logs	All	145811	124324	44	44	20516	15312	40	32
		C	110347	92842	41	40	20231	14905	40	32
		NC	35465	31482	56	66	284	406	71	45
	Sawn	All	238564	222487	252	209	103012	87899	152	147
		C	192005	178274	218	181	102361	86368	157	146
		NC	46560	44213	705	553	651	1531	25	255
	Ven	All	9971	9997	1424	1111	367	241	1686	511
		C	1716	1373	858	687	97	71	--	--
		NC	8255	8623	1651	1232	270	170	1240	361
	Ply	All	39953	40379	850	808	1733	3978	1224	1989
		C	19374	17917	807	814	448	640	--	--
		NC	20579	22462	895	802	1284	3338	907	1669
Rep. of Korea	Logs	All	560255	536113	83	75	311	24	456	--
		C	414128	422910	72	67	204	12	474	--
		NC	146127	113203	150	147	107	12	426	--
	Sawn	All	245197	223743	336	294	9139	9024	538	451
		C	68978	54951	294	222	6288	4886	572	444
		NC	176219	168792	357	328	2851	4138	475	460
	Ven	All	75957	93096	309	278	3383	3518	677	704
		C	7292	5203	486	434	1562	1047	521	524
		NC	68665	87893	297	272	1821	2471	911	824
	Ply	All	306946	311991	313	285	47238	27877	508	398
		C	33002	30524	892	744	5796	6468	527	498
		NC	273944	281467	291	267	41442	21409	505	376
Switzerland	Logs	All	29218	19088	98	91	160690	128980	43	74
		C	3752	4265	32	45	130600	109222	38	71
		NC	25467	14823	139	128	30090	19758	87	96
	Sawn	All	135304	125731	298	305	34920	26585	181	166
		C	90600	83884	246	243	20844	16206	156	137
		NC	44704	41847	522	624	14076	10379	238	250
	Ven	All	15817	16004	3541	3047	39394	25920	3033	2572
		C	2299	2019	2572	2037	3190	2328	2615	2426
		NC	13518	13985	3783	3282	36204	23592	3076	2587
	Ply	All	127955	116137	837	815	7023	6359	1574	1504
		C	68607	63667	668	667	746	647	1188	1007
		NC	59348	52470	1182	1114	6277	5712	1638	1593

**Table 1-2-a. Trade of All Timber by ITTO Consumers - Value (1000 \$ and \$/m<sup>3</sup>)**

			Imports				Exports			
Country	Product	Species	Value		Unit Value		Value		Unit Value	
			2000	2001	2000	2001	2000	2001	2000	2001
U.S.A.	Logs	All	218602	194428	31	27	1444078	1256987	121	110
		C	173683	151875	26	22	1027208	824404	110	95
		NC	44919	42553	142	129	416870	432583	161	160
	Sawn	All	7060497	6847047	205	193	2180578	1753576	425	404
		C	6567455	6385206	201	187	752444	528017	345	310
		NC	493042	461841	293	324	1428134	1225559	484	465
	Ven	All	454772	419834	1128	1004	448461	404796	1371	1319
		C	109398	122183	633	617	39315	30468	1268	1325
		NC	345374	297651	1499	1353	409146	374328	1382	1318
	Ply	All	855838	867697	351	362	208928	149622	292	234
		C	158979	214444	326	539	161353	110813	285	222
		NC	696859	653253	358	327	47575	38809	321	279
Consumers Total	Logs	All	8850495	8238377	80	73	3973987	3430492	90	83
		C	4443290	4259445	65	61	2504768	2098219	73	66
		NC	4407205	3978932	103	94	1469218	1332273	150	136
	Sawn	All	22845303	20900287	228	213	18608399	16471576	237	216
		C	16158153	14381824	197	178	15091698	13506378	212	194
		NC	6687150	6518463	371	385	3516701	2965198	477	455
	Ven	All	2237527	2031593	800	771	1693101	1642716	954	897
		C	315962	307474	671	603	248301	248727	383	350
		NC	1921565	1724119	827	812	1444800	1393989	1284	1243
	Ply	All	6304791	5822633	389	362	2427382	2333972	456	428
		C	1765510	1451640	452	401	1089192	1033999	370	343
		NC	4539281	4370993	369	350	1338189	1299973	562	532
	Total	All	40238116	36992890	--	--	26702869	23878757	--	--
		C	22682915	20400383	--	--	18933960	16887324	--	--
		NC	17555201	16592507	--	--	7768909	6991433	--	--
ITTO Total	Logs	All	9789399	9178756	85	78	6263576	6000226	102	103
		C	4492346	4301984	65	61	2525596	2115989	73	66
		NC	5297054	4876772	113	105	3737980	3884237	141	150
	Sawn	All	23312096	21432092	227	212	21170438	19273782	242	224
		C	16240347	14479268	197	178	15354799	13798722	212	194
		NC	7071750	6952823	352	352	5953459	5475059	396	370
	Ven	All	2339993	2126929	768	735	2270680	2003307	694	668
		C	333127	319453	676	610	257937	254577	380	348
		NC	2006866	1807476	785	762	2012742	1748730	776	771
	Ply	All	6401355	5923548	389	364	6093106	5790855	339	337
		C	1814793	1511653	452	409	1302553	1257619	375	352
		NC	4586562	4411894	369	350	4790553	4533236	330	333
	Total	All	41842843	38661325	--	--	35797799	33068169	--	--
		C	22880612	20612359	--	--	19440885	17426907	--	--
		NC	18962231	18048966	--	--	16494734	15641262	--	--

**Table 1-2-b. Trade of Tropical Timber by ITTO Consumers - Value (1000 \$ and \$/m<sup>3</sup>)**

Country	Product	Imports				Exports			
		Value		Unit Value		Value		Unit Value	
		2000	2001	2000	2001	2000	2001	2000	2001
Australia	Logs	0	0	--	--	0	0 <sup>R</sup>	--	--
	Sawn	52721	34834	521	464	51	24	--	--
	Ven	42	0	412	--	0	0	--	--
	Ply	7554	5098	527	485	0	0	--	--
Canada	Logs	522	603	413	405	0	15	--	151
	Sawn	12207	12803	1356	1164	204 <sup>I</sup>	176 <sup>I</sup>	299	299
	Ven	10025	10239	707	366	1200	642	1260	1552
	Ply	14833	16578	241	63	7679	8680	291	338
China	Logs	935213	956402	151	138	3937	3561	290	307
	Sawn	675928	734252	263	253	191887	117372	482	375
	Ven	75788	64069 <sup>*</sup>	127	220	1506	5546 <sup>*</sup>	1024	450
	Ply	75788	216650 <sup>I</sup>	84	350	99539	129420	272	266
(Hong Kong S.A.R.)	Logs	103503 <sup>C</sup>	268513 <sup>C</sup>	155	525	17500 <sup>I</sup>	17500 <sup>I</sup>	250	250
	Sawn	197686 <sup>C</sup>	639605 <sup>C</sup>	376	1309	0 <sup>I</sup>	0 <sup>I</sup>	--	--
	Ven	19845 <sup>C</sup>	78629 <sup>C</sup>	1985	3145	20529 <sup>C</sup>	76184 <sup>C</sup>	2566	9523
	Ply	108278 <sup>C</sup>	122106 <sup>C</sup>	361	407	88055 <sup>C</sup>	84474 <sup>C</sup>	1595	1536
(Macao S.A.R.)	Logs	42 <sup>C</sup>	42 <sup>I</sup>	87	42	43 <sup>C</sup>	43 <sup>I</sup>	92	--
	Sawn	524 <sup>C</sup>	524 <sup>I</sup>	124	124	348 <sup>C</sup>	348 <sup>I</sup>	122	116
	Ven	3 <sup>C</sup>	3 <sup>I</sup>	866	--	1 <sup>C</sup>	1 <sup>I</sup>	290	--
	Ply	2393 <sup>C</sup>	2393 <sup>I</sup>	150	150	226 <sup>C</sup>	226 <sup>I</sup>	131	113
(Taiwan Province of China)	Logs	140299 <sup>C</sup>	95211 <sup>C</sup>	118	30	1188 <sup>C</sup>	1188 <sup>I</sup>	647	647
	Sawn	137157 <sup>C</sup>	83711 <sup>C</sup>	322	280	5456 <sup>C</sup>	5420 <sup>I</sup>	623	623
	Ven	46928 <sup>C</sup>	33458 <sup>C</sup>	329	207	238 <sup>C</sup>	5966 <sup>I</sup>	918	918
	Ply	177262 <sup>C</sup>	105635 <sup>C</sup>	286	228	14639 <sup>C</sup>	41753 <sup>I</sup>	686	686
Egypt	Logs	1368	2100 <sup>I</sup>	1368	700	703	173	703	--
	Sawn	15	27	--	--	0	43	--	--
	Ven	10251	11171	466	254	0	0	--	--
	Ply	35754	46937	365	301	0	0	--	--
EU	Logs	<b>529804</b>	<b>501566</b>	<b>245</b>	<b>248</b>	<b>54115</b>	<b>64255</b>	<b>307</b>	<b>441</b>
	Sawn	<b>1104286</b>	<b>1144113</b>	<b>401</b>	<b>422</b>	<b>158370</b>	<b>243496</b>	<b>370</b>	<b>660</b>
	Ven	<b>234637</b>	<b>238797</b>	<b>938</b>	<b>1052</b>	<b>133459</b>	<b>116920</b>	<b>1450</b>	<b>1308</b>
	Ply	<b>524150</b>	<b>624928</b>	<b>409</b>	<b>455</b>	<b>221655</b>	<b>294081</b>	<b>411</b>	<b>590</b>
	<b>Total</b>	<b>2392878</b>	<b>2509404</b>	<b>--</b>	<b>--</b>	<b>567599</b>	<b>718751</b>	<b>--</b>	<b>--</b>
Austria	Logs	181 <sup>I</sup>	162 <sup>I</sup>	95	92	83 <sup>C</sup>	76 <sup>C</sup>	122	193
	Sawn	4012 <sup>C</sup>	3722 <sup>C</sup>	597	616	849 <sup>C</sup>	2158 <sup>C</sup>	573	436
	Ven	1356 <sup>E</sup>	1356 <sup>C</sup>	678	678	821 <sup>E</sup>	935 <sup>C</sup>	821	1870
	Ply	6022 <sup>E</sup>	6022 <sup>C</sup>	602	618	2757 <sup>E</sup>	644 <sup>C</sup>	919	602
Belgium	Logs	27943 <sup>C</sup>	13673 <sup>C</sup>	600	264	10986 <sup>C</sup>	10127 <sup>C</sup>	286	303
	Sawn	172338 <sup>C</sup>	128315 <sup>C</sup>	548	479	122774 <sup>C</sup>	83337 <sup>C</sup>	588	518
	Ven	12835 <sup>C</sup>	10309 <sup>C</sup>	1000	606	8780 <sup>C</sup>	8934 <sup>C</sup>	1614	1670
	Ply	127508 <sup>C</sup>	109185 <sup>C</sup>	400	374	106910 <sup>C</sup>	84830 <sup>C</sup>	424	389
Denmark	Logs	3841	4327	640	721	2478	2404	1239	601
	Sawn	31349	39060	729	471	6815	8293	974	921
	Ven	9541	10336	1193	1959	5328	5408	5328	2704
	Ply	17843	15504	415	345	4089	3485	682	581

**Table 1-2-b. Trade of Tropical Timber by ITTO Consumers - Value (1000 \$ and \$/m<sup>3</sup>)**

Country	Product	Imports				Exports			
		Value		Unit Value		Value		Unit Value	
		2000	2001	2000	2001	2000	2001	2000	2001
Finland	Logs	17	0	1693	--	2	0	--	--
	Sawn	7019	8058	1004	874	1675	980	605	3628
	Ven	2684	2435	2684	2563	94	143	--	1788
	Ply	795	887	795	1232	274	262	--	902
France	Logs	174507	151521	208	206	9415	11007	263	376
	Sawn	174226	170049	452	429	14620	17897	440	446
	Ven	29398	39095	881	806	15165	18329	554	599
	Ply	56923	54319	522	380	115834	111697	871	911
Germany	Logs	47628	44904	296	318	30735	31748	768	858
	Sawn	83371	67328	493	488	60164	62626	1180	1305
	Ven	41020	29427	814	626	56290	35369	3753	2081
	Ply	130881	102623	881	558	16381	12856	1388	765
Greece	Logs	11435	11088 <sup>E</sup>	153	149	39	38	967	938
	Sawn	5158	5158 <sup>E</sup>	331	331	1103	1103	584	584
	Ven	16007 <sup>I</sup>	16007 <sup>E</sup>	1522	1522	973 <sup>E</sup>	973 <sup>E</sup>	749	749
	Ply	1045 <sup>E</sup>	1045 <sup>E</sup>	171	171	11205 <sup>E</sup>	11205 <sup>E</sup>	700	700
Ireland	Logs	7254 <sup>C</sup>	7034 <sup>E</sup>	363	352	153 <sup>C</sup>	153 <sup>E</sup>	450	450
	Sawn	42476 <sup>C</sup>	41189 <sup>E</sup>	386	374	3405 <sup>C</sup>	3405 <sup>E</sup>	486	486
	Ven	1678 <sup>E</sup>	1627 <sup>E</sup>	1678	1627	257 <sup>I</sup>	700 <sup>E</sup>	700	1655
	Ply	14661	14217 <sup>E</sup>	666	646	355 <sup>E</sup>	355 <sup>I</sup>	355	355
Italy	Logs	79659	73638	254	267	264	532	826	532
	Sawn	150756	150422	535	530	9054	10013	1006	910
	Ven	53076	56379	1062	1084	13419	13753	2684	2292
	Ply	36270	41539	636	649	27992	28144	848	908
Luxembourg	Logs	388 <sup>C</sup>	388 <sup>E</sup>	99	99	541 <sup>C</sup>	541 <sup>E</sup>	452	541
	Sawn	579 <sup>C</sup>	579 <sup>E</sup>	85	85	28 <sup>E</sup>	28 <sup>E</sup>	2831	2831
	Ven	17 <sup>E</sup>	17 <sup>E</sup>	6656	6656	0 <sup>E</sup>	0 <sup>E</sup>	--	--
	Ply	1856 <sup>E</sup>	1856 <sup>E</sup>	928	928	91 <sup>E</sup>	91 <sup>E</sup>	535	535
Netherlands	Logs	19454	15724	213	209	696	79	148	394
	Sawn	258822	199092	550	513	39886	32716	606	536
	Ven	2919	4760	789	971	10205	10229	895	852
	Ply	118444	114850	513	510	22703	19245	690	652
Portugal	Logs	93751	90370	263	215	949	310	326	314
	Sawn	51996	37092	324	392	2579	1906	417	324
	Ven	11863	8689	600	730	3618	6506	941	1035
	Ply	1707	9147	415	481	89	318	550	588
Spain	Logs	66449 <sup>C</sup>	66449 <sup>I</sup>	371	386	3745 <sup>C</sup>	3230 <sup>C</sup>	3745	1077
	Sawn	127812 <sup>C</sup>	127812 <sup>E</sup>	289	231	10487 <sup>C</sup>	10170 <sup>E</sup>	398	1017
	Ven	31089 <sup>C</sup>	31089 <sup>I</sup>	703	2073	17349 <sup>C</sup>	7500 <sup>I</sup>	1316	1500
	Ply	7735 <sup>E</sup>	7735 <sup>E</sup>	290	774	15139	14681 <sup>E</sup>	355	344
Sweden	Logs	1341	1394	610	664	88	97	1399	--
	Sawn	7382	10258	666	828	3281	3097	1305	1032
	Ven	3281	2903	1498	1744	1432	1645	2336	4032
	Ply	3935	3217	549	611	328	387	3155	387
U.K.	Logs	24287	20893	373	454	5468	3913	113	112
	Sawn	159906	155980	488	448	4452	5767	892	984
	Ven	30725	24367	2771	2639	8511	6494	1313	2672
	Ply	127890	142781	434	414	4508	5880	608	490

**Table 1-2-b. Trade of Tropical Timber by ITTO Consumers - Value (1000 \$ and \$/m<sup>3</sup>)**

Country	Product	Imports				Exports			
		Value		Unit Value		Value		Unit Value	
		2000	2001	2000	2001	2000	2001	2000	2001
Japan	Logs	493306	295049	157	137	0	0	--	--
	Sawn	373129	298162	543	496	266	297	--	--
	Ven	34040	32641	709	725	1274	1145	--	1145
	Ply	1671640	1484777	367	328	1858	1658	1858	1658
Nepal	Logs	0	0	--	--	0	0 <sup>1</sup>	--	--
	Sawn	0 <sup>C</sup>	0	--	--	0	0 <sup>1</sup>	--	--
	Ven	2 <sup>C</sup>	0	--	--	0	0 <sup>1</sup>	--	--
	Ply	0 <sup>C</sup>	0	--	--	0	0 <sup>1</sup>	--	--
New Zealand	Logs	650	522	617	531	0	1	--	858
	Sawn	2330	2438	889	817	86	74	1392	452
	Ven	1262	1522	7938	1714	29	18	969	2535
	Ply	2296	2335	687	645	380	121	235	628
Norway	Logs	112	460	280	575	170	169	657	249
	Sawn	5021	5125	750	564	91	376	398	240
	Ven	3448	3783	1149	946	133	104	610	220
	Ply	3381	3902	271	201	1076	2921	760	1461
Rep. of Korea	Logs	108983	69311	137	125	20	12	225	--
	Sawn	89585	96379	283	269	1036	1009	345	336
	Ven	25943	32879	178	162	50	68	--	--
	Ply	249633	260010	277	254	643	1048	643	524
Switzerland	Logs	2984	1446	306	161	6	12	4307	54
	Sawn	8170	8829	643	650	212	201	280	474
	Ven	736	760	1886	2428	430	321	3859	4152
	Ply	8119	7736	865	879	227	128	1844	1808
U.S.A.	Logs	1005	702	503	351	805	175	403	175
	Sawn	186116	185415	564	669	19599	11646	384	485
	Ven	36786	31970	1444	1390	3684	2781	1842	1391
	Ply	40865	31934	27	22	3851	4471	275	298
Consumers Total	Logs	2317791	2191927	164	142	78487	87104	296	377
	Sawn	2844875	3246218	367	418	377606	380480	422	526
	Ven	499737	539923	397	513	162533	209695	1547	1745
	Ply	2921945	2931019	284	286	439828	568980	428	495
	Total	8584348	8909086	--	--	1058454	1246259	--	--
ITTO Total	Logs	2964590	2905742	170	153	2308989	1977089	137	123
	Sawn	3115307	3545110	333	372	2795542	2761691	328	314
	Ven	549021	583844	392	490	729634	560039	464	442
	Ply	2957146	2968467	285	287	3483798	3353864	265	273
	Total	9586064	10003163	--	--	9317964	8652683	--	--

**Table 1-2-c. Trade of All Timber by ITTO Producers - Value (1000 \$ and \$/m<sup>3</sup>)**

Country	Product	Species	Imports				Exports			
			Value		Unit Value		Value		Unit Value	
			2000	2001	2000	2001	2000	2001	2000	2001
Africa	Logs	All	19579	11408	298	300	781832	782402	162	172
		C	86	4	198	353	0	0	--	--
		NC	19493	11404	298	300	781832	782402	162	172
	Sawn	All	425	8165	50	343	524439	561133	251	363
		C	47	125	82	340	17	17	--	93
		NC	378	8040	48	343	524422	561116	251	363
	Ven	All	1018	12	389	41	138402	173894	352	453
		C	54	12	63	40	0	0	--	--
		NC	964	0	545	2848	138402	173894	352	453
	Ply	All	21363	24283	486	1155	43811	47032	219	284
		C	21201	24058	492	1199	0	0	--	--
		NC	162	225	192	233	43811	47032	219	284
	Total	All	42384	43868	--	--	1488484	1564460	--	--
		C	21388	24199	--	--	17	17	--	--
		NC	20996	19669	--	--	1488467	1564443	--	--
Cameroon	Logs	All	86 <sup>c</sup>	17	198	224	123996	28424	195	122
		C	86 <sup>c</sup>	4	198	353	0	0	--	--
		NC	0 <sup>c</sup>	13 <sup>c</sup>	--	202	123996	28424	195	122
	Sawn	All	47 <sup>c</sup>	15	78	78	265407	249586	230	396
		C	38 <sup>c</sup>	15	68	78	0	0	--	--
		NC	9 <sup>c</sup>	0 <sup>c</sup>	213	--	265407	249586	230	396
	Ven	All	0 <sup>c</sup>	12	--	3398	33937	30342	483	933
		C	0 <sup>c</sup>	12	--	3421	0	0	--	--
		NC	0 <sup>c</sup>	0 <sup>c</sup>	--	2848	33937	30342	483	933
	Ply	All	49 <sup>c</sup>	243	693	839	9614	9959	278	470
		C	0 <sup>c</sup>	75	--	2877	0	0	--	--
		NC	49 <sup>c</sup>	168	693	637	9614	9959	278	470
Central African Republic	Logs	All	0 <sup>i</sup>	0 <sup>i</sup>	--	--	39559	93900 <sup>i</sup>	158	300
		C	0 <sup>i</sup>	0 <sup>i</sup>	--	--	0	0 <sup>i</sup>	--	--
		NC	0 <sup>i</sup>	0 <sup>i</sup>	--	--	39559	93900 <sup>i</sup>	158	300
	Sawn	All	0 <sup>i</sup>	0 <sup>i</sup>	--	--	16290	30400 <sup>i</sup>	248	400
		C	0 <sup>i</sup>	0 <sup>i</sup>	--	--	0	0 <sup>i</sup>	--	--
		NC	0 <sup>i</sup>	0 <sup>i</sup>	--	--	16290	30400 <sup>i</sup>	248	400
	Ven	All	0 <sup>i</sup>	0 <sup>i</sup>	--	--	0	0 <sup>i</sup>	--	--
		C	0 <sup>i</sup>	0 <sup>i</sup>	--	--	0	0 <sup>i</sup>	--	--
		NC	0 <sup>i</sup>	0 <sup>i</sup>	--	--	0	0 <sup>i</sup>	--	--
	Ply	All	0 <sup>i</sup>	0 <sup>i</sup>	--	--	108	225 <sup>i</sup>	541	500
		C	0 <sup>i</sup>	0 <sup>i</sup>	--	--	0	0 <sup>i</sup>	--	--
		NC	0 <sup>i</sup>	0 <sup>i</sup>	--	--	108	225 <sup>i</sup>	541	500
Congo, Dem. Rep. (former Zaire)	Logs	All	0 <sup>c</sup>	0 <sup>i</sup>	--	--	14642 <sup>c</sup>	15000 <sup>i</sup>	249	250
		C	0 <sup>c</sup>	0 <sup>i</sup>	--	--	0 <sup>i</sup>	0 <sup>i</sup>	--	--
		NC	0 <sup>c</sup>	0 <sup>i</sup>	--	--	14642 <sup>c</sup>	15000 <sup>i</sup>	249	250
	Sawn	All	9 <sup>c</sup>	0 <sup>i</sup>	783	--	6017 <sup>c</sup>	6017 <sup>i</sup>	301	301
		C	9 <sup>c</sup>	0 <sup>i</sup>	783	--	17 <sup>c</sup>	17 <sup>i</sup>	--	--
		NC	0 <sup>c</sup>	0 <sup>i</sup>	--	--	6000 <sup>c</sup>	6000 <sup>i</sup>	300	300
	Ven	All	0 <sup>c</sup>	0 <sup>i</sup>	--	--	364 <sup>c</sup>	364 <sup>i</sup>	1582	1582
		C	0 <sup>c</sup>	0 <sup>i</sup>	--	--	0 <sup>c</sup>	0 <sup>i</sup>	--	--
		NC	0 <sup>c</sup>	0 <sup>i</sup>	--	--	364 <sup>c</sup>	364 <sup>i</sup>	1582	1582
	Ply	All	10 <sup>i</sup>	0 <sup>i</sup>	500	--	15 <sup>c</sup>	15 <sup>i</sup>	578	578
		C	0 <sup>i</sup>	0 <sup>i</sup>	--	--	0 <sup>c</sup>	0 <sup>i</sup>	--	--
		NC	10 <sup>i</sup>	0 <sup>i</sup>	500	--	15 <sup>c</sup>	15 <sup>i</sup>	578	578
Congo, Rep.	Logs	All	0 <sup>i</sup>	0 <sup>i</sup>	--	--	88148 <sup>i</sup>	118824 <sup>i</sup>	300	300
		C	0 <sup>i</sup>	0 <sup>i</sup>	--	--	0 <sup>i</sup>	0 <sup>i</sup>	--	--
		NC	0 <sup>i</sup>	0 <sup>i</sup>	--	--	88148 <sup>i</sup>	118824 <sup>i</sup>	300	300
	Sawn	All	0 <sup>i</sup>	0 <sup>i</sup>	--	--	25390 <sup>i</sup>	66299 <sup>i</sup>	400	700
		C	0 <sup>i</sup>	0 <sup>i</sup>	--	--	0 <sup>i</sup>	0 <sup>i</sup>	--	--
		NC	0 <sup>i</sup>	0 <sup>i</sup>	--	--	25390 <sup>i</sup>	66299 <sup>i</sup>	400	700
	Ven	All	0 <sup>i</sup>	0 <sup>i</sup>	--	--	6404 <sup>i</sup>	9606 <sup>i</sup>	800	800
		C	0 <sup>i</sup>	0 <sup>i</sup>	--	--	0 <sup>i</sup>	0 <sup>i</sup>	--	--
		NC	0 <sup>i</sup>	0 <sup>i</sup>	--	--	6404 <sup>i</sup>	9606 <sup>i</sup>	800	800
	Ply	All	0 <sup>i</sup>	0 <sup>i</sup>	--	--	0 <sup>i</sup>	0 <sup>i</sup>	0	--
		C	0 <sup>i</sup>	0 <sup>i</sup>	--	--	0 <sup>i</sup>	0 <sup>i</sup>	0	--
		NC	0 <sup>i</sup>	0 <sup>i</sup>	--	--	0 <sup>i</sup>	0 <sup>i</sup>	0	--

**Table 1-2-c. Trade of All Timber by ITTO Producers - Value (1000 \$ and \$/m<sup>3</sup>)**

Country	Product	Species	Imports				Exports			
			Value		Unit Value		Value		Unit Value	
			2000	2001	2000	2001	2000	2001	2000	2001
Côte d'Ivoire	Logs	All	18091 <sup>1</sup>	11100 <sup>1</sup>	300	300	21269	25089	156	198
		C	0 <sup>1</sup>	0 <sup>1</sup>	--	--	0	0	--	--
		NC	18091 <sup>1</sup>	11100 <sup>1</sup>	300	300	21269	25089	156	198
	Sawn	All	0	0	--	--	130907	110204	285	278
		C	0	0	--	--	0	0	--	--
		NC	0	0	--	--	130907	110204	285	278
	Ven	All	0	0	--	--	27064	43466	240	359
		C	0	0	--	--	0	0	--	--
		NC	0	0	--	--	27064	43466	240	359
	Ply	All	0	0	--	--	11976	9693	299	285
		C	0	0	--	--	0	0	--	--
		NC	0	0	--	--	11976	9693	299	285
Gabon	Logs	All	0	64	--	--	280943	275550 <sup>1</sup>	109	110
		C	0	0	--	--	0	0	--	--
		NC	0	64	--	--	280943	275550 <sup>1</sup>	109	110
	Sawn	All	23 <sup>1</sup>	7706 <sup>1</sup>	1884	566	1809	19099	23	248
		C	0	110 <sup>1</sup>	--	616	0	0	--	--
		NC	23 <sup>1</sup>	7596 <sup>1</sup>	1884	566	1809	19099	23	248
	Ven	All	1017 <sup>1</sup>	0	519	--	21973	39561	241	380
		C	54 <sup>1</sup>	0	282	--	0	0	--	--
		NC	963 <sup>1</sup>	0	545	--	21973	39561	241	380
	Ply	All	21201 <sup>1</sup>	23983 <sup>1</sup>	495	1215	10012	13642	128	239
		C	21201 <sup>1</sup>	23983 <sup>1</sup>	495	1215	0	0	--	--
		NC	0	0	--	--	10012	13642	128	239
Ghana	Logs	All	0	0	--	--	0	0	--	--
		C	0	0	--	--	0	0	--	--
		NC	0	0	--	--	0	0	--	--
	Sawn	All	0	0	--	--	76607	75390	315	316
		C	0	0	--	--	0	0	--	--
		NC	0	0	--	--	76607	75390	315	316
	Ven	All	0	0	--	--	48660	50556	438	443
		C	0	0	--	--	0	0	--	--
		NC	0	0	--	--	48660	50556	438	443
	Ply	All	0	0	--	--	12085	13498	257	255
		C	0	0	--	--	0	0	--	--
		NC	0	0	--	--	12085	13498	257	255
Liberia	Logs	All	0	0	--	--	212500 <sup>1</sup>	225000 <sup>1</sup>	250	250
		C	0	0	--	--	0 <sup>1</sup>	0 <sup>1</sup>	--	--
		NC	0	0	--	--	212500 <sup>1</sup>	225000 <sup>1</sup>	250	250
	Sawn	All	0	0	--	--	1359 <sup>+</sup>	3336 <sup>+</sup>	226	556
		C	0	0	--	--	0 <sup>+</sup>	0 <sup>+</sup>	--	--
		NC	0	0	--	--	1359 <sup>+</sup>	3336 <sup>+</sup>	226	556
	Ven	All	0	0	--	--	0 <sup>1</sup>	0 <sup>1</sup>	--	--
		C	0	0	--	--	0 <sup>1</sup>	0 <sup>1</sup>	--	--
		NC	0	0	--	--	0 <sup>1</sup>	0 <sup>1</sup>	--	--
	Ply	All	0	0	--	--	0 <sup>1</sup>	0 <sup>1</sup>	--	--
		C	0	0	--	--	0 <sup>1</sup>	0 <sup>1</sup>	--	--
		NC	0	0	--	--	0 <sup>1</sup>	0 <sup>1</sup>	--	--
Togo	Logs	All	1401	227	280	227	776	615	28	36
		C	0	0	--	--	0	0	--	--
		NC	1401	227	280	227	776	615	28	36
	Sawn	All	346	444	44	44	653	803	289	134
		C	0	0	--	--	0	0	--	--
		NC	346	444	44	44	653	803	289	134
	Ven	All	1	0	--	--	0	0	--	--
		C	0	0	--	--	0	0	--	--
		NC	1	0	--	--	0	0	--	--
	Ply	All	103	57	98	57	0	0	--	--
		C	0	0	--	--	0	0	--	--
		NC	103	57	137	81	0	0	--	--

**Table 1-2-c. Trade of All Timber by ITTO Producers - Value (1000 \$ and \$/m<sup>3</sup>)**

Country	Product	Species	Imports				Exports			
			Value		Unit Value		Value		Unit Value	
			2000	2001	2000	2001	2000	2001	2000	2001
Asia-Pacific	Logs	All	908643	916245	214	204	1468137	1756305	127	158
		C	48073	39324	136	77	401	4809	464	181
		NC	860571	876921	222	220	1467736	1751497	127	158
	Sawn	All	434632	489280	208	170	1387997	1569789	309	282
		C	64233	76631	248	261	9145	13689	374	252
		NC	370398	412649	203	160	1516673	1556100	340	282
	Ven	All	83508	81488	373	354	380566	156152	376	219
		C	10556	9716	607	1029	809	1193	599	425
		NC	72953	71772	353	325	379757	154958	375	218
	Ply	All	38821	34366	363	399	3192777	2991134	282	298
		C	9874	10860	592	653	4177	3223	688	550
		NC	28947	23505	320	338	3188600	2987911	282	298
	Total	All	1465604	1521379	--	--	6429477	6473380	--	--
		C	132735	136531	--	--	14532	22915	--	--
		NC	1332869	1384847	--	--	6552765	6450465	--	--
Cambodia	Logs	All	0	0	--	--	0	0	--	--
		C	0	0	--	--	0	0	--	--
		NC	0	0	--	--	0	0	--	--
	Sawn	All	0	0	--	--	886	1629	295	326
		C	0	0	--	--	0	0	--	--
		NC	0	0	--	--	886	1629	295	326
	Ven	All	0	0	--	--	15192	7898	338	329
		C	0	0	--	--	0	0	--	--
		NC	0	0	--	--	15192	7898	338	329
	Ply	All	0	0	--	--	9012	4628	334	331
		C	0	0	--	--	0	0	--	--
		NC	0	0	--	--	9012	4628	334	331
Fiji	Logs	All	0	0	--	--	184 <sup>c</sup>	--	365	--
		C	0	0	--	--	38 <sup>c</sup>	--	324	--
		NC	0	0	--	--	146 <sup>c</sup>	--	377	--
	Sawn	All	27	43	53	219	4873	4334	482	429
		C	27	43	53	219	1621	2384	482	426
		NC	0	0	--	--	3253	1950	482	433
	Ven	All	0	0	--	--	1400	1431	663	712
		C	0	0	--	--	0	285	--	696
		NC	0	0	--	--	1400	1146	663	716
	Ply	All	0	39	--	--	2146	2427	504	570
		C	0	0	--	--	0	486	--	--
		NC	0	39	--	269	2146	1942	504	571
India	Logs	All	620915 <sup>1</sup>	659171 <sup>1</sup>	290	265	476 <sup>c</sup>	25752 <sup>c</sup>	820	696
		C	35915 <sup>c</sup>	29171 <sup>c</sup>	191	76	152 <sup>c</sup>	531 <sup>c</sup>	3410	113
		NC	585000 <sup>1</sup>	630000 <sup>1</sup>	300	300	324 <sup>c</sup>	25222 <sup>1</sup>	605	781
	Sawn	All	5222 <sup>c</sup>	6050 <sup>c</sup>	307	212	5666 <sup>c</sup>	5599 <sup>c</sup>	876	559
		C	749 <sup>c</sup>	1803 <sup>c</sup>	95	128	128 <sup>c</sup>	156 <sup>c</sup>	158	1065
		NC	4473 <sup>c</sup>	4247 <sup>c</sup>	491	293	5538 <sup>c</sup>	5442 <sup>c</sup>	980	552
	Ven	All	4562 <sup>c</sup>	3128 <sup>c</sup>	3045	3026	4017 <sup>c</sup>	3491 <sup>c</sup>	6448	8811
		C	1054 <sup>c</sup>	351 <sup>c</sup>	4582	2230	102 <sup>c</sup>	48 <sup>c</sup>	1536	846
		NC	3508 <sup>c</sup>	2777 <sup>c</sup>	2767	3169	3915 <sup>c</sup>	3443 <sup>c</sup>	7031	--
	Ply	All	9898 <sup>c</sup>	8679 <sup>c</sup>	1574	1663	3827 <sup>c</sup>	3443 <sup>c</sup>	1716	1135
		C	1303 <sup>c</sup>	3003 <sup>c</sup>	5536	2265	0 <sup>c</sup>	499 <sup>c</sup>	--	893
		NC	8595 <sup>c</sup>	5676 <sup>c</sup>	1420	1459	3827 <sup>c</sup>	2943 <sup>c</sup>	1716	1189
Indonesia	Logs	All	37409	32396	219	243	486883 <sup>1</sup>	1039731 <sup>1</sup>	299	300
		C	1462	937	37	47	196	4136 <sup>1</sup>	321	250
		NC	35947	31459	273	277	486688 <sup>1</sup>	1035596 <sup>1</sup>	299	300
	Sawn	All	48232	37370	395	383	486883 <sup>1</sup>	801843 <sup>1</sup>	333	325
		C	25408	20382	293	312	7382	10333	364	252
		NC	22823	16988	649	527	617322 <sup>1</sup>	791510 <sup>1</sup>	428	327
	Ven	All	12599	14466	2287	1942	1896	2049	507	288
		C	4895	7336	1945	1741	621	494	545	282
		NC	7705	7130	2575	2204	1275	1555	490	290
	Ply	All	2672	1464	454	438	1988928	1837915	256	290
		C	1666	835	335	318	0 <sup>1</sup>	0 <sup>1</sup>	--	--
		NC	1006	630	1096	879	1988928	1837915	256	290

**Table 1-2-c. Trade of All Timber by ITTO Producers - Value (1000 \$ and \$/m<sup>3</sup>)**

Country	Product	Species	Imports				Exports			
			Value		Unit Value		Value		Unit Value	
			2000	2001	2000	2001	2000	2001	2000	2001
Malaysia	Logs	All	61974	71395	72	88	490837	407027 <sup>+</sup>	72	81
		C	3624 <sup>1</sup>	1504 <sup>1</sup>	72	88	0 <sup>1</sup>	0 <sup>1</sup>	--	--
		NC	58349 <sup>1</sup>	69891 <sup>1</sup>	72	88	490837 <sup>1</sup>	407027 <sup>1</sup>	72	81
	Sawn	All	53656	90995	95	82	759794	571978 <sup>+</sup>	316	243
		C	1516 <sup>1</sup>	9605	76	356	0	0	--	--
		NC	52140 <sup>1</sup>	81390	95	75	759794	571978 <sup>+</sup>	316	243
	Ven	All	18280	20962	231	221	342224	126758 <sup>+</sup>	366	193
		C	0	0	--	--	0	0	--	--
		NC	18280	20962	231	221	342224	126758 <sup>+</sup>	366	193
	Ply	All	9142	5903	218	211	1165779	1122981	341	314
		C	0	0	--	--	0	0	--	--
		NC	9142	5903	218	211	1165779	1122981	341	314
Myanmar	Logs	All	0	0	--	--	206720	194618	185	192
		C	0	0	--	--	0	0	--	--
		NC	0	0	--	--	206720	194618	185	192
	Sawn	All	0	0	--	--	34192	91269	272	376
		C	0	0	--	--	0	0	--	--
		NC	0	0	--	--	34192	91269	272	376
	Ven	All	0	0	--	--	216	159	420	277
		C	0	0	--	--	0	0	--	--
		NC	0	0	--	--	216	159	420	277
	Ply	All	0	0	--	--	3278	3087	71	69
		C	0	0	--	--	0	0	--	--
		NC	0	0	--	--	3278	3087	71	69
PNG	Logs	All	60 <sup>c</sup>	0 <sup>1</sup>	394	--	283000	89000	142	57
		C	54 <sup>c</sup>	0 <sup>1</sup>	359	--	0	0	--	--
		NC	6 <sup>c</sup>	0 <sup>1</sup>	2237	--	283000	89000	142	57
	Sawn	All	1 <sup>c</sup>	0 <sup>1</sup>	--	--	13791	15291	460	510
		C	0 <sup>c</sup>	0 <sup>1</sup>	--	--	0	0	--	--
		NC	1 <sup>c</sup>	0 <sup>1</sup>	--	--	13791	15291	460	510
	Ven	All	4 <sup>c</sup>	0 <sup>1</sup>	--	--	3600	3600 <sup>1</sup>	180	180
		C	0 <sup>c</sup>	0 <sup>1</sup>	--	--	0	0	--	--
		NC	4 <sup>c</sup>	0 <sup>1</sup>	--	--	3600	3600 <sup>1</sup>	180	180
	Ply	All	56 <sup>c</sup>	0 <sup>1</sup>	--	--	270	372	600	372
		C	23 <sup>c</sup>	0 <sup>1</sup>	--	--	270	372	600	372
		NC	33 <sup>c</sup>	0 <sup>1</sup>	--	--	0	0	--	--
Philippines	Logs	All	54341	44707	93	81	16	157	168	28
		C	3844	4226	93	79	16	142	168	27
		NC	50497	40482	93	81	0	14	--	105
	Sawn	All	79800	86271	223	233	20457	15959	170	152
		C	16548	24924	361	274	0	737	--	96
		NC	63252	61347	202	219	20457	15222	170	156
	Ven	All	33827	29039	275	255	3131	1584	647	562
		C	4523	1875	309	460	86	341	595	579
		NC	29304	27164	270	247	3045	1244	649	558
	Ply	All	3728	4284	765	520	3859	3165	361	463
		C	3540	2939	790	644	2593	468	990	325
		NC	188	1345	477	366	1266	2697	157	500
Thailand	Logs	All	133944	108576	275	210	21	20	--	--
		C	3174	3486	93	94	0	0	--	--
		NC	130771	105090	289	219	21	20	--	--
	Sawn	All	247694	268071	243	211	58455	59746	188	179
		C	19984	19637	204	205	14	79	--	--
		NC	227710	248433	247	211	58440	59668	188	179
	Ven	All	14144	13800	943	1150	8890	9183	4445	4591
		C	45	114	--	--	0	25	--	--
		NC	14099	13685	940	1140	8890	9158	4445	4579
	Ply	All	13325	13301	278	324	15677	13117	392	345
		C	3341	3726	477	466	1314	1399	438	699
		NC	9984	9574	244	290	14363	11718	388	325

**Table 1-2-c. Trade of All Timber by ITTO Producers - Value (1000 \$ and \$/m<sup>3</sup>)**

Country	Product	Species	Imports				Exports			
			Value		Unit Value		Value		Unit Value	
			2000	2001	2000	2001	2000	2001	2000	2001
Vanuatu	Logs	All	0	0	--	--	0	0	--	--
		C	0	0	--	--	0	0	--	--
		NC	0	0	--	--	0	0	--	--
	Sawn	All	0	481	--	4041	3000 <sup>1</sup>	2141	300	183
		C	0	238	--	3006	0	0	--	--
		NC	0	243	--	6085	3000 <sup>1</sup>	2141	300	183
	Ven	All	93	93	--	93	0	0	--	--
		C	40	40	--	40	0	0	--	--
		NC	53	53	--	--	0	0	--	--
	Ply	All	0	695	--	5472	0	0	--	--
		C	0	358	--	2955	0	0	--	--
		NC	0	337	--	--	0	0	--	--
Latin America/ Caribbean	Logs	All	10682	12727	195	101	39621	31027	42	37
		C	897	3212	84	181	20426	12961	37	27
		NC	9786	9516	222	88	19195	18066	48	51
	Sawn	All	31738	34359	123	138	649602	671283	271	258
		C	17914	20688	325	478	253938	278638	198	200
		NC	13823	13671	68	67	395663	392646	355	327
	Ven	All	17940	13835	694	464	58611	30546	647	439
		C	6556	2250	1804	597	8827	4657	307	253
		NC	11385	11585	512	445	49783	25889	806	506
	Ply	All	36379	42266	432	475	429137	418717	373	270
		C	18208	25095	424	644	209184	220397	395	395
		NC	18172	17171	441	344	219953	198320	354	200
	Total	All	96739	103188	--	--	1176970	1151572	--	--
		C	43574	51245	--	--	492376	516652	--	--
		NC	53165	51943	--	--	684594	634921	--	--
Bolivia	Logs	All	33	30	28	35	47	21	15	22
		C	0	0	--	--	0	0	--	--
		NC	33	30	28	35	47	21	15	22
	Sawn	All	1946	339	360	347	24275	20951	563	490
		C	1689	84	428	435	0	0	--	--
		NC	256	255	177	326	24275	20951	563	490
	Ven	All	246	86	1535	789	2856	2059	1226	1038
		C	0	3	--	6842	0	0	--	--
		NC	246	82	1535	761	2856	2059	1226	1038
	Ply	All	0	0	--	--	0	13	--	1615
		C	0	0	--	--	0	0	--	--
		NC	0	0	--	--	0	13	--	1615
Brazil	Logs	All	1419	2987	56	33	27294	17746	37	30
		C	182	180	22	24	19078	12671	36	26
		NC	1237	2807	72	34	8216	5075	39	49
	Sawn	All	5382	6851	34	41	490195	512163	240	237
		C	194	620	287	114	212670	228714	193	199
		NC	5188	6231	33	39	277525	283449	297	280
	Ven	All	9485	6666	486	369	48895	23730	625	412
		C	1368	539	1350	1243	7974	4600	283	251
		NC	8117	6127	439	348	40921	19130	818	487
	Ply	All	784	1022	579	668	315862	359985 <sup>1</sup>	328	261
		C	0 <sup>1</sup>	0 <sup>1</sup>	--	--	156183	200306 <sup>1</sup>	299	364
		NC	784 <sup>1</sup>	1022 <sup>1</sup>	579	668	159679	159679 <sup>1</sup>	363	193
Colombia	Logs	All	14	49	68	7349	1654	1592	80	121
		C	0	0	--	--	18	2	153	309
		NC	14	49	68	7349	1636	1590	80	121
	Sawn	All	199	127	96	306	1366	1112	302	295
		C	60	57	1308	1113	1	17	112	647
		NC	139	70	68	193	1365	1095	303	292
	Ven	All	2080	1871	2096	2707	41	4	977	273
		C	1421	1071	2082	2418	0	0	--	--
		NC	659	801	2126	3222	41	4	977	273
	Ply	All	2143	3066	468	661	1975	2672	475	613
		C	97	319	442	586	65	56	1717	1430
		NC	2046	2747	469	671	1910	2616	464	605

**Table 1-2-c. Trade of All Timber by ITTO Producers - Value (1000 \$ and \$/m<sup>3</sup>)**

Country	Product	Species	Imports				Exports			
			Value		Unit Value		Value		Unit Value	
			2000	2001	2000	2001	2000	2001	2000	2001
Ecuador	Logs	All	2	0 <sup>R</sup>	--	--	4900	6475	45	37
		C	0	0 <sup>R</sup>	--	--	926	77	54	485
		NC	2 <sup>I</sup>	0 <sup>I</sup>	--	2000	3974	6398	44	37
	Sawn	All	5	29	1157	484	15545	17042	1043	1158
		C	1	25	3381	434	182	158	340	316
		NC	3 <sup>I</sup>	4 <sup>I</sup>	901	1980	15363	16884	1069	1187
	Ven	All	271	689	2597	1687	1225	1045	2940	3102
		C	133	320	2046	1444	79	56	1013	749
		NC	137	369 <sup>I</sup>	3516	1974	1145	989	3387	3779
	Ply	All	250	656	5094	2804	77995 <sup>C</sup>	24729 <sup>C</sup>	1035	364
		C	182	392	8280	3712	51005 <sup>C</sup>	17700 <sup>C</sup>	--	--
		NC	68	264 <sup>I</sup>	2507	2057	26990 <sup>C</sup>	7030 <sup>C</sup>	358	103
Guatemala	Logs	All	14 <sup>C</sup>	404	517	--	446	213	225	155
		C	0 <sup>C</sup>	0 <sup>I</sup>	--	--	402 <sup>I</sup>	211	225	155
		NC	14 <sup>C</sup>	404 <sup>I</sup>	517	--	44 <sup>I</sup>	2	225	164
	Sawn	All	194 <sup>C</sup>	2302 <sup>CHD</sup>	374	1817	10191	15209	226	227
		C	58 <sup>C</sup>	485 <sup>I</sup>	218	1817	7988 <sup>I</sup>	7220	226	138
		NC	136 <sup>C</sup>	1817 <sup>I</sup>	540	1817	2203 <sup>I</sup>	7989	226	551
	Ven	All	256 <sup>C</sup>	476	822	1554	2051	46	1315	913
		C	22 <sup>C</sup>	86 <sup>I</sup>	392	1527	736 <sup>I</sup>	0 <sup>I</sup>	--	--
		NC	234 <sup>C</sup>	390 <sup>I</sup>	917	1560	1315 <sup>I</sup>	46 <sup>I</sup>	1315	913
	Ply	All	1396	1302	766	715	369 <sup>C</sup>	2404	595	299
		C	282 <sup>I</sup>	263 <sup>I</sup>	766	715	0 <sup>C</sup>	0 <sup>I</sup>	--	--
		NC	1114 <sup>I</sup>	1039 <sup>I</sup>	766	715	369 <sup>C</sup>	2404 <sup>I</sup>	595	299
Guyana	Logs	All	0	0	--	--	3409	3174	63	77
		C	0	0	--	--	0	0	--	--
		NC	0	0	--	--	3409	3174	63	77
	Sawn	All	32	63	141	48	14393	6473	765	270
		C	32	63	141	48	0	0	--	--
		NC	0	0	--	--	14393	6473	765	270
	Ven	All	13	0	668	--	0	0	--	--
		C	13	0	668	--	0	0	--	--
		NC	0	0	--	--	0	0	--	--
	Ply	All	0	131	--	109	23605 <sup>I</sup>	16691	271	257
		C	0	131	--	109	0	0	--	--
		NC	0	0	--	--	23605 <sup>I</sup>	16691	271	257
Honduras	Logs	All	0	0	--	--	0	0	--	--
		C	0	0	--	--	0	0	--	--
		NC	0	0	--	--	0	0	--	--
	Sawn	All	1106	1247	201	208	31671	40731	228	221
		C	934	929	180	179	31671	40731	228	221
		NC	172	318 <sup>I</sup>	573	397	0	0	--	--
	Ven	All	88	48	883	483	0	0	--	--
		C	36	0	--	--	0	0	--	--
		NC	52	48	521	483	0	0	--	--
	Ply	All	503	721	719	721	1862	2190	316	337
		C	503	596	719	745	1862	2190	316	337
		NC	0	125	--	623	0	0	--	--
Panama	Logs	All	319	1859 <sup>I</sup>	272	328	324	539	74	74
		C	319	979	272	358	0	0	--	--
		NC	0 <sup>R</sup>	879 <sup>I</sup>	300	300	324	539	74	74
	Sawn	All	1655	1132	265	234	166	1565	417	375
		C	1178	855	228	245	8	0 <sup>R</sup>	110	--
		NC	477	276	446	207	158	1565	486	392
	Ven	All	42	3105 <sup>I</sup>	1290	556	0	0	--	--
		C	1	0	4933	--	0	0	--	--
		NC	41	3105 <sup>I</sup>	1256	556	0	0	--	--
	Ply	All	3837	2642	498	118	24	0	687	--
		C	1888	151	468	67	0	0	--	--
		NC	1949	2490	532	124	24	0	687	--

**Table 1-2-c. Trade of All Timber by ITTO Producers - Value (1000 \$ and \$/m<sup>3</sup>)**

Country	Product	Species	Imports				Exports			
			Value		Unit Value		Value		Unit Value	
			2000	2001	2000	2001	2000	2001	2000	2001
Peru	Logs	All	8250	6314	366	302	31	0	492	--
		C	103	1214 <sup>1</sup>	461	302	0	0	--	--
		NC	8147	5100 <sup>1</sup>	365	302	31	0	492	--
	Sawn	All	2110	2489	297	235	52462	52157	603	651
		C	2049	2489	293	235	1316	472	185	177
		NC	61	0	652	--	51146	51685	640	667
	Ven	All	873	661	2041	1580	3521	3653	440	454
		C	82	57	2567	1465	32	0	--	--
		NC	791	604	1999	1592	3489	3653	436	454
	Ply	All	104	317	463	323	7170	9801	517	506
		C	82	261	427	307	0	0	--	--
		NC	21	56	684	428	7170	9801	517	506
Suriname	Logs	All	0	0	--	--	1242	1091	124	136
		C	0	0	--	--	0	0	--	--
		NC	0	0	--	--	1242	1091	124	136
	Sawn	All	0	0	--	--	1812	2286	259	286
		C	0	0	--	--	0	0	--	--
		NC	0	0	--	--	1812	2286	259	286
	Ven	All	0	0	--	--	0	0	--	--
		C	0	0	--	--	0	0	--	--
		NC	0	0	--	--	0	0	--	--
	Ply	All	906	1119	647	589	188	80	269	267
		C	0	0	--	--	0	0	--	--
		NC	906 <sup>1</sup>	1119 <sup>1</sup>	647	589	188	80	269	267
Trinidad and Tobago	Logs	All	544	1086	136	131	33	2	--	--
		C	290	838	290	246	1	0	--	--
		NC	254 <sup>1</sup>	247	85	50	32	2	--	--
	Sawn	All	10228	14722	343	802	7397	284	7397	2205
		C	9086	13636	363	1421	26	64	--	824
		NC	1142	1086	235	124	7371	220	7371	4294
	Ven	All	39	217 <sup>1</sup>	--	53	22	4	--	--
		C	35	174 <sup>1</sup>	--	68	5	0	--	--
		NC	3	43	--	28	16	4	--	--
	Ply	All	5206	9290	473	2844	82	61	--	1950
		C	4325	7981	481	2796	64	53	--	1759
		NC	881	1309	441	3177	18	7	--	--
Venezuela	Logs	All	86	0	4541	--	241	173	49	31
		C	2	0	2410	--	2	0	1150	--
		NC	84	0	4659	--	239	173	49	31
	Sawn	All	8881	5059 <sup>c</sup>	212	132	130	1310	476	191
		C	2633	1445 <sup>c</sup>	350	275	77	1262	392	187
		NC	6248	3614 <sup>c</sup>	182	116	54	48	686	520
	Ven	All	4548	16	1082	665	0	5	90	434
		C	3444	0	1950	--	0	0	160	370
		NC	1104	16	453	694	0	5	55	440
	Ply	All	21250	22000 <sup>1</sup>	384	440	6	92	2033	151
		C	10847	15000 <sup>1</sup>	382	500	6	92	2795	151
		NC	10403	7000 <sup>1</sup>	386	350	1	0	510	--
Producers Total	Logs	All	938904	940379	216	202	2289590	2569734	132	156
		C	49056	42539	135	80	20828	17769	38	35
		NC	889849	897840	223	218	2268762	2551964	135	160
	Sawn	All	466794	531804	199	169	2562038	2802205	285	289
		C	82194	97444	261	289	263100	292344	201	202
		NC	384600	434360	189	154	2436759	2509861	318	304
	Ven	All	102466	95336	406	366	577579	360591	386	309
		C	17165	11978	784	886	9636	5850	320	275
		NC	85301	83358	370	337	567942	354741	387	309
	Ply	All	96563	100915	411	515	3665724	3456882	289	294
		C	49283	60013	480	793	213361	223620	399	397
		NC	47281	40901	357	340	3452363	3233263	284	289
	Total	All	1604727	1668435	--	--	9094931	9189412	--	--
		C	197697	211975	--	--	506925	539583	--	--
		NC	1407030	1456459	--	--	8725826	8649829	--	--

**Table 1-2-c. Trade of All Timber by ITTO Producers - Value (1000 \$ and \$/m<sup>3</sup>)**

Country	Product	Species	Imports				Exports			
			Value		Unit Value		Value		Unit Value	
			2000	2001	2000	2001	2000	2001	2000	2001
ITTO Total	Logs	All	9789399	9178756	85	78	6263576	6000226	102	103
		C	4492346	4301984	65	61	2525596	2115989	73	66
		NC	5297054	4876772	113	105	3737980	3884237	141	150
	Sawn	All	23312096	21432092	227	212	21170438	19273782	242	224
		C	16240347	14479268	197	178	15354799	13798722	212	194
		NC	7071750	6952823	352	352	5953459	5475059	396	370
	Ven	All	2339993	2126929	768	735	2270680	2003307	694	668
		C	333127	319453	676	610	257937	254577	380	348
		NC	2006866	1807476	785	762	2012742	1748730	776	771
	Ply	All	6401355	5923548	389	364	6093106	5790855	339	337
		C	1814793	1511653	452	409	1302553	1257619	375	352
		NC	4586562	4411894	369	350	4790553	4533236	330	333
	Total	All	41842843	38661325	--	--	35797799	33068169	--	--
		C	22880612	20612359	--	--	19440885	17426907	--	--
		NC	18962231	18048966	--	--	16494734	15641262	--	--

**Table 1-2-d. Trade of Tropical Timber by ITTO Producers - Value (1000 \$ and \$/m<sup>3</sup>)**

Country	Product	Imports				Exports			
		Value		Unit Value		Value		Unit Value	
		2000	2001	2000	2001	2000	2001	2000	2001
Africa	Logs	16477	9541	252	251	766365	746332	158	164
	Sawn	346	7651	44	328	521249	534573	249	346
	Ven	941	0	588	--	137600	172693	350	450
	Ply	115	225	148	233	43811	46964	219	283
	Total	17880	17417	--	--	1469024	1500563	--	--
Cameroon	Logs	0 <sup>c</sup>	0 <sup>c</sup>	--	--	123996	28424	195	122
	Sawn	0 <sup>c</sup>	0 <sup>c</sup>	--	--	265407	249586	230	396
	Ven	0 <sup>c</sup>	0 <sup>c</sup>	--	--	33937	30342	483	933
	Ply	5 <sup>c</sup>	168	1089	637	9614	9959	278	470
Central African Republic	Logs	0 <sup>i</sup>	0 <sup>i</sup>	--	--	39559	78250 <sup>i</sup>	158	250
	Sawn	0 <sup>i</sup>	0 <sup>i</sup>	--	--	16290	22800 <sup>i</sup>	248	300
	Ven	0 <sup>i</sup>	0 <sup>i</sup>	--	--	0	0 <sup>i</sup>	--	--
	Ply	0 <sup>i</sup>	0 <sup>i</sup>	--	--	108	158 <sup>i</sup>	541	350
Congo, Dem. Rep. (former Zaire)	Logs	0 <sup>c</sup>	0 <sup>i</sup>	--	--	14642 <sup>c</sup>	15000 <sup>i</sup>	249	250
	Sawn	0 <sup>c</sup>	0 <sup>i</sup>	--	--	6000 <sup>c</sup>	6000 <sup>i</sup>	300	300
	Ven	0 <sup>c</sup>	0 <sup>i</sup>	--	--	364 <sup>c</sup>	364 <sup>i</sup>	1582	1582
	Ply	7 <sup>i</sup>	0 <sup>i</sup>	350	--	15 <sup>c</sup>	15 <sup>i</sup>	572	572
Congo	Logs	0 <sup>i</sup>	0 <sup>i</sup>	--	--	73456 <sup>i</sup>	99020 <sup>i</sup>	250	250
	Sawn	0 <sup>i</sup>	0 <sup>i</sup>	--	--	22216 <sup>i</sup>	47357 <sup>i</sup>	350	500
	Ven	0 <sup>i</sup>	0 <sup>i</sup>	--	--	5602 <sup>i</sup>	8405 <sup>i</sup>	700	700
	Ply	0 <sup>i</sup>	0 <sup>i</sup>	--	--	0 <sup>i</sup>	0 <sup>i</sup>	0	--
Côte d'Ivoire	Logs	15076 <sup>i</sup>	9250 <sup>i</sup>	250	250	21269	25089	156	198
	Sawn	0	0	--	--	130907	110204	285	278
	Ven	0	0	--	--	27064	43466	240	359
	Ply	0	0	--	--	11976	9693	299	285
Gabon	Logs	0	64	--	--	280943	275550 <sup>i</sup>	109	110
	Sawn	0	7207 <sup>i</sup>	--	542	1809	19099	23	248
	Ven	940 <sup>i</sup>	0	588	--	21973	39561	241	380
	Ply	0	0	--	--	10012	13642	128	239
Ghana	Logs	0	0	--	--	0	0	--	--
	Sawn	0	0	--	--	76607	75390	315	316
	Ven	0	0	--	--	48660	50556	438	443
	Ply	0	0	--	--	12085	13498	257	255
Liberia	Logs	0	0	--	--	212500 <sup>i</sup>	225000 <sup>i</sup>	250	250
	Sawn	0	0	--	--	1359 <sup>*</sup>	3336 <sup>*</sup>	226	556
	Ven	0	0	--	--	0 <sup>i</sup>	0 <sup>i</sup>	--	--
	Ply	0	0	--	--	0 <sup>i</sup>	0 <sup>i</sup>	--	--
Togo	Logs	1401	227	280	227	0	0	--	--
	Sawn	346	444	44	44	653	803	289	134
	Ven	1	0	--	--	0	0	--	--
	Ply	103	57	137	81	0	0	--	--

**Table 1-2-d. Trade of Tropical Timber by ITTO Producers - Value (1000 \$ and \$/m<sup>3</sup>)**

Country	Product	Imports				Exports			
		Value		Unit Value		Value		Unit Value	
		2000	2001	2000	2001	2000	2001	2000	2001
Asia-Pacific	Logs	629726	703884	198	200	1452289	1130128	126	102
	Sawn	263568	284099	169	166	1503931	1499391	340	281
	Ven	44564	38341	327	293	379757	154958	375	218
	Ply	21305	20311	409	364	2781724	2547631	246	254
	Total	959163	1046636	--	--	6117700	5332109	--	--
Cambodia	Logs	0	0	--	--	0	0	--	--
	Sawn	0	0	--	--	886	1629	295	326
	Ven	0	0	--	--	15192	7898	338	329
	Ply	0	0	--	--	9012	4628	334	331
Fiji	Logs	0	0	--	--	146 <sup>c</sup>	--	377	--
	Sawn	0	0	--	--	3253	1950	482	433
	Ven	0	0	--	--	1400	1146	663	716
	Ply	0	39	--	269	2146	1942	504	571
India	Logs	430000 <sup>1</sup>	510239 <sup>1</sup>	250	250	322 <sup>c</sup>	25222 <sup>1</sup>	600	781
	Sawn	780 <sup>c</sup>	819 <sup>c</sup>	384	119	5487 <sup>c</sup>	5442 <sup>c</sup>	986	552
	Ven	693 <sup>c</sup>	30 <sup>c</sup>	3235	8878	3915 <sup>c</sup>	3443 <sup>c</sup>	7031	--
	Ply	8379 <sup>c</sup>	4934 <sup>c</sup>	1435	1405	3827 <sup>c</sup>	2943 <sup>c</sup>	1716	1189
Indonesia	Logs	2109	3749	808	97	471243 <sup>1</sup>	414238 <sup>1</sup>	293	120
	Sawn	9204	9181	580	460	604634 <sup>1</sup>	734807 <sup>1</sup>	432	327
	Ven	7705	7130	2575	2204	1275	1555	490	290
	Ply	1006	630	1096	879	1582052	1397635	204	221
Malaysia	Logs	54191	65998 <sup>1</sup>	75	88	490837 <sup>1</sup>	407027 <sup>1</sup>	72	81
	Sawn	42989 <sup>1</sup>	35481 <sup>1</sup>	95	75	759794	571978 <sup>*</sup>	316	243
	Ven	3471 <sup>1</sup>	3089 <sup>1</sup>	231	221	342224	126758 <sup>*</sup>	366	193
	Ply	3226	5746 <sup>1</sup>	461	275	1165779	1122981	341	314
Myanmar	Logs	0	0	--	--	206720	194618	185	192
	Sawn	0	0	--	--	34192	91269	272	376
	Ven	0	0	--	--	216	159	420	277
	Ply	0	0	--	--	3278	3087	71	69
Papua New Guinea	Logs	1 <sup>c</sup>	0 <sup>1</sup>	1141	--	283000	89000	142	57
	Sawn	0 <sup>c</sup>	0 <sup>1</sup>	--	--	13791	15291	460	510
	Ven	4 <sup>c</sup>	0 <sup>1</sup>	--	--	3600	3600 <sup>1</sup>	180	180
	Ply	0 <sup>c</sup>	0 <sup>1</sup>	--	--	0	0	--	--
Philippines	Logs	17871	23372	51	81	0	3	--	33
	Sawn	28144	28552	107	132	20457 <sup>1</sup>	15222 <sup>1</sup>	170	156
	Ven	23950	20186	224	193	3045	1244	649	558
	Ply	164	206	430	413	1266	2697	157	500
Thailand	Logs	125553	100527	319	232	21	20	--	--
	Sawn	182451	209824	222	210	58438	59663	188	179
	Ven	8688	7853	790	873	8890	9158	4445	4579
	Ply	8531	8419	224	281	14363	11718	388	325
Vanuatu	Logs	0	0	--	--	0	0	--	--
	Sawn	0	243	--	6085	3000 <sup>1</sup>	2141	300	183
	Ven	53	53	--	--	0	0	--	--
	Ply	0	337	--	--	0	0	--	--

**Table 1-2-d. Trade of Tropical Timber by ITTO Producers - Value (1000 \$ and \$/m<sup>3</sup>)**

Country	Product	Imports				Exports			
		Value		Unit Value		Value		Unit Value	
		2000	2001	2000	2001	2000	2001	2000	2001
Latin America\ Caribbean	Logs	596	390	60	61	11849	13524	61	53
	Sawn	6518	7142	164	176	392757	347247	355	290
	Ven	3779	5580	867	793	49744	22692	806	444
	Ply	13782	16913	425	396	218436	190288	352	202
	Total	24674	30025	--	--	672786	573752	--	--
Bolivia	Logs	33	30	28	35	47	21	15	22
	Sawn	35 <sup>1</sup>	255	250	326	24275	20951	563	490
	Ven	0	82	--	761	2856	2059	1226	1038
	Ply	0	0	--	--	0 <sup>1</sup>	13 <sup>1</sup>	--	1615
Brazil	Logs	256	27	45	60	888	549	134	167
	Sawn	39	270	1049	178	277525 <sup>1</sup>	283449 <sup>1</sup>	297	280
	Ven	2075	2441	1341	1865	40921	19130	818	487
	Ply	280	703	1115	1211	159679	159679	363	193
Colombia	Logs	0	49	80	--	1618	1575	79	120
	Sawn	122	51	81	150	957	618	598	661
	Ven	370	425	1442	2008	1	2	1243	596
	Ply	29	89	586	1202	1910	2603	464	605
Ecuador	Logs	2	0 <sup>R</sup>	--	2000	3974 <sup>C</sup>	6398 <sup>C</sup>	44	37
	Sawn	3	4	901	1980	15363 <sup>C</sup>	16884 <sup>C</sup>	1069	1187
	Ven	137	369	3516	1974	1145 <sup>C</sup>	989 <sup>C</sup>	3387	3779
	Ply	68	264	2507	2056	26990 <sup>C</sup>	7030 <sup>C</sup>	358	425
Guatemala	Logs	0 <sup>C</sup>	0 <sup>1</sup>	--	--	44 <sup>1</sup>	2 <sup>1</sup>	225	164
	Sawn	136 <sup>C</sup>	1817 <sup>1</sup>	540	1817	2203 <sup>1</sup>	7989 <sup>1</sup>	226	551
	Ven	198 <sup>C</sup>	358 <sup>1</sup>	846	1431	1315 <sup>C</sup>	46 <sup>C</sup>	1315	913
	Ply	1114 <sup>1</sup>	1039 <sup>1</sup>	766	715	369 <sup>C</sup>	2404 <sup>C</sup>	595	299
Guyana	Logs	0	0	--	--	3409	3174	63	77
	Sawn	0	0	--	--	14393	6473	765	270
	Ven	0	0	--	--	0	0	--	--
	Ply	0	0	--	--	23605	16691	271	257
Honduras	Logs	0	0	--	--	0	0	--	--
	Sawn	0	0	--	--	0	0	--	--
	Ven	52	0	521	--	0	0	--	--
	Ply	0	0	--	--	0	0	--	--
Panama	Logs	0 <sup>R</sup>	38 <sup>1</sup>	300	250	324	539	74	74
	Sawn	156	253	519	440	158	1565	486	392
	Ven	0 <sup>R</sup>	1533	3864	475	0	0	--	--
	Ply	1217	6330 <sup>1</sup>	450	350	24	0	687	--
Peru	Logs	0	0	--	--	31	0	492	--
	Sawn	33	0	578	--	48648	6868	649	89
	Ven	0	327	--	1636	3489	462	436	57
	Ply	6	56	--	428	5653 <sup>1</sup>	1788 <sup>1</sup>	466	92
Suriname	Logs	0	0	--	--	1242	1091	124	136
	Sawn	0	0	--	--	1812	2286	259	286
	Ven	0	0	--	--	0	0	--	--
	Ply	906 <sup>1</sup>	1119 <sup>1</sup>	647	589	188	80	269	267
Trinidad and Tobago	Logs	254	247	85	50	32	2	--	--
	Sawn	1093 <sup>1</sup>	1020	342	177	7371	116	7371	7895
	Ven	0	43 <sup>1</sup>	--	28	16	0	--	--
	Ply	0	313	--	1022	18	1	--	1465

**Table 1-2-d. Trade of Tropical Timber by ITTO Producers - Value (1000 \$ and \$/m<sup>3</sup>)**

Country	Product	Imports				Exports			
		Value		Unit Value		Value		Unit Value	
		2000	2001	2000	2001	2000	2001	2000	2001
Venezuela	Logs	50	0	4171	--	239	173	49	31
	Sawn	4899	3471 <sup>c</sup>	143	--	54	48	686	520
	Ven	946	2	434	1110	0	5	55	440
	Ply	10162	7000 <sup>i</sup>	383	350	1	0	510	--
<b>Producers Total</b>	<b>Logs</b>	<b>646799</b>	<b>713815</b>	<b>198</b>	<b>200</b>	<b>2230502</b>	<b>1889985</b>	<b>135</b>	<b>119</b>
	<b>Sawn</b>	<b>270432</b>	<b>298892</b>	<b>169</b>	<b>168</b>	<b>2417937</b>	<b>2381212</b>	<b>317</b>	<b>295</b>
	<b>Ven</b>	<b>49284</b>	<b>43921</b>	<b>347</b>	<b>318</b>	<b>567101</b>	<b>350344</b>	<b>387</b>	<b>306</b>
	<b>Ply</b>	<b>35201</b>	<b>37449</b>	<b>413</b>	<b>377</b>	<b>3043970</b>	<b>2784884</b>	<b>251</b>	<b>250</b>
	<b>Total</b>	<b>1001716</b>	<b>1094077</b>	<b>--</b>	<b>--</b>	<b>8259510</b>	<b>7406423</b>	<b>--</b>	<b>--</b>
<b>ITTO Total</b>	<b>Logs</b>	<b>2964590</b>	<b>2905742</b>	<b>170</b>	<b>153</b>	<b>2308989</b>	<b>1977089</b>	<b>137</b>	<b>123</b>
	<b>Sawn</b>	<b>3115307</b>	<b>3545110</b>	<b>333</b>	<b>372</b>	<b>2795542</b>	<b>2761691</b>	<b>328</b>	<b>314</b>
	<b>Ven</b>	<b>549021</b>	<b>583844</b>	<b>392</b>	<b>490</b>	<b>729634</b>	<b>560039</b>	<b>464</b>	<b>442</b>
	<b>Ply</b>	<b>2957146</b>	<b>2968467</b>	<b>285</b>	<b>287</b>	<b>3483798</b>	<b>3353864</b>	<b>265</b>	<b>273</b>
	<b>Total</b>	<b>9586064</b>	<b>10003163</b>	<b>--</b>	<b>--</b>	<b>9317964</b>	<b>8652683</b>	<b>--</b>	<b>--</b>

## Appendix 1 - Table 1-3

### Production and Trade of Reconstituted Panels, Wood Pulp and Paper by Major ITTO Producers, 1997-2001

#### NOTES

1. PRODUCT LIST

<b>Particle Board</b>	<b>Wood Pulp</b>	<b>Paper and Paperboard</b>
<b>Fibreboard</b>	Mechanical Wood Pulp	Newsprint
Hardboard	Dissolving Wood Pulp	Printing and Writing Paper
MDF	Semi-chemical Wood Pulp	Other Paper and Paperboard
Insulating Board	Chemical Wood Pulp	Household and Sanitary Paper
	Sulphate Unbleached	Wrapping and Packaging Paper and Paperboard
	Sulphate Bleached	Other Paper and Paperboard
	Sulphite Unbleached	NES
	Sulphite Bleached	

- Countries in all Tables are ranked by 2001 values.
- Production and trade statistics are provided for the top five ITTO producer countries (or fewer, when the producer total is accounted for by less countries) in each category. When a country appears in a production table but not in the corresponding Export table (or vice-versa), it is added in italics to the table in which it does not rank as one of the top five ITTO producers for reference, if non-zero values exist for at least one year. Likewise, when a country appears in a trade quantity table but not in a corresponding trade value table, it is added in italics to the table in which it is not one of the top five ITTO producer countries for reference.
- The cell in all Tables for "%Prod" of "Total Producers" corresponds to the percentage of all ITTO producers accounted for by the top ITTO producers listed in a given category.
- Data are from FAOSTAT but have been adjusted using other sources and Secretariat estimates when production levels were significantly below exports or missing and/or when the sum of components were not consistent with aggregate totals. Any figures not taken from FAOSTAT are denoted by the superscripts listed in the Notes preceding these Appendices.

**Table 1-3. Production and Trade of Reconstituted Panels, Wood Pulp and Paper by Major ITTO Producers, 1997-2001**

**PARTICLE BOARD - PRODUCTION**

Country	1997				1998				1999				2000				2001			
	Vol. (m <sup>3</sup> )	%Chng	%Prod	%World	Vol. (m <sup>3</sup> )	%Chng	%Prod	%World	Vol. (m <sup>3</sup> )	%Chng	%Prod	%World	Vol. (m <sup>3</sup> )	%Chng	%Prod	%World	Vol. (m <sup>3</sup> )	%Chng	%Prod	%World
Brazil	660000	-	39.6	0.9	660000	0.0	37.8	0.9	1500000	127.3	49.6	1.9	1762000	17.5	50.4	2.1	1762000	0.0	51.2	2.1
Thailand	116000 <sup>1</sup>	-	7.0	0.2	256000 <sup>1</sup>	120.7	14.7	0.4	452000 <sup>1</sup>	76.6	14.9	0.6	500000 <sup>1</sup>	10.6	14.3	0.6	538000 <sup>1</sup>	7.6	15.6	0.6
Malaysia	150000	-	9.0	0.2	250000	66.7	14.3	0.3	350000 <sup>1</sup>	40.0	11.6	0.4	455000 <sup>1</sup>	30.0	13.0	0.5	379000 <sup>1</sup>	-16.7	11.0	0.5
Indonesia	440000	-	26.4	0.6	274000	-37.7	15.7	0.4	313000 <sup>1</sup>	14.2	10.3	0.4	300000 <sup>1</sup>	-4.2	8.6	0.4	297000	-1.0	8.6	0.4
Colombia	72000	-	4.3	0.1	69000	-4.2	3.9	0.1	139000	101.4	4.6	0.2	160000	15.1	4.6	0.2	147000	-8.1	4.3	0.2
Total Producers	1666800 <sup>1</sup>	-	86.3	2.4	1747100 <sup>1</sup>	4.8	86.4	2.4	3025100 <sup>1</sup>	73.1	91.0	3.8	3496200 <sup>1</sup>	15.6	90.9	4.1	3444100 <sup>1</sup>	-1.5	90.7	4.1
World	70535800 <sup>1</sup>	-	-	-	72599710 <sup>1</sup>	2.9	-	-	79688700 <sup>1</sup>	9.8	-	-	84919587 <sup>1</sup>	6.6	-	-	83664164 <sup>1</sup>	-1.5	-	-

**PARTICLE BOARD - IMPORTS**

Country	1997				1998				1999				2000				2001			
	Vol. (m <sup>3</sup> )	%Chng	%Prod	%World	Vol. (m <sup>3</sup> )	%Chng	%Prod	%World	Vol. (m <sup>3</sup> )	%Chng	%Prod	%World	Vol. (m <sup>3</sup> )	%Chng	%Prod	%World	Vol. (m <sup>3</sup> )	%Chng	%Prod	%World
Brazil	120600	-	43.1	0.7	72700	-39.7	34.1	0.4	41000	-43.6	20.6	0.2	120800	194.6	36.9	0.6	73500	-39.2	26.5	0.3
Malaysia	36400	-	13.0	0.2	38700	6.3	18.2	0.2	45000	16.3	22.6	0.2	55200	22.7	16.9	0.3	48800	-11.6	17.6	0.2
Peru	24400	-	8.7	0.1	27000	10.7	12.7	0.1	21000	-22.2	10.5	0.1	27000	28.6	8.3	0.1	31000	14.8	11.2	0.1
India	8700	-	3.1	0.1	12400	42.5	5.8	0.1	30000	141.9	15.0	0.2	28700	-4.3	8.8	0.1	29000	1.0	10.5	0.1
Philippines	42000	-	15.0	0.3	14200	-66.2	6.7	0.1	18600	31.0	9.3	0.1	28400	52.7	8.7	0.1	18700	-34.2	6.8	0.1
Guatemala	8800	-	3.1	0.1	18300	108.0	8.6	0.1	14000	-23.5	7.0	0.1	15000	7.1	4.6	0.1	18000	20.0	6.5	0.1
Indonesia	6000	-	2.1	0.0	6000	0.0	2.8	0.0	5600	-6.7	2.8	0.0	19800	253.6	6.1	0.1	14800	-25.3	5.3	0.1
Total Producers	280100	-	82.9	1.7	212900	-24.0	77.5	1.1	199400	-6.3	78.0	1.0	327100	64.0	79.5	1.5	276900	-15.3	72.6	1.2
World	16556156	-	-	-	18686671	12.9	-	-	19809906	6.0	-	-	21719582	9.6	-	-	23342065	7.5	-	-

**BY VALUE**

Country	1997				1998				1999				2000				2001			
	Val. (1000\$)	%Chng	%Prod	%World	Val. (1000\$)	%Chng	%Prod	%World	Val. (1000\$)	%Chng	%Prod	%World	Val. (1000\$)	%Chng	%Prod	%World	Val. (1000\$)	%Chng	%Prod	%World
Brazil	27122	-	38.9	0.8	17083	-37.0	31.1	0.4	8192	-52.0	17.2	0.2	17219	110.2	27.3	0.4	10514	-38.9	19.1	0.3
Malaysia	11031	-	15.8	0.3	9392	-14.9	17.1	0.2	12947	37.9	27.2	0.3	13000	0.4	20.6	0.3	10422	-19.8	18.9	0.3
Peru	5900	-	8.5	0.2	7417	25.7	13.5	0.2	5330	-28.1	11.2	0.1	6680	25.3	10.6	0.2	7638	14.3	13.8	0.2
Indonesia	2900	-	4.2	0.1	2900	0.0	5.3	0.1	1134	-60.9	2.4	0.0	4597	305.4	7.3	0.1	4831	5.1	8.8	0.1
Guatemala	2176	-	3.1	0.1	4215	93.7	7.7	0.1	3231	-23.3	6.8	0.1	3387	4.8	5.4	0.1	4587	35.4	8.3	0.1
India	1808	-	2.6	0.1	1736	-4.0	3.2	0.0	4528	160.8	9.5	0.1	4104	-9.4	6.5	0.1	4320	5.3	7.8	0.1
Philippines	8716	-	12.5	0.3	4597	-47.3	8.4	0.1	5408	17.6	11.4	0.1	5523	2.1	8.8	0.1	3250	-41.2	5.9	0.1
Total Producers	69752	-	70.4	2.0	54922	-21.3	74.7	1.3	47616	-13.3	64.8	1.0	63042	32.4	71.2	1.5	55159	-12.5	68.9	1.5
World	3462485	-	-	-	4113875	18.8	-	-	4810371	16.9	-	-	4140720	-13.9	-	-	3746778	-9.5	-	-

**PARTICLE BOARD - EXPORTS**

Country	1997				1998				1999				2000				2001			
	Vol. (m <sup>3</sup> )	%Chng	%Prod	%World	Vol. (m <sup>3</sup> )	%Chng	%Prod	%World	Vol. (m <sup>3</sup> )	%Chng	%Prod	%World	Vol. (m <sup>3</sup> )	%Chng	%Prod	%World	Vol. (m <sup>3</sup> )	%Chng	%Prod	%World
Thailand	106500	-	18.9	0.6	207000	94.4	27.6	1.1	379000	83.1	35.7	1.9	433000	14.2	35.6	1.9	495000	14.3	44.6	2.2
Malaysia	122500	-	21.7	0.7	231000	88.6	30.8	1.2	319000	38.1	30.0	1.6	421000	32.0	34.6	1.9	367000	-12.8	33.0	1.6
Indonesia	245000	-	43.4	1.4	240000 <sup>1</sup>	-2.0	31.9	1.2	251100	4.6	23.6	1.2	241000	-4.0	19.8	1.1	159100	-34.0	14.3	0.7
Brazil	51200	-	9.1	0.3	30000	-41.4	4.0	0.2	31000	3.3	2.9	0.2	35000	12.9	2.9	0.2	36000	2.9	3.2	0.2
Colombia	13300	-	2.4	0.1	20500	54.1	2.7	0.1	63000	207.3	5.9	0.3	66700	5.9	5.5	0.3	31500	-52.8	2.8	0.1
Total Producers	563931	-	95.5	3.2	751200 <sup>1</sup>	33.2	97.0	3.8	1062800	41.5	98.1	5.2	1217700	14.6	98.3	5.5	1110600	-8.8	98.0	4.9
World	17790314	-	-	-	19582714 <sup>1</sup>	10.1	-	-	20479214	4.6	-	-	22270668	8.7	-	-	22765539	2.2	-	-

**BY VALUE**

Country	1997				1998				1999				2000				2001			
	Val. (1000\$)	%Chng	%Prod	%World	Val. (1000\$)	%Chng	%Prod	%World	Val. (1000\$)	%Chng	%Prod	%World	Val. (1000\$)	%Chng	%Prod	%World	Val. (1000\$)	%Chng	%Prod	%World
Malaysia	22255	-	21.3	0.6	30327	36.3	20.4	0.7	44035	45.2	30.4	0.7	67322	52.9	38.9	1.6	57866	-14.0	36.9	1.5
Thailand	18566	-	17.7	0.5	23426	26.2	15.8	0.5	45004	92.1	31.1	0.7	50974	13.3	29.4	1.2	53633	5.2	34.2	1.4
Indonesia	31535	-	30.1	0.9	74376	135.9	50.0	1.7	34642	-53.4	23.9	0.5	30063	-13.2	17.4	0.7	19532	-35.0	12.5	0.5
Brazil	20591	-	19.7	0.6	11240	-45.4	7.6	0.3	6678	-40.6	4.6	0.1	10456	56.6	6.0	0.2	12766	22.1	8.1	0.3
Colombia	2412	-	2.3	0.1	3531	46.4	2.4	0.1	10417	195.0	7.2	0.2	10312	-1.0	6.0	0.2	8340	-19.1	5.3	0.2
Total Producers	104678	-	91.1	2.9	148674	42.0	96.1	3.4	144688	-2.7	97.3	2.2	173198	19.7	97.6	4.0	156698	-9.5	97.1	4.0
World	3597325	-	-	-	4413800	22.7	-	-	6687967	51.5	-	-	4280025	-36.0	-	-	3927346	-8.2	-	-

**Table 1-3. Production and Trade of Reconstituted Panels, Wood Pulp and Paper by Major ITTO Producers, 1997-2001**

**FIBREBOARD - PRODUCTION**

Country	1997				1998				1999				2000				2001			
	Vol. (m <sup>3</sup> )	%Chng	%Prod	%World	Vol. (m <sup>3</sup> )	%Chng	%Prod	%World	Vol. (m <sup>3</sup> )	%Chng	%Prod	%World	Vol. (m <sup>3</sup> )	%Chng	%Prod	%World	Vol. (m <sup>3</sup> )	%Chng	%Prod	%World
Malaysia	700000	-	32.2	2.8	1000000	42.9	36.7	3.5	1107000	10.7	35.9	3.5	1282000 <sup>1</sup>	15.8	36.0	3.7	1388000 <sup>1</sup>	8.3	36.9	3.9
Brazil	779000 <sup>1</sup>	-	35.8	3.1	818000 <sup>1</sup>	5.0	30.0	2.9	954000	16.6	30.9	3.0	1001000	4.9	28.1	2.9	1001000	0.0	26.6	2.8
Thailand	188000 <sup>1</sup>	-	8.6	0.8	265000 <sup>1</sup>	41.0	9.7	0.9	308000	16.2	10.0	1.0	511000 <sup>1</sup>	65.9	14.3	1.5	577000 <sup>1</sup>	12.9	15.3	1.6
Indonesia	220000 <sup>1</sup>	-	10.1	0.9	260000 <sup>1</sup>	18.2	9.5	0.9	507000 <sup>1</sup>	95.0	16.4	1.6	527000 <sup>1</sup>	3.9	14.8	1.5	557000 <sup>1</sup>	5.7	14.8	1.5
India	35700	-	1.6	0.1	112000	213.7	4.1	0.4	130000	16.1	4.2	0.4	132000	1.5	3.7	0.4	132000	0.0	3.5	0.4
Colombia	19200 <sup>1</sup>	-	0.9	0.1	19000 <sup>1</sup>	-1.0	0.7	0.1	6500 <sup>1</sup>	-65.8	0.2	0.0	17000 <sup>1</sup>	161.5	0.5	0.0	14500 <sup>1</sup>	-14.7	0.4	0.0
Total Producers	2175900 <sup>1</sup>	-	88.4	8.7	2724000 <sup>1</sup>	25.2	90.1	9.6	3083500 <sup>1</sup>	13.2	97.5	9.9	3561000 <sup>1</sup>	15.5	97.0	10.3	3761500 <sup>1</sup>	5.6	97.2	10.4
World	25030800 <sup>1</sup>	-	-	-	28296739 <sup>1</sup>	13.0	-	-	31292741 <sup>1</sup>	10.6	-	-	34664169 <sup>1</sup>	10.8	-	-	36047978 <sup>1</sup>	4.0	-	-

**FIBREBOARD - IMPORTS**

Country	1997				1998				1999				2000				2001			
	Vol. (m <sup>3</sup> )	%Chng	%Prod	%World	Vol. (m <sup>3</sup> )	%Chng	%Prod	%World	Vol. (m <sup>3</sup> )	%Chng	%Prod	%World	Vol. (m <sup>3</sup> )	%Chng	%Prod	%World	Vol. (m <sup>3</sup> )	%Chng	%Prod	%World
Philippines	104000	-	33.3	1.1	83000	-20.2	26.8	0.8	105000	26.5	33.1	0.9	108000	2.9	28.1	0.7	88900	-17.7	24.8	0.6
India	11500	-	3.7	0.1	36400	216.5	11.8	0.4	38900	6.9	12.3	0.3	38900	0.0	10.1	0.2	52700	35.5	14.7	0.3
Brazil	91400	-	29.2	1.0	89400	-2.2	28.9	0.9	59000	-34.0	18.6	0.5	64000	8.5	16.6	0.4	41300	-35.5	11.5	0.3
Indonesia	30100	-	9.6	0.3	12900	-57.1	4.2	0.1	12300	-4.7	3.9	0.1	28400	130.9	7.4	0.2	37400	31.7	10.4	0.2
Malaysia	18000	-	5.8	0.2	22600	25.6	7.3	0.2	17400	-23.0	5.5	0.2	29900	71.8	7.8	0.2	29900	0.0	8.3	0.2
Venezuela	8700	-	2.8	0.1	10000	14.9	3.2	0.1	15100	51.0	4.8	0.2	26500	75.5	6.9	0.2	26500	0.0	7.4	0.2
Colombia	12700	-	4.1	0.1	12100	-4.7	3.9	0.1	23100	90.9	7.3	0.2	26600	15.2	6.9	0.2	20000	-24.8	5.6	0.1
Total Producers	312759	-	81.5	3.4	309510	-1.0	78.9	3.0	317210	2.5	73.3	2.8	384610	21.2	70.0	2.4	358910	-6.7	69.7	2.3
World	9126465	-	-	-	10163590	11.4	-	-	11360833	11.8	-	-	15949046	40.4	-	-	15584811	-2.3	-	-

**BY VALUE**

Country	1997				1998				1999				2000				2001			
	Val. (1000\$)	%Chng	%Prod	%World	Val. (1000\$)	%Chng	%Prod	%World	Val. (1000\$)	%Chng	%Prod	%World	Val. (1000\$)	%Chng	%Prod	%World	Val. (1000\$)	%Chng	%Prod	%World
Brazil	38009	-	38.0	1.6	34058	-10.4	36.6	1.3	14482	-57.5	17.6	0.5	16870	16.5	20.2	0.5	13886	-17.7	16.5	0.4
Philippines	19910	-	19.9	0.8	14634	-26.5	15.7	0.6	20032	36.9	24.4	0.7	16219	-19.0	19.4	0.5	13125	-19.1	15.6	0.4
Venezuela	3657	-	3.7	0.2	3693	1.0	4.0	0.1	5735	55.3	7.0	0.2	9351	63.1	11.2	0.3	9351	0.0	11.1	0.3
Colombia	4634	-	4.6	0.2	3932	-15.1	4.2	0.1	6373	62.1	7.8	0.2	7342	15.2	8.8	0.2	8198	11.7	9.8	0.2
Malaysia	7442	-	7.4	0.3	8799	18.2	9.4	0.3	9046	2.8	11.0	0.3	6968	-23.0	8.3	0.2	6968	0.0	8.3	0.2
India	3448	-	3.4	0.1	8743	153.6	9.4	0.3	9842	12.6	12.0	0.4	4677	-52.5	5.6	0.1	8262	76.7	9.8	0.2
Indonesia	9981	-	10.0	0.4	5486	-45.0	5.9	0.2	2911	-46.9	3.5	0.1	4870	67.3	5.8	0.2	6805	39.7	8.1	0.2
Total Producers	100086	-	73.6	4.2	93176	-6.9	69.9	3.5	82156	-11.8	67.8	3.1	83535	1.7	67.9	2.6	83986	0.5	61.4	2.5
World	2395251	-	-	-	2628278	9.7	-	-	2678302	1.9	-	-	3234439	20.8	-	-	3362608	4.0	-	-

**FIBREBOARD - EXPORTS**

Country	1997				1998				1999				2000				2001			
	Vol. (m <sup>3</sup> )	%Chng	%Prod	%World	Vol. (m <sup>3</sup> )	%Chng	%Prod	%World	Vol. (m <sup>3</sup> )	%Chng	%Prod	%World	Vol. (m <sup>3</sup> )	%Chng	%Prod	%World	Vol. (m <sup>3</sup> )	%Chng	%Prod	%World
Malaysia	590000	-	50.4	6.8	730000	23.7	56.1	7.7	872000	19.5	52.5	8.2	926597 <sup>1</sup>	6.3	50.2	7.1	1064800	14.9	50.8	7.7
Thailand	137400	-	11.7	1.6	194000	41.2	14.9	2.1	281000	44.8	16.9	2.6	433000	54.1	23.5	3.3	516000	19.2	24.6	3.7
Indonesia	142200	-	12.1	1.6	113500	-20.2	8.7	1.2	267800	135.9	16.1	2.5	277300	3.5	15.0	2.1	285000	2.8	13.6	2.1
Brazil	292300	-	25.0	3.4	262000	-10.4	20.1	2.8	235000	-10.3	14.2	2.2	198000	-15.7	10.7	1.5	214000	8.1	10.2	1.5
Colombia	2200	-	0.2	0.0	1300	-40.9	0.1	0.0	2100	61.5	0.1	0.0	7200	242.9	0.4	0.1	7500	4.2	0.4	0.1
India	2000	-	0.2	0.0	600	-70.0	0.0	0.0	1000	66.7	0.1	0.0	500	-50.0	0.0	0.0	4800	860.0	0.2	0.0
Total Producers	1170600	-	99.4	13.6	1301800	11.2	99.9	13.8	1660300	27.5	99.9	15.5	1844897 <sup>1</sup>	11.1	99.8	14.2	2094400	13.5	99.7	15.2
World	8635695	-	-	-	9461631	9.6	-	-	10694278	13.0	-	-	12961952 <sup>1</sup>	21.2	-	-	13823360	6.6	-	-

**BY VALUE**

Country	1997				1998				1999				2000				2001			
	Val. (1000\$)	%Chng	%Prod	%World	Val. (1000\$)	%Chng	%Prod	%World	Val. (1000\$)	%Chng	%Prod	%World	Val. (1000\$)	%Chng	%Prod	%World	Val. (1000\$)	%Chng	%Prod	%World
Malaysia	152761	-	53.2	6.1	150669	-1.4	54.9	5.4	192188	27.6	53.1	6.4	216590 <sup>1</sup>	12.7	57.7	6.7	229803	6.1	57.3	6.8
Thailand	30478	-	10.6	1.2	36974	21.3	13.5	1.3	62182	68.2	17.2	2.1	58325	-6.2	15.6	1.8	65932	13.0	16.4	2.0
Brazil	81967	-	28.6	3.3	67827	-17.3	24.7	2.4	69901	3.1	19.3	2.3	58290	-16.6	15.5	1.8	59242	1.6	14.8	1.8
Indonesia	20129	-	7.0	0.8	18210	-9.5	6.6	0.7	36532	100.6	10.1	1.2	39388	7.8	10.5	1.2	42242	7.2	10.5	1.3
Colombia	573	-	0.2	0.0	373	-34.9	0.1	0.0	646	73.2	0.2	0.0	1945	201.1	0.5	0.1	2464	26.7	0.6	0.1
India	117	-	0.0	0.0	112	-4.3	0.0	0.0	177	58.0	0.0	0.0	49	-72.3	0.0	0.0	818	1569.4	0.2	0.0
Total Producers	286977	-	99.6	11.5	274211	-4.4	99.9	9.8	362030	32.0	99.8	12.1	375068 <sup>1</sup>	3.6	99.9	11.6	400982	6.9	99.7	11.9
World	2489247	-	-	-	2799855	12.5	-	-	2982458	6.5	-	-	3231208 <sup>1</sup>	8.3	-	-	3378084	4.5	-	-

**Table 1-3. Production and Trade of Reconstituted Panels, Wood Pulp and Paper by Major ITTO Producers, 1997-2001**

**HARDBOARD - PRODUCTION**

Country	1997				1998				1999				2000				2001			
	Vol. (m <sup>3</sup> )	%Chng	%Prod	%World	Vol. (m <sup>3</sup> )	%Chng	%Prod	%World	Vol. (m <sup>3</sup> )	%Chng	%Prod	%World	Vol. (m <sup>3</sup> )	%Chng	%Prod	%World	Vol. (m <sup>3</sup> )	%Chng	%Prod	%World
Brazil	637000	-	75.0	8.7	637000	0.0	70.5	8.4	536000	-15.9	59.2	6.3	559000	4.3	57.5	5.9	559000	0.0	54.7	5.8
Indonesia	20000	-	2.4	0.3	20000	0.0	2.2	0.3	100000	400.0	11.0	1.2	120000	20.0	12.3	1.3	150000	25.0	14.7	1.5
Thailand	77000 <sup>1</sup>	-	9.1	1.1	115000 <sup>1</sup>	49.4	12.7	1.5	113000 <sup>1</sup>	-1.7	12.5	1.3	113000 <sup>1</sup>	0.0	11.6	1.2	135000 <sup>1</sup>	19.5	13.2	1.4
India	32700	-	3.8	0.4	48000	46.8	5.3	0.6	86000	79.2	9.5	1.0	83000	-3.5	8.5	0.9	83000	0.0	8.1	0.9
Ecuador	31000	-	3.6	0.4	31000	0.0	3.4	0.4	31000	0.0	3.4	0.4	31000	0.0	3.2	0.3	31000	0.0	3.0	0.3
Colombia	18000	-	2.1	0.2	18000	0.0	2.0	0.2	5000	-72.2	0.6	0.1	14000	180.0	1.4	0.1	12000	-14.3	1.2	0.1
Guatemala	5000 <sup>1</sup>	-	0.6	0.1	5000 <sup>1</sup>	0.0	0.6	0.1	5000 <sup>1</sup>	0.0	0.6	0.1	10000 <sup>1</sup>	188000.0	1.0	0.1	10000 <sup>1</sup>	0.0	1.0	0.1
Total Producers	849700 <sup>1</sup>	-	93.9	11.6	904000 <sup>1</sup>	6.4	94.1	11.9	906000 <sup>1</sup>	0.2	95.6	10.7	973000 <sup>1</sup>	7.4	93.1	10.3	1022000 <sup>1</sup>	5.0	93.7	10.5
World	7304300 <sup>1</sup>	-	-	-	7599524 <sup>1</sup>	4.0	-	-	8497382 <sup>1</sup>	11.8	-	-	9478512 <sup>1</sup>	11.5	-	-	9695145 <sup>1</sup>	2.3	-	-

**HARDBOARD - IMPORTS**

Country	1997				1998				1999				2000				2001			
	Vol. (m <sup>3</sup> )	%Chng	%Prod	%World	Vol. (m <sup>3</sup> )	%Chng	%Prod	%World	Vol. (m <sup>3</sup> )	%Chng	%Prod	%World	Vol. (m <sup>3</sup> )	%Chng	%Prod	%World	Vol. (m <sup>3</sup> )	%Chng	%Prod	%World
India	7500	-	10.8	0.3	7500	0.0	12.5	0.3	11000	46.7	13.7	0.4	3400	-69.1	6.3	0.1	11100	226.5	18.6	0.3
Peru	0	-	0.0	0.0	0	-	0.0	0.0	9000	-	11.2	0.3	10000	11.1	18.4	0.3	11000	10.0	18.4	0.3
Venezuela	2900	-	4.2	0.1	3800	31.0	6.3	0.1	5200	36.8	6.5	0.2	6500	25.0	11.9	0.2	6500	0.0	10.9	0.2
Indonesia	7000	-	10.1	0.3	7000	0.0	11.7	0.3	4900	-30.0	6.1	0.2	7200	46.9	13.2	0.2	6200	-13.9	10.4	0.2
Guatemala	1600	-	2.3	0.1	2500	56.3	4.2	0.1	5000	100.0	6.2	0.2	7700	54.0	14.2	0.2	5300	-31.2	8.9	0.2
Colombia	4700	-	6.8	0.2	2500	-46.8	4.2	0.1	5800	132.0	7.2	0.2	5400	-6.9	9.9	0.2	4500	-16.7	7.5	0.1
Total Producers	69200	-	27.5	3.1	60000	-13.3	34.7	2.3	80500	34.2	43.6	2.9	54400	-32.4	64.0	1.6	59700	9.7	67.2	1.8
World	2228205	-	-	-	2631527	18.1	-	-	2767041	5.1	-	-	3492179	26.2	-	-	3405400	-2.5	-	-

**BY VALUE**

Country	1997				1998				1999				2000				2001			
	Val. (1000\$)	%Chng	%Prod	%World	Val. (1000\$)	%Chng	%Prod	%World	Val. (1000\$)	%Chng	%Prod	%World	Val. (1000\$)	%Chng	%Prod	%World	Val. (1000\$)	%Chng	%Prod	%World
Peru	0	-	0.0	0.0	0	-	0.0	0.0	2524	-	12.2	0.3	3070	21.6	17.6	0.2	3261	6.2	17.1	0.3
India	2380	-	11.9	0.3	2380	0.0	14.1	0.2	3561	49.6	17.2	0.4	1089	-69.4	6.2	0.1	3196	193.5	16.8	0.3
Venezuela	1250	-	6.2	0.1	1415	13.2	8.4	0.1	1695	19.8	8.2	0.2	2348	38.5	13.5	0.2	2348	0.0	12.3	0.2
Indonesia	3267	-	16.3	0.3	3267	0.0	19.4	0.3	1567	-52.0	7.6	0.2	2381	51.9	13.7	0.2	2085	-12.4	11.0	0.2
Colombia	1712	-	8.5	0.2	895	-47.7	5.3	0.1	1683	88.0	8.1	0.2	1526	-9.3	8.8	0.1	1849	21.2	9.7	0.1
Guatemala	519	-	2.6	0.1	968	86.5	5.7	0.1	1867	92.9	9.0	0.2	2524	35.2	14.5	0.2	1663	-34.1	8.7	0.1
Total Producers	20044	-	43.0	2.1	16835	-16.0	47.3	1.6	20666	22.8	53.4	2.1	17429	-15.7	59.8	1.4	19021	9.1	67.0	1.5
World	938822	-	-	-	1038736	10.6	-	-	1005814	-3.2	-	-	1256935	25.0	-	-	1261083	0.3	-	-

**HARDBOARD - EXPORTS**

Country	1997				1998				1999				2000				2001			
	Vol. (m <sup>3</sup> )	%Chng	%Prod	%World	Vol. (m <sup>3</sup> )	%Chng	%Prod	%World	Vol. (m <sup>3</sup> )	%Chng	%Prod	%World	Vol. (m <sup>3</sup> )	%Chng	%Prod	%World	Vol. (m <sup>3</sup> )	%Chng	%Prod	%World
Brazil	262000	-	75.1	9.9	232000	-11.5	68.7	8.5	219000	-5.6	54.0	7.2	195000	-11.0	50.0	4.8	211000	8.2	46.2	4.9
Indonesia	9000	-	2.6	0.3	9000	0.0	2.7	0.3	90100	901.1	22.2	3.0	105200	16.8	27.0	2.6	132000	25.5	28.9	3.1
Thailand	71600	-	20.5	2.7	95000	32.7	28.1	3.5	93000	-2.1	22.9	3.0	82000	-11.8	21.0	2.0	105000	28.0	23.0	2.4
Colombia	2000	-	0.6	0.1	1200	-40.0	0.4	0.0	1800	50.0	0.4	0.1	5600	211.1	1.4	0.1	6400	14.3	1.4	0.1
Guatemala	0	-	0.0	0.0	0	-	0.0	0.0	0	-	0.0	0.0	1900	-	0.5	0.0	1900	0.0	0.4	0.0
Total Producers	349100	-	98.7	13.2	337600	-3.3	99.9	12.4	405300	20.1	99.7	13.3	390100	-3.8	99.4	9.7	456700	17.1	99.5	10.6
World	2640280	-	-	-	2730383	3.4	-	-	3053348	11.8	-	-	4039864	32.3	-	-	4291558	6.2	-	-

**BY VALUE**

Country	1997				1998				1999				2000				2001			
	Val. (1000\$)	%Chng	%Prod	%World	Val. (1000\$)	%Chng	%Prod	%World	Val. (1000\$)	%Chng	%Prod	%World	Val. (1000\$)	%Chng	%Prod	%World	Val. (1000\$)	%Chng	%Prod	%World
Brazil	78782	-	78.0	7.8	64827	-17.7	74.0	5.7	66348	2.3	60.8	5.4	57630	-13.1	57.1	3.9	58582	1.7	53.2	3.6
Indonesia	3128	-	3.1	0.3	3128	0.0	3.6	0.3	18082	478.1	16.6	1.5	22543	24.7	22.4	1.5	27140	20.4	24.7	1.7
Thailand	17654	-	17.5	1.7	19378	9.8	22.1	1.7	24002	23.9	22.0	2.0	19270	-19.7	19.1	1.3	22353	16.0	20.3	1.4
Colombia	478	-	0.5	0.0	275	-42.5	0.3	0.0	351	27.6	0.3	0.0	935	166.4	0.9	0.1	1480	58.3	1.3	0.1
Guatemala	0	-	0.0	0.0	0	-	0.0	0.0	0	-	0.0	0.0	385	-	0.4	0.0	385	0.0	0.3	0.0
Total Producers	100994	-	99.1	10.0	87654	-13.2	99.9	7.7	109187	24.6	99.6	8.9	100859	-7.6	99.5	6.8	110036	9.1	99.6	6.8
World	1012257	-	-	-	1145135	13.1	-	-	1222681	6.8	-	-	1476380	20.7	-	-	1620052	9.7	-	-

**Table 1-3. Production and Trade of Reconstituted Panels, Wood Pulp and Paper by Major ITTO Producers, 1997-2001**

**MDF - PRODUCTION**

Country	1997				1998				1999				2000				2001			
	Vol. (m <sup>3</sup> )	%Chng	%Prod	%World	Vol. (m <sup>3</sup> )	%Chng	%Prod	%World	Vol. (m <sup>3</sup> )	%Chng	%Prod	%World	Vol. (m <sup>3</sup> )	%Chng	%Prod	%World	Vol. (m <sup>3</sup> )	%Chng	%Prod	%World
Malaysia	700000	-	62.9	5.5	1000000	42.9	61.5	6.6	1107000 <sup>1</sup>	10.7	57.2	6.4	1282000 <sup>1</sup>	15.8	54.6	6.5	1388000 <sup>1</sup>	8.3	55.6	6.7
Thailand	81000	-	7.3	0.6	120000	48.1	7.4	0.8	195000	-	10.1	1.1	398000	104.1	17.0	2.0	442000 <sup>1</sup>	11.1	17.7	2.1
Brazil	250000 <sup>1</sup>	-	22.5	2.0	300000 <sup>1</sup>	-	18.5	2.0	357000	-	18.4	2.1	381000	6.7	16.2	1.9	381000	0.0	15.3	1.8
Indonesia	80000 <sup>1</sup>	-	7.2	0.6	140000 <sup>1</sup>	75.0	8.6	0.9	229000	63.6	11.8	1.3	229000	0.0	9.8	1.2	229000	0.0	9.2	1.1
India	0	-	0.0	0.0	61000	-	3.8	0.4	41000	-32.8	2.1	0.2	46000	12.2	2.0	0.2	46000	0.0	1.8	0.2
Colombia	1200 <sup>1</sup>	-	0.1	0.0	1000 <sup>1</sup>	-16.7	0.1	0.0	1500 <sup>1</sup>	50.0	0.1	0.0	3000 <sup>1</sup>	100.0	0.1	0.0	2500 <sup>1</sup>	-16.7	0.1	0.0
Total Producers	1112200 <sup>1</sup>	-	99.9	8.7	1626000 <sup>1</sup>	46.2	99.7	10.7	1935500 <sup>1</sup>	19.0	99.7	11.1	2346000 <sup>1</sup>	21.2	99.6	12.0	2497500 <sup>1</sup>	6.5	99.5	12.0
World	12760500 <sup>1</sup>	-	-	-	15155915 <sup>1</sup>	18.8	-	-	17393859 <sup>1</sup>	14.8	-	-	19615464 <sup>1</sup>	12.8	-	-	20744543 <sup>1</sup>	5.8	-	-

**MDF - IMPORTS**

BY VOLUME

Country	1997				1998				1999				2000				2001			
	Vol. (m <sup>3</sup> )	%Chng	%Prod	%World	Vol. (m <sup>3</sup> )	%Chng	%Prod	%World	Vol. (m <sup>3</sup> )	%Chng	%Prod	%World	Vol. (m <sup>3</sup> )	%Chng	%Prod	%World	Vol. (m <sup>3</sup> )	%Chng	%Prod	%World
Philippines	28000	-	19.3	2.4	22000	-21.4	14.0	1.7	35000	59.1	21.8	2.6	94400	169.7	35.4	5.9	79700	-15.6	33.3	4.6
Brazil	73400	-	50.5	6.3	73600	0.3	46.9	5.8	51000	-30.7	31.8	3.9	63000	23.5	23.6	3.9	40300	-36.0	16.9	2.3
India	2400	-	1.7	0.2	23400	875.0	14.9	1.9	24000	2.6	15.0	1.8	28500	18.8	10.7	1.8	32000	12.3	13.4	1.8
Indonesia	13400	-	9.2	1.1	4500	-66.4	2.9	0.4	4900	8.9	3.1	0.4	6200	26.5	2.3	0.4	18500	198.4	7.7	1.1
Malaysia	6000	-	4.1	0.5	10600	76.7	6.8	0.8	11400	7.5	7.1	0.9	17600	54.4	6.6	1.1	17600	0.0	7.4	1.0
Venezuela	5600	-	3.9	0.5	5400	-3.6	3.4	0.4	7800	44.4	4.9	0.6	16600	112.8	6.2	1.0	16600	0.0	6.9	0.9
Colombia	7500	-	5.2	0.6	9400	25.3	6.0	0.7	17100	81.9	10.7	1.3	21100	23.4	7.9	1.3	14700	-30.3	6.2	0.8
Total Producers	145307	-	84.8	12.4	156907	8.0	85.5	12.4	160507	2.3	78.7	12.1	267007	66.4	78.5	16.6	239007	-10.5	78.7	13.7
World	4586219	-	-	-	5076107	10.7	-	-	5943715	17.1	-	-	9345355	57.2	-	-	8977839	-3.9	-	-

BY VALUE

Country	1997				1998				1999				2000				2001			
	Val. (1000\$)	%Chng	%Prod	%World	Val. (1000\$)	%Chng	%Prod	%World	Val. (1000\$)	%Chng	%Prod	%World	Val. (1000\$)	%Chng	%Prod	%World	Val. (1000\$)	%Chng	%Prod	%World
Brazil	33759	-	51.5	2.9	30158	-10.7	49.7	2.4	12444	-58.7	24.0	0.9	16567	33.1	30.0	1.0	13583	-18.0	25.2	0.8
Philippines	11000	-	16.8	0.9	8000	-27.3	13.2	0.6	12563	57.0	24.2	1.0	14241	13.4	25.8	0.9	11713	-17.8	21.8	0.7
Colombia	2793	-	4.3	0.2	2972	6.4	4.9	0.2	4634	55.9	8.9	0.4	5777	24.7	10.5	0.4	6159	6.6	11.4	0.4
Venezuela	2331	-	3.6	0.2	1917	-17.8	3.2	0.2	2980	55.5	5.7	0.2	5637	89.2	10.2	0.4	5637	0.0	10.5	0.3
India	822	-	1.3	0.1	5707	594.3	9.4	0.5	5925	3.8	11.4	0.4	3122	-47.3	5.7	0.2	4617	47.9	8.6	0.3
Malaysia	5035	-	7.7	0.4	6392	27.0	10.5	0.5	8868	38.7	17.1	0.7	3864	-56.4	7.0	0.2	3864	0.0	7.2	0.2
Indonesia	5606	-	8.6	0.5	1929	-65.6	3.2	0.2	1020	-47.1	2.0	0.1	1262	23.7	2.3	0.1	3339	164.6	6.2	0.2
Total Producers	65524	-	77.4	5.6	60669	-7.4	80.4	4.8	51910	-14.4	74.3	3.9	55201	6.3	82.1	3.4	53802	-2.5	77.5	3.1
World	1170603	-	-	-	1260825	7.7	-	-	1321273	4.8	-	-	1609939	21.8	-	-	1750102	8.7	-	-

**MDF - EXPORTS**

BY VOLUME

Country	1997				1998				1999				2000				2001			
	Vol. (m <sup>3</sup> )	%Chng	%Prod	%World	Vol. (m <sup>3</sup> )	%Chng	%Prod	%World	Vol. (m <sup>3</sup> )	%Chng	%Prod	%World	Vol. (m <sup>3</sup> )	%Chng	%Prod	%World	Vol. (m <sup>3</sup> )	%Chng	%Prod	%World
Malaysia	590000	-	87.7	12.5	730000	23.7	82.1	13.2	872000	19.5	71.8	13.4	926597 <sup>1</sup>	6.3	64.8	12.6	1064800	14.9	66.3	13.5
Thailand	40000	-	5.9	0.8	89000	122.5	10.0	1.6	165000	85.4	13.6	2.5	340000	106.1	23.8	4.6	389000	14.4	24.2	4.9
Indonesia	42200	-	6.3	0.9	70500	67.1	7.9	1.3	160400	127.5	13.2	2.5	158000	-1.5	11.1	2.1	148000	-6.3	9.2	1.9
Brazil	300	-	0.0	0.0	0	-100.0	0.0	0.0	16000	-	1.3	0.2	3000	-81.3	0.2	0.0	3000	0.0	0.2	0.0
Colombia	200	-	0.0	0.0	100	-50.0	0.0	0.0	300	200.0	0.0	0.0	1600	433.3	0.1	0.0	1100	-31.3	0.1	0.0
Total Producers	672700	-	100.0	14.2	889600	32.2	100.0	16.1	1213700	36.4	100.0	18.7	1429197 <sup>1</sup>	17.8	100.0	19.4	1605900	12.4	100.0	20.3
World	4726028	-	-	-	5523358	16.9	-	-	6484021	17.4	-	-	7379674 <sup>1</sup>	13.8	-	-	7897899	7.0	-	-

BY VALUE

Country	1997				1998				1999				2000				2001			
	Val. (1000\$)	%Chng	%Prod	%World	Val. (1000\$)	%Chng	%Prod	%World	Val. (1000\$)	%Chng	%Prod	%World	Val. (1000\$)	%Chng	%Prod	%World	Val. (1000\$)	%Chng	%Prod	%World
Malaysia	152761	-	87.3	12.4	150669	-1.4	83.7	11.0	192188	27.6	76.7	12.5	216590 <sup>1</sup>	12.7	79.4	14.1	229803	6.1	79.7	14.9
Thailand	11067	-	6.3	0.9	16915	52.8	9.4	1.2	37395	121.1	14.9	2.4	38262	2.3	14.0	2.5	42561	11.2	14.8	2.8
Indonesia	10835	-	6.2	0.9	12304	13.6	6.8	0.9	17158	39.5	6.8	1.1	16272	-5.2	6.0	1.1	14488	-11.0	5.0	0.9
Colombia	95	-	0.1	0.0	98	3.2	0.1	0.0	295	201.0	0.1	0.0	1010	242.4	0.4	0.1	984	-2.6	0.3	0.1
Brazil	167	-	0.1	0.0	0	-100.0	0.0	0.0	3553	-	1.4	0.2	660	-81.4	0.2	0.0	660	0.0	0.2	0.0
Total Producers	174925	-	100.0	14.2	179986	2.9	100.0	13.2	250589	39.2	100.0	16.3	272794 <sup>1</sup>	8.9	100.0	17.8	288496	5.8	100.0	18.7
World	1236093	-	-	-	1366234	10.5	-	-	1536046	12.4	-	-	1532089 <sup>1</sup>	-0.3	-	-	1542471	0.7	-	-

**Table 1-3. Production and Trade of Reconstituted Panels, Wood Pulp and Paper by Major ITTO Producers, 1997-2001**

**INSULATING BOARD - PRODUCTION**

Country	1997				1998				1999				2000				2001			
	Vol. (m <sup>3</sup> )	%Chng	%Prod	%World	Vol. (m <sup>3</sup> )	%Chng	%Prod	%World	Vol. (m <sup>3</sup> )	%Chng	%Prod	%World	Vol. (m <sup>3</sup> )	%Chng	%Prod	%World	Vol. (m <sup>3</sup> )	%Chng	%Prod	%World
Indonesia	120000 <sup>1</sup>	-	56.1	2.4	100000 <sup>1</sup>	-16.7	51.5	1.8	178000	78.0	73.6	3.3	178000	0.0	73.6	3.2	178000	0.0	73.6	3.2
Brazil	61000	-	28.5	1.2	61000	0.0	31.4	1.1	61000	0.0	25.2	1.1	61000	0.0	25.2	1.1	61000	0.0	25.2	1.1
India	3000	-	1.4	0.1	3000	0.0	1.5	0.1	3000	0.0	1.2	0.1	3000	0.0	1.2	0.1	3000	0.0	1.2	0.1
Thailand	30000	-	14.0	0.6	30000	0.0	15.5	0.5	0	-100.0	0.0	0.0	0	-	0.0	0.0	0	-	0.0	0.0
Total Producers	214000 <sup>1</sup>	-	100.0	4.3	194000 <sup>1</sup>	-9.3	100.0	3.5	242000	24.7	100.0	4.5	242000	0.0	100.0	4.3	242000	0.0	100.0	4.3
World	4966000 <sup>1</sup>	-	-	-	5541300 <sup>1</sup>	11.6	-	-	5401500	-2.5	-	-	5570193	3.1	-	-	5608290	0.7	-	-

**INSULATING BOARD - IMPORTS**

BY VOLUME

Country	1997				1998				1999				2000				2001			
	Vol. (m <sup>3</sup> )	%Chng	%Prod	%World	Vol. (m <sup>3</sup> )	%Chng	%Prod	%World	Vol. (m <sup>3</sup> )	%Chng	%Prod	%World	Vol. (m <sup>3</sup> )	%Chng	%Prod	%World	Vol. (m <sup>3</sup> )	%Chng	%Prod	%World
Indonesia	9700	-	9.9	0.4	1400	-85.6	1.5	0.1	2500	78.6	3.3	0.1	15000	500.0	23.7	0.5	12700	-15.3	21.1	0.4
Malaysia	12000	-	12.2	0.5	12000	0.0	13.0	0.5	6000	-50.0	7.9	0.2	12300	105.0	19.5	0.4	12300	0.0	20.4	0.4
India	1600	-	1.6	0.1	5500	243.8	5.9	0.2	3900	-29.1	5.1	0.1	7000	79.5	11.1	0.2	9600	37.1	15.9	0.3
Thailand	8000	-	8.1	0.3	11000	37.5	11.9	0.4	12000	9.1	15.7	0.5	11000	-8.3	17.4	0.4	9000	-18.2	14.9	0.3
Philippines	44000	-	44.8	1.9	36000	-18.2	38.9	1.5	40000	11.1	52.5	1.5	8900	-77.8	14.1	0.3	6100	-31.5	10.1	0.2
Venezuela	200	-	0.2	0.0	800	300.0	0.9	0.0	2100	162.5	2.8	0.1	3400	61.9	5.4	0.1	3400	0.0	5.6	0.1
Panama	700	-	0.7	0.0	1500	114.3	1.6	0.1	1500	0.0	2.0	0.1	1600	6.7	2.5	0.1	2500	56.3	4.2	0.1
Total Producers	98252	-	76.6	4.2	92603	-5.7	71.2	3.8	76203	-17.7	84.5	2.9	63203	-17.1	85.8	2.0	60203	-4.7	82.6	1.9
World	2312041	-	-	-	2455956	6.2	-	-	2650077	7.9	-	-	3111512	17.4	-	-	3201572	2.9	-	-

BY VALUE

Country	1997				1998				1999				2000				2001			
	Val. (1000\$)	%Chng	%Prod	%World	Val. (1000\$)	%Chng	%Prod	%World	Val. (1000\$)	%Chng	%Prod	%World	Val. (1000\$)	%Chng	%Prod	%World	Val. (1000\$)	%Chng	%Prod	%World
Malaysia	2407	-	16.6	0.8	2407	0.0	15.4	0.7	178	-92.6	1.9	0.1	3104	1643.8	28.5	0.8	3104	0.0	27.8	0.9
Panama	107	-	0.7	0.0	1085	914.0	6.9	0.3	1099	1.3	11.5	0.3	1127	2.5	10.3	0.3	1682	49.2	15.1	0.5
Indonesia	1108	-	7.6	0.4	290	-73.8	1.9	0.1	324	11.7	3.4	0.1	1227	278.7	11.3	0.3	1381	12.6	12.4	0.4
Venezuela	76	-	0.5	0.0	361	375.0	2.3	0.1	1060	193.6	11.1	0.3	1366	28.9	12.5	0.4	1366	0.0	12.2	0.4
Thailand	1351	-	9.3	0.5	1295	-4.1	8.3	0.4	1456	12.4	15.2	0.4	1519	4.3	13.9	0.4	1251	-17.6	11.2	0.4
Philippines	2910	-	20.0	1.0	2634	-9.5	16.8	0.8	3041	15.5	31.7	0.9	931	-69.4	8.5	0.3	652	-30.0	5.8	0.2
India	246	-	1.7	0.1	656	166.7	4.2	0.2	356	-45.7	3.7	0.1	466	30.9	4.3	0.1	449	-3.6	4.0	0.1
Total Producers	14518	-	34.8	5.1	15672	7.9	34.7	4.8	9580	-38.9	43.0	2.7	10905	13.8	76.5	3.0	11163	2.4	78.7	3.2
World	285826	-	-	-	328717	15.0	-	-	351215	6.8	-	-	367565	4.7	-	-	351423	-4.4	-	-

**INSULATING BOARD - EXPORTS**

BY VOLUME

Country	1997				1998				1999				2000				2001			
	Vol. (m <sup>3</sup> )	%Chng	%Prod	%World	Vol. (m <sup>3</sup> )	%Chng	%Prod	%World	Vol. (m <sup>3</sup> )	%Chng	%Prod	%World	Vol. (m <sup>3</sup> )	%Chng	%Prod	%World	Vol. (m <sup>3</sup> )	%Chng	%Prod	%World
Thailand	25800	-	17.3	2.0	10000	-61.2	13.4	0.8	23000	130.0	55.7	2.0	11000	-	43.0	0.7	22000	-	69.2	1.3
Indonesia	91000	-	61.2	7.2	34000	-62.6	45.6	2.8	17300	-49.1	41.9	1.5	14100	-18.5	55.1	0.9	5000	-64.5	15.7	0.3
India	2000	-	1.3	0.2	600	-70.0	0.8	0.0	1000	66.7	2.4	0.1	500	-50.0	2.0	0.0	4800	860.0	15.1	0.3
Brazil	30000	-	20.2	2.4	30000	0.0	40.2	2.5	0	-100.0	0.0	0.0	0	-	0.0	0.0	0	-	0.0	0.0
Total Producers	143800	-	100.0	11.7	74600	-49.9	100.0	6.2	41300	-44.6	100.0	3.6	25600	-38.0	100.0	1.7	31800	24.2	100.0	1.9
World	1269387	-	-	-	1207890	-4.8	-	-	1156909	-4.2	-	-	1542414	33.3	-	-	1633903	5.9	-	-

BY VALUE

Country	1997				1998				1999				2000				2001			
	Val. (1000\$)	%Chng	%Prod	%World	Val. (1000\$)	%Chng	%Prod	%World	Val. (1000\$)	%Chng	%Prod	%World	Val. (1000\$)	%Chng	%Prod	%World	Val. (1000\$)	%Chng	%Prod	%World
Thailand	1757	-	15.9	0.7	681	-61.2	10.4	0.2	785	15.3	34.8	0.4	793	-	56.0	0.4	1018	-	41.6	0.5
India	117	-	1.1	0.0	112	-4.3	1.7	0.0	177	58.0	7.9	0.1	49	-72.3	3.5	0.0	818	1569.4	33.4	0.4
Indonesia	6166	-	55.8	2.6	2778	-54.9	42.3	1.0	1292	-53.5	57.3	0.6	573	-55.7	40.5	0.3	614	7.2	25.1	0.3
Brazil	3018	-	27.3	1.3	3000	-0.6	45.7	1.0	0	-100.0	0.0	0.0	0	-	0.0	0.0	0	-	0.0	0.0
Total Producers	11058	-	100.0	4.6	6571	-40.6	100.0	2.3	2254	-65.7	100.0	1.0	1415	-37.2	100.0	0.6	2450	73.1	100.0	1.1
World	240897	-	-	-	288486	19.8	-	-	223731	-22.4	-	-	222739	-0.4	-	-	215561	-3.2	-	-

**Table 1-3. Production and Trade of Reconstituted Panels, Wood Pulp and Paper by Major ITTO Producers, 1997-2001**

**WOOD PULP - PRODUCTION**

Country	1997				1998				1999				2000				2001			
	Weight (mt)	%Chng	%Prod	%World	Weight (mt)	%Chng	%Prod	%World	Weight (mt)	%Chng	%Prod	%World	Weight (mt)	%Chng	%Prod	%World	Weight (mt)	%Chng	%Prod	%World
Brazil	6421000	-	52.6	3.9	6774000	5.5	52.5	4.2	7113000	5.0	50.8	4.3	7338000	3.2	49.5	4.3	7436000	1.3	44.4	4.5
Indonesia	2990000 <sup>1</sup>	-	24.5	1.8	3088000 <sup>1</sup>	3.3	24.0	1.9	3435000 <sup>1</sup>	11.2	24.6	2.1	3920000 <sup>1</sup>	14.1	26.4	2.3	5514000 <sup>1</sup>	40.7	32.9	3.3
India	1448200 <sup>1</sup>	-	11.9	0.9	1498200 <sup>1</sup>	3.5	11.6	0.9	1558200 <sup>1</sup>	4.0	11.1	0.9	1590300 <sup>1</sup>	2.1	10.7	0.9	1590300 <sup>1</sup>	0.0	9.5	1.0
Thailand	645000 <sup>1</sup>	-	5.3	0.4	1047200 <sup>1</sup>	62.4	8.1	0.6	1124200 <sup>1</sup>	7.4	8.0	0.7	1158300 <sup>1</sup>	3.0	7.8	0.7	1364200 <sup>1</sup>	17.8	8.1	0.8
Venezuela	195000 <sup>1</sup>	-	1.6	0.1	197000 <sup>1</sup>	1.0	1.5	0.1	205000 <sup>1</sup>	4.1	1.5	0.1	346000	68.8	2.3	0.2	348000	0.6	2.1	0.2
Philippines	122000	-	1.0	0.1	122000	0.0	0.9	0.1	173000	41.8	1.2	0.1	175000	1.2	1.2	0.1	175000	0.0	1.0	0.1
Total Producers	12210400 <sup>1</sup>	-	95.8	7.5	12893400 <sup>1</sup>	5.6	97.8	8.0	13990400 <sup>1</sup>	8.5	96.0	8.4	14830700 <sup>1</sup>	6.0	96.8	8.6	16756700 <sup>1</sup>	13.0	97.0	10.1
World	163027200 <sup>1</sup>	-	-	-	161575048 <sup>1</sup>	-0.9	-	-	165854886 <sup>1</sup>	2.6	-	-	172017111 <sup>1</sup>	3.7	-	-	166726340 <sup>1</sup>	-3.1	-	-

**WOOD PULP - IMPORTS**

Country	1997				1998				1999				2000				2001			
	Weight (mt)	%Chng	%Prod	%World	Weight (mt)	%Chng	%Prod	%World	Weight (mt)	%Chng	%Prod	%World	Weight (mt)	%Chng	%Prod	%World	Weight (mt)	%Chng	%Prod	%World
Indonesia	963600	-	39.7	2.8	837400	-13.1	37.5	2.4	957100	14.3	39.7	2.6	970500	1.4	40.7	2.6	786600	-18.9	37.1	2.0
Thailand	399800	-	16.5	1.2	318000	-20.5	14.3	0.9	423000	33.0	17.6	1.2	410000	-3.1	17.2	1.1	385000	-6.1	18.2	1.0
Brazil	277300	-	11.4	0.8	319800	15.3	14.3	0.9	340000	6.3	14.1	0.9	347500	2.2	14.6	0.9	316100	-9.0	14.9	0.8
India	296500	-	12.2	0.9	305500	3.0	13.7	0.9	250200	-18.1	10.4	0.7	166400	-33.5	7.0	0.4	212500	27.7	10.0	0.5
Venezuela	178200	-	7.3	0.5	149670	-16.0	6.7	0.4	147200	-1.7	6.1	0.4	134400	-8.7	5.6	0.4	134400	0.0	6.3	0.3
Total Producers	2428353	-	87.1	7.1	2230953	-8.1	86.5	6.4	2408930	8.0	87.9	6.6	2382230	-1.1	85.2	6.3	2118430	-11.1	86.6	5.4
World	34268492	-	-	-	34823423	1.6	-	-	36702691	5.4	-	-	37965371	3.4	-	-	39009000	2.7	-	-

**BY VALUE**

Country	1997				1998				1999				2000				2001			
	Val. (1000\$)	%Chng	%Prod	%World	Val. (1000\$)	%Chng	%Prod	%World	Val. (1000\$)	%Chng	%Prod	%World	Val. (1000\$)	%Chng	%Prod	%World	Val. (1000\$)	%Chng	%Prod	%World
Indonesia	461486	-	39.2	2.8	411055	-10.9	38.3	2.5	448862	9.2	38.7	2.6	643409	43.3	42.6	2.9	403200	-37.3	36.7	2.2
Thailand	211650	-	18.0	1.3	167574	-20.8	15.6	1.0	205569	22.7	17.7	1.2	265305	29.1	17.6	1.2	187911	-29.2	17.1	1.0
Brazil	139778	-	11.9	0.8	160038	14.5	14.9	1.0	167989	5.0	14.5	1.0	230061	37.0	15.2	1.0	165720	-28.0	15.1	0.9
India	121858	-	10.3	0.7	114866	-5.7	10.7	0.7	111254	-3.1	9.6	0.7	97054	-12.8	6.4	0.4	90386	-6.9	8.2	0.5
Venezuela	84349	-	7.2	0.5	66107	-21.6	6.2	0.4	71050	7.5	6.1	0.4	87151	22.7	5.8	0.4	87151	0.0	7.9	0.5
Total Producers	1178175	-	86.5	7.1	1073087	-8.9	85.7	6.6	1158380	7.9	86.7	6.8	1511286	30.5	87.5	6.7	1098258	-27.3	85.1	6.1
World	16699046	-	-	-	16170724	-3.2	-	-	17051818	5.4	-	-	22546449	32.2	-	-	17935826	-20.4	-	-

**WOOD PULP - EXPORTS**

Country	1997				1998				1999				2000				2001			
	Weight (mt)	%Chng	%Prod	%World	Weight (mt)	%Chng	%Prod	%World	Weight (mt)	%Chng	%Prod	%World	Weight (mt)	%Chng	%Prod	%World	Weight (mt)	%Chng	%Prod	%World
Brazil	2502700	-	64.0	7.5	2802800	12.0	60.0	8.4	3109200	10.9	68.6	8.8	3011200	-3.2	65.0	8.3	3333200	10.7	61.7	9.1
Indonesia	1304700 <sup>1</sup>	-	33.4	3.9	1654600	26.8	35.4	5.0	1195900	-27.7	26.4	3.4	1356300	13.4	29.3	3.7	1699300	25.3	31.5	4.7
Thailand	102600	-	2.6	0.3	214000	108.6	4.6	0.6	227000	6.1	5.0	0.6	250000	10.1	5.4	0.7	341000	36.4	6.3	0.9
India	1500	-	0.0	0.0	100	-93.3	0.0	0.0	1200	1100.0	0.0	0.0	16000	1233.3	0.3	0.0	25000	56.3	0.5	0.1
Philippines	300	-	0.0	0.0	100	-66.7	0.0	0.0	80	-20.0	0.0	0.0	100	25.0	0.0	0.0	300	200.0	0.0	0.0
Total Producers	3912000	-	100.0	11.8	4671800	19.4	100.0	14.1	4533580	-3.0	100.0	12.9	4633800	2.2	100.0	12.8	5398700	16.5	100.0	14.8
World	33151434	-	-	-	33237941	0.3	-	-	35173606	5.8	-	-	36241532	3.0	-	-	36524925	0.8	-	-

**BY VALUE**

Country	1997				1998				1999				2000				2001			
	Val. (1000\$)	%Chng	%Prod	%World	Val. (1000\$)	%Chng	%Prod	%World	Val. (1000\$)	%Chng	%Prod	%World	Val. (1000\$)	%Chng	%Prod	%World	Val. (1000\$)	%Chng	%Prod	%World
Brazil	1022907	-	62.7	6.4	1048899	2.5	57.9	7.0	1240973	18.3	67.5	7.8	1601567	29.1	63.9	7.6	1245903	-22.2	63.8	7.7
Indonesia	532515	-	32.6	3.4	689375	29.5	38.0	4.6	487981	-29.2	26.5	3.1	724225	48.4	28.9	3.4	563254	-22.2	28.9	3.5
Thailand	45449	-	2.8	0.3	74594	64.1	4.1	0.5	109382	46.6	5.9	0.7	170925	56.3	6.8	0.8	127889	-25.2	6.6	0.8
India	596	-	0.0	0.0	52	-91.3	0.0	0.0	612	1076.9	0.0	0.0	11140	1720.3	0.4	0.1	14258	28.0	0.7	0.1
Philippines	160	-	0.0	0.0	174	8.8	0.0	0.0	49	-71.8	0.0	0.0	132	169.4	0.0	0.0	197	49.2	0.0	0.0
Total Producers	1631702	-	98.2	10.3	1813094	11.1	100.0	12.1	1838997	1.4	100.0	11.5	2508066	36.4	100.0	11.8	1951501	-22.2	100.0	12.1
World	15885150	-	-	-	14992154	-5.6	-	-	15943371	6.3	-	-	21206199	33.0	-	-	16080922	-24.2	-	-

**Table 1-3. Production and Trade of Reconstituted Panels, Wood Pulp and Paper by Major ITTO Producers, 1997-2001**

**MECHANICAL WOOD PULP - PRODUCTION**

Country	1997				1998				1999				2000				2001			
	Weight (mt)	%Chng	%Prod	%World	Weight (mt)	%Chng	%Prod	%World	Weight (mt)	%Chng	%Prod	%World	Weight (mt)	%Chng	%Prod	%World	Weight (mt)	%Chng	%Prod	%World
Brazil	443000	-	50.6	1.2	466000	5.2	51.8	1.3	444000	-4.7	50.6	1.3	502000	13.1	53.7	1.3	460000	-8.4	51.6	1.3
India	223000	-	25.5	0.6	223000	0.0	24.8	0.6	223000	0.0	25.4	0.6	223000	0.0	23.8	0.6	223000	0.0	25.0	0.6
Venezuela	173000 <sup>1</sup>	-	19.7	0.5	173000 <sup>1</sup>	0.0	19.2	0.5	173000 <sup>1</sup>	0.0	19.7	0.5	173000	0.0	18.5	0.5	172000	-0.6	19.3	0.5
Philippines	28000	-	3.2	0.1	28000	0.0	3.1	0.1	28000	0.0	3.2	0.1	28000	0.0	3.0	0.1	28000	0.0	3.1	0.1
Honduras	4000 <sup>1</sup>	-	0.5	0.0	4000	0.0	0.4	0.0	4000	0.0	0.5	0.0	4000	0.0	0.4	0.0	4000	0.0	0.4	0.0
Indonesia	3000 <sup>1</sup>	-	0.3	0.0	3000 <sup>1</sup>	0.0	0.3	0.0	3000 <sup>1</sup>	0.0	0.3	0.0	3000 <sup>1</sup>	0.0	0.3	0.0	3000 <sup>1</sup>	0.0	0.3	0.0
Total Producers	876200 <sup>1</sup>	-	99.4	2.5	899200 <sup>1</sup>	2.6	99.4	2.6	877200 <sup>1</sup>	-2.4	99.4	2.5	935200 <sup>1</sup>	6.6	99.4	2.5	892200 <sup>1</sup>	-4.6	99.4	2.5
World	35581400 <sup>1</sup>	-	-	-	34686074 <sup>1</sup>	-2.5	-	-	35241770 <sup>1</sup>	1.6	-	-	37685032 <sup>1</sup>	6.9	-	-	36058242 <sup>1</sup>	-4.3	-	-

**MECHANICAL WOOD PULP - IMPORTS**

Country	1997				1998				1999				2000				2001			
	Weight (mt)	%Chng	%Prod	%World	Weight (mt)	%Chng	%Prod	%World	Weight (mt)	%Chng	%Prod	%World	Weight (mt)	%Chng	%Prod	%World	Weight (mt)	%Chng	%Prod	%World
Indonesia	56200	-	78.5	4.3	166000	195.4	84.9	11.4	93000	-44.0	89.9	6.7	114000	22.6	88.6	7.9	71000	-37.7	81.5	5.0
India	2100	-	2.9	0.2	23300	1009.5	11.9	1.6	5200	-77.7	5.0	0.4	4500	-13.5	3.5	0.3	11100	146.7	12.7	0.8
Philippines	3100	-	4.3	0.2	1100	-64.5	0.6	0.1	1100	0.0	1.1	0.1	5000	354.5	3.9	0.3	2500	-50.0	2.9	0.2
Thailand	6600	-	9.2	0.5	3000	-54.5	1.5	0.2	3000	0.0	2.9	0.2	3000	0.0	2.3	0.2	1000	-66.7	1.1	0.1
Ecuador	0	-	0.0	0.0	900	-	0.5	0.1	900	0.0	0.9	0.1	900	0.0	0.7	0.1	900	0.0	1.0	0.1
Total Producers	71600	-	95.0	5.5	195600	173.2	99.3	13.5	103500	-47.1	99.7	7.5	128700	24.3	99.0	8.9	87100	-32.3	99.3	6.1
World	1302207	-	-	-	1453573	11.6	-	-	1387849	-4.5	-	-	1449061	4.4	-	-	1425881	-1.6	-	-

**BY VALUE**

Country	1997				1998				1999				2000				2001			
	Val. (1000\$)	%Chng	%Prod	%World	Val. (1000\$)	%Chng	%Prod	%World	Val. (1000\$)	%Chng	%Prod	%World	Val. (1000\$)	%Chng	%Prod	%World	Val. (1000\$)	%Chng	%Prod	%World
Indonesia	20345	-	70.7	4.3	63866	213.9	87.0	13.0	34279	-46.3	86.7	7.3	63891	86.4	90.3	11.4	31164	-51.2	83.8	6.2
India	620	-	2.2	0.1	5991	866.3	8.2	1.2	1986	-66.9	5.0	0.4	1755	-11.6	2.5	0.3	3427	95.3	9.2	0.7
Philippines	3788	-	13.2	0.8	1464	-61.4	2.0	0.3	1464	0.0	3.7	0.3	2863	95.6	4.0	0.5	1567	-45.3	4.2	0.3
Thailand	2624	-	9.1	0.6	1233	-53.0	1.7	0.3	1325	7.5	3.4	0.3	1325	0.0	1.9	0.2	392	-70.4	1.1	0.1
Ecuador	0	-	0.0	0.0	350	-	0.5	0.1	350	0.0	0.9	0.1	350	0.0	0.5	0.1	350	0.0	0.9	0.1
Total Producers	28778	-	95.1	6.1	73380	155.0	99.4	14.9	39521	-46.1	99.7	8.4	70767	79.1	99.2	12.6	37200	-47.4	99.2	7.4
World	468051	-	-	-	492957	5.3	-	-	472158	-4.2	-	-	561707	19.0	-	-	502163	-10.6	-	-

**MECHANICAL WOOD PULP - EXPORTS**

Country	1997				1998				1999				2000				2001			
	Weight (mt)	%Chng	%Prod	%World	Weight (mt)	%Chng	%Prod	%World	Weight (mt)	%Chng	%Prod	%World	Weight (mt)	%Chng	%Prod	%World	Weight (mt)	%Chng	%Prod	%World
Brazil	3400	-	85.0	0.3	900	-73.5	69.2	0.1	700	-22.2	63.6	0.1	700	0.0	70.0	0.1	200	-71.4	50.0	0.0
Indonesia	400	-	10.0	0.0	200	-50.0	15.4	0.0	200	0.0	18.2	0.0	100	-50.0	10.0	0.0	200	100.0	50.0	0.0
Honduras	200	-	5.0	0.0	200	0.0	15.4	0.0	200	0.0	18.2	0.0	200	0.0	20.0	0.0	0	-100.0	0.0	0.0
Total Producers	4000	-	100.0	0.4	1300	-67.5	100.0	0.1	1100	-15.4	100.0	0.1	1000	-9.1	100.0	0.1	400	-60.0	100.0	0.0
World	1089052	-	-	-	1065714	-2.1	-	-	1088395	2.1	-	-	1178474	8.3	-	-	1160393	-1.5	-	-

**BY VALUE**

Country	1997				1998				1999				2000				2001			
	Val. (1000\$)	%Chng	%Prod	%World	Val. (1000\$)	%Chng	%Prod	%World	Val. (1000\$)	%Chng	%Prod	%World	Val. (1000\$)	%Chng	%Prod	%World	Val. (1000\$)	%Chng	%Prod	%World
Indonesia	107	-	11.0	0.0	174	62.6	31.4	0.1	174	0.0	50.4	0.1	120	-31.0	41.2	0.0	270	125.0	90.3	0.1
Brazil	789	-	81.1	0.2	303	-61.6	54.7	0.1	94	-69.0	27.2	0.0	94	0.0	32.3	0.0	29	-69.1	9.7	0.0
Honduras	77	-	7.9	0.0	77	0.0	13.9	0.0	77	0.0	22.3	0.0	77	0.0	26.5	0.0	0	-100.0	0.0	0.0
Total Producers	973	-	100.0	0.3	554	-43.1	100.0	0.2	345	-37.7	100.0	0.1	291	-15.7	100.0	0.1	299	2.7	100.0	0.1
World	347597	-	-	-	297385	-14.4	-	-	305207	2.6	-	-	393487	28.9	-	-	334393	-15.0	-	-

**Table 1-3. Production and Trade of Reconstituted Panels, Wood Pulp and Paper by Major ITTO Producers, 1997-2001**

**DISSOLVING WOOD PULP - PRODUCTION**

Country	1997				1998				1999				2000				2001			
	Weight (mt)	%Chng	%Prod	%World	Weight (mt)	%Chng	%Prod	%World	Weight (mt)	%Chng	%Prod	%World	Weight (mt)	%Chng	%Prod	%World	Weight (mt)	%Chng	%Prod	%World
India	255000	-	58.5	7.5	255000	0.0	61.2	8.6	255000	0.0	65.9	8.9	255000	0.0	69.5	9.4	255000	0.0	63.9	9.8
Brazil	156000	-	35.8	4.6	134000	-14.1	32.1	4.5	104000	-22.4	26.9	3.6	101000	-2.9	27.5	3.7	135000	33.7	33.8	5.2
Indonesia	25000 <sup>1</sup>	-	5.7	0.7	27000 <sup>1</sup>	-	6.5	0.9	27000 <sup>1</sup>	0.0	7.0	0.9	10000 <sup>1</sup>	-63.0	2.7	0.4	8000 <sup>1</sup>	-20.0	2.0	0.3
Honduras	0	-	0.0	0.0	1000	-	0.2	0.0	1000	0.0	0.3	0.0	1000	0.0	0.3	0.0	1000	0.0	0.3	0.0
Total Producers	436000 <sup>1</sup>	-	100.0	12.8	417000 <sup>1</sup>	-4.4	100.0	14.1	387000 <sup>1</sup>	-7.2	100.0	13.4	367000 <sup>1</sup>	-5.2	100.0	13.5	399000 <sup>1</sup>	8.7	100.0	15.3
World	3406000 <sup>1</sup>	-	-	-	2961400 <sup>1</sup>	-13.1	-	-	2879300 <sup>1</sup>	-2.8	-	-	2719208 <sup>1</sup>	-5.6	-	-	2614884 <sup>1</sup>	-3.8	-	-

**DISSOLVING WOOD PULP - IMPORTS**

BY WEIGHT

Country	1997				1998				1999				2000				2001			
	Weight (mt)	%Chng	%Prod	%World	Weight (mt)	%Chng	%Prod	%World	Weight (mt)	%Chng	%Prod	%World	Weight (mt)	%Chng	%Prod	%World	Weight (mt)	%Chng	%Prod	%World
Indonesia	170000	-	57.2	10.4	224700	32.2	61.4	13.9	201900	-10.1	57.1	12.4	220300	9.1	67.3	13.0	225800	2.5	68.2	12.7
Thailand	63500	-	21.4	3.9	74000	16.5	20.2	4.6	70000	-5.4	19.8	4.3	67000	-4.3	20.5	3.9	74000	10.4	22.4	4.2
Brazil	16000	-	5.4	1.0	14000	-12.5	3.8	0.9	11000	-21.4	3.1	0.7	13000	18.2	4.0	0.8	20300	56.2	6.1	1.1
India	35600	-	12.0	2.2	47200	32.6	12.9	2.9	66000	39.8	18.7	4.1	23200	-64.8	7.1	1.4	7500	-67.7	2.3	0.4
Colombia	2900	-	1.0	0.2	1300	-55.2	0.4	0.1	900	-30.8	0.3	0.1	2700	200.0	0.8	0.2	2400	-11.1	0.7	0.1
Total Producers	297100	-	96.9	18.2	365700	23.1	98.8	22.6	353800	-3.3	98.9	21.8	327100	-7.5	99.7	19.3	330900	1.2	99.7	18.6
World	1629223	-	-	-	1617938	-0.7	-	-	1624755	0.4	-	-	1696727	4.4	-	-	1781229	5.0	-	-

BY VALUE

Country	1997				1998				1999				2000				2001			
	Val. (1000\$)	%Chng	%Prod	%World	Val. (1000\$)	%Chng	%Prod	%World	Val. (1000\$)	%Chng	%Prod	%World	Val. (1000\$)	%Chng	%Prod	%World	Val. (1000\$)	%Chng	%Prod	%World
Indonesia	109485	-	55.2	9.3	138732	26.7	59.1	12.1	113407	-18.3	56.9	10.4	148228	30.7	65.2	12.2	148647	0.3	69.8	12.1
Thailand	47380	-	23.9	4.0	51480	8.7	21.9	4.5	40451	-21.4	20.3	3.7	49432	22.2	21.7	4.1	42280	-14.5	19.9	3.4
Brazil	14596	-	7.4	1.2	11248	-22.9	4.8	1.0	8976	-20.2	4.5	0.8	9407	4.8	4.1	0.8	14936	58.8	7.0	1.2
India	21009	-	10.6	1.8	29489	40.4	12.6	2.6	33261	12.8	16.7	3.1	18634	-44.0	8.2	1.5	5105	-72.6	2.4	0.4
Colombia	1841	-	0.9	0.2	1382	-24.9	0.6	0.1	999	-27.7	0.5	0.1	1047	4.8	0.5	0.1	1307	24.8	0.6	0.1
Total Producers	198325	-	98.0	16.9	234924	18.5	98.9	20.4	199164	-15.2	99.0	18.3	227354	14.2	99.7	18.7	212881	-6.4	99.7	17.4
World	1174383	-	-	-	1149410	-2.1	-	-	1089486	-5.2	-	-	1218138	11.8	-	-	1226440	0.7	-	-

**DISSOLVING WOOD PULP - EXPORTS**

BY WEIGHT

Country	1997				1998				1999				2000				2001			
	Weight (mt)	%Chng	%Prod	%World	Weight (mt)	%Chng	%Prod	%World	Weight (mt)	%Chng	%Prod	%World	Weight (mt)	%Chng	%Prod	%World	Weight (mt)	%Chng	%Prod	%World
Brazil	115600	-	85.3	7.0	103400	-10.6	82.9	6.5	95000	-8.1	81.6	5.5	94000	-1.1	95.7	5.5	79400	-15.5	97.7	4.9
Indonesia	20000 <sup>1</sup>	-	14.7	1.2	21400	-	17.1	1.3	21400	0.0	18.4	1.2	4200	-80.4	4.3	0.2	1900	-54.8	2.3	0.1
Total Producers	135600 <sup>1</sup>	-	100.0	8.2	124800	-8.0	100.0	7.8	116400	-6.7	100.0	6.8	98200	-15.6	100.0	5.8	81300	-17.2	100.0	5.0
World	1649795 <sup>1</sup>	-	-	-	1593233	-3.4	-	-	1716377	7.7	-	-	1694737	-1.3	-	-	1610549	-5.0	-	-

BY VALUE

Country	1997				1998				1999				2000				2001			
	Val. (1000\$)	%Chng	%Prod	%World	Val. (1000\$)	%Chng	%Prod	%World	Val. (1000\$)	%Chng	%Prod	%World	Val. (1000\$)	%Chng	%Prod	%World	Val. (1000\$)	%Chng	%Prod	%World
Brazil	63621	-	80.9	5.2	55812	-12.3	79.6	4.9	50437	-9.6	77.4	4.7	63533	26.0	95.9	5.5	45062	-29.1	98.4	4.4
Indonesia	15000 <sup>1</sup>	-	19.1	1.2	14262	-4.9	20.4	1.2	14762	3.5	22.6	1.4	2718	-81.6	4.1	0.2	735	-73.0	1.6	0.1
Total Producers	78621 <sup>1</sup>	-	100.0	6.4	70074	-10.9	100.0	6.1	65199	-7.0	100.0	6.0	66251	1.6	100.0	5.8	45797	-30.9	100.0	4.5
World	1230587 <sup>1</sup>	-	-	-	1149816	-6.6	-	-	1080644	-6.0	-	-	1147949	6.2	-	-	1024616	-10.7	-	-

**Table 1-3. Production and Trade of Reconstituted Panels, Wood Pulp and Paper by Major ITTO Producers, 1997-2001**

**SEMI-CHEMICAL WOOD PULP - PRODUCTION**

Country	1997				1998				1999				2000				2001			
	Weight (mt)	%Chng	%Prod	%World	Weight (mt)	%Chng	%Prod	%World	Weight (mt)	%Chng	%Prod	%World	Weight (mt)	%Chng	%Prod	%World	Weight (mt)	%Chng	%Prod	%World
Indonesia	216000	-	60.3	3.3	220000 <sup>1</sup>	1.9	61.1	3.4	240000 <sup>1</sup>	-	57.8	3.0	260000	-	59.0	3.1	277000	-	61.3	3.3
Thailand	56000 <sup>1</sup>	-	15.6	0.8	55000	-1.8	15.3	0.8	55000 <sup>1</sup>	0.0	13.3	0.7	55000 <sup>1</sup>	-	12.5	0.6	55000 <sup>1</sup>	0.0	12.2	0.7
Venezuela	22000	-	6.1	0.3	24000	9.1	6.7	0.4	32000	33.3	7.7	0.4	33000	3.1	7.5	0.4	48000	45.5	10.6	0.6
Colombia	37000	-	10.3	0.6	34000	-8.1	9.4	0.5	44000	29.4	10.6	0.6	47000	6.8	10.7	0.6	45000	-4.3	10.0	0.5
Brazil	27000	-	7.5	0.4	27000	0.0	7.5	0.4	44000	63.0	10.6	0.6	46000	4.5	10.4	0.5	27000	-	6.0	0.3
Total Producers	358000 <sup>1</sup>	-	100.0	5.4	360000 <sup>1</sup>	0.6	100.0	5.5	415000 <sup>1</sup>	15.3	100.0	5.2	441000 <sup>1</sup>	6.3	100.0	5.2	452000 <sup>1</sup>	2.5	100.0	5.4
World	6633900 <sup>1</sup>	-	-	-	6507848 <sup>1</sup>	-1.9	-	-	8000000 <sup>1</sup>	22.9	-	-	8503397 <sup>1</sup>	6.3	-	-	8388953 <sup>1</sup>	-1.3	-	-

**SEMI-CHEMICAL WOOD PULP - IMPORTS**

BY WEIGHT

Country	1997				1998				1999				2000				2001			
	Weight (mt)	%Chng	%Prod	%World	Weight (mt)	%Chng	%Prod	%World	Weight (mt)	%Chng	%Prod	%World	Weight (mt)	%Chng	%Prod	%World	Weight (mt)	%Chng	%Prod	%World
Indonesia	76000	-	64.8	6.2	38500	-49.3	42.3	3.4	47000	22.1	50.2	3.8	55200	17.4	64.9	4.0	70900	28.4	56.2	4.8
India	37600	-	32.1	3.1	46000	22.3	50.5	4.0	38000	-17.4	40.6	3.1	20400	-46.3	24.0	1.5	44800	119.6	35.5	3.0
Ecuador	400	-	0.3	0.0	4100	925.0	4.5	0.4	4100	0.0	4.4	0.3	4100	0.0	4.8	0.3	4100	0.0	3.3	0.3
Malaysia	900	-	0.8	0.1	900	0.0	1.0	0.1	3200	255.6	3.4	0.3	3200	0.0	3.8	0.2	3200	0.0	2.5	0.2
Philippines	0	-	0.0	0.0	0	-	0.0	0.0	0	-	0.0	0.0	1100	-	1.3	0.1	1900	72.7	1.5	0.1
Colombia	0	-	0.0	0.0	0	-	0.0	0.0	0	-	0.0	0.0	500	-	0.6	0.0	700	40.0	0.6	0.0
Total Producers	117270	-	98.0	9.6	91100	-22.3	98.2	8.0	93700	2.9	98.5	7.7	85000	-9.3	98.8	6.2	126100	48.4	99.0	8.6
World	1226871	-	-	-	1139275	-7.1	-	-	1223263	7.4	-	-	1363143	11.4	-	-	1474256	8.2	-	-

BY VALUE

Country	1997				1998				1999				2000				2001			
	Val. (1000\$)	%Chng	%Prod	%World	Val. (1000\$)	%Chng	%Prod	%World	Val. (1000\$)	%Chng	%Prod	%World	Val. (1000\$)	%Chng	%Prod	%World	Val. (1000\$)	%Chng	%Prod	%World
Indonesia	26307	-	69.1	5.6	14625	-44.4	50.9	3.4	18210	24.5	49.2	3.7	28204	54.9	64.3	4.1	31483	11.6	56.8	5.2
India	10276	-	27.0	2.2	11315	10.1	39.3	2.6	14656	29.5	39.6	3.0	10988	-25.0	25.1	1.6	18962	72.6	34.2	3.1
Ecuador	203	-	0.5	0.0	1810	791.6	6.3	0.4	1810	0.0	4.9	0.4	1810	0.0	4.1	0.3	1810	0.0	3.3	0.3
Malaysia	376	-	1.0	0.1	376	0.0	1.3	0.1	1768	370.2	4.8	0.4	1768	0.0	4.0	0.3	1768	0.0	3.2	0.3
Colombia	0	-	0.0	0.0	0	-	0.0	0.0	0	-	0.0	0.0	194	-	0.4	0.0	775	299.5	1.4	0.1
Philippines	0	-	0.0	0.0	0	-	0.0	0.0	0	-	0.0	0.0	666	-	1.5	0.1	388	-41.7	0.7	0.1
Total Producers	38063	-	97.6	8.0	28760	-24.4	97.8	6.7	36987	28.6	98.5	7.6	43857	18.6	98.0	6.4	55413	26.3	98.9	9.2
World	473393	-	-	-	429364	-9.3	-	-	488114	13.7	-	-	680793	39.5	-	-	603475	-11.4	-	-

**SEMI-CHEMICAL WOOD PULP - EXPORTS**

No significant exports by ITTO Producers.

**Table 1-3. Production and Trade of Reconstituted Panels, Wood Pulp and Paper by Major ITTO Producers, 1997-2001**

**CHEMICAL WOOD PULP - PRODUCTION**

Country	1997				1998				1999				2000				2001			
	Weight (mt)	%Chng	%Prod	%World	Weight (mt)	%Chng	%Prod	%World	Weight (mt)	%Chng	%Prod	%World	Weight (mt)	%Chng	%Prod	%World	Weight (mt)	%Chng	%Prod	%World
Brazil	5795000	-	55.0	4.9	6147000	6.1	54.8	5.2	6521000	6.1	53.0	5.4	6689000	2.6	51.1	5.4	6814000	1.9	45.4	5.7
Indonesia	2746000 <sup>1</sup>	-	26.1	2.3	2838000 <sup>1</sup>	3.4	25.3	2.4	3165000 <sup>1</sup>	11.5	25.7	2.6	3647000 <sup>1</sup>	15.2	27.9	3.0	5226000 <sup>1</sup>	43.3	34.8	4.4
India	970200 <sup>1</sup>	-	9.2	0.8	1020200 <sup>1</sup>	5.2	9.1	0.9	1080200 <sup>1</sup>	5.9	8.8	0.9	1112300 <sup>1</sup>	3.0	8.5	0.9	1112300 <sup>1</sup>	0.0	7.4	0.9
Thailand	589000 <sup>1</sup>	-	5.6	0.5	749000 <sup>1</sup>	27.2	6.7	0.6	1038000 <sup>1</sup>	38.6	8.4	0.9	1064200 <sup>1</sup>	2.5	8.1	0.9	1309200 <sup>1</sup>	23.0	8.7	1.1
Colombia	139000	-	1.3	0.1	142000	2.2	1.3	0.1	145000	2.1	1.2	0.1	163000	12.4	1.2	0.1	152000	-6.7	1.0	0.1
Philippines	94000	-	0.9	0.1	94000	0.0	0.8	0.1	145000	54.3	1.2	0.1	147000	1.4	1.1	0.1	147000	0.0	1.0	0.1
Total Producers	10540200 <sup>1</sup>	-	97.1	9.0	11217200 <sup>1</sup>	6.4	97.1	9.6	12311200 <sup>1</sup>	9.8	97.1	10.3	13087500 <sup>1</sup>	6.3	96.9	10.6	15013500 <sup>1</sup>	14.7	97.3	12.5
World	117405900	-	-	-	117419726 <sup>1</sup>	0.0	-	-	119733816 <sup>1</sup>	2.0	-	-	123109474	2.8	-	-	119664261	-2.8	-	-

**CHEMICAL WOOD PULP - IMPORTS**

Country	1997				1998				1999				2000				2001			
	Weight (mt)	%Chng	%Prod	%World	Weight (mt)	%Chng	%Prod	%World	Weight (mt)	%Chng	%Prod	%World	Weight (mt)	%Chng	%Prod	%World	Weight (mt)	%Chng	%Prod	%World
Indonesia	661400	-	34.1	2.2	408200	-38.3	25.9	1.3	615200	50.7	33.1	1.9	581000	-5.6	31.6	1.7	418900	-27.9	26.6	1.2
Thailand	329700	-	17.0	1.1	241000	-26.9	15.3	0.8	350000	45.2	18.8	1.1	340000	-2.9	18.5	1.0	310000	-8.8	19.7	0.9
Brazil	258500	-	13.3	0.9	303600	17.4	19.2	1.0	327700	7.9	17.6	1.0	333200	1.7	18.1	1.0	295200	-11.4	18.8	0.9
India	221200	-	11.4	0.7	189000	-14.6	12.0	0.6	141000	-25.4	7.6	0.4	118300	-16.1	6.4	0.4	149100	26.0	9.5	0.4
Venezuela	175900	-	9.1	0.6	146770	-16.6	9.3	0.5	145000	-1.2	7.8	0.4	133800	-7.7	7.3	0.4	133800	0.0	8.5	0.4
Total Producers	1942383	-	84.8	6.5	1578553	-18.7	81.6	5.2	1857930	17.7	85.0	5.7	1841430	-0.9	81.8	5.5	1574330	-14.5	83.0	4.6
World	30110191	-	-	-	30612637	1.7	-	-	32466824	6.1	-	-	33456440	3.0	-	-	34327634	2.6	-	-

Country	1997				1998				1999				2000				2001			
	Val. (1000\$)	%Chng	%Prod	%World	Val. (1000\$)	%Chng	%Prod	%World	Val. (1000\$)	%Chng	%Prod	%World	Val. (1000\$)	%Chng	%Prod	%World	Val. (1000\$)	%Chng	%Prod	%World
Indonesia	305349	-	33.4	2.1	193832	-36.5	26.3	1.4	282966	46.0	32.1	1.9	403086	42.5	34.5	2.0	191906	-52.4	24.2	1.2
Brazil	124103	-	13.6	0.9	148011	19.3	20.1	1.0	158518	7.1	18.0	1.1	220071	38.8	18.8	1.1	150484	-31.6	19.0	1.0
Thailand	161646	-	17.7	1.1	114851	-28.9	15.6	0.8	163783	42.6	18.6	1.1	214548	31.0	18.3	1.1	145239	-32.3	18.3	0.9
Venezuela	83323	-	9.1	0.6	64436	-22.7	8.8	0.5	69941	8.5	7.9	0.5	86700	24.0	7.4	0.4	86700	0.0	10.9	0.6
India	89953	-	9.9	0.6	68071	-24.3	9.2	0.5	61351	-9.9	7.0	0.4	65677	7.1	5.6	0.3	62892	-4.2	7.9	0.4
Total Producers	913009	-	83.7	6.3	736023	-19.4	80.1	5.2	882708	19.9	83.4	5.9	1169308	32.5	84.7	5.8	792764	-32.2	80.4	5.1
World	14583219	-	-	-	14098993	-3.3	-	-	15002060	6.4	-	-	20085811	33.9	-	-	15603748	-22.3	-	-

**CHEMICAL WOOD PULP - EXPORTS**

Country	1997				1998				1999				2000				2001			
	Weight (mt)	%Chng	%Prod	%World	Weight (mt)	%Chng	%Prod	%World	Weight (mt)	%Chng	%Prod	%World	Weight (mt)	%Chng	%Prod	%World	Weight (mt)	%Chng	%Prod	%World
Brazil	2383700	-	63.2	7.8	2698500	13.2	59.4	8.8	3013500	11.7	68.2	9.3	2916500	-3.2	64.3	8.7	3253600	11.6	61.2	9.6
Indonesia	1284300	-	34.0	4.2	1633000	27.2	35.9	5.3	1174300	-28.1	26.6	3.6	1352000	15.1	29.8	4.1	1697100	25.5	31.9	5.0
Thailand	102600	-	2.7	0.3	214000	108.6	4.7	0.7	227000	6.1	5.1	0.7	250000	10.1	5.5	0.7	341000	36.4	6.4	1.0
India	1500	-	0.0	0.0	100	-93.3	0.0	0.0	1200	1100.0	0.0	0.0	16000	1233.3	0.4	0.0	25000	56.3	0.5	0.1
Philippines	300	-	0.0	0.0	100	-66.7	0.0	0.0	80	-20.0	0.0	0.0	100	25.0	0.0	0.0	300	200.0	0.0	0.0
Total Producers	3772400	-	100.0	12.4	4545700	20.5	100.0	14.9	4416080	-2.9	100.0	13.6	4534600	2.7	100.0	13.6	5317000	17.3	100.0	15.8
World	30412587	-	-	-	30578994	0.5	-	-	32368834	5.9	-	-	33368321	3.1	-	-	33753983	1.2	-	-

Country	1997				1998				1999				2000				2001			
	Val. (1000\$)	%Chng	%Prod	%World	Val. (1000\$)	%Chng	%Prod	%World	Val. (1000\$)	%Chng	%Prod	%World	Val. (1000\$)	%Chng	%Prod	%World	Val. (1000\$)	%Chng	%Prod	%World
Brazil	958497	-	61.8	7.0	992784	3.6	57.0	7.7	1190442	19.9	67.1	8.6	1537940	29.2	63.0	8.3	1200812	-21.9	63.0	8.6
Indonesia	547406	-	35.3	4.0	674464	23.2	38.7	5.2	472659	-29.9	26.7	3.4	721387	52.6	29.5	3.9	562249	-22.1	29.5	4.0
Thailand	45449	-	2.9	0.3	74594	64.1	4.3	0.6	109382	46.6	6.2	0.8	170925	56.3	7.0	0.9	127889	-25.2	6.7	0.9
India	596	-	0.0	0.0	52	-91.3	0.0	0.0	612	1076.9	0.0	0.0	11140	1720.3	0.5	0.1	14258	28.0	0.7	0.1
Philippines	160	-	0.0	0.0	174	8.8	0.0	0.0	49	-71.8	0.0	0.0	132	169.4	0.0	0.0	197	49.2	0.0	0.0
Total Producers	1552108	-	100.0	11.3	1742068	12.2	100.0	13.5	1773144	1.8	100.0	12.8	2441524	37.7	100.0	13.1	1905405	-22.0	100.0	13.6
World	13718522	-	-	-	12935377	-5.7	-	-	13829937	6.9	-	-	18624935	34.7	-	-	14013356	-24.8	-	-

**Table 1-3. Production and Trade of Reconstituted Panels, Wood Pulp and Paper by Major ITTO Producers, 1997-2001**

**SULPHATE UNBLEACHED - PRODUCTION**

Country	1997				1998				1999				2000				2001			
	Weight (mt)	%Chng	%Prod	%World	Weight (mt)	%Chng	%Prod	%World	Weight (mt)	%Chng	%Prod	%World	Weight (mt)	%Chng	%Prod	%World	Weight (mt)	%Chng	%Prod	%World
Brazil	1353000	-	59.9	3.8	1315000	-2.8	57.2	3.9	1379000	4.9	51.2	4.0	1376000	-0.2	51.9	3.9	1457000	5.9	49.7	4.3
Thailand	439000	-	19.4	1.2	489000	11.4	21.3	1.5	756000	54.6	28.1	2.2	764000	1.1	28.8	2.2	919000	20.3	31.4	2.7
India	210000	-	9.3	0.6	220000	4.8	9.6	0.7	230000	4.5	8.5	0.7	220000	-4.3	8.3	0.6	220000	0.0	7.5	0.7
Indonesia	140000	-	6.2	0.4	147000 <sup>1</sup>	5.0	6.4	0.4	164000 <sup>1</sup>	11.6	6.1	0.5	115000	-29.9	4.3	0.3	165000	43.5	5.6	0.5
Philippines	62000	-	2.7	0.2	62000	0.0	2.7	0.2	96000	54.8	3.6	0.3	97000	1.0	3.7	0.3	97000	0.0	3.3	0.3
Total Producers	2259000	-	97.6	6.4	2299000 <sup>1</sup>	1.8	97.1	6.8	2693000 <sup>1</sup>	17.1	97.5	7.8	2649000	-1.6	97.1	7.6	2931000	10.6	97.5	8.7
World	35465500	-	-	-	33564198 <sup>1</sup>	-5.4	-	-	34387000 <sup>1</sup>	2.5	-	-	34861516	1.4	-	-	33804394	-3.0	-	-

**SULPHATE UNBLEACHED - IMPORTS**

BY WEIGHT

Country	1997				1998				1999				2000				2001			
	Weight (mt)	%Chng	%Prod	%World	Weight (mt)	%Chng	%Prod	%World	Weight (mt)	%Chng	%Prod	%World	Weight (mt)	%Chng	%Prod	%World	Weight (mt)	%Chng	%Prod	%World
Thailand	128800	-	43.9	8.7	106000	-17.7	51.7	8.2	150000	41.5	58.6	10.1	142000	-5.3	55.3	9.9	124000	-12.7	57.7	6.7
Indonesia	87600	-	29.8	5.9	17300	-80.3	8.4	1.3	27200	57.2	10.6	1.8	40100	47.4	15.6	2.8	26700	-33.4	12.4	1.5
Venezuela	27700	-	9.4	1.9	24000	-13.4	11.7	1.9	21700	-9.6	8.5	1.5	20000	-7.8	7.8	1.4	20000	0.0	9.3	1.1
Malaysia	9700	-	3.3	0.7	26000	168.0	12.7	2.0	18100	-30.4	7.1	1.2	17600	-2.8	6.9	1.2	17600	0.0	8.2	1.0
India	5900	-	2.0	0.4	2700	-54.2	1.3	0.2	10500	288.9	4.1	0.7	10100	-3.8	3.9	0.7	9000	-10.9	4.2	0.5
Philippines	0	-	0.0	0.0	1000	-	0.5	0.1	2500	150.0	1.0	0.2	2000	-20.0	0.8	0.1	5000	150.0	2.3	0.3
Total Producers	293500	-	88.5	19.9	204900	-30.2	85.9	15.9	255800	24.8	88.9	17.2	256700	0.4	89.5	17.8	214900	-16.3	91.8	11.7
World	1472740	-	-	-	1289969	-12.4	-	-	1485209	15.1	-	-	1441429	-2.9	-	-	1840464	27.7	-	-

BY VALUE

Country	1997				1998				1999				2000				2001			
	Val. (1000\$)	%Chng	%Prod	%World	Val. (1000\$)	%Chng	%Prod	%World	Val. (1000\$)	%Chng	%Prod	%World	Val. (1000\$)	%Chng	%Prod	%World	Val. (1000\$)	%Chng	%Prod	%World
Thailand	55623	-	45.9	8.7	40221	-27.7	49.8	7.8	60712	50.9	58.1	10.5	77077	27.0	55.3	10.6	44872	-41.8	50.5	6.4
Indonesia	34003	-	28.0	5.3	6590	-80.6	8.2	1.3	10470	58.9	10.0	1.8	23523	124.7	16.9	3.2	12169	-48.3	13.7	1.7
Venezuela	12008	-	9.9	1.9	9689	-19.3	12.0	1.9	9264	-4.4	8.9	1.6	10675	15.2	7.7	1.5	10675	0.0	12.0	1.5
Malaysia	3465	-	2.9	0.5	12115	249.6	15.0	2.4	8115	-33.0	7.8	1.4	9116	12.3	6.5	1.2	9116	0.0	10.3	1.3
Philippines	2459	-	2.0	0.4	1154	-53.1	1.4	0.2	4127	257.6	4.0	0.7	4984	20.8	3.6	0.7	3617	-27.4	4.1	0.5
India	10811	-	8.9	1.7	5632	-47.9	7.0	1.1	4447	-21.0	4.3	0.8	5208	17.1	3.7	0.7	1821	-65.0	2.0	0.3
Total Producers	121306	-	88.7	19.0	80718	-33.5	86.4	15.7	104446	29.4	88.7	18.0	139295	33.4	90.0	19.1	88931	-36.2	90.5	12.8
World	638013	-	-	-	514297	-19.4	-	-	579475	12.7	-	-	729398	25.9	-	-	696935	-4.5	-	-

**SULPHATE UNBLEACHED - EXPORTS**

BY WEIGHT

Country	1997				1998				1999				2000				2001			
	Weight (mt)	%Chng	%Prod	%World	Weight (mt)	%Chng	%Prod	%World	Weight (mt)	%Chng	%Prod	%World	Weight (mt)	%Chng	%Prod	%World	Weight (mt)	%Chng	%Prod	%World
Indonesia	2400	-	7.3	0.2	0	-	0.0	0.0	0	-	0.0	0.0	0	-	0.0	0.0	2300	-	100.0	0.1
Brazil	30000	-	91.7	2.0	45000	50.0	97.8	3.2	44000	-2.2	97.8	2.8	23000	-47.7	100.0	1.5	0	-100.0	0.0	0.0
Thailand	300	-	0.9	0.0	1000	233.3	2.2	0.1	1000	0.0	2.2	0.1	0	-100.0	0.0	0.0	0	-	0.0	0.0
Total Producers	32700	-	100.0	2.2	46000	40.7	100.0	3.3	45000	-2.2	100.0	2.8	23000	-48.9	100.0	1.5	2300	-90.0	100.0	0.1
World	1495200	-	-	-	1387427	-7.2	-	-	1583046	14.1	-	-	1509737	-4.6	-	-	1776667	17.7	-	-

BY VALUE

Country	1997				1998				1999				2000				2001			
	Val. (1000\$)	%Chng	%Prod	%World	Val. (1000\$)	%Chng	%Prod	%World	Val. (1000\$)	%Chng	%Prod	%World	Val. (1000\$)	%Chng	%Prod	%World	Val. (1000\$)	%Chng	%Prod	%World
Indonesia	898	-	7.6	0.2	0	-	0.0	0.0	0	-	0.0	0.0	0	-	0.0	0.0	761	-	100.0	0.1
Brazil	10699	-	90.5	1.9	12741	19.1	96.0	2.7	14076	10.5	99.8	2.7	11721	-16.7	100.0	1.9	0	-100.0	0.0	0.0
Thailand	231	-	2.0	0.0	526	127.7	4.0	0.1	32	-93.9	0.2	0.0	0	-100.0	0.0	0.0	0	-	0.0	0.0
Total Producers	11828	-	100.0	2.1	13267	12.2	100.0	2.8	14108	6.3	100.0	2.7	11721	-16.9	100.0	1.9	761	-93.5	100.0	0.1
World	563124	-	-	-	470410	-16.5	-	-	515902	9.7	-	-	601828	16.7	-	-	533495	-11.4	-	-

**Table 1-3. Production and Trade of Reconstituted Panels, Wood Pulp and Paper by Major ITTO Producers, 1997-2001**

**SULPHATE BLEACHED - PRODUCTION**

Country	1997				1998				1999				2000				2001			
	Weight (mt)	%Chng	%Prod	%World	Weight (mt)	%Chng	%Prod	%World	Weight (mt)	%Chng	%Prod	%World	Weight (mt)	%Chng	%Prod	%World	Weight (mt)	%Chng	%Prod	%World
Brazil	4424000	-	54.7	5.8	4812000	8.8	54.9	6.2	5120000	6.4	54.0	6.4	5292000	3.4	51.7	6.4	5332000	0.8	44.9	6.6
Indonesia	2544000	-	31.5	3.4	2670000 <sup>1</sup>	5.0	30.5	3.4	2980000 <sup>1</sup>	11.6	31.4	3.7	3511000	17.8	34.3	4.2	5040000	43.5	42.4	6.3
India	760000	-	9.4	1.0	800000	5.3	9.1	1.0	850000	6.3	9.0	1.1	872000	2.6	8.5	1.1	872000	0.0	7.3	1.1
Thailand	150000 <sup>1</sup>	-	1.9	0.2	260000 <sup>1</sup>	73.3	3.0	0.3	280000 <sup>1</sup>	7.7	3.0	0.4	300000 <sup>1</sup>	7.1	2.9	0.4	390000 <sup>1</sup>	30.0	3.3	0.5
Malaysia	91000	-	1.1	0.1	112000	23.1	1.3	0.1	119000	6.3	1.3	0.1	123000	3.4	1.2	0.1	123000	0.0	1.0	0.2
Philippines	32000	-	0.4	0.0	32000	0.0	0.4	0.0	49000	53.1	0.5	0.1	50000	2.0	0.5	0.1	50000	0.0	0.4	0.1
Total Producers	8085000 <sup>1</sup>	-	98.6	10.7	8763000 <sup>1</sup>	8.4	98.8	11.2	9476000 <sup>1</sup>	8.1	98.7	11.9	10235000 <sup>1</sup>	8.0	98.7	12.4	11887000 <sup>1</sup>	16.1	98.9	14.7
World	75700400 <sup>1</sup>	-	-	-	78022802 <sup>1</sup>	3.1	-	-	79893200 <sup>1</sup>	2.4	-	-	82768064 <sup>1</sup>	3.6	-	-	80630312 <sup>1</sup>	-2.6	-	-

**SULPHATE BLEACHED - IMPORTS**

Country	1997				1998				1999				2000				2001			
	Weight (mt)	%Chng	%Prod	%World	Weight (mt)	%Chng	%Prod	%World	Weight (mt)	%Chng	%Prod	%World	Weight (mt)	%Chng	%Prod	%World	Weight (mt)	%Chng	%Prod	%World
Indonesia	533000	-	33.8	2.0	329400	-38.2	25.7	1.2	521500	58.3	35.0	1.8	513400	-1.6	33.8	1.7	334800	-34.8	26.0	1.1
Brazil	241000	-	15.3	0.9	287400	19.3	22.4	1.1	296700	3.2	19.9	1.0	303200	2.2	20.0	1.0	290000	-4.4	22.6	0.9
Thailand	197200	-	12.5	0.7	127000	-35.6	9.9	0.5	189000	48.8	12.7	0.7	189000	0.0	12.4	0.6	177000	-6.3	13.8	0.6
India	190100	-	12.1	0.7	169900	-10.6	13.3	0.6	128000	-24.7	8.6	0.4	104000	-18.8	6.8	0.3	144000	38.5	11.2	0.5
Venezuela	146000	-	9.3	0.5	119700	-18.0	9.3	0.4	120800	0.9	8.1	0.4	112000	-7.3	7.4	0.4	112000	0.0	8.7	0.4
Total Producers	1576400	-	82.9	5.9	1281700	-18.7	80.6	4.7	1490700	16.3	84.3	5.2	1518700	1.9	80.4	5.0	1285300	-15.4	82.3	4.2
World	26746036	-	-	-	27279842	2.0	-	-	28938248	6.1	-	-	30213073	4.4	-	-	30831939	2.0	-	-

**BY VALUE**

Country	1997				1998				1999				2000				2001			
	Val. (1000\$)	%Chng	%Prod	%World	Val. (1000\$)	%Chng	%Prod	%World	Val. (1000\$)	%Chng	%Prod	%World	Val. (1000\$)	%Chng	%Prod	%World	Val. (1000\$)	%Chng	%Prod	%World
Indonesia	251791	-	40.8	1.9	161027	-36.0	33.0	1.3	242514	50.6	40.5	1.8	362469	49.5	43.8	2.0	155446	-57.1	29.0	1.1
Brazil	114934	-	18.6	0.9	141227	22.9	29.0	1.1	143181	1.4	23.9	1.1	201315	40.6	24.3	1.1	148368	-26.3	27.7	1.1
Thailand	103837	-	16.8	0.8	71301	-31.3	14.6	0.6	97659	37.0	16.3	0.7	131149	34.3	15.8	0.7	96734	-26.2	18.1	0.7
Venezuela	69844	-	11.3	0.5	52735	-24.5	10.8	0.4	59016	11.9	9.9	0.4	74538	26.3	9.0	0.4	74538	0.0	13.9	0.5
India	77466	-	12.5	0.6	61069	-21.2	12.5	0.5	56444	-7.6	9.4	0.4	58534	3.7	7.1	0.3	60701	3.7	11.3	0.4
Total Producers	617872	-	100.0	4.7	487359	-21.1	100.0	3.9	598814	22.9	100.0	4.5	828005	38.3	100.0	4.5	535787	-35.3	100.0	3.8
World	13037541	-	-	-	12577746	-3.5	-	-	13409014	6.6	-	-	18235782	36.0	-	-	14097759	-22.7	-	-

**SULPHATE BLEACHED - EXPORTS**

Country	1997				1998				1999				2000				2001			
	Weight (mt)	%Chng	%Prod	%World	Weight (mt)	%Chng	%Prod	%World	Weight (mt)	%Chng	%Prod	%World	Weight (mt)	%Chng	%Prod	%World	Weight (mt)	%Chng	%Prod	%World
Brazil	2352000	-	63.9	8.7	2653000	12.8	59.0	9.6	2969400	11.9	67.9	10.2	2893500	-2.6	64.3	9.5	3253600	12.4	61.2	10.7
Indonesia	1225400	-	33.3	4.5	1633000	33.3	36.3	5.9	1174300	-28.1	26.9	4.0	1344200	14.5	29.8	4.4	1692200	25.9	31.9	5.5
Thailand	102300	-	2.8	0.4	213000	108.2	4.7	0.8	225000	5.6	5.1	0.8	250000	11.1	5.6	0.8	341000	36.4	6.4	1.1
India	1500	-	0.0	0.0	100	-93.3	0.0	0.0	1200	1100.0	0.0	0.0	15400	1183.3	0.3	0.1	25000	62.3	0.5	0.1
Philippines	300	-	0.0	0.0	100	-66.7	0.0	0.0	80	-20.0	0.0	0.0	100	25.0	0.0	0.0	300	200.0	0.0	0.0
Total Producers	3681500	-	100.0	13.6	4499200	22.2	100.0	16.3	4369980	-2.9	100.0	15.0	4503200	3.0	100.0	14.9	5312100	18.0	100.0	17.4
World	27042977	-	-	-	27586373	2.0	-	-	29196473	5.8	-	-	30306516	3.8	-	-	30523323	0.7	-	-

**BY VALUE**

Country	1997				1998				1999				2000				2001			
	Val. (1000\$)	%Chng	%Prod	%World	Val. (1000\$)	%Chng	%Prod	%World	Val. (1000\$)	%Chng	%Prod	%World	Val. (1000\$)	%Chng	%Prod	%World	Val. (1000\$)	%Chng	%Prod	%World
Brazil	947054	-	63.1	7.7	979834	3.5	56.7	8.3	1176326	20.1	66.9	9.3	1526219	29.7	62.9	8.9	1200812	-21.3	63.1	9.4
Indonesia	506858	-	33.8	4.1	674464	33.1	39.0	5.7	472659	-29.9	26.9	3.7	716804	51.7	29.6	4.2	561102	-21.7	29.5	4.4
Thailand	45218	-	3.0	0.4	74067	63.8	4.3	0.6	108701	46.8	6.2	0.9	170925	57.2	7.0	1.0	127719	-25.3	6.7	1.0
India	596	-	0.0	0.0	52	-91.3	0.0	0.0	612	1076.9	0.0	0.0	10874	1676.8	0.4	0.1	14226	30.8	0.7	0.1
Philippines	160	-	0.0	0.0	174	8.8	0.0	0.0	49	-71.8	0.0	0.0	132	169.4	0.0	0.0	197	49.2	0.0	0.0
Total Producers	1499886	-	100.0	12.2	1728591	15.2	100.0	14.7	1758347	1.7	100.0	13.9	2424954	37.9	100.0	14.1	1904056	-21.5	100.0	14.9
World	12304842	-	-	-	11738886	-4.6	-	-	12646842	7.7	-	-	17161596	35.7	-	-	12796805	-25.4	-	-

**Table 1-3. Production and Trade of Reconstituted Panels, Wood Pulp and Paper by Major ITTO Producers, 1997-2001**

**SULPHITE UNBLEACHED - PRODUCTION**

Country	1997				1998				1999				2000				2001			
	Weight (mt)	%Chng	%Prod	%World	Weight (mt)	%Chng	%Prod	%World	Weight (mt)	%Chng	%Prod	%World	Weight (mt)	%Chng	%Prod	%World	Weight (mt)	%Chng	%Prod	%World
Venezuela	116000	-	98.1	7.2	113000	-2.6	98.9	7.8	96000	-15.0	96.8	6.4	140000	45.8	98.9	10.3	128000	-8.6	98.8	10.9
Indonesia	2000 <sup>1</sup>	-	1.7	0.1	1000 <sup>1</sup>	-50.0	0.9	0.1	1000 <sup>1</sup>	0.0	1.0	0.1	1000 <sup>1</sup>	0.0	0.7	0.1	1000 <sup>1</sup>	0.0	0.8	0.1
India	200 <sup>1</sup>	-	0.2	0.0	200 <sup>1</sup>	0.0	0.2	0.0	200 <sup>1</sup>	0.0	0.2	0.0	300 <sup>1</sup>	50.0	0.2	0.0	300 <sup>1</sup>	0.0	0.2	0.0
Thailand	0	-	0.0	0.0	0	-	0.0	0.0	2000 <sup>1</sup>	-	2.0	0.1	200 <sup>1</sup>	-90.0	0.1	0.0	200 <sup>1</sup>	0.0	0.2	0.0
Total Producers	118200 <sup>1</sup>	-	100.0	7.4	114200 <sup>1</sup>	-3.4	100.0	7.8	99200 <sup>1</sup>	100.0	-	6.6	141500 <sup>1</sup>	100.0	-	10.4	129500 <sup>1</sup>	100.0	-	11.0
World	1608000	-	-	-	1456100	-9.4	-	-	1492800	2.5	-	-	1356428	-9.1	-	-	1176249	-13.3	-	-

**SULPHITE UNBLEACHED - IMPORTS**

BY WEIGHT

Country	1997				1998				1999				2000				2001			
	Weight (mt)	%Chng	%Prod	%World	Weight (mt)	%Chng	%Prod	%World	Weight (mt)	%Chng	%Prod	%World	Weight (mt)	%Chng	%Prod	%World	Weight (mt)	%Chng	%Prod	%World
Indonesia	32100	-	90.9	24.8	54300	69.2	87.8	30.1	50800	-6.4	72.9	32.2	16400	-67.7	60.3	12.8	43600	165.9	83.4	31.5
Thailand	2000	-	5.7	1.5	6000	200.0	9.7	3.3	10000	66.7	14.3	6.3	6000	-40.0	22.1	4.7	8000	33.3	15.3	5.8
India	0	-	0.0	0.0	0	-	0.0	0.0	300	-	0.4	0.2	1600	433.3	5.9	1.3	300	-81.3	0.6	0.2
Malaysia	0	-	0.0	0.0	0	-	0.0	0.0	1500	-	2.2	1.0	200	-86.7	0.7	0.2	200	0.0	0.4	0.1
Philippines	1000	-	2.8	0.8	500	-50.0	0.8	0.3	600	20.0	0.9	0.4	0	-100.0	0.0	0.0	200	-	0.4	0.1
Total Producers	35300	-	99.4	27.2	61870	75.3	98.3	34.3	69700	12.7	90.7	44.2	27200	-61.0	89.0	21.3	52300	92.3	100.0	37.8
World	129638	-	-	-	180129	38.9	-	-	157709	-12.4	-	-	127671	-19.0	-	-	138326	8.3	-	-

BY VALUE

Country	1997				1998				1999				2000				2001			
	Val. (1000\$)	%Chng	%Prod	%World	Val. (1000\$)	%Chng	%Prod	%World	Val. (1000\$)	%Chng	%Prod	%World	Val. (1000\$)	%Chng	%Prod	%World	Val. (1000\$)	%Chng	%Prod	%World
Indonesia	13649	-	91.0	24.0	21430	57.0	89.2	28.9	21217	-1.0	70.8	32.3	8684	-59.1	58.4	14.3	15770	81.6	83.6	29.8
Thailand	765	-	5.1	1.3	1980	158.8	8.2	2.7	4147	109.4	13.8	6.3	3379	-18.5	22.7	5.6	2902	-14.1	15.4	5.5
India	0	-	0.0	0.0	0	-	0.0	0.0	81	-	0.3	0.1	732	803.7	4.9	1.2	80	-89.1	0.4	0.2
Philippines	454	-	3.0	0.8	251	-44.7	1.0	0.3	223	-11.2	0.7	0.3	0	-100.0	0.0	0.0	63	-	0.3	0.1
Malaysia	0	-	0.0	0.0	0	-	0.0	0.0	775	-	2.6	1.2	41	-94.7	0.3	0.1	41	0.0	0.2	0.1
Total Producers	14991	-	99.2	26.3	24030	60.3	98.5	32.5	29979	24.8	88.2	45.7	14875	-50.4	86.3	24.4	18856	26.8	100.0	35.6
World	56914	-	-	-	74035	30.1	-	-	65643	-11.3	-	-	60868	-7.3	-	-	52951	-13.0	-	-

**SULPHITE UNBLEACHED - EXPORTS**

BY WEIGHT

Country	1997				1998				1999				2000				2001			
	Weight (mt)	%Chng	%Prod	%World	Weight (mt)	%Chng	%Prod	%World	Weight (mt)	%Chng	%Prod	%World	Weight (mt)	%Chng	%Prod	%World	Weight (mt)	%Chng	%Prod	%World
Indonesia	1600	-	100.0	1.5	0	-100.0	-	0.0	0	-	0.0	0.0	0	-	0.0	0.0	100	-	100.0	0.1
India	0	-	0.0	0.0	0	-	-	0.0	0	-	0.0	0.0	100	-	100.0	0.1	0	-100.0	0.0	0.0
Thailand	0	-	0.0	0.0	0	-	-	0.0	1000	-	100.0	0.9	0	-100.0	0.0	0.0	0	-	0.0	0.0
Total Producers	1600	-	100.0	1.5	0	-100.0	-	0.0	1000	-	100.0	0.9	100	-90.0	100.0	0.1	100	0.0	100.0	0.1
World	105700	-	-	-	102676	-2.9	-	-	106800	4.0	-	-	150474	40.9	-	-	96799	-35.7	-	-

BY VALUE

Country	1997				1998				1999				2000				2001			
	Val. (1000\$)	%Chng	%Prod	%World	Val. (1000\$)	%Chng	%Prod	%World	Val. (1000\$)	%Chng	%Prod	%World	Val. (1000\$)	%Chng	%Prod	%World	Val. (1000\$)	%Chng	%Prod	%World
Indonesia	714	-	100.0	1.9	0	-100.0	-	0.0	0	-	0.0	0.0	0	-	0.0	0.0	21	-	100.0	0.1
India	0	-	0.0	0.0	0	-	-	0.0	0	-	0.0	0.0	63	-	100.0	0.1	0	-100.0	0.0	0.0
Thailand	0	-	0.0	0.0	0	-	-	0.0	649	-	100.0	1.9	0	-100.0	0.0	0.0	0	-	0.0	0.0
Total Producers	714	-	100.0	1.9	0	-100.0	-	0.0	649	-	100.0	1.9	63	-90.3	100.0	0.1	21	-66.7	100.0	0.1
World	36639	-	-	-	32313	-11.8	-	-	34051	5.4	-	-	52980	55.6	-	-	30435	-42.6	-	-

**Table 1-3. Production and Trade of Reconstituted Panels, Wood Pulp and Paper by Major ITTO Producers, 1997-2001**

**SULPHITE BLEACHED - PRODUCTION**

Country	1997				1998				1999				2000				2001			
	Weight (mt)	%Chng	%Prod	%World	Weight (mt)	%Chng	%Prod	%World	Weight (mt)	%Chng	%Prod	%World	Weight (mt)	%Chng	%Prod	%World	Weight (mt)	%Chng	%Prod	%World
Brazil	18000	-	23.1	0.4	20000	11.1	48.8	0.5	22000	10.0	51.2	0.6	21000	-4.5	33.9	0.5	25000	19.0	37.9	0.6
India	0	-	0.0	0.0	0	-	0.0	0.0	0	-	0.0	0.0	20000	-	32.3	0.5	20000	0.0	30.3	0.5
Indonesia	60000 <sup>1</sup>	-	76.9	1.3	20000 <sup>1</sup>	-	48.8	0.5	20000 <sup>1</sup>	0.0	46.5	0.5	20000 <sup>1</sup>	0.0	32.3	0.5	20000 <sup>1</sup>	0.0	30.3	0.5
Honduras	0	-	0.0	0.0	1000	-	2.4	0.0	1000	0.0	2.3	0.0	1000	0.0	1.6	0.0	1000	0.0	1.5	0.0
Total Producers	78000 <sup>1</sup>	-	100.0	1.7	41000 <sup>1</sup>	-47.4	100.0	0.9	43000 <sup>1</sup>	-4.9	100.0	1.1	62000 <sup>1</sup>	44.2	100.0	1.5	66000 <sup>1</sup>	6.5	100.0	1.6
World	4632000	-	-	-	4376626	-5.5	-	-	3960816	-9.5	-	-	4123466	4.1	-	-	4053306	-1.7	-	-

**SULPHITE BLEACHED - IMPORTS**

BY WEIGHT

Country	1997				1998				1999				2000				2001			
	Weight (mt)	%Chng	%Prod	%World	Weight (mt)	%Chng	%Prod	%World	Weight (mt)	%Chng	%Prod	%World	Weight (mt)	%Chng	%Prod	%World	Weight (mt)	%Chng	%Prod	%World
Indonesia	8700	-	23.4	0.5	7200	-17.2	23.9	0.4	15700	118.1	37.6	0.8	11000	-29.9	28.3	0.7	13800	25.5	63.2	0.9
Malaysia	1000	-	2.7	0.1	3200	220.0	10.6	0.2	3000	-6.3	7.2	0.2	2300	-23.3	5.9	0.1	2300	0.0	10.5	0.2
Venezuela	2000	-	5.4	0.1	3000	50.0	10.0	0.2	2500	-16.7	6.0	0.1	1800	-28.0	4.6	0.1	1800	0.0	8.2	0.1
Bolivia	2100	-	5.6	0.1	1700	-19.0	5.7	0.1	1400	-17.6	3.4	0.1	1600	14.3	4.1	0.1	1600	0.0	7.3	0.1
Thailand	1700	-	4.6	0.1	2000	17.6	6.6	0.1	1000	-50.0	2.4	0.1	3000	200.0	7.7	0.2	1000	-66.7	4.6	0.1
Total Producers	37183	-	41.7	2.1	30083	-19.1	56.8	1.6	41730	38.7	56.6	2.2	38830	-6.9	50.7	2.3	21830	-43.8	93.9	1.4
World	1761777	-	-	-	1862697	5.7	-	-	1885658	1.2	-	-	1674267	-11.2	-	-	1516905	-9.4	-	-

BY VALUE

Country	1997				1998				1999				2000				2001			
	Val. (1000\$)	%Chng	%Prod	%World	Val. (1000\$)	%Chng	%Prod	%World	Val. (1000\$)	%Chng	%Prod	%World	Val. (1000\$)	%Chng	%Prod	%World	Val. (1000\$)	%Chng	%Prod	%World
Indonesia	5906	-	26.8	0.7	4785	-19.0	27.9	0.5	8765	83.2	36.5	0.9	8410	-4.1	30.3	0.8	8522	1.3	62.6	1.1
Venezuela	1348	-	6.1	0.2	1965	45.8	11.4	0.2	1662	-15.4	6.9	0.2	1446	-13.0	5.2	0.1	1446	0.0	10.6	0.2
Malaysia	591	-	2.7	0.1	1562	164.3	9.1	0.2	1836	17.5	7.6	0.2	1307	-28.8	4.7	0.1	1307	0.0	9.6	0.2
Bolivia	1257	-	5.7	0.1	849	-32.5	4.9	0.1	684	-19.4	2.8	0.1	896	31.0	3.2	0.1	896	0.0	6.6	0.1
Thailand	1421	-	6.4	0.2	1349	-5.1	7.9	0.1	1264	-6.3	5.3	0.1	2943	132.8	10.6	0.3	732	-75.1	5.4	0.1
Total Producers	22073	-	47.7	2.6	17162	-22.2	61.2	1.8	24005	39.9	59.2	2.5	27750	15.6	54.1	2.6	13604	-51.0	94.8	1.8
World	850751	-	-	-	932915	9.7	-	-	947928	1.6	-	-	1059763	11.8	-	-	756103	-28.7	-	-

**SULPHITE BLEACHED - EXPORTS**

BY WEIGHT

Country	1997				1998				1999				2000				2001			
	Weight (mt)	%Chng	%Prod	%World	Weight (mt)	%Chng	%Prod	%World	Weight (mt)	%Chng	%Prod	%World	Weight (mt)	%Chng	%Prod	%World	Weight (mt)	%Chng	%Prod	%World
Indonesia	54900	-	97.0	3.1	0	-100.0	0.0	0.0	0	-	0.0	0.0	7800	-	94.0	0.6	2500	-67.9	100.0	0.2
Brazil	1700	-	3.0	0.1	500	-70.6	100.0	0.0	100	-80.0	100.0	0.0	0	-100.0	0.0	0.0	0	-	0.0	0.0
India	0	-	0.0	0.0	0	-	0.0	0.0	0	-	0.0	0.0	500	-	6.0	0.0	0	-100.0	0.0	0.0
Total Producers	56600	-	100.0	3.2	500	-99.1	100.0	0.0	100	-80.0	100.0	0.0	8300	8200.0	100.0	0.6	2500	-69.9	100.0	0.2
World	1768710	-	-	-	1502518	-15.1	-	-	1482515	-1.3	-	-	1401594	-5.5	-	-	1357194	-3.2	-	-

BY VALUE

Country	1997				1998				1999				2000				2001			
	Val. (1000\$)	%Chng	%Prod	%World	Val. (1000\$)	%Chng	%Prod	%World	Val. (1000\$)	%Chng	%Prod	%World	Val. (1000\$)	%Chng	%Prod	%World	Val. (1000\$)	%Chng	%Prod	%World
Indonesia	23937	-	97.0	3.0	0	-100.0	0.0	0.0	0	-	0.0	0.0	4583	-	95.9	0.6	364	-92.1	100.0	0.1
Brazil	744	-	3.0	0.1	209	-71.9	99.5	0.0	40	-80.9	97.6	0.0	0	-100.0	0.0	0.0	0	-	0.0	0.0
India	0	-	0.0	0.0	0	-	0.0	0.0	0	-	0.0	0.0	198	-	4.1	0.0	0	-100.0	0.0	0.0
Total Producers	24681	-	100.0	3.1	210	-99.1	99.5	0.0	41	-80.5	97.6	0.0	4781	11561.0	100.0	0.6	364	-92.4	100.0	0.1
World	798937	-	-	-	692224	-13.4	-	-	631819	-8.7	-	-	807201	27.8	-	-	649660	-19.5	-	-

**Table 1-3. Production and Trade of Reconstituted Panels, Wood Pulp and Paper by Major ITTO Producers, 1997-2001**

**PAPER & PAPERBOARD - PRODUCTION**

Country	1997				1998				1999				2000				2001			
	Vol. (mt)	%Chng	%Prod	%World	Vol. (mt)	%Chng	%Prod	%World	Vol. (mt)	%Chng	%Prod	%World	Vol. (mt)	%Chng	%Prod	%World	Vol. (mt)	%Chng	%Prod	%World
Brazil	6475000	-	32.8	2.2	6524000	0.8	30.7	2.2	6255000	-4.1	26.8	2.0	6473000	3.5	27.7	2.0	7354000	13.6	29.8	2.3
Indonesia	4822000	-	24.5	1.6	5487000	13.8	25.8	1.8	6978000	27.2	29.9	2.2	6977000	0.0	29.9	2.2	6995000	0.3	28.4	2.2
India	2922000	-	14.8	1.0	3320000	13.6	15.6	1.1	3845000	15.8	16.5	1.2	3673000	-4.5	15.7	1.1	3973000	8.2	16.1	1.2
Thailand	2271000	-	11.5	0.8	2367000	4.2	11.1	0.8	2434000	2.8	10.4	0.8	2312000	-5.0	9.9	0.7	2445000	5.8	9.9	0.8
Philippines	613000	-	3.1	0.2	987000	61.0	4.6	0.3	1010000	2.3	4.3	0.3	1107000	9.6	4.7	0.3	1056000	-4.6	4.3	0.3
Malaysia	711000	-	3.6	0.2	761000	7.0	3.6	0.3	859000	12.9	3.7	0.3	791000	-7.9	3.4	0.2	851000	7.6	3.4	0.3
Colombia	704000	-	3.6	0.2	712000	1.1	3.4	0.2	733000	2.9	3.1	0.2	771000	5.2	3.3	0.2	771000	0.0	3.1	0.2
Total Producers	19720400 <sup>1</sup>	-	86.7	6.6	21239400 <sup>1</sup>	7.7	88.0	7.0	23328800 <sup>1</sup>	9.8	88.0	7.4	23329600 <sup>1</sup>	0.0	88.1	7.2	24671000 <sup>1</sup>	5.7	88.5	7.7
World	300968200 <sup>1</sup>	-	-	-	301818459 <sup>1</sup>	0.3	-	-	315911264 <sup>1</sup>	4.7	-	-	324275020 <sup>1</sup>	2.6	-	-	320487541 <sup>1</sup>	-1.2	-	-

**PAPER & PAPERBOARD - IMPORTS**

Country	1997				1998				1999				2000				2001			
	Weight (mt)	%Chng	%Prod	%World	Weight (mt)	%Chng	%Prod	%World	Weight (mt)	%Chng	%Prod	%World	Weight (mt)	%Chng	%Prod	%World	Weight (mt)	%Chng	%Prod	%World
Malaysia	992600	-	17.7	1.2	820700	-17.3	16.5	0.9	1365200	66.3	24.9	1.4	1013300	-25.8	19.5	1.0	1013300	0.0	20.4	1.1
Brazil	1171400	-	20.9	1.4	854400	-27.1	17.1	1.0	722700	-15.4	13.2	0.7	800800	10.8	15.4	0.8	598500	-25.3	12.1	0.6
India	657000	-	11.7	0.8	800000	21.8	16.1	0.9	769000	-3.9	14.1	0.8	605200	-21.3	11.7	0.6	570500	-5.7	11.5	0.6
Philippines	458400	-	8.2	0.5	391600	-14.6	7.9	0.4	477300	21.9	8.7	0.5	467600	-2.0	9.0	0.5	533100	14.0	10.7	0.6
Thailand	398900	-	7.1	0.5	193000	-51.6	3.9	0.2	321000	66.3	5.9	0.3	389300	21.3	7.5	0.4	361400	-7.2	7.3	0.4
Total Producers	5614300	-	65.5	6.5	4983040	-11.2	61.4	5.7	5471950	9.8	66.8	5.6	5192550	-5.1	63.1	5.3	4962790	-4.4	62.0	5.2
World	85807777	-	-	-	87949483	2.5	-	-	96882460	10.2	-	-	98809384	2.0	-	-	96344994	-2.5	-	-

**BY VALUE**

Country	1997				1998				1999				2000				2001			
	Val. (1000\$)	%Chng	%Prod	%World	Val. (1000\$)	%Chng	%Prod	%World	Val. (1000\$)	%Chng	%Prod	%World	Val. (1000\$)	%Chng	%Prod	%World	Val. (1000\$)	%Chng	%Prod	%World
Malaysia	761857	-	17.1	1.1	575429	-24.5	15.5	0.9	729617	26.8	20.3	1.1	700867	-3.9	18.5	1.0	700867	0.0	19.2	1.0
Brazil	964349	-	21.7	1.4	707884	-26.6	19.1	1.1	555555	-21.5	15.5	0.8	630994	13.6	16.7	0.9	498776	-21.0	13.7	0.7
Thailand	561479	-	12.6	0.8	213154	-62.0	5.7	0.3	324532	52.3	9.0	0.5	400908	23.5	10.6	0.6	366802	-8.5	10.1	0.5
Philippines	297245	-	6.7	0.4	246060	-17.2	6.6	0.4	257389	4.6	7.2	0.4	316698	23.0	8.4	0.4	308716	-2.5	8.5	0.5
India	382804	-	8.6	0.6	448750	17.2	12.1	0.7	399024	-11.1	11.1	0.6	390937	-2.0	10.3	0.6	306415	-21.6	8.4	0.5
Total Producers	4442724	-	66.8	6.6	3711989	-16.4	59.0	5.6	3592180	-3.2	63.1	5.4	3786151	5.4	64.5	5.4	3647544	-3.7	59.8	5.4
World	67174538	-	-	-	65906241	-1.9	-	-	67124947	1.8	-	-	70627421	5.2	-	-	68032588	-3.7	-	-

**PAPER & PAPERBOARD - EXPORTS**

Country	1997				1998				1999				2000				2001			
	Weight (mt)	%Chng	%Prod	%World	Weight (mt)	%Chng	%Prod	%World	Weight (mt)	%Chng	%Prod	%World	Weight (mt)	%Chng	%Prod	%World	Weight (mt)	%Chng	%Prod	%World
Indonesia	1150000	-	35.9	1.3	2264700	96.9	51.1	2.5	2923800	29.1	59.2	3.2	2716800	-7.1	59.3	2.8	2315900	-14.8	52.4	2.4
Thailand	517600	-	16.2	0.6	867100	67.5	19.6	1.0	903200	4.2	18.3	1.0	716600	-20.7	15.6	0.7	756000	5.5	17.1	0.8
Brazil	1043300	-	32.6	1.2	779800	-25.3	17.6	0.9	530700	-31.9	10.8	0.6	585240	10.3	12.8	0.6	680100	16.2	15.4	0.7
Malaysia	98500	-	3.1	0.1	97500	-1.0	2.2	0.1	169900	74.3	3.4	0.2	139300	-18.0	3.0	0.1	139300	0.0	3.2	0.1
Philippines	44400	-	1.4	0.1	102700	131.3	2.3	0.1	77800	-24.2	1.6	0.1	122300	57.2	2.7	0.1	136900	11.9	3.1	0.1
Colombia	80800	-	2.5	0.1	76000	-5.9	1.7	0.1	84700	11.4	1.7	0.1	129800	53.2	2.8	0.1	110400	-14.9	2.5	0.1
India	16300	-	0.5	0.0	25400	55.8	0.6	0.0	85700	237.4	1.7	0.1	28600	-66.6	0.6	0.0	99700	248.6	2.3	0.1
Total Producers	3199102	-	89.2	3.7	4430612	38.5	92.8	4.9	4935680	11.4	93.3	5.3	4581620 <sup>1</sup>	-7.2	93.4	4.7	4421140 <sup>1</sup>	-3.5	91.1	4.7
World	86658406	-	-	-	89710063	3.5	-	-	92615943	3.2	-	-	97718967 <sup>1</sup>	5.5	-	-	94557172 <sup>1</sup>	-3.2	-	-

**BY VALUE**

Country	1997				1998				1999				2000				2001			
	Val. (1000\$)	%Chng	%Prod	%World	Val. (1000\$)	%Chng	%Prod	%World	Val. (1000\$)	%Chng	%Prod	%World	Val. (1000\$)	%Chng	%Prod	%World	Val. (1000\$)	%Chng	%Prod	%World
Indonesia	754798	-	35.2	1.2	1152536	52.7	50.5	1.7	1447351	25.6	57.5	2.2	1688475	16.7	61.5	2.4	1298491	-23.1	53.6	2.0
Thailand	365056	-	17.0	0.6	311708	-14.6	13.6	0.5	428208	37.4	17.0	0.7	399810	-6.6	14.6	0.6	368633	-7.8	15.2	0.6
Brazil	685592	-	32.0	1.1	494928	-27.8	21.7	0.7	302428	-38.9	12.0	0.5	338108	11.8	12.3	0.5	346418	2.5	14.3	0.5
Colombia	63677	-	3.0	0.1	63276	-0.6	2.8	0.1	61120	-3.4	2.4	0.1	74700	22.2	2.7	0.1	91193	22.1	3.8	0.1
Malaysia	87594	-	4.1	0.1	69565	-20.6	3.0	0.1	105233	51.3	4.2	0.2	86657	-17.7	3.2	0.1	86657	0.0	3.6	0.1
Philippines	18920	-	0.9	0.0	46639	146.5	2.0	0.1	33434	-28.3	1.3	0.1	58825	75.9	2.1	0.1	67490	14.7	2.8	0.1
India	14348	-	0.7	0.0	20346	41.8	0.9	0.0	53448	162.7	2.1	0.1	25880	-51.6	0.9	0.0	67116	159.3	2.8	0.1
Total Producers	2141846	-	91.4	3.3	2283946	6.6	91.6	3.4	2518942	10.3	93.1	3.9	2746330 <sup>1</sup>	9.0	94.2	4.0	2420304 <sup>1</sup>	-11.9	90.5	3.7
World	64039024	-	-	-	66782197	4.3	-	-	65181170	-2.4	-	-	69223957 <sup>1</sup>	6.2	-	-	65717448 <sup>1</sup>	-5.1	-	-

**Table 1-3. Production and Trade of Reconstituted Panels, Wood Pulp and Paper by Major ITTO Producers, 1997-2001**

**NEWSPRINT - PRODUCTION**

Country	1997				1998				1999				2000				2001			
	Weight (mt)	%Chng	%Prod	%World	Weight (mt)	%Chng	%Prod	%World	Weight (mt)	%Chng	%Prod	%World	Weight (mt)	%Chng	%Prod	%World	Weight (mt)	%Chng	%Prod	%World
India	302000	-	24.2	0.8	410000	35.8	27.8	1.1	500000	22.0	29.3	1.3	400000	-20.0	21.9	1.0	700000	75.0	33.1	1.8
Indonesia	390000	-	31.2	1.1	478000	22.6	32.4	1.3	532000	11.3	31.2	1.4	477000	-10.3	26.1	1.2	511000	7.1	24.2	1.3
Philippines	138000	-	11.0	0.4	156000	13.0	10.6	0.4	174000	11.5	10.2	0.5	275000	58.0	15.1	0.7	258000	-6.2	12.2	0.7
Malaysia	3000	-	0.2	0.0	2000	-33.3	0.1	0.0	100000	4900.0	5.9	0.3	250000	150.0	13.7	0.6	250000	0.0	11.8	0.6
Brazil	265000	-	21.2	0.7	273000	3.0	18.5	0.8	242000	-11.4	14.2	0.6	266000	9.9	14.6	0.7	230000	-13.5	10.9	0.6
Panama	20000 <sup>1</sup>	-	1.6	0.1	22000 <sup>1</sup>	10.0	1.5	0.1	25000 <sup>1</sup>	13.6	1.5	0.1	20000 <sup>1</sup>	-20.0	1.1	0.1	22000 <sup>1</sup>	10.0	1.0	0.1
Total Producers	1249400 <sup>1</sup>	-	87.9	3.5	1473400 <sup>1</sup>	17.9	89.5	4.1	1707400 <sup>1</sup>	15.9	90.7	4.5	1824400 <sup>1</sup>	6.9	91.4	4.6	2115900 <sup>1</sup>	16.0	92.1	5.5
World	36213700 <sup>1</sup>	-	-	-	36212000 <sup>1</sup>	0.0	-	-	38072000 <sup>1</sup>	5.1	-	-	39451291 <sup>1</sup>	3.6	-	-	38686512 <sup>1</sup>	-1.9	-	-

**NEWSPRINT - IMPORTS**

Country	1997				1998				1999				2000				2001			
	Weight (mt)	%Chng	%Prod	%World	Weight (mt)	%Chng	%Prod	%World	Weight (mt)	%Chng	%Prod	%World	Weight (mt)	%Chng	%Prod	%World	Weight (mt)	%Chng	%Prod	%World
India	547000	-	27.8	2.9	500000	-8.6	31.0	2.8	498000	-0.4	33.1	2.7	350000	-29.7	23.7	1.8	398900	14.0	29.5	2.2
Brazil	471000	-	23.9	2.5	413000	-12.3	25.6	2.3	378800	-8.3	25.2	2.0	398000	5.1	27.0	2.1	297000	-25.4	22.0	1.6
Thailand	169000	-	8.6	0.9	66000	-60.9	4.1	0.4	111000	68.2	7.4	0.6	147000	32.4	10.0	0.8	135000	-8.2	10.0	0.7
Malaysia	299000	-	15.2	1.6	198000	-33.8	12.3	1.1	143200	-27.7	9.5	0.8	134000	-6.4	9.1	0.7	134000	0.0	9.9	0.7
Venezuela	118000	-	6.0	0.6	138100	17.0	8.6	0.8	90400	-34.5	6.0	0.5	102000	12.8	6.9	0.5	102000	0.0	7.5	0.6
Total Producers	1970100	-	81.4	10.6	1612400	-18.2	81.6	8.9	1503100	-6.8	81.3	8.0	1475700	-1.8	76.6	7.8	1352300	-8.4	78.9	7.4
World	18669104	-	-	-	18124551	-2.9	-	-	18676741	3.0	-	-	18981025	1.6	-	-	18261005	-3.8	-	-

**BY VALUE**

Country	1997				1998				1999				2000				2001			
	Val. (1000\$)	%Chng	%Prod	%World	Val. (1000\$)	%Chng	%Prod	%World	Val. (1000\$)	%Chng	%Prod	%World	Val. (1000\$)	%Chng	%Prod	%World	Val. (1000\$)	%Chng	%Prod	%World
India	288804	-	27.1	2.8	188789	-34.6	23.3	1.9	160999	-14.7	24.3	1.6	176106	9.4	23.2	1.8	192896	9.5	25.6	1.9
Brazil	219548	-	20.6	2.1	218686	-0.4	27.0	2.2	170316	-22.1	25.7	1.7	200876	17.9	26.5	2.0	173150	-13.8	23.0	1.7
Thailand	71903	-	6.8	0.7	30222	-58.0	3.7	0.3	48297	59.8	7.3	0.5	83859	73.6	11.1	0.8	77200	-7.9	10.2	0.7
Malaysia	200000	-	18.8	1.9	104420	-47.8	12.9	1.0	66032	-36.8	9.9	0.7	67399	2.1	8.9	0.7	67399	0.0	8.9	0.7
Venezuela	65154	-	6.1	0.6	84292	29.4	10.4	0.8	58126	-31.0	8.8	0.6	64711	11.3	8.5	0.6	64711	0.0	8.6	0.6
Total Producers	1064413	-	79.4	10.2	810925	-23.8	77.2	8.0	663692	-18.2	75.9	6.8	758116	14.2	78.2	7.6	754357	-0.5	76.3	7.3
World	10475002	-	-	-	10137462	-3.2	-	-	9818323	-3.1	-	-	10039780	2.3	-	-	10348561	3.1	-	-

**NEWSPRINT - EXPORTS**

Country	1997				1998				1999				2000				2001			
	Weight (mt)	%Chng	%Prod	%World	Weight (mt)	%Chng	%Prod	%World	Weight (mt)	%Chng	%Prod	%World	Weight (mt)	%Chng	%Prod	%World	Weight (mt)	%Chng	%Prod	%World
Indonesia	189000	-	72.2	1.0	373000	97.4	69.3	2.0	296100	-20.6	63.9	1.6	323100	9.1	65.3	1.7	332600	2.9	62.2	1.9
Philippines	43000	-	16.4	0.2	100400	133.5	18.7	0.5	71600	-28.7	15.4	0.4	105000	46.6	21.2	0.6	132300	26.0	24.8	0.7
Malaysia	1200	-	0.5	0.0	200	-83.3	0.0	0.0	46800	23300.0	10.1	0.3	41000	-12.4	8.3	0.2	41000	0.0	7.7	0.2
Panama	9000	-	3.4	0.0	10200	13.3	1.9	0.1	11000	7.8	2.4	0.1	8100	-26.4	1.6	0.0	10200	25.9	1.9	0.1
Brazil	13500	-	5.2	0.1	16000	18.5	3.0	0.1	22300	39.4	4.8	0.1	14000	-37.2	2.8	0.1	8300	-40.7	1.6	0.0
India	2700	-	1.0	0.0	1300	-51.9	0.2	0.0	2700	107.7	0.6	0.0	400	-85.2	0.1	0.0	5000	1150.0	0.9	0.0
Total Producers	261902	-	97.6	1.4	538202	105.5	92.9	2.9	463700	-13.8	96.6	2.5	494800	6.7	99.3	2.6	534500	8.0	98.1	3.0
World	18772170	-	-	-	18380663	-2.1	-	-	18518192	0.7	-	-	18680459	0.9	-	-	17764985	-4.9	-	-

**BY VALUE**

Country	1997				1998				1999				2000				2001			
	Val. (1000\$)	%Chng	%Prod	%World	Val. (1000\$)	%Chng	%Prod	%World	Val. (1000\$)	%Chng	%Prod	%World	Val. (1000\$)	%Chng	%Prod	%World	Val. (1000\$)	%Chng	%Prod	%World
Indonesia	85292	-	73.3	0.8	128510	50.7	63.9	1.3	125902	-2.0	65.2	1.3	164754	30.9	64.9	1.8	183589	11.4	64.4	2.0
Philippines	16981	-	14.6	0.2	43380	155.5	21.6	0.4	29004	-33.1	15.0	0.3	53101	83.1	20.9	0.6	64529	21.5	22.6	0.7
Malaysia	681	-	0.6	0.0	133	-80.5	0.1	0.0	18940	14140.6	9.8	0.2	23459	23.9	9.2	0.3	23459	0.0	8.2	0.3
Brazil	6820	-	5.9	0.1	8607	26.2	4.3	0.1	9855	14.5	5.1	0.1	7296	-26.0	2.9	0.1	4943	-32.3	1.7	0.1
Panama	2520	-	2.2	0.0	3877	53.8	1.9	0.0	2715	-30.0	1.4	0.0	3548	30.7	1.4	0.0	3164	-10.8	1.1	0.0
India	1835	-	1.6	0.0	655	-64.3	0.3	0.0	1161	77.3	0.6	0.0	236	-79.7	0.1	0.0	2964	1155.9	1.0	0.0
Total Producers	116299	-	96.6	1.1	201139	72.9	91.7	2.0	192996	-4.0	96.6	2.1	254036	31.6	99.3	2.7	285089	12.2	98.1	3.1
World	10120158	-	-	-	9968391	-1.5	-	-	9382616	-5.9	-	-	9318994	-0.7	-	-	9332013	0.1	-	-

**Table 1-3. Production and Trade of Reconstituted Panels, Wood Pulp and Paper by Major ITTO Producers, 1997-2001**

**PRINTING AND WRITING PAPER - PRODUCTION**

Country	1997				1998				1999				2000				2001			
	Weight (mt)	%Chng	%Prod	%World	Weight (mt)	%Chng	%Prod	%World	Weight (mt)	%Chng	%Prod	%World	Weight (mt)	%Chng	%Prod	%World	Weight (mt)	%Chng	%Prod	%World
Indonesia	1510000	-	25.9	1.7	1855000	22.8	28.2	2.1	2733000	47.3	35.0	2.9	2818000	3.1	35.3	2.9	2697000	-4.3	33.7	2.8
Brazil	1996000	-	34.2	2.2	1966000	-1.5	29.9	2.2	2070000	5.3	26.5	2.2	2100000	1.4	26.3	2.1	2150000	2.4	26.9	2.3
India	1110000	-	19.0	1.2	1280000	15.3	19.5	1.4	1510000	18.0	19.4	1.6	1530000	1.3	19.2	1.6	1530000	0.0	19.1	1.6
Thailand	529000	-	9.1	0.6	623000	17.8	9.5	0.7	612000	-1.8	7.8	0.6	548000	-10.5	6.9	0.6	638000	16.4	8.0	0.7
Philippines	154000	-	2.6	0.2	296000	92.2	4.5	0.3	296000	0.0	3.8	0.3	296000	0.0	3.7	0.3	296000	0.0	3.7	0.3
Colombia	214000	-	3.7	0.2	208000	-2.8	3.2	0.2	233000	12.0	3.0	0.2	241000	3.4	3.0	0.2	252000	4.6	3.1	0.3
Malaysia	126000	-	2.2	0.1	123000	-2.4	1.9	0.1	123000	0.0	1.6	0.1	123000	0.0	1.5	0.1	123000	0.0	1.5	0.1
Total Producers	5838000	-	90.8	6.5	6579000	12.7	91.5	7.4	7803000	18.6	92.5	8.3	7975000	2.2	91.4	8.1	8001800	0.3	91.4	8.4
World	89513900	-	-	-	88878882	-0.7	-	-	94276867	6.1	-	-	98313450	4.3	-	-	94954213	-3.4	-	-

**PRINTING AND WRITING PAPER - IMPORTS**

Country	1997				1998				1999				2000				2001			
	Weight (mt)	%Chng	%Prod	%World	Weight (mt)	%Chng	%Prod	%World	Weight (mt)	%Chng	%Prod	%World	Weight (mt)	%Chng	%Prod	%World	Weight (mt)	%Chng	%Prod	%World
Malaysia	206100	-	23.0	0.7	223700	8.5	21.5	0.7	580000	159.3	35.2	1.6	315900	-45.5	21.7	0.8	315900	0.0	24.5	0.8
Brazil	41000	-	4.6	0.1	48000	17.1	4.6	0.1	210900	339.4	12.8	0.6	255600	21.2	17.5	0.7	203900	-20.2	15.8	0.5
Philippines	99900	-	11.1	0.4	84000	-15.9	8.1	0.3	156500	86.3	9.5	0.4	126000	-19.5	8.6	0.3	158400	25.7	12.3	0.4
Colombia	108000	-	12.0	0.4	100000	-7.4	9.6	0.3	75600	-24.4	4.6	0.2	155900	106.2	10.7	0.4	90600	-41.9	7.0	0.2
India	70000	-	7.8	0.2	226000	222.9	21.7	0.7	177000	-21.7	10.8	0.5	118600	-33.0	8.1	0.3	85000	-28.3	6.6	0.2
Thailand	53900	-	6.0	0.2	36000	-33.2	3.5	0.1	78000	116.7	4.7	0.2	93300	19.6	6.4	0.2	73400	-21.3	5.7	0.2
Total Producers	897300	-	58.5	3.2	1039600	15.9	65.6	3.2	1646500	58.4	72.9	4.7	1457700	-11.5	66.7	3.8	1291800	-11.4	66.1	3.4
World	28396309	-	-	-	32087710	13.0	-	-	35276754	9.9	-	-	38114102	8.0	-	-	37910159	-0.5	-	-

Country	1997				1998				1999				2000				2001			
	Val. (1000\$)	%Chng	%Prod	%World	Val. (1000\$)	%Chng	%Prod	%World	Val. (1000\$)	%Chng	%Prod	%World	Val. (1000\$)	%Chng	%Prod	%World	Val. (1000\$)	%Chng	%Prod	%World
Malaysia	210749	-	23.1	0.9	177570	-15.7	18.8	0.7	256998	44.7	21.9	0.9	243929	-5.1	19.7	0.8	243929	0.0	22.2	0.8
Brazil	36939	-	4.1	0.2	44555	20.6	4.7	0.2	182737	310.1	15.6	0.7	230015	25.9	18.5	0.7	182708	-20.6	16.6	0.6
Philippines	85372	-	9.4	0.4	68660	-19.6	7.3	0.3	102137	48.8	8.7	0.4	115023	12.6	9.3	0.4	114565	-0.4	10.4	0.4
Colombia	111791	-	12.3	0.5	102732	-8.1	10.9	0.4	74450	-27.5	6.4	0.3	97108	30.4	7.8	0.3	91103	-6.2	8.3	0.3
Thailand	74776	-	8.2	0.3	34717	-53.6	3.7	0.1	73892	112.8	6.3	0.3	89567	21.2	7.2	0.3	73371	-18.1	6.7	0.2
India	61600	-	6.8	0.3	198880	222.9	21.1	0.7	155760	-21.7	13.3	0.6	104837	-32.7	8.4	0.3	62511	-40.4	5.7	0.2
Total Producers	911709	-	57.0	3.8	943442	3.5	45.4	3.5	1171074	24.1	58.9	4.2	1241305	6.0	62.5	4.0	1101030	-11.3	64.1	3.7
World	24308557	-	-	-	27058358	11.3	-	-	27651316	2.2	-	-	31021307	12.2	-	-	29639515	-4.5	-	-

**PRINTING AND WRITING PAPER - EXPORTS**

Country	1997				1998				1999				2000				2001			
	Weight (mt)	%Chng	%Prod	%World	Weight (mt)	%Chng	%Prod	%World	Weight (mt)	%Chng	%Prod	%World	Weight (mt)	%Chng	%Prod	%World	Weight (mt)	%Chng	%Prod	%World
Indonesia	600000	-	42.0	2.0	1512000	152.0	67.1	4.6	1937800	28.2	73.5	5.5	1714000	-11.5	72.9	4.5	1479800	-13.7	68.6	4.0
Thailand	61200	-	4.3	0.2	96700	58.0	4.3	0.3	366000	278.5	13.9	1.0	297000	-18.9	12.6	0.8	311000	4.7	14.4	0.8
Brazil	561000	-	39.3	1.8	453000	-19.3	20.1	1.4	88400	-80.5	3.4	0.3	138240	56.4	5.9	0.4	122000	-11.7	5.7	0.3
Malaysia	53200	-	3.7	0.2	56300	5.8	2.5	0.2	74000	31.4	2.8	0.2	74000	0.0	3.1	0.2	74000	0.0	3.4	0.2
India	10800	-	0.8	0.0	14100	30.6	0.6	0.0	65000	361.0	2.5	0.2	17200	-73.5	0.7	0.0	69400	303.5	3.2	0.2
Colombia	59000	-	4.1	0.2	49200	-16.6	2.2	0.1	46300	-5.9	1.8	0.1	65000	40.4	2.8	0.2	55800	-14.2	2.6	0.2
Philippines	100	-	0.0	0.0	300	200.0	0.0	0.0	3200	966.7	0.1	0.0	100	-96.9	0.0	0.0	100	0.0	0.0	0.0
Total Producers	1427100	-	90.1	4.7	2252160	57.8	94.7	6.8	2635880	17.0	96.0	7.5	2352520	-10.8	95.2	6.2	2157380	-8.3	95.3	5.9
World	30459492	-	-	-	32942821	8.2	-	-	34965349	6.1	-	-	38227117	9.3	-	-	36617046	-4.2	-	-

Country	1997				1998				1999				2000				2001			
	Val. (1000\$)	%Chng	%Prod	%World	Val. (1000\$)	%Chng	%Prod	%World	Val. (1000\$)	%Chng	%Prod	%World	Val. (1000\$)	%Chng	%Prod	%World	Val. (1000\$)	%Chng	%Prod	%World
Indonesia	506958	-	46.2	2.0	886723	74.9	65.5	3.2	1084324	22.3	71.1	3.9	1238422	14.2	73.6	4.0	922902	-25.5	66.9	3.2
Thailand	43455	-	4.0	0.2	41001	-5.6	3.0	0.1	243644	494.2	16.0	0.9	231902	-4.8	13.8	0.8	223301	-3.7	16.2	0.8
Brazil	386369	-	35.2	1.5	305903	-20.8	22.6	1.1	63431	-79.3	4.2	0.2	100761	58.9	6.0	0.3	89378	-11.3	6.5	0.3
Colombia	46489	-	4.2	0.2	37784	-18.7	2.8	0.1	32274	-14.6	2.1	0.1	34009	5.4	2.0	0.1	42450	24.8	3.1	0.1
India	10020	-	0.9	0.0	10625	6.0	0.8	0.0	40000	276.5	2.6	0.1	14978	-62.6	0.9	0.0	38537	157.3	2.8	0.1
Malaysia	42647	-	3.9	0.2	34614	-18.8	2.6	0.1	34711	0.3	2.3	0.1	34711	0.0	2.1	0.1	34711	0.0	2.5	0.1
Philippines	592	-	0.1	0.0	820	38.5	0.1	0.0	1812	121.0	0.1	0.0	240	-86.8	0.0	0.0	364	51.7	0.0	0.0
Total Producers	1097795	-	90.5	4.2	1352977	23.2	94.8	4.9	1524439	12.7	96.0	5.4	1683619	10.4	96.2	5.5	1378649	-18.1	95.5	4.8
World	25944254	-	-	-	27604175	6.4	-	-	28098743	1.8	-	-	30878845	9.9	-	-	28582497	-7.4	-	-

**Table 1-3. Production and Trade of Reconstituted Panels, Wood Pulp and Paper by Major ITTO Producers, 1997-2001**

**OTHER PAPER AND PAPERBOARD - PRODUCTION**

Country	1997				1998				1999				2000				2001			
	Weight (mt)	%Chng	%Prod	%World	Weight (mt)	%Chng	%Prod	%World	Weight (mt)	%Chng	%Prod	%World	Weight (mt)	%Chng	%Prod	%World	Weight (mt)	%Chng	%Prod	%World
Brazil	4214000	-	33.4	2.4	4285000	1.7	32.5	2.4	3943000	-8.0	28.5	2.1	4107000	4.2	30.4	2.2	4974000	21.1	34.2	2.7
Indonesia	2922000	-	23.1	1.7	3154000	7.9	23.9	1.8	3713000	17.7	26.9	2.0	3682000	-0.8	27.2	2.0	3787000	2.9	26.0	2.0
India	1510000	-	12.0	0.9	1630000	7.9	12.4	0.9	1835000	12.6	13.3	1.0	1743000	-5.0	12.9	0.9	1743000	0.0	12.0	0.9
Thailand	1624000	-	12.9	0.9	1626000	0.1	12.3	0.9	1702000	4.7	12.3	0.9	1642000	-3.5	12.1	0.9	1681000	2.4	11.6	0.9
Colombia	490000	-	3.9	0.3	504000	2.9	3.8	0.3	500000	-0.8	3.6	0.3	530000	6.0	3.9	0.3	519000	-2.1	3.6	0.3
Venezuela	630000 <sup>1</sup>	-	5.0	0.4	311000	-50.6	2.4	0.2	399000	28.3	2.9	0.2	354000 <sup>1</sup>	-11.3	2.6	0.2	349000 <sup>1</sup>	-1.4	2.4	0.2
Total Producers	12633000 <sup>1</sup>	-	85.2	7.2	13187000 <sup>1</sup>	4.4	84.9	7.5	13818400 <sup>1</sup>	4.8	84.6	7.5	13530200 <sup>1</sup>	-2.1	86.5	7.3	14553300 <sup>1</sup>	7.6	87.3	7.8
World	175240600 <sup>1</sup>	-	-	-	176727577 <sup>1</sup>	0.8	-	-	183562397 <sup>1</sup>	3.9	-	-	186510279 <sup>1</sup>	1.6	-	-	186846816 <sup>1</sup>	0.2	-	-

**OTHER PAPER AND PAPERBOARD - IMPORTS**

BY WEIGHT

Country	1997				1998				1999				2000				2001			
	Weight (mt)	%Chng	%Prod	%World	Weight (mt)	%Chng	%Prod	%World	Weight (mt)	%Chng	%Prod	%World	Weight (mt)	%Chng	%Prod	%World	Weight (mt)	%Chng	%Prod	%World
Malaysia	487500	-	17.7	1.3	399000	-18.2	17.1	1.1	642000	60.9	27.6	1.5	563400	-12.2	24.9	1.4	563400	0.0	24.3	1.4
Philippines	334900	-	12.2	0.9	304300	-9.1	13.1	0.8	319000	4.8	13.7	0.7	338600	6.1	15.0	0.8	373000	10.2	16.1	0.9
Indonesia	121000	-	4.4	0.3	66000	-45.5	2.8	0.2	105300	59.5	4.5	0.2	174100	65.3	7.7	0.4	185000	6.3	8.0	0.5
Colombia	193600	-	7.0	0.5	183800	-5.1	7.9	0.5	212200	15.5	9.1	0.5	228800	7.8	10.1	0.5	170540	-25.5	7.4	0.4
Thailand	176000	-	6.4	0.5	91000	-48.3	3.9	0.2	132000	45.1	5.7	0.3	149000	12.9	6.6	0.4	153000	2.7	6.6	0.4
Peru	55700	-	2.0	0.1	99600	78.8	4.3	0.3	42000	-57.8	1.8	0.1	38000	-9.5	1.7	0.1	142500	275.0	6.1	0.4
Total Producers	2746900	-	47.8	7.1	2331040	-15.1	44.8	6.2	2322350	-0.4	60.7	5.4	2259150	-2.7	64.4	5.4	2318690	2.6	62.3	5.8
World	38742364	-	-	-	37737222	-2.6	-	-	42928965	13.8	-	-	41714257	-2.8	-	-	40173830	-3.7	-	-

BY VALUE

Country	1997				1998				1999				2000				2001			
	Val. (1000\$)	%Chng	%Prod	%World	Val. (1000\$)	%Chng	%Prod	%World	Val. (1000\$)	%Chng	%Prod	%World	Val. (1000\$)	%Chng	%Prod	%World	Val. (1000\$)	%Chng	%Prod	%World
Malaysia	351108	-	14.2	1.1	293439	-16.4	15.0	1.0	406587	38.6	23.1	1.4	389539	-4.2	21.8	1.3	389539	0.0	21.7	1.4
Thailand	414800	-	16.8	1.3	148215	-64.3	7.6	0.5	202343	36.5	11.5	0.7	227482	12.4	12.7	0.8	216231	-4.9	12.1	0.8
Philippines	199459	-	8.1	0.6	175830	-11.8	9.0	0.6	154456	-12.2	8.8	0.5	200254	29.7	11.2	0.7	193494	-3.4	10.8	0.7
Indonesia	122094	-	4.9	0.4	70868	-42.0	3.6	0.2	107385	51.5	6.1	0.4	163119	51.9	9.1	0.6	164708	1.0	9.2	0.6
Peru	46732	-	1.9	0.1	78191	67.3	4.0	0.3	25753	-67.1	1.5	0.1	34987	35.9	2.0	0.1	161882	362.7	9.0	0.6
Colombia	121334	-	4.9	0.4	119793	-1.3	6.1	0.4	123313	2.9	7.0	0.4	112758	-8.6	6.3	0.4	126318	12.0	7.0	0.5
Total Producers	2466602	-	46.0	7.6	1957622	-20.6	39.2	6.8	1757414	-10.2	51.0	5.9	1786730	1.7	56.8	6.0	1792157	0.3	62.8	6.4
World	32390979	-	-	-	28710421	-11.4	-	-	29655308	3.3	-	-	29566334	-0.3	-	-	28044512	-5.1	-	-

**OTHER PAPER AND PAPERBOARD - EXPORTS**

BY WEIGHT

Country	1997				1998				1999				2000				2001			
	Weight (mt)	%Chng	%Prod	%World	Weight (mt)	%Chng	%Prod	%World	Weight (mt)	%Chng	%Prod	%World	Weight (mt)	%Chng	%Prod	%World	Weight (mt)	%Chng	%Prod	%World
Brazil	468800	-	31.0	1.3	310800	-33.7	18.9	0.8	420000	35.1	22.9	1.1	433000	3.1	25.0	1.1	549800	27.0	31.8	1.4
Indonesia	361000	-	23.9	1.0	379700	5.2	23.1	1.0	689900	81.7	37.6	1.8	679700	-1.5	39.2	1.7	503500	-25.9	29.1	1.3
Thailand	453000	-	30.0	1.2	733400	61.9	44.7	1.9	524200	-28.5	28.5	1.3	416600	-20.5	24.0	1.0	440000	5.6	25.4	1.1
Venezuela	129900	-	8.6	0.3	92100	-29.1	5.6	0.2	46400	-49.6	2.5	0.1	49700	7.1	2.9	0.1	69200	39.2	4.0	0.2
Colombia	21800	-	1.4	0.1	26800	22.9	1.6	0.1	38400	43.3	2.1	0.1	64800	68.8	3.7	0.2	54600	-15.7	3.2	0.1
India	2800	-	0.2	0.0	10000	257.1	0.6	0.0	18000	80.0	1.0	0.0	27800	54.4	1.6	0.1	25300	-9.0	1.5	0.1
Total Producers	1510100	-	95.0	4.0	1640250	8.6	94.1	4.3	1836100	11.9	93.6	4.7	1734300	-5.5	94.8	4.2	1729260	-0.3	93.5	4.3
World	37426744	-	-	-	38386579	2.6	-	-	39132402	1.9	-	-	40811391	4.3	-	-	40175141	-1.6	-	-

BY VALUE

Country	1997				1998				1999				2000				2001			
	Val. (1000\$)	%Chng	%Prod	%World	Val. (1000\$)	%Chng	%Prod	%World	Val. (1000\$)	%Chng	%Prod	%World	Val. (1000\$)	%Chng	%Prod	%World	Val. (1000\$)	%Chng	%Prod	%World
Brazil	292403	-	31.5	1.0	180418	-38.3	24.7	0.6	229142	27.0	28.6	0.8	230051	0.4	28.4	0.8	252097	9.6	33.3	0.9
Indonesia	162548	-	17.5	0.6	137303	-15.5	18.8	0.5	237125	72.7	29.6	0.9	285299	20.3	35.3	1.0	192000	-32.7	25.4	0.7
Thailand	319520	-	34.4	1.1	254819	-20.2	34.9	0.9	179304	-29.6	22.4	0.6	166341	-7.2	20.6	0.6	142950	-14.1	18.9	0.5
Colombia	17188	-	1.9	0.1	25492	48.3	3.5	0.1	28846	13.2	3.6	0.1	40691	41.1	5.0	0.1	48743	19.8	6.4	0.2
Venezuela	70007	-	7.5	0.3	54488	-22.2	7.5	0.2	29889	-45.1	3.7	0.1	21720	-27.3	2.7	0.1	29156	34.2	3.9	0.1
India	2493	-	0.3	0.0	9066	263.7	1.2	0.0	12287	35.5	1.5	0.0	10666	-13.2	1.3	0.0	25615	140.2	3.4	0.1
Total Producers	927752	-	92.9	3.3	729830	-21.3	89.4	2.5	801507	9.8	87.9	2.9	808675	0.9	92.0	2.8	756566	-6.4	87.9	2.7
World	27974612	-	-	-	29209631	4.4	-	-	27699811	-5.2	-	-	29026118	4.8	-	-	27802938	-4.2	-	-

**Table 1-3. Production and Trade of Reconstituted Panels, Wood Pulp and Paper by Major ITTO Producers, 1997-2001**

**HOUSEHOLD AND SANITARY PAPER - PRODUCTION**

Country	1997				1998				1999				2000				2001			
	Weight (mt)	%Chng	%Prod	%World	Weight (mt)	%Chng	%Prod	%World	Weight (mt)	%Chng	%Prod	%World	Weight (mt)	%Chng	%Prod	%World	Weight (mt)	%Chng	%Prod	%World
Brazil	565000	-	43.7	3.0	576000	1.9	42.1	3.0	571000	-0.9	41.3	2.9	597000	4.6	42.3	3.0	619000	3.7	42.4	2.9
Indonesia	89000	-	6.9	0.5	111000	24.7	8.1	0.6	162000	45.9	11.7	0.8	161000	-0.6	11.4	0.8	175000	8.7	12.0	0.8
Venezuela	181000	-	14.0	1.0	182000	0.6	13.3	0.9	175000	-3.8	12.7	0.9	159000	-9.1	11.3	0.8	165000	3.8	11.3	0.8
Colombia	113000	-	8.7	0.6	129000	14.2	9.4	0.7	125000	-3.1	9.0	0.6	132000	5.6	9.4	0.7	129000	-2.3	8.8	0.6
Malaysia	115000	-	8.9	0.6	115000	0.0	8.4	0.6	115000	0.0	8.3	0.6	115000	0.0	8.2	0.6	115000	0.0	7.9	0.5
Peru	38000	-	2.9	0.2	38000 <sup>1</sup>	0.0	2.8	0.2	38000 <sup>1</sup>	0.0	2.7	0.2	38000 <sup>1</sup>	0.0	2.7	0.2	42000 <sup>1</sup>	10.5	2.9	0.2
Panama	18000	-	1.4	0.1	22000 <sup>1</sup>	22.2	1.6	0.1	20000 <sup>1</sup>	-9.1	1.4	0.1	18000 <sup>1</sup>	-10.0	1.3	0.1	15000 <sup>1</sup>	-16.7	1.0	0.1
Total Producers	1293000	-	82.2	6.8	1368000 <sup>1</sup>	5.8	81.4	7.1	1382000 <sup>1</sup>	1.0	83.1	6.9	1410000 <sup>1</sup>	2.0	82.6	7.0	1461000 <sup>1</sup>	3.6	82.3	6.8
World	19049000	-	-	-	19253428 <sup>1</sup>	1.1	-	-	19973531 <sup>1</sup>	3.7	-	-	20159558 <sup>1</sup>	0.9	-	-	21335429 <sup>1</sup>	5.8	-	-

**HOUSEHOLD AND SANITARY PAPER - IMPORTS**

Country	1997				1998				1999				2000				2001			
	Weight (mt)	%Chng	%Prod	%World	Weight (mt)	%Chng	%Prod	%World	Weight (mt)	%Chng	%Prod	%World	Weight (mt)	%Chng	%Prod	%World	Weight (mt)	%Chng	%Prod	%World
Trinidad y Tobago	15000	-	23.2	1.1	9400	-37.3	24.0	0.7	10400	10.6	20.8	0.7	10500	1.0	23.2	0.8	12900	22.9	24.4	0.9
Colombia	3400	-	5.3	0.2	7300	114.7	18.7	0.6	3600	-50.7	7.2	0.2	6200	72.2	13.7	0.5	9700	56.5	18.3	0.7
Malaysia	4500	-	7.0	0.3	1100	-75.6	2.8	0.1	2300	109.1	4.6	0.2	5000	117.4	11.0	0.4	5000	0.0	9.4	0.3
Philippines	4600	-	7.1	0.3	5200	13.0	13.3	0.4	3000	-42.3	6.0	0.2	5500	83.3	12.1	0.4	4800	-12.7	9.1	0.3
Thailand	11000	-	17.0	0.8	2000	-81.8	5.1	0.2	2000	0.0	4.0	0.1	2000	0.0	4.4	0.2	3000	50.0	5.7	0.2
Total Producers	64700	-	59.5	4.6	39100	-39.6	63.9	3.1	49950	27.7	42.6	3.4	45350	-9.2	64.4	3.4	52950	16.8	66.9	3.7
World	1404100	-	-	-	1259831	-10.3	-	-	1477882	17.3	-	-	1327455	-10.2	-	-	1442543	8.7	-	-

**BY VALUE**

Country	1997				1998				1999				2000				2001			
	Val. (1000\$)	%Chng	%Prod	%World	Val. (1000\$)	%Chng	%Prod	%World	Val. (1000\$)	%Chng	%Prod	%World	Val. (1000\$)	%Chng	%Prod	%World	Val. (1000\$)	%Chng	%Prod	%World
Trinidad y Tobago	13000	-	13.9	0.7	8718	-32.9	23.1	0.6	8869	1.7	14.9	0.5	6832	-23.0	16.4	0.5	14506	112.3	27.3	1.0
Colombia	3748	-	4.0	0.2	6551	74.8	17.4	0.5	2575	-60.7	4.3	0.2	3862	50.0	9.3	0.3	10069	160.7	19.0	0.7
Malaysia	2000	-	2.1	0.1	1349	-32.6	3.6	0.1	2527	87.3	4.2	0.2	5094	101.6	12.2	0.4	5094	0.0	9.6	0.4
Philippines	6221	-	6.7	0.3	5750	-7.6	15.2	0.4	2618	-54.5	4.4	0.2	4791	83.0	11.5	0.3	3253	-32.1	6.1	0.2
Thailand	25939	-	27.7	1.3	1846	-92.9	4.9	0.1	2352	27.4	3.9	0.1	1890	-19.6	4.5	0.1	2960	56.6	5.6	0.2
Total Producers	93493	-	54.5	4.8	37738	-59.6	64.2	2.6	59699	58.2	31.7	3.6	41651	-30.2	53.9	3.0	53044	27.4	67.6	3.7
World	1948384	-	-	-	1443080	-25.9	-	-	1657845	14.9	-	-	1380666	-16.7	-	-	1446411	4.8	-	-

**HOUSEHOLD AND SANITARY PAPER - EXPORTS**

Country	1997				1998				1999				2000				2001			
	Weight (mt)	%Chng	%Prod	%World	Weight (mt)	%Chng	%Prod	%World	Weight (mt)	%Chng	%Prod	%World	Weight (mt)	%Chng	%Prod	%World	Weight (mt)	%Chng	%Prod	%World
Indonesia	6000	-	10.6	0.4	45000	650.0	41.0	3.1	71800	59.6	51.7	4.9	78700	9.6	72.4	5.7	77400	-1.7	63.7	5.2
Brazil	14000	-	24.8	1.0	10500	-25.0	9.6	0.7	25000	138.1	18.0	1.7	10000	-60.0	9.2	0.7	20900	109.0	17.2	1.4
Colombia	4400	-	7.8	0.3	10200	131.8	9.3	0.7	10600	3.9	7.6	0.7	13900	31.1	12.8	1.0	11800	-15.1	9.7	0.8
Peru	0	-	0.0	0.0	0	-	0.0	0.0	0	-	0.0	0.0	3000	-	2.8	0.2	10000	233.3	8.2	0.7
Panama	0	-	0.0	0.0	2000	-	1.8	0.1	1200	-40.0	0.9	0.1	1000	-16.7	0.9	0.1	800	-20.0	0.7	0.1
Venezuela	9500	-	16.8	0.7	41600	337.9	37.9	2.8	30000	-27.9	21.6	2.1	0	-	0.0	0.0	0	-	0.0	0.0
Total Producers	56500	-	43.2	4.0	109700	94.2	61.7	7.5	139000	26.7	78.1	9.5	108700	-21.8	98.1	7.8	121600	11.9	99.4	8.2
World	1420700	-	-	-	1462267	2.9	-	-	1461776	0.0	-	-	1386204	-5.2	-	-	1490973	7.6	-	-

**BY VALUE**

Country	1997				1998				1999				2000				2001			
	Val. (1000\$)	%Chng	%Prod	%World	Val. (1000\$)	%Chng	%Prod	%World	Val. (1000\$)	%Chng	%Prod	%World	Val. (1000\$)	%Chng	%Prod	%World	Val. (1000\$)	%Chng	%Prod	%World
Indonesia	6700	-	5.7	0.4	34823	419.7	37.7	2.3	53542	53.8	44.2	3.4	63900	19.3	76.8	4.1	56978	-10.8	63.7	3.5
Brazil	15608	-	13.2	0.9	10615	-32.0	11.5	0.7	34207	222.3	28.2	2.2	8361	-75.6	10.0	0.5	15869	89.8	17.7	1.0
Colombia	3157	-	2.7	0.2	9240	192.7	10.0	0.6	8078	-12.6	6.7	0.5	6723	-16.8	8.1	0.4	9887	47.1	11.1	0.6
Peru	0	-	0.0	0.0	0	-	0.0	0.0	0	-	0.0	0.0	1843	-	2.2	0.1	5432	194.7	6.1	0.3
Panama	0	-	0.0	0.0	1457	-	1.6	0.1	768	-47.3	0.6	0.0	913	18.9	1.1	0.1	885	-3.1	1.0	0.1
Venezuela	23943	-	20.3	1.4	35006	46.2	37.9	2.3	23689	-32.3	19.6	1.5	0	-	0.0	0.0	0	-	0.0	0.0
Total Producers	118212	-	21.5	6.8	92401	-21.8	60.8	6.1	121157	31.1	79.7	7.8	83209	-31.3	98.2	5.4	89433	7.5	99.6	5.4
World	1737767	-	-	-	1519762	-12.5	-	-	1557435	2.5	-	-	1546708	-0.7	-	-	1642290	6.2	-	-

**Table 1-3. Production and Trade of Reconstituted Panels, Wood Pulp and Paper by Major ITTO Producers, 1997-2001**

**WRAPPING AND PACKAGING PAPER AND PAPERBOARD - PRODUCTION**

Country	1997				1998				1999				2000				2001			
	Weight (mt)	%Chng	%Prod	%World	Weight (mt)	%Chng	%Prod	%World	Weight (mt)	%Chng	%Prod	%World	Weight (mt)	%Chng	%Prod	%World	Weight (mt)	%Chng	%Prod	%World
Brazil	3386000	-	33.4	2.4	3401000	0.4	31.9	2.4	3209000	-5.6	27.7	2.2	3347000	4.3	29.4	2.3	3981000	18.9	32.8	2.7
Indonesia	2590000	-	25.5	1.8	2831000	9.3	26.6	2.0	3417000	20.7	29.5	2.3	3411000	-0.2	30.0	2.3	3497000	2.5	28.8	2.4
India	1390000	-	13.7	1.0	1480000	6.5	13.9	1.1	1675000	13.2	14.5	1.1	1694000	1.1	14.9	1.1	1694000	0.0	14.0	1.2
Thailand	1309000	-	12.9	0.9	1285000	-1.8	12.1	0.9	1486000	15.6	12.8	1.0	1412000	-5.0	12.4	1.0	1429000	1.2	11.8	1.0
Philippines	269000	-	2.7	0.2	504000	87.4	4.7	0.4	504000	0.0	4.4	0.3	504000	0.0	4.4	0.3	470000	-6.7	3.9	0.3
Colombia	352000	-	3.5	0.3	347000	-1.4	3.3	0.2	346000	-0.3	3.0	0.2	366000	5.8	3.2	0.2	360000	-1.6	3.0	0.2
Venezuela	175000	-	1.7	0.1	97000	-44.6	0.9	0.1	220000	126.8	1.9	0.2	159000	-27.7	1.4	0.1	148000	-6.9	1.2	0.1
Total Producers	10146000	-	88.2	7.2	10656000	5.0	89.2	7.6	11566400	8.5	89.0	7.9	11385200	-1.6	91.1	7.7	12132300	6.6	91.3	8.2
World	140012300	-	-	-	140798538	0.6	-	-	145780346	3.5	-	-	148139386	1.6	-	-	147162722	-0.7	-	-

**WRAPPING AND PACKAGING PAPER AND PAPERBOARD - IMPORTS**

Country	1997				1998				1999				2000				2001			
	Weight (mt)	%Chng	%Prod	%World	Weight (mt)	%Chng	%Prod	%World	Weight (mt)	%Chng	%Prod	%World	Weight (mt)	%Chng	%Prod	%World	Weight (mt)	%Chng	%Prod	%World
Malaysia	205000	-	12.1	0.8	328900	60.4	17.6	1.2	560700	70.5	28.9	1.8	508000	-9.4	27.6	1.5	508000	0.0	28.1	1.5
Philippines	285200	-	16.8	1.1	260700	-8.6	14.0	1.0	295900	13.5	15.2	1.0	299900	1.4	16.3	0.9	330400	10.2	18.3	1.0
Indonesia	44000	-	2.6	0.2	54500	23.9	2.9	0.2	77200	41.7	4.0	0.3	138200	79.0	7.5	0.4	150700	9.0	8.3	0.5
Colombia	177000	-	10.4	0.7	166400	-6.0	8.9	0.6	198900	19.5	10.2	0.6	202100	1.6	11.0	0.6	148040	-26.7	8.2	0.4
Guatemala	70700	-	4.2	0.3	98200	38.9	5.3	0.4	92200	-6.1	4.7	0.3	116700	26.6	6.3	0.3	136600	17.1	7.6	0.4
Brazil	331000	-	19.5	1.3	334000	0.9	17.9	1.2	107000	-68.0	5.5	0.3	133000	24.3	7.2	0.4	81800	-38.5	4.5	0.2
Total Producers	1697900	-	46.1	6.5	1865400	9.9	48.7	6.9	1942000	4.1	63.1	6.3	1841450	-5.2	68.7	5.5	1808090	-1.8	70.4	5.5
World	26091136	-	-	-	26852805	2.9	-	-	30870239	15.0	-	-	33517817	8.6	-	-	33140588	-1.1	-	-

Country	1997				1998				1999				2000				2001			
	Val. (1000\$)	%Chng	%Prod	%World	Val. (1000\$)	%Chng	%Prod	%World	Val. (1000\$)	%Chng	%Prod	%World	Val. (1000\$)	%Chng	%Prod	%World	Val. (1000\$)	%Chng	%Prod	%World
Malaysia	133000	-	11.9	0.7	218867	64.6	16.3	1.2	322040	47.1	26.3	1.6	296611	-7.9	24.6	1.4	296611	0.0	26.7	1.4
Philippines	151886	-	13.6	0.8	127433	-16.1	9.5	0.7	123136	-3.4	10.0	0.6	157459	27.9	13.0	0.7	153420	-2.6	13.8	0.7
Brazil	312503	-	27.9	1.6	315641	1.0	23.5	1.7	140396	-55.5	11.5	0.7	170900	21.7	14.2	0.8	111976	-34.5	10.1	0.5
Indonesia	30000	-	2.7	0.2	36607	22.0	2.7	0.2	58501	59.8	4.8	0.3	102057	74.5	8.5	0.5	105587	3.5	9.5	0.5
Colombia	86106	-	7.7	0.4	96702	12.3	7.2	0.5	105904	9.5	8.6	0.5	90552	-14.5	7.5	0.4	97023	7.1	8.7	0.5
Guatemala	48828	-	4.4	0.2	66180	35.5	4.9	0.4	51776	-21.8	4.2	0.3	74425	43.7	6.2	0.3	71391	-4.1	6.4	0.3
Total Producers	1118940	-	63.8	5.7	1345780	20.3	59.1	7.1	1225973	-8.9	61.2	6.2	1206981	-1.5	67.7	5.6	1110545	-8.0	68.9	5.3
World	19762075	-	-	-	18898360	-4.4	-	-	19675861	4.1	-	-	21654515	10.1	-	-	20758163	-4.1	-	-

**WRAPPING AND PACKAGING PAPER AND PAPERBOARD - EXPORTS**

Country	1997				1998				1999				2000				2001			
	Weight (mt)	%Chng	%Prod	%World	Weight (mt)	%Chng	%Prod	%World	Weight (mt)	%Chng	%Prod	%World	Weight (mt)	%Chng	%Prod	%World	Weight (mt)	%Chng	%Prod	%World
Brazil	450500	-	37.4	1.4	296000	-34.3	21.4	0.9	387000	30.7	25.4	1.2	413400	6.8	28.4	1.2	523700	26.7	36.3	1.5
Thailand	372000	-	30.9	1.2	672000	80.6	48.6	2.1	509000	-24.3	33.3	1.5	399600	-21.5	27.4	1.1	424000	6.1	29.4	1.2
Indonesia	298000	-	24.8	1.0	326400	9.5	23.6	1.0	562300	72.3	36.8	1.7	545900	-2.9	37.4	1.6	375400	-31.2	26.0	1.1
Venezuela	61100	-	5.1	0.2	49900	-18.3	3.6	0.2	16000	-67.9	1.0	0.0	16400	2.5	1.1	0.0	35900	118.9	2.5	0.1
Colombia	15400	-	1.3	0.0	12500	-18.8	0.9	0.0	21400	71.2	1.4	0.1	28600	33.6	2.0	0.1	25800	-9.8	1.8	0.1
India	0	-	0.0	0.0	0	-	0.0	0.0	0	-	0.0	0.0	9200	-	0.6	0.0	23200	152.2	1.6	0.1
Philippines	1300	-	0.1	0.0	700	-46.2	0.1	0.0	2100	200.0	0.1	0.0	16700	695.2	1.1	0.0	2900	-82.6	0.2	0.0
Total Producers	1203100	-	99.5	3.9	1382300	14.9	98.2	4.3	1526400	10.4	98.0	4.6	1457900	-4.5	96.3	4.2	1442560	-1.1	96.0	4.2
World	31203679	-	-	-	32508607	4.2	-	-	33430027	2.8	-	-	34924551	4.5	-	-	34554906	-1.1	-	-

Country	1997				1998				1999				2000				2001			
	Val. (1000\$)	%Chng	%Prod	%World	Val. (1000\$)	%Chng	%Prod	%World	Val. (1000\$)	%Chng	%Prod	%World	Val. (1000\$)	%Chng	%Prod	%World	Val. (1000\$)	%Chng	%Prod	%World
Brazil	265411	-	43.5	1.3	158939	-40.1	30.3	0.7	182063	14.5	33.7	0.8	205726	13.0	34.7	0.9	232204	12.9	43.9	1.1
Thailand	184703	-	30.2	0.9	219934	19.1	42.0	1.0	160577	-27.0	29.7	0.7	147907	-7.9	25.0	0.7	121853	-17.6	23.0	0.6
Indonesia	123848	-	20.3	0.6	98654	-20.3	18.8	0.4	160171	62.4	29.6	0.7	194248	21.3	32.8	0.9	111008	-42.9	21.0	0.5
India	0	-	0.0	0.0	0	-	0.0	0.0	0	-	0.0	0.0	7753	-	1.3	0.0	21076	171.8	4.0	0.1
Venezuela	22708	-	3.7	0.1	19040	-16.2	3.6	0.1	5890	-69.1	1.1	0.0	7105	20.6	1.2	0.0	14541	104.7	2.7	0.1
Colombia	9192	-	1.5	0.0	0	-100.0	0.0	0.0	11408	-	2.1	0.1	12183	6.8	2.1	0.1	12707	4.3	2.4	0.1
Philippines	1347	-	0.2	0.0	922	-31.6	0.2	0.0	1564	69.6	0.3	0.0	4583	193.0	0.8	0.0	689	-85.0	0.1	0.0
Total Producers	610781	-	97.7	2.9	523699	-14.3	94.8	2.3	540991	3.3	94.0	2.5	592528	9.5	95.0	2.6	529352	-10.7	94.6	2.5
World	20739659	-	-	-	22331074	7.7	-	-	21448622	-4.0	-	-	22428478	4.6	-	-	21406957	-4.6	-	-

**Table 1-3. Production and Trade of Reconstituted Panels, Wood Pulp and Paper by Major ITTO Producers, 1997-2001**

**OTHER PAPER AND PAPERBOARD NES - PRODUCTION**

Country	1997				1998				1999				2000				2001			
	Weight (mt)	%Chng	%Prod	%World	Weight (mt)	%Chng	%Prod	%World	Weight (mt)	%Chng	%Prod	%World	Weight (mt)	%Chng	%Prod	%World	Weight (mt)	%Chng	%Prod	%World
Brazil	263000	-	22.0	1.6	308000	17.1	26.5	1.8	163000	-47.1	18.7	0.9	163000	0.0	22.2	0.9	374000	129.4	39.0	2.0
Malaysia	222000	-	18.6	1.4	212000 <sup>1</sup>	-4.5	18.2	1.3	234000 <sup>1</sup>	10.4	26.9	1.3	201000 <sup>1</sup>	-14.1	27.3	1.1	234000 <sup>1</sup>	16.4	24.4	1.3
Thailand	231000	-	19.3	1.4	246000	6.5	21.2	1.5	144000	-41.5	16.6	0.8	149000	3.5	20.3	0.8	160000	7.4	16.7	0.9
Indonesia	243000	-	20.4	1.5	212000	-12.8	18.2	1.3	134000	-36.8	15.4	0.8	110000	-17.9	15.0	0.6	115000	4.5	12.0	0.6
Venezuela	62000 <sup>1</sup>	-	5.2	0.4	3000	-95.2	0.3	0.0	3000	0.0	0.3	0.0	36000 <sup>1</sup>	1100.0	4.9	0.2	36000 <sup>1</sup>	0.0	3.8	0.2
Colombia	25000	-	2.1	0.2	28000	12.0	2.4	0.2	29000	3.6	3.3	0.2	32000	10.3	4.4	0.2	30000	-6.3	3.1	0.2
Total Producers	1194000 <sup>1</sup>	-	80.3	7.4	1163000 <sup>1</sup>	-2.6	84.1	7.0	870000 <sup>1</sup>	-25.2	77.6	4.9	735000 <sup>1</sup>	-15.5	84.8	4.0	960000 <sup>1</sup>	30.6	92.0	5.2
World	16179300 <sup>1</sup>	-	-	-	16675611 <sup>1</sup>	3.1	-	-	17808520 <sup>1</sup>	6.8	-	-	18211335 <sup>1</sup>	2.3	-	-	18348665 <sup>1</sup>	0.8	-	-

**OTHER PAPER AND PAPERBOARD NES - IMPORTS**

BY WEIGHT

Country	1997				1998				1999				2000				2001			
	Weight (mt)	%Chng	%Prod	%World	Weight (mt)	%Chng	%Prod	%World	Weight (mt)	%Chng	%Prod	%World	Weight (mt)	%Chng	%Prod	%World	Weight (mt)	%Chng	%Prod	%World
Peru	0	-	0.0	0.0	0	-	0.0	0.0	1000	-	0.3	0.0	2000	100.0	0.5	0.0	129000	6350.0	28.2	2.3
Thailand	112000	-	11.4	1.0	43000	-61.6	10.1	0.5	39000	-9.3	11.8	0.4	54000	38.5	14.5	0.8	62000	14.8	13.6	1.1
Malaysia	278000	-	28.3	2.5	69000	-75.2	16.2	0.7	79000	14.5	23.9	0.8	50400	-36.2	13.6	0.7	50400	0.0	11.0	0.9
Philippines	45100	-	4.6	0.4	38400	-14.9	9.0	0.4	20100	-47.7	6.1	0.2	33200	65.2	8.9	0.5	37800	13.9	8.3	0.7
India	33600	-	3.4	0.3	53500	59.2	12.6	0.6	57000	6.5	17.3	0.5	68100	19.5	18.3	1.0	34700	-49.0	7.6	0.6
Indonesia	76000	-	7.7	0.7	10900	-85.7	2.6	0.1	27500	152.3	8.3	0.3	33800	22.9	9.1	0.5	33000	-2.4	7.2	0.6
Total Producers	983300	-	47.7	8.9	425100	-56.8	48.0	4.5	329900	-22.4	59.4	3.1	371600	12.6	55.9	5.4	457400	23.1	68.6	8.3
World	10994736	-	-	-	9525391	-13.4	-	-	10499518	10.2	-	-	6818508	-35.1	-	-	5542531	-18.7	-	-

BY VALUE

Country	1997				1998				1999				2000				2001			
	Val. (1000\$)	%Chng	%Prod	%World	Val. (1000\$)	%Chng	%Prod	%World	Val. (1000\$)	%Chng	%Prod	%World	Val. (1000\$)	%Chng	%Prod	%World	Val. (1000\$)	%Chng	%Prod	%World
Peru	0	-	0.0	0.0	0	-	0.0	0.0	925	-	0.2	0.0	3337	260.8	0.6	0.1	153800	4508.9	24.5	2.7
Thailand	335320	-	26.8	3.2	103390	-69.2	18.1	1.2	127670	23.5	27.1	1.5	143534	12.4	26.7	2.2	140925	-1.8	22.4	2.4
Malaysia	216108	-	17.3	2.1	73223	-66.1	12.8	0.9	82020	12.0	17.4	1.0	87834	7.1	16.3	1.4	87834	0.0	14.0	1.5
Indonesia	90794	-	7.2	0.9	33120	-63.5	5.8	0.4	47743	44.2	10.1	0.6	58854	23.3	11.0	0.9	57320	-2.6	9.1	1.0
Philippines	41352	-	3.3	0.4	42647	3.1	7.5	0.5	28702	-32.7	6.1	0.3	38004	32.4	7.1	0.6	36821	-3.1	5.9	0.6
India	25871	-	2.1	0.2	43900	69.7	7.7	0.5	46700	6.4	9.9	0.6	59410	27.2	11.1	0.9	17341	-70.8	2.8	0.3
Total Producers	1252624	-	54.6	12.1	571959	-54.3	44.1	6.9	471093	-17.6	60.9	5.7	537335	14.1	61.7	8.3	628404	16.9	75.9	10.8
World	10369739	-	-	-	8277256	-20.2	-	-	8246880	-0.4	-	-	6485460	-21.4	-	-	5796799	-10.6	-	-

**OTHER PAPER AND PAPERBOARD NES - EXPORTS**

BY WEIGHT

Country	1997				1998				1999				2000				2001			
	Weight (mt)	%Chng	%Prod	%World	Weight (mt)	%Chng	%Prod	%World	Weight (mt)	%Chng	%Prod	%World	Weight (mt)	%Chng	%Prod	%World	Weight (mt)	%Chng	%Prod	%World
Indonesia	57000	-	22.8	1.2	8300	-85.4	5.6	0.2	55800	572.3	32.7	1.3	55100	-1.3	32.9	1.2	50700	-8.0	30.7	1.2
Venezuela	59300	-	23.7	1.2	600	-99.0	0.4	0.0	400	-33.3	0.2	0.0	33300	8225.0	19.9	0.7	33300	0.0	20.2	0.8
Malaysia	44100	-	17.6	0.9	41000	-7.0	27.7	0.9	49100	19.8	28.8	1.2	24300	-50.5	14.5	0.5	24300	0.0	14.7	0.6
Colombia	2000	-	0.8	0.0	4100	105.0	2.8	0.1	6400	56.1	3.7	0.2	22300	248.4	13.3	0.5	17000	-23.8	10.3	0.4
Thailand	59000	-	23.6	1.2	61000	3.4	41.1	1.4	15000	-75.4	8.8	0.4	17000	13.3	10.1	0.4	16000	-5.9	9.7	0.4
Brazil	4300	-	1.7	0.1	4300	0.0	2.9	0.1	8000	86.0	4.7	0.2	9600	20.0	5.7	0.2	5200	-45.8	3.1	0.1
Total Producers	250500	-	88.4	5.3	148250	-40.8	77.6	3.4	170700	15.1	74.2	4.0	167700	-1.8	90.6	3.7	165100	-1.6	85.6	4.0
World	4755219	-	-	-	4410708	-7.2	-	-	4235970	-4.0	-	-	4496815	6.2	-	-	4125586	-8.3	-	-

BY VALUE

Country	1997				1998				1999				2000				2001			
	Val. (1000\$)	%Chng	%Prod	%World	Val. (1000\$)	%Chng	%Prod	%World	Val. (1000\$)	%Chng	%Prod	%World	Val. (1000\$)	%Chng	%Prod	%World	Val. (1000\$)	%Chng	%Prod	%World
Malaysia	44266	-	22.3	0.8	34818	-21.3	30.6	0.6	51582	48.1	37.0	1.1	28487	-44.8	21.4	0.6	28487	0.0	20.7	0.6
Colombia	4839	-	2.4	0.1	8307	71.7	7.3	0.2	9360	12.7	6.7	0.2	21785	132.7	16.4	0.4	26149	20.0	19.0	0.6
Indonesia	32000	-	16.1	0.6	3826	-88.0	3.4	0.1	23412	511.9	16.8	0.5	27151	16.0	20.4	0.5	24014	-11.6	17.4	0.5
Thailand	68095	-	34.3	1.2	33625	-50.6	29.6	0.6	17978	-46.5	12.9	0.4	18434	2.5	13.9	0.4	21097	14.4	15.3	0.4
Venezuela	23356	-	11.8	0.4	442	-98.1	0.4	0.0	310	-29.9	0.2	0.0	14615	4614.5	11.0	0.3	14615	0.0	10.6	0.3
Brazil	11384	-	5.7	0.2	10864	-4.6	9.6	0.2	12872	18.5	9.2	0.3	15964	24.0	12.0	0.3	4024	-74.8	2.9	0.1
Total Producers	198759	-	86.8	3.6	113678	-42.8	71.3	2.1	139306	22.5	73.7	3.0	132938	-4.6	83.1	2.6	137781	3.6	83.0	2.9
World	5489923	-	-	-	5357681	-2.4	-	-	4693098	-12.4	-	-	5049604	7.6	-	-	4742985	-6.1	-	-



## Appendix 2

### Direction of Trade

### in Volume of Primary Tropical Timber Products between Major ITTO Producers and Consumers in 2001

Table 2-1. Logs.....	143
Table 2-2. Sawnwood.....	144
Table 2-3. Veneer .....	145
Table 2-4. Plywood.....	146

<<An asterisk (\*) next to a country name means that neither ITTO nor COMTRADE received data for trading partners from the country but that estimates were obtained for some trade flows by examining trading partner reports in COMTRADE (“backwards” or “mirror” analysis). When data for the trading partner was also sourced from COMTRADE (e.g. most consumer countries), this results in identical data being reported for both trading partners.>>



**Table 2-1. Trade of Tropical Logs, 2001 (m3)**

<i>Exporters</i>	<i>Malaysia</i>	<i>Indonesia</i>	<i>Gabon</i>	<i>Papua New Guinea</i>	<i>Myanmar</i>	<i>Liberia*</i>	<i>Congo,* Rep. of</i>	<i>Central African* Republic</i>	<i>Cameroon</i>	<i>Ecuador</i>	<i>Cote d'Ivoire</i>	<i>Guyana</i>	<i>Others</i>	<i>Total</i>
<b>Importers</b>														
<b>China</b>	<b>1,505,636</b>	<b>1,137,497</b>	<b>1,124,660</b>	<b>910,193</b>	<b>513,574</b>	<b>313,413</b>	<b>56,779</b>	<b>2,517</b>	<b>123,827</b>	-	-	<b>13,999</b>	<b>1,250,209</b>	<b>6,952,304</b>
	<i>1,072,300</i>	<i>5,647</i>	<i>921,000</i>	<i>842,000</i>	<i>3,237</i>	<i>322,032</i>	<i>58,340</i>	<i>2,586</i>	<i>53,159</i>	<i>235</i>	-	<i>5,237</i>		
<b>Taiwan, P.O.C*</b>	<b>781,010</b>	<b>643,162</b>	<b>687,502</b>	<b>35,616</b>	<b>1,374</b>	<b>23</b>	<b>3,329</b>	<b>-</b>	<b>1,788</b>	-	-	<b>3,481</b>	<b>1,019,980</b>	<b>3,177,265</b>
	<i>663,960</i>	<i>177</i>	<i>37,000</i>	<i>15,600</i>	-	<i>23</i>	<i>3,329</i>	-	<i>1,193</i>	-	-	-		
<b>Japan</b>	<b>1,435,427</b>	<b>156,199</b>	<b>40,582</b>	<b>400,501</b>	<b>892</b>	<b>30</b>	<b>3,794</b>	<b>3,271</b>	<b>4,528</b>	-	-	<b>1,662</b>	<b>100,114</b>	<b>2,147,000</b>
	<i>1,361,500</i>	<i>8,416</i>	<i>21,000</i>	<i>421,200</i>	<i>930</i>	<i>31</i>	<i>3,898</i>	<i>3,361</i>	<i>1,365</i>	-	-	-		
<b>India*</b>	<b>942,201</b>	-	-	-	-	-	-	-	<b>1,971</b>	-	-	-	<b>1,096,783</b>	<b>2,040,955</b>
	<i>982,000</i>	-	<i>133,000</i>	-	<i>770,544</i>	-	-	-	<i>1,509</i>	<i>26,440</i>	<i>127,000</i>	<i>4,100</i>		
<b>Malaysia</b>		<b>714,600</b>	<b>3,000</b>	<b>4,000</b>	<b>18,000</b>	-	-	-	-	-	-	-	<b>6,400</b>	<b>746,000</b>
		<i>3,179</i>	<i>10,000</i>	<i>4,019</i>	<i>5,791</i>	-	-	-	-	-	-	-		
<b>France</b>	<b>10</b>	-	<b>415,227</b>	-	<b>1,213</b>	<b>124,628</b>	<b>61,723</b>	<b>13,368</b>	<b>55,400</b>	-	<b>1,510</b>	-	<b>61,920</b>	<b>735,000</b>
	-	-	<i>510,000</i>	-	-	<i>124,628</i>	<i>61,723</i>	<i>13,368</i>	<i>19,918</i>	<i>48</i>	-	-		
<b>Korea, Rep. of</b>	<b>191,000</b>	<b>60,000</b>	<b>27,000</b>	<b>238,000</b>	-	-	-	-	<b>1,000</b>	-	-	-	<b>37,000</b>	<b>554,000</b>
	<i>172,000</i>	<i>1,485</i>	-	-	-	<i>132</i>	<i>2,442</i>	<i>493</i>	<i>639</i>	-	-	-		
<b>Hong Kong, S.A.R.</b>	<b>369,001</b>	<b>24,653</b>	<b>76,335</b>	<b>26</b>	<b>9,831</b>	<b>340</b>	<b>8,231</b>	<b>1,172</b>	<b>6,265</b>	<b>91</b>	-	-	<b>15,409</b>	<b>511,355</b>
	<i>416,040</i>	<i>112</i>	<i>117,000</i>	-	<i>27,474</i>	<i>340</i>	<i>8,231</i>	<i>1,172</i>	-	-	-	<i>11,977</i>		
<b>Thailand</b>	<b>81,000</b>	<b>107,000</b>	<b>6,000</b>	-	<b>124,000</b>	-	-	-	-	-	-	-	<b>115,000</b>	<b>433,000</b>
	<i>28,000</i>	<i>2,353</i>	-	-	<i>119,525</i>	-	-	-	-	-	-	-		
<b>Portugal</b>	-	-	<b>114,400</b>	-	-	<b>23,600</b>	<b>61,300</b>	<b>16,100</b>	<b>45,400</b>	-	<b>1,800</b>	-	<b>157,400</b>	<b>420,000</b>
	-	-	<i>109,000</i>	-	-	-	-	-	<i>5,550</i>	<i>13</i>	-	-		
<b>Italy</b>	<b>220</b>	<b>133</b>	<b>44,197</b>	-	<b>1,916</b>	<b>50,190</b>	<b>95,170</b>	<b>11,708</b>	<b>63,150</b>	<b>32</b>	<b>1,296</b>	-	<b>7,989</b>	<b>276,000</b>
	-	<i>83</i>	<i>65,000</i>	-	<i>2,255</i>	<i>50,190</i>	<i>158,876</i>	<i>11,708</i>	<i>83,672</i>	-	-	-		
<b>Philippines</b>	<b>34,550</b>	<b>74,604</b>	<b>405</b>	<b>25,393</b>	-	-	-	-	-	-	-	-	<b>124,383</b>	<b>259,335</b>
	-	-	<i>38,000</i>	<i>31,200</i>	-	-	-	-	-	-	-	-		
<b>Others</b>														
	<i>344,816</i>	<i>3,430,534</i>	<i>544,000</i>	<i>242,201</i>	<i>81,491</i>	<i>402,624</i>	<i>99,240</i>	<i>280,312</i>	<i>66,305</i>	<i>147,716</i>	<i>0</i>	<i>19,686</i>		
<b>Total</b>	<b>5,040,616</b>	<b>3,451,985</b>	<b>2,505,000</b>	<b>1,556,220</b>	<b>1,011,247</b>	<b>900,000</b>	<b>396,080</b>	<b>313,000</b>	<b>233,310</b>	<b>174,453</b>	<b>127,000</b>	<b>41,000</b>		

**Table 2-2. Trade of Tropical Sawnwood, 2001 (m3)**

<i>Exporters</i>	<i>Malaysia</i>	<i>Indonesia</i>	<i>Brazil</i>	<i>Cameroon</i>	<i>Côte d'Ivoire</i>	<i>Thailand</i>	<i>China</i>	<i>Myanmar</i>	<i>Ghana</i>	<i>Belgium</i>	<i>Philippines</i>	<i>Congo, Rep. of</i>	<i>Others</i>	<b>Total Imports</b>
<b>Importers</b>														
<b>China</b>	417,198 <sup>*</sup>	1,168,114 <sup>*</sup>	80,399 <sup>*</sup>	13,693 <sup>*</sup>	386 <sup>*</sup>	330,675 <sup>*</sup>		131,106 <sup>*</sup>	4,113 <sup>*</sup>	- <sup>c</sup>	549	1,449 <sup>*</sup>	759,100 <sup>*</sup>	2,906,782
	162,500	112,643 <sup>w</sup>	83,080 <sup>w</sup>	9,771	-	156,000		515	2,170	42 <sup>c</sup>	4,051	1,450 <sup>c</sup>		
<b>Thailand</b>	639,000	9,000	38,000	-	-		-	21,000	-	-	-	-	293,000	1,000,000
	543,520	3,667 <sup>w</sup>	57,493 <sup>w</sup>	-	-		-	6,398	-	-	68	-		
<b>Japan</b>	272,696	261,015	17,808	1,433	121	15,339	-	1,063	1,084	-	4,911	75	25,455	601,000
	236,490	32,023 <sup>w</sup>	15,164 <sup>w</sup>	1,351	-	1,000	1,130 <sup>c</sup>	758	914	4 <sup>c</sup>	170	75 <sup>c</sup>		
<b>Spain</b>	300 <sup>*</sup>	400 <sup>*</sup>	135,000 <sup>*</sup>	194,300 <sup>*</sup>	138,100 <sup>*</sup>	-	-	-	5,900 <sup>*</sup>	-	-	16,300 <sup>*</sup>	62,700	553,000
	20	-	146,689 <sup>w</sup>	136,670	81,000	-	-	-	7,027	698 <sup>c</sup>	-	-		
<b>Hong Kong, S.A.R.</b>	189,857 <sup>c</sup>	153,776 <sup>c</sup>	34,767 <sup>c</sup>	2,339 <sup>c</sup>	17 <sup>c</sup>	52,435 <sup>c</sup>	11,934 <sup>c</sup>	7,180 <sup>c</sup>	1,756 <sup>c</sup>	19 <sup>c</sup>	62 <sup>c</sup>	328 <sup>c</sup>	34,104 <sup>c</sup>	488,574 <sup>c</sup>
	137,520	22,956 <sup>w</sup>	35,272 <sup>w</sup>	2,029	-	142,000	1,272 <sup>c</sup>	2,260	5,901	69 <sup>c</sup>	118	328 <sup>c</sup>		
<b>Malaysia</b>		32,520 <sup>i</sup>	0 <sup>r</sup>	-	-	43,900 <sup>i</sup>	-	9,000	-	-	5,900	-	381,680	473,000
		4,799 <sup>w</sup>	276 <sup>w</sup>	69	-	10,000	13 <sup>c</sup>	1,120	411	-	470	-		
<b>France</b>	28,259 <sup>c</sup>	3,335 <sup>c</sup>	118,625 <sup>c</sup>	51,541 <sup>c</sup>	19,344 <sup>c</sup>	10 <sup>c</sup>	-	2,357 <sup>c</sup>	17,287 <sup>c</sup>	16,250 <sup>c</sup>	6 <sup>c</sup>	7,156 <sup>c</sup>	131,830	396,000
	12,440	275 <sup>w</sup>	131,221 <sup>w</sup>	68,311	23,000	-	58 <sup>c</sup>	-	24,139	29,578 <sup>c</sup>	82,504	7,156 <sup>c</sup>		
<b>Netherlands</b>	195,000 <sup>*</sup>	6,200 <sup>*</sup>	65,900 <sup>*</sup>	86,100 <sup>*</sup>	14,300 <sup>*</sup>	-	-	900 <sup>*</sup>	2,400 <sup>*</sup>	-	-	100 <sup>*</sup>	17,000	387,900
	210,260	3,705 <sup>w</sup>	104,966 <sup>w</sup>	66,237	17,000	-	-	-	6,234	101,629 <sup>c</sup>	14	147 <sup>c</sup>		
<b>Korea, Rep. of</b>	200,000	152,000 <sup>i</sup>	2,000	-	-	-	-	-	-	-	-	-	4,000	358,000
	72,000	14,714 <sup>w</sup>	-	304	-	-	43 <sup>c</sup>	-	-	-	265	-		
<b>United Kingdom</b>	51,281 <sup>c</sup>	4,325 <sup>c</sup>	11,289 <sup>c</sup>	38,686 <sup>c</sup>	14,293 <sup>c</sup>	13 <sup>c</sup>	-	493 <sup>c</sup>	13,479 <sup>c</sup>	4,680 <sup>c</sup>	746 <sup>c</sup>	2,325 <sup>c</sup>	206,333	347,946
	53,290	2,718 <sup>w</sup>	11,363 <sup>w</sup>	26,224	16,000	-	-	-	16,336	13,467 <sup>c</sup>	24	2,325 <sup>c</sup>		
<b>Italy</b>	30,211 <sup>c</sup>	11,693 <sup>c</sup>	10,996 <sup>c</sup>	91,077 <sup>c</sup>	80,224 <sup>c</sup>	120 <sup>c</sup>	-	2,044 <sup>c</sup>	19,407 <sup>c</sup>	4 <sup>c</sup>	16 <sup>c</sup>	3,917 <sup>c</sup>	34,291	284,000
	32,490	2,682 <sup>w</sup>	15,430 <sup>w</sup>	161,396	113,000	-	18 <sup>c</sup>	184	23,291	83 <sup>c</sup>	-	3,917 <sup>c</sup>		
<b>USA</b>	28,078 <sup>c</sup>	19,169 <sup>c</sup>	110,437 <sup>c</sup>	8,991 <sup>c</sup>	13,355 <sup>c</sup>	1,860 <sup>c</sup>	-	2,019 <sup>c</sup>	11,554 <sup>c</sup>	-	7,506 <sup>c</sup>	16 <sup>c</sup>	74,015	277,000
	13,640	9,609 <sup>w</sup>	123,316 <sup>w</sup>	9,420	15,000	-	-	-	-	3 <sup>c</sup>	80	16 <sup>c</sup>		
<b>Others</b>														
	883,157	2,038,456 <sup>w</sup>	288,940 <sup>w</sup>	148,718	131,000	24,000	310,749 <sup>c</sup>	231,373	152,349	15,427 <sup>c</sup>	9,697	79,298		
<b>Total Exports</b>	2,357,327 <sup>*</sup>	2,248,246 <sup>w</sup>	1,013,211 <sup>w</sup>	630,500	396,000	333,000	313,284	242,608	238,772	161,000	97,461 <sup>i</sup>	94,713 <sup>*</sup>		

Table 2-3. Trade of Tropical Veneer, 2001 (m3)

<i>Exporters</i>	<i>Malaysia</i>	<i>Côte d'Ivoire</i>	<i>Ghana</i>	<i>Gabon</i>	<i>Brazil</i>	<i>Cameroon</i>	<i>France</i>	<i>Cambodia</i>	<i>Papua New Guinea</i>	<i>Germany</i>	<i>China</i>	<i>Congo,* Rep. of</i>	<i>Others</i>	<b>Total Imports</b>
<b>Importers</b>														
<b>China</b>	221,857 <sup>w</sup>	-	9 <sup>w</sup>	-	181 <sup>w</sup>	52 <sup>w</sup>	-	42,771 <sup>w</sup>	17,240 <sup>w</sup>	-		133 <sup>w</sup>	8,624 <sup>w</sup>	290,866 <sup>w</sup>
	116,810	-	-	-	1,702 <sup>w</sup>	274 <sup>w</sup>	98 <sup>c</sup>	20,000	-	-		133 <sup>c</sup>		
<b>Korea, Rep. of</b>	198,000 <sup>i</sup>	-	-	-	1,500 <sup>i</sup>	-	-	2,000	-	-	-	-	1,500	203,000
	111,000	-	-	-	106 <sup>w</sup>	-	-	-	-	-	99 <sup>c</sup>	-		
<b>Taiwan P.O.C.</b>	77,200 <sup>e</sup>	-	4 <sup>c</sup>	-	8,200 <sup>*</sup>	-	-	16,700 <sup>*</sup>	42,000 <sup>*</sup>	-	5,900 <sup>*</sup>	-	11,896 <sup>*</sup>	161,900 <sup>*</sup>
	77,690	-	-	-	-	-	-	4,000	-	-	2,541 <sup>c</sup>	-		
<b>Philippines</b>	103,017	-	-	-	298	-	-	-	-	-	-	-	1,310	104,625
	6,860	-	-	-	-	-	12 <sup>c</sup>	-	-	-	-	-		
<b>Italy</b>	8 <sup>c</sup>	19,762 <sup>c</sup>	10,319 <sup>c</sup>	2,809 <sup>c</sup>	371 <sup>c</sup>	13,613 <sup>c</sup>	603 <sup>c</sup>	-	-	468 <sup>c</sup>	-	40 <sup>c</sup>	4,007	52,000
	10	29,000 <sup>c</sup>	25,911 <sup>c</sup>	-	878 <sup>w</sup>	19,890 <sup>w</sup>	26,789 <sup>c</sup>	-	-	-	-	40 <sup>c</sup>		
<b>France</b>	-	2,502 <sup>c</sup>	3,018 <sup>c</sup>	31,985 <sup>c</sup>	1,097 <sup>c</sup>	2,834 <sup>c</sup>		-	-	276 <sup>c</sup>	9 <sup>c</sup>	586 <sup>c</sup>	6,215	48,521
	-	14,000	5,735	-	388 <sup>w</sup>	3,491 <sup>w</sup>		-	-	-	-	586 <sup>c</sup>		
<b>Germany</b>	-	33,400 <sup>*</sup>	7,400 <sup>*</sup>	2,200 <sup>*</sup>	2,700 <sup>*</sup>	1,100 <sup>*</sup>	-	-	-		-	-	200	47,000
	-	22,000	6,211	-	2,841 <sup>w</sup>	695 <sup>w</sup>	142 <sup>c</sup>	-	-		34 <sup>c</sup>	-		
<b>Japan</b>	37,859	-	-	-	836 <sup>w</sup>	-	-	-	-	-	-	-	6,305	45,000
	60,670	-	70	-	1,150 <sup>w</sup>	-	115 <sup>c</sup>	-	-	-	140 <sup>c</sup>	-		
<b>Egypt</b>	-	-	1,000	-	-	-	-	-	-	-	-	-	43,000	44,000
	-	-	2,050	-	-	-	-	-	-	-	-	-		
<b>Canada</b>	257 <sup>w*</sup>	707 <sup>w*</sup>	955 <sup>w*</sup>	1,118 <sup>w*</sup>	1,787 <sup>w*</sup>	155 <sup>w*</sup>	297 <sup>w*</sup>	-	-	-	3 <sup>w*</sup>	14 <sup>w*</sup>	22,705	28,000
	90	-	179	-	770 <sup>w</sup>	12 <sup>w</sup>	105 <sup>c</sup>	-	-	-	-	-		
<b>Hong Kong, S.A.R.</b>	-	-	-	-	-	-	-	-	-	-	-	-	25,000	25,000 <sup>i</sup>
	106,130	-	96	-	226 <sup>w</sup>	-	43 <sup>c</sup>	-	-	-	9,490 <sup>c</sup>	-		
<b>Belgium</b>	-	2,543 <sup>c</sup>	5,212 <sup>c</sup>	1,130 <sup>c</sup>	462 <sup>c</sup>	557 <sup>c</sup>	1,436 <sup>c</sup>	-	-	170 <sup>c</sup>	7 <sup>c</sup>	7 <sup>c</sup>	3,476	15,000
	-	4,000	6,764	-	402 <sup>w</sup>	215 <sup>w</sup>	1,390 <sup>c</sup>	-	-	-	-	7 <sup>c</sup>		
<b>Others</b>														
	176,430	52,000	67,076	104,000	30,780 <sup>w</sup>	7,937 <sup>w</sup>	1,914 <sup>c</sup>	0	20,000	17,000	14 <sup>*</sup>	11,242		
<b>Total Exports</b>	655,690 <sup>*</sup>	121,000	114,092	104,000	39,244 <sup>w</sup>	32,514	30,608	24,000 <sup>i</sup>	20,000 <sup>i</sup>	17,000	12,318 <sup>*</sup>	12,007 <sup>*</sup>		

**Table 2-4. Trade of Tropical Plywood, 2001 (m3)**

<i>Exporters</i>	<i>Indonesia</i>	<i>Malaysia</i>	<i>Brazil</i>	<i>China</i>	<i>Belgium</i>	<i>France</i>	<i>Guyana</i>	<i>Taiwan P.O.C.</i>	<i>Gabon</i>	<i>Ghana</i>	<i>Myanmar</i>	<i>Spain</i>	<i>Others</i>	<b>Total Imports</b>
<b>Importers</b>														
<b>Japan</b>	2,664,621 <sup>I</sup>	1,851,329	7,790	-	-	-	-	-	-	-	-	-	5,260	4,529,000
	240,444 <sup>W</sup>	1,680,200	4,287 <sup>W</sup>	23,704 <sup>*</sup>	-	-	5	-	-	-	-	-		
<b>USA</b>	598,060 <sup>*</sup>	339,252 <sup>*</sup>	407,991 <sup>*</sup>	48,267 <sup>*</sup>	90 <sup>*</sup>	2,766 <sup>*</sup>	21,946 <sup>*</sup>	6,194 <sup>C</sup>	145 <sup>*</sup>	14,966 <sup>*</sup>	142 <sup>*</sup>	-	10,181	1,450,000 <sup>I</sup>
	559,778 <sup>W</sup>	388,610	244,808 <sup>W</sup>	10,352 <sup>*</sup>	30 <sup>C</sup>	151 <sup>C</sup>	48,055	12,500 <sup>*</sup>	-	19,249	-	-		
<b>Korea, Rep. of</b>	440,000	430,000	-	-	-	-	-	-	-	-	-	-	152,000	1,022,000
	435,190 <sup>W</sup>	172,000	-	53,278 <sup>*</sup>	-	181 <sup>C</sup>	-	-	-	-	22,868	-		
<b>China</b>	428,841	113,930	-		-	-	-	-	-	-	1	-	76,228	619,000 <sup>*</sup>
	322,174 <sup>W</sup>	92,020	-		-	34 <sup>C</sup>	-	-	-	-	-	-		
<b>Taiwan P.O.C.</b>	289,000 <sup>*</sup>	137,600 <sup>*</sup>	-	35,000 <sup>*</sup>	-	-	-		-	-	-	-	2,600 <sup>*</sup>	464,200 <sup>*</sup>
	298,234 <sup>W</sup>	134,850 <sup>C</sup>	368 <sup>C</sup>	28,899 <sup>*</sup>	-	-	-		-	-	-	-		
<b>United Kingdom</b>	113,165 <sup>C</sup>	37,938 <sup>C</sup>	158,203 <sup>C</sup>	3,807 <sup>C</sup>	3,800 <sup>C</sup>	1,501 <sup>C</sup>	-	-	-	380 <sup>C</sup>	4,465 <sup>C</sup>	1,363 <sup>C</sup>	20,526 <sup>C</sup>	345,148
	278,663 <sup>W</sup>	91,580	103,950 <sup>I</sup>	9,695 <sup>*</sup>	14,505 <sup>C</sup>	3,933 <sup>C</sup>	-	-	-	926	-	-		
<b>Hong Kong, S.A.R.</b>	-	-	-	-	-	-	-	-	-	-	-	-	300,000	300,000 <sup>I</sup>
	138,641 <sup>W</sup>	50,060	1,115 <sup>W</sup>	15,821 <sup>*</sup>	67 <sup>C</sup>	-	122	23,900 <sup>*</sup>	-	-	-	-		
<b>Belgium</b>	173,027 <sup>C</sup>	4,893 <sup>C</sup>	84,755 <sup>C</sup>	-		3,523 <sup>C</sup>	-	-	572 <sup>C</sup>	5,446 <sup>C</sup>	-	222 <sup>C</sup>	19,562 <sup>C</sup>	292,000
	225,232 <sup>W</sup>	4,420	126,871 <sup>W</sup>	1,868 <sup>*</sup>		3,957 <sup>C</sup>	-	-	-	13,377	-	-		
<b>Canada</b>	24,444 <sup>I</sup>	31,291 <sup>*</sup>	10,708 <sup>*</sup>	740 <sup>*</sup>	-	9	-	333 <sup>C</sup>	-	897	38	30	193,541	262,031
	10,003 <sup>W</sup>	20	3,377 <sup>W</sup>	306 <sup>*</sup>	-	69 <sup>C</sup>	-	3,400 <sup>*</sup>	-	-	-	-		
<b>Netherlands</b>	140,000 <sup>*</sup>	1,600 <sup>*</sup>	55,000 <sup>*</sup>	-	-	-	-	-	5,600 <sup>*</sup>	2,000 <sup>*</sup>	-	-	21,200	225,400
	78,555 <sup>W</sup>	11,110	32,346 <sup>W</sup>	318 <sup>*</sup>	139,694 <sup>C</sup>	61,977 <sup>C</sup>	-	-	-	746	-	-		
<b>Germany</b>	54,600 <sup>I</sup>	5,250 <sup>I</sup>	113,300 <sup>I</sup>	-	-	-	-	-	-	200 <sup>I</sup>	150 <sup>I</sup>	-	10,500 <sup>I</sup>	184,000
	93,185 <sup>W</sup>	11,850	172,053 <sup>W</sup>	-	13,178 <sup>C</sup>	10,129 <sup>C</sup>	-	-	-	610	14,382	-		
<b>Egypt</b>	60,000	23,000	3,000	-	-	-	-	-	-	-	-	-	70,000	156,000
	102,629 <sup>W</sup>	44,450	4,788 <sup>W</sup>	-	-	-	-	-	-	-	-	-		
<b>Others</b>														
	3,553,274 <sup>W</sup>	898,830	132,236 <sup>I</sup>	341,728 <sup>*</sup>	50,525	42,133	16,818	21,100 <sup>*</sup>	57,000	18,128	7,623	42,680 <sup>E</sup>		
<b>Total Exports</b>	6,336,000 <sup>*</sup>	3,580,000	826,200 <sup>I</sup>	485,969	218,000	122,565	65,000	60,900 <sup>*</sup>	57,000	53,036	44,873	42,680 <sup>E</sup>		

## Appendix 3

### Major Tropical Species Traded

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<<An asterisk (\*) next to a country name (or year) means that country did not provide new data in 2002 for that product/year and that data previously presented in the 2001 *Review* is being repeated.>>



## Explanatory Note

This note provides details of species included under various sub-headings of Chapter 44 of the Harmonized System (HS) of customs classification. It is not a comprehensive list of HS codes, but it provides a key for those countries in Appendix 3 that reported species trade according to such codes (Brazil, Finland, France, New Zealand, Norway and Portugal). Note that extensions of the HS beyond 6 digits are country or region specific and the same species may therefore appear under more than one code in the following list if different countries categorize it differently. Some countries have provided 10 or 8 digit HS codes with no explanation; please refer to the corresponding 8 or 6 digit code for these. For the purposes of the HS and in the descriptions that follow, "Tropical Wood" means one of the following species:

Abura, Acajou d'Afrique, Afromosia, Ako, Alan, Andiroba, Aningré, Avodiré, Azobé, Balau, Balsa, Bossé clair, Bossé foncé, Cativo, Cedro, Dabema, Dark Red Meranti, Dibétou, Doussié, Fremiré, Freijo, Fromager, Fuma, Geronggang, Ilomba, Imbuia, Ipé, Iroko, Jaboty, Jelutong, Jequitiba, Jongkong, Kapur, Kempas, Keruing, Kosipo, Kotibé, Koto, Light Red Meranti, Limba, Louro, Maçaranduba, Mahogany, Makoré, Mansonia, Mengkulang, Meranti Bakau, Merawan, Merbau, Merpauh, Mersawa, Moabi, Niangon, Nyatoh, Obeche, Okoumé, Onzabili, Orey, Ovengkol, Ozigo, Paduk, Paldao, Palissandre de Guatemala, Palissandre de Para, Palissandre de Rio, Palissandre de Rose, Pau Marfim, Pulai, Punah, Ramin, Sapelli, Saqui-Saqui, Sepetir, Sipo, Sucupira, Suren, Teak, Tiama, Tola, Virola, White Lauan, White Meranti, White Seraya, Yellow Meranti.

Note that species from tropical countries other than those listed above are still considered tropical timber by ITTO and, if correctly recorded by customs authorities, are included as "Others" in categories 4403.99, 4407.99, 4408.90 and 4412.99.

HS Code	Description
<b>4403.41-49</b>	<b>Tropical Wood in the rough, whether or not stripped of bark or sapwood, or roughly squared. (ITTO: Logs)</b>
4403.41	Dark Red Meranti, Light Red Meranti, and Meranti Bakau
4403.49	Other Tropical Wood
4403.49.00.03	Keruing, Ramin, Kapur, Teak, Jongkong, Merbau, Jelutong and Kempas
4403.49.00.09	Not elsewhere specified in 4403.41 or 4403.49
4403.49.10	Sapelli, Acajou d'Afrique and Iroko
4403.49.20	Okoumé
4403.49.30	Obéché
4403.49.40	Sipo
4403.49.50	Limba
4403.49.60	Tiama, Mansonia, Ilomba, Dibétou and Azobé
4403.49.70	Virola, Mahogany ( <i>Swietenia</i> spp.), Imbuia, Balsa, Palissandre de Rio, Palissandre de Para and Palissandre de Rose
4403.49.90	Other Tropical Wood
4403.99	Other non-coniferous
<b>4407.24-29</b>	<b>Tropical Wood sawn or chipped lengthwise, sliced or peeled, whether or not planed, sanded or finger-jointed, of a thickness exceeding 6 mm. (ITTO: Sawnwood)</b>
4407.24	Virola, Mahogany ( <i>Swietenia</i> spp.), Imbuia and Balsa
4407.24.00.10	Virola (Baboen)
4407.24.00.20	Mahogany, Philippine (Lauan)
4407.24.00.30	Mahogany, American ( <i>Swietenia</i> spp.)
4407.24.00.40	Balsa
4407.24.00.90	Other
4407.24.10	Finger-jointed, whether or not planed or sanded
4407.24.90	Other
4407.25	Dark Red Meranti, Light Red Meranti, and Meranti Bakau
4407.25.31	Planed: Blocks, strips and friezes for parquet or wood block flooring, not assembled
4407.25.39	Planed: Other
4407.25.50	Sanded

4407.25.60	Other: Dark red Meranti and Light Red Meranti
4407.25.80	Other: Meranti Bakau
4407.26	White Lauan, White Meranti, White Seraya, Yellow Meranti and Alan
4407.26.31	Planed: Blocks, strips and friezes for parquet or wood block flooring, not assembled
4407.26.39	Planed: Other
4407.26.50	Sanded
4407.26.70	Other: White Lauan and White Meranti
4407.26.80	Other: White Seraya, Yellow Meranti and Alan
4407.29	Other Tropical Wood
4407.29.00.10	Teak
4407.29.00.20	Other
4407.29.10	Finger-jointed, whether or not planed or sanded
4407.29.20	Planed: Palissandre de Rio, Palissandre de Para and Palissandre de Rose
4407.29.31	Other: Blocks, strips and friezes for parquet or wood block flooring, not assembled
4407.29.39	Other
4407.29.50	Sanded
4407.29.61	Other: Azobé
4407.29.69	Other: Other
4407.29.70	Other: Finger-jointed, whether or not planed or sanded
4407.29.90.01	Wood, tropical; Keruing, Ramin, Kapur, Teak, Jongkong, Merbau, Jelutong and Kempas, sawn or chipped lengthwise, sliced or peeled, (not planed or sanded or finger-jointed), thicker than 6 mm
4407.29.90.09	Wood, tropical; Not elsewhere specified in item no. 4407.29, sawn or chipped lengthwise, sliced or peeled, (not planed or sanded or finger-jointed), thicker than 6 mm
4407.29.99	Other Tropical Wood
4407.99	Other non-coniferous
<b>4408.31-90</b>	<b>Veneer sheets and sheets for plywood (whether or not spliced) and other tropical wood sawn lengthwise, sliced or finger-jointed, of a thickness not exceeding 6 mm. (ITTO: Veneer)</b>
4408.31	Dark Red Meranti, Light Red Meranti and Meranti Bakau
4408.31.11	Finger-jointed, whether or not planed or sanded
4408.31.21	Planed
4408.31.25	Sanded
4408.31.30	Other
4408.39	Other Tropical Wood
4408.39.00.10	Mahogany, Philippine (Lauan)
4408.39.00.20	Mahogany, African (Acajou d'Afrique)
4408.39.00.30	Mahogany, American ( <i>Swietenia</i> spp.)
4408.39.00.90	Other
4408.39.11-35	White Lauan, Sipo, Limba, Okoumé, Obeche, Acajou d'Afrique, Sapelli, Virola, Mahogany ( <i>Swietenia</i> spp.), Palissandre de Rio, Palissandre de Para and Palissandre de Rose:
4408.39.11	Finger-jointed, whether or not planed or sanded
4408.39.21	Planed
4408.39.25	Sanded
4408.39.31	Other: Of a thickness not exceeding 1 mm
4408.39.35	Other: Of a thickness exceeding 1 mm
4408.39.51-99	Other
4408.39.81	Other: Of a thickness not exceeding 1 mm: Makoré, iroko, tiama, mansonina, ilomba, dibétou, azobé, white meranti, white seraya, yellow meranti, alan, keruing, ramin, kapur, teak, jongkong, merbau, jelutong, kempas, imbuia and balsa
4408.39.89	Other
4408.39.90.09	White Lauan, Sipo, Limba, Okoumé, Obeche, Acajou d'Afrique, Sapelli, Mahogany ( <i>Swietenia</i> spp.), sheets for veneer or plywood, other wood sawn lengthwise, sliced or peeled, rotary, not planed, over 1 mm but not over 6 mm thick

4408.39.91	Of a thickness exceeding 1mm: Makoré, Iroko, Tiama, Mansonia, Ilomba, Dibétou, Azobé, White Meranti, White Seraya, Yellow Meranti, Alan, Keruing, Ramin, Kapur, Teak, Jongkong, Merbau, Jelutong, Kempas, Imbuia and Balsa
4408.39.99	Other
4408.90	Other non-coniferous
4408.90.08.41	Tropical hardwoods, not elsewhere specified in heading no. 4408, sheets for veneer or plywood, other wood sawn lengthwise, sliced or peeled, rotary, not planed, over 1 mm but not over 6 mm thick
<b>4412.13-99</b>	<b>Plywood, veneered panels and similar laminated wood. (ITTO: Plywood)</b>
4412.13	Plys all wood, each = 6 mm, with at least one outer ply of tropical wood
4412.13.10	Whether or not painted, edge- or face-worked, but not otherwise worked or surface-covered
4412.13.10.01	Plywood; wood only, each ply 6 mm or thinner, at least 1 outer ply tropical, either Dark or Light Red Meranti, White Lauan, Sipo, Sapelli, Limba, Okoumé, Obeche, Mahogany ( <i>Swietenia</i> spp.) or Acajou d'Afrique, overlaid, including veneered
4412.13.10.09	Plywood; wood only, each ply 6 mm or thinner, at least 1 outer ply tropical, either Dark or Light Red Meranti, White Lauan, Sipo, Sapelli, Limba, Okoumé, Obeche, Mahogany ( <i>Swietenia</i> spp.) or Acajou d'Afrique, not overlaid, or veneered
4412.13.10.19	Doorskins of Mahogany, other than Philippine
4412.13.10.20	Teak
4412.13.10.30	Other, Philippine Mahogany (Lauan)
4412.13.10.80	Other, Mahogany
4412.13.10.90	Other
4412.13.11	Okoumé
4412.13.19	Dark Red Meranti, Light Red Meranti, White Lauan, Sipo, Limba, Obeche, Acajou d'Afrique, Sapelli, Virola, Mahogany ( <i>Swietenia</i> spp.), Palissandre de Rio, Palissandre de Para and Palissandre de Rose
4412.13.90	Other
4412.13.90.19	Doorskins of Mahogany, other than Philippine
4412.13.90.90	Other
4412.14	Plys all wood, each = 6 mm with at least one outer ply of non-coniferous wood
4412.22	Plys not all wood and/or at least one ply > 6mm, with at least one outer ply of tropical wood
4412.22.10	Containing at least one layer of particle board
4412.22.10.00	Whether or not painted, edge- or face-worked, but not otherwise worked or surface-covered
4412.22.90.00	Other
4412.22.91	Blockboard, laminboard and battenboard
4412.23	Plys not all wood and/or at least one ply > 6 mm, at least one outer ply non-coniferous, at least one layer of particleboard
4412.92	Plys not all wood and/or at least one ply > 6 mm, both outer plys coniferous with at least one ply of tropical wood
4412.92.10.00	Whether or not painted, edge- or face-worked, but not otherwise worked or surface-covered
4412.92.90.00	Other
4412.92.99	Other
4412.99	Other

## Species Groups and Species Codes for Papua New Guinea

Commercial Name	Species Code	Scientific Name
<b><u>Group 1</u></b>		
Burckella	BUR	<i>Burckella obovata/B. sorei</i>
Grey Canarium	CAG	<i>Canarium oleosum</i>
Calophyllum	CAL	<i>Calophyllum</i>
Red Canarium	CAR	<i>Canarium indicum</i>
Pencil Cedar	CEP	<i>Palaquium warburgianum</i>
Dillenia	DIL	<i>Dillenia papuana</i>
Erima	ERI	<i>Octomeles sumatrana</i>
Hekakoro	HEK	<i>Gluta papuana</i>
Kwila	KWI	<i>Intsia</i>
Lophopetalum/Perupok	LOP	<i>Lophopetalum torricellense</i>
Malas	MAL	<i>Homalium foetidum</i>
PNG Mersawa	MER	<i>Anisoptera thurifera</i>
Red Planchonella	PLR	<i>Planchonella torricellensis</i>
White Planchonella	PLW	<i>Planchonella kaernbachiana</i>
Taun	TAU	<i>Pometia pinnata</i>
Terminalia	TER	<i>Terminalia spp.</i>
PNG Walnut	WAL	<i>Dracontomelon dao</i>
<b><u>Group 2</u></b>		
Aglaia	AGL	<i>Aglaia</i>
Amoora/Pacific Maple	AMO	<i>Aglaia cucullata</i>
Antiaris	ANT	<i>Antiaris toxicaria</i>
PNG Basswood	BAS	<i>Endospermum</i>
Wau Beech	BEW	<i>Elmerrillia papuana</i>
Mangrove Cedar	CEM	<i>Xylocarpus papuanum</i>
Red Cedar	CER	<i>Toona sureni</i>
Hopea Heavy	HOH	<i>Hopea iriana/H. glabrifolia</i>
Hopea Light	HOL	<i>Hopea forbesii/H. papuana/H. similis/H. celtidiflora</i>
Kamarere	KAM	<i>Eucalyptus deglupta</i>
Kempas	KEM	<i>Koompassia grandiflora</i>
Labula	LAB	<i>Anthocephalus chinensis</i>
Silkwood Maple	SIL	<i>Flindersia pimentelania</i>
Vitex	VIT	<i>Vitex cofassus</i>
<b><u>Group 3</u></b>		
Amberoi	AMB	<i>Pterocymbium beccarii</i>
PNG Camphorwood	CAH	<i>Cinnamomum</i>
Camptosperma	CAM	<i>Camptosperma brevipetala</i>
Hard Celtis	CEH	<i>Celtis philippinensis/P. latifolia</i>
Light Celtis	CEL	<i>Celtis nymanii/C. kajewekii</i>
Cryptocarya/Medang	CRY	<i>Cryptocarya</i>
Dysox	DYS	<i>Dysoxylum</i>
Endiandra/Medang	END	<i>Endiandra</i>
Garro Garo	GAG	<i>Mastixiodendron pachyclado</i>
Water Gum	GUW	<i>Syzygium spp.</i>
Heritiera	HER	<i>Heritiera</i>
Litsea	LIT	<i>Litsea</i>
Pink Satinwood	SAP	<i>Buchanania</i>
White Siris	SIW	<i>Ailantus integrifolia</i>
<b><u>Group 4</u></b>		
Brown Albizia	ALB	<i>Albizia procera</i>
Hard Alstonia	ALH	<i>All Alstonia except A. scholaris</i>
White Albizia	ALW	<i>All Albizia except A. procera</i>
White Almond	AMW	<i>Alphitonia</i>

Commercial Name	Species Code	Scientific Name
Scaly Ash	ASG	<i>Ganophyllum falcatum</i>
Silver Ash/Silkwood Ash	ASS	<i>Flindersia schottiana</i>
PNG Hickory Ash	ASH	<i>Flindersia ifflaina</i>
Papuan Silver Ash	ASP	<i>Flindersia amboinensis</i>
PNG Beech	BEP	<i>Nothofagus spp.</i>
Pink Birch	BIP	<i>Schizomeria</i>
Bombax	BOM	<i>Bombax ceiba</i>
PNG Swamp Box	BOS	<i>Tristania suaveolens</i>
PNG Boxwood	BOW	<i>Xanthophyllum papuanum</i>
Brown Tulip Oak	BTO	<i>Heritiera trifoliolata</i>
Candlenut	CAD	<i>Aleurites moluccana</i>
Cananga	CAN	<i>Canaga oderata</i>
Java Cedar	CEJ	<i>Bischofia javanica</i>
Chrysophyllum	CHR	<i>Chrysophyllum roxburghii</i>
Carallia	CLL	<i>Carallia brachiata</i>
PNG Coachwood	COW	<i>Ceratopetalum succirubr.</i>
White Cheesewood/ Milky Pine	CWW	<i>Alstonia scholaris</i>
Yellow Cheesewood	CWY	<i>Nauclea</i>
Drypetes	DRY	<i>Drypetes</i>
Duabanga	DUA	<i>Duabanga moluccana</i>
Euodia Heavy	EUH	<i>Euodia bonwickii</i>
Euodia Light	EUL	<i>Euodia elleryana</i>
Fig	FIG	<i>Ficus spp.</i>
Flacourtia	FLA	<i>Flacourtia spp.</i>
White Magnolia	GAL	<i>Galbulimima belgraveana</i>
Garuga	GAR	<i>Garuga floribunda</i>
Glochidion	GLO	<i>Glochidion</i>
Gmelina/White Beech	GME	<i>Gmelina muluccana</i>
Gonostylus	GON	<i>Gonostylus macrophyllus</i>
Gordonia	GOR	<i>Gordonia papuana</i>
Yellow Hardwood	HAY	<i>Neonauclea</i>
Hernandia	HEN	<i>Hernandia</i>
Bulolo Ash	HIB	<i>Hibiscus papuodendron</i>
Horsfieldia	HOR	<i>Horsfieldia</i>
Scrub Ironbark	IRS	<i>Bridelia minutiflora</i>
PNG Ivorywood	IVW	<i>Siphonodon celastrineus</i>
Kasi Kasi	KAK	<i>Xanthostemon spp.</i>
Kandis	KAN	<i>Garcinia latissima</i>
Kapiak	KAP	<i>Artocarpus spp.</i>
Kingiodendron	KIN	<i>Kingiodendron spp.</i>
Kiso	KIS	<i>Chisocheton</i>
PNG Lapome	LAP	<i>Teysmanniodendron ahernianum/T. bogoiense</i>
Black Mangrove	MAB	<i>Bruguiera gymnorniza/B. parviflora</i>
Macaranga	MAC	<i>Macaranga aleuritoides</i>
Malaha	MAH	<i>Eucalyptopsis papuana</i>
Manilkara	MAK	<i>Manilkara kansoensis</i>
Milky Mangrove	MAM	<i>Exoecaria agallocha</i>
Mango	MAN	<i>Mangifera minor</i>
Red Mangrove	MAR	<i>Rhizophora</i>
Scented Maple	MAS	<i>Flindersia laevicarpa</i>
Maniltoa	MAT	<i>Maniltoa</i>
White Mangrove	MAW	<i>Avicennia marina</i>
Brown Mangrove	MGB	<i>Lumnitzera littorea</i>
Grey Milkwood	MIG	<i>Cerbera floribunda</i>

Commercial Name	Species Code	Scientific Name
Neoscortechinia	NEO	<i>Neoscortechinia</i>
Neuburgia	NEU	<i>Neuburgia corynocarpa</i>
Nutmeg	NUT	<i>Myristica</i>
PNG Oak	OAP	<i>Lithocarpus/Castanopsis</i>
Red Oak	OAR	<i>Lithocarpus celebicus</i>
Silky Oak	OAS	<i>Finschia chloroxantha/Grevilla papuana/Helicia/Stenocarpus</i>
White Oak	OAW	<i>Castanopsis acuminatissimo</i>
Pink Silky Oak	OPS	<i>Oreocallis wickhamii</i>
She Oak	OSC	<i>Casuarina</i>
White Tulip Oak	OWT	<i>Pterygota horsfieldii</i>
Pangium	PAN	<i>Pangium edule</i>
Paratocarpus	PAR	<i>Paratocarpus venenosus</i>
Parasternon	PAS	<i>Parasternon versteeghii</i>
Pericopsis	PER	<i>Pericopsis mooniana</i>
Pimeleodendron	PIM	<i>Pimeleodendron</i>
Planchonia	PLA	<i>Planchonia papuana</i>
Busu Plum	PLB	<i>Maranthes corymbosa</i>
Tulip Plum	PLT	<i>Pleiogynium</i>
Polyalthia	POL	<i>Polyalthia</i>
Quandong	QUA	<i>Elaeocarpus</i>
Oriomo Redwood	RWD	<i>Adinandra forbesii</i>
Green Satinheart	SAG	<i>Geijera salicifolia</i>
Saffronheart	SAH	<i>Halfordia</i>
PNG Sassafras	SAS	<i>Dryadodaphne</i>
Semicarpus	SEM	<i>Semicarpus spp.</i>
Sloanea	SLO	<i>Sloanea</i>
Spondias	SPO	<i>Spondias cytherea</i>
Sterculia	STE	<i>Sterculia</i>
Tetrameles	TEM	<i>Tetrameles nudiflora</i>
Tea Tree	TET	<i>Malaleuca leucadendron</i>
Trichadenia	TRC	<i>Trichadenia philippinensis</i>
Tristiropsis	TRI	<i>Tristiropsis</i>
PNG Tulipwood	TUL	<i>Harpullia</i>
Vatica	VAT	<i>Vatica raasak</i>
Brown Wattle	WAB	<i>Acacia aulacocarpa</i>
Red Wattle	WAR	<i>Acacia crassicalpa</i>

**Table 3-1-a. Major Tropical Log Species Imported by ITTO Members**

Country	Year	Latin Name or HS Code	Pilot Name/Local Name	Volume 1000 m3	Avg. Price \$/m3
Canada	2000		Others	1	522
Canada	2001	<i>Shorea spp.</i>	Dark Red Meranti	0 <sup>R</sup>	--
Canada	2001	<i>Shorea spp.</i>	Light Red Meranti		
Canada	2001	<i>Shorea spp.</i>	Meranti Bakau		
Canada	2001		Others	1	402
<b>EU</b>					
Denmark	2000	<i>Entandrophragma utile</i>	Sipo	2	495
Denmark	2000	<i>Chlorophora spp.</i>	Iroko	1	247
Denmark	2000	<i>Entandrophragma cylindricum</i>	Sapelli		
Denmark	2000	<i>Khaya spp.</i>	Acajou d'Afrique		
Denmark	2000		Others	3	866
Denmark	2001	<i>Entandrophragma utile</i>	Sipo	3	577
Denmark	2001	<i>Chlorophora spp.</i>	Iroko	0 <sup>R</sup>	--
Denmark	2001	<i>Entandrophragma cylindricum</i>	Sapelli		
Denmark	2001	<i>Khaya spp.</i>	Acajou d'Afrique		
Denmark	2001		Others	4	858
Finland	2000	4403.49	(see accompanying notes)	0 <sup>R</sup>	--
France	2000	<i>Aucoumea klaineana</i>	Okoumé	260	221
France	2000	<i>Chlorophora spp.</i>	Iroko	88	233
France	2000	<i>Entandrophragma cylindricum</i>	Sapelli		
France	2000	<i>Khaya spp.</i>	Acajou d'Afrique		
France	2000	<i>Entandrophragma utile</i>	Sipo	30	290
France	2000	<i>Shorea spp.</i>	Dark Red Meranti	1	382
France	2000	<i>Shorea spp.</i>	Light Red Meranti		
France	2000	<i>Shorea spp.</i>	Meranti Bakau		
France	2000		Others	444	197
France	2001	<i>Aucoumea klaineana</i>	Okoumé	281	218
France	2001	<i>Chlorophora spp.</i>	Iroko	83	217
France	2001	<i>Entandrophragma cylindricum</i>	Sapelli		
France	2001	<i>Khaya spp.</i>	Acajou d'Afrique		
France	2001	<i>Entandrophragma utile</i>	Sipo	33	281
France	2001	<i>Shorea spp.</i>	Dark Red Meranti	0 <sup>R</sup>	422
France	2001	<i>Shorea spp.</i>	Light Red Meranti		
France	2001	<i>Shorea spp.</i>	Meranti Bakau		
France	2001		Others	325	193
Italy	2000	<i>Aucoumea klaineana</i>	Okoumé	31	251
Italy	2000		Others African	30	356
Italy	2000	<i>Entandrophragma utile</i>	Sipo	4	376
Italy	2000		Others Asian	0 <sup>R</sup>	510
Italy	2000		Others	249	295
Netherlands	2000	<i>Aucoumea klaineana</i>	Okoumé	27	241
Netherlands	2000	<i>Entandrophragma utile</i>	Sipo	1	427
Netherlands	2000	<i>Shorea spp.</i>	Meranti	1	544
Netherlands	2000		Others	62	236
Netherlands	2001	<i>Aucoumea klaineana</i>	Okoumé	26	259
Netherlands	2001	<i>Entandrophragma utile</i>	Sipo	0 <sup>R</sup>	447
Netherlands	2001	<i>Shorea spp.</i>	Meranti	0 <sup>R</sup>	576
Netherlands	2001		Others	49	235

**Table 3-1-a. Major Tropical Log Species Imported by ITTO Members**

Country	Year	Latin Name or HS Code	Pilot Name/Local Name	Volume 1000 m3	Avg. Price \$/m3		
Portugal	2000	4403.49.10	(see accompanying notes)	182	328		
Portugal	2000	4403.49.80	]	159	289		
Portugal	2000	4403.99.80					
Portugal	2000	4403.49.20		10	239		
Portugal	2000	4403.49.40		6	356		
Portugal	2001	4403.49.80	]	332 <sup>1</sup>	202		
Portugal	2001	4403.99.80					
Portugal	2001	4403.49.10		(see accompanying notes)	82 <sup>1</sup>	524	
Portugal	2001	4403.49.20		3 <sup>1</sup>	380		
Portugal	2001	4403.49.40		3 <sup>1</sup>	519		
Japan	2000	<i>Shorea rugosa</i>	Meranti Bakau	]			
Japan	2000	<i>Shorea spp.</i>	Dark Red Meranti			757	161
Japan	2000	<i>Shorea spp.</i>	Light Red Meranti				
Japan	2000	<i>Parashorea spp.</i>	White Seraya				
Japan	2000	<i>Parashorea spp., Pentacme spp.</i>	White Lauan	]			
Japan	2000	<i>Shorea albida</i>	Alan			561	171
Japan	2000	<i>Shorea spp.</i>	White Meranti				
Japan	2000	<i>Shorea spp.</i>	Yellow Meranti				
Japan	2000	<i>Dipterocarpus spp.</i>	Keruing	]			
Japan	2000	<i>Dryobalanops spp.</i>	Kapur			488	166
Japan	2000	<i>Dactylocladus stenostachys</i>	Jongkong				
Japan	2000	<i>Dyera spp.</i>	Jelutong				
Japan	2000	<i>Gonystylus spp.</i>	Ramin	]			
Japan	2000	<i>Intsia spp.</i>	Merbau			63	127
Japan	2000	<i>Koompassia malaccensis Maing.</i>	Kempas				
Japan	2000	<i>Aucoumea klaineana</i>	Okoumé				
Japan	2000	<i>Chlorophora spp.</i>	Iroko	]			
Japan	2000	<i>Entandrophragma cylindricum</i>	Sapelli				
Japan	2000	<i>Entandrophragma utile</i>	Sipo			59	203
Japan	2000	<i>Khaya spp.</i>	Acajou d'Afrique				
Japan	2000	<i>Tieghemella heckelii Pierre</i>	Makoré	]			
Japan	2000	<i>Triplochiton scleroxylon</i>	Obeche				
Japan	2000		Others			1213	144
Japan	2001	<i>Shorea rugosa</i>	Meranti Bakau				
Japan	2001	<i>Shorea spp.</i>	Dark Red Meranti	]			
Japan	2001	<i>Shorea spp.</i>	Light Red Meranti			534	129
Japan	2001	<i>Parashorea spp.</i>	White Seraya				
Japan	2001	<i>Parashorea spp., Pentacme spp.</i>	White Lauan				
Japan	2001	<i>Shorea albida</i>	Alan	]			
Japan	2001	<i>Shorea spp.</i>	White Meranti			422	138
Japan	2001	<i>Shorea spp.</i>	Yellow Meranti				
Japan	2001	<i>Dipterocarpus spp.</i>	Keruing				
Japan	2001	<i>Dryobalanops spp.</i>	Kapur	]			
Japan	2001	<i>Aucoumea klaineana</i>	Okoumé			318	149
Japan	2001	<i>Chlorophora spp.</i>	Iroko				
Japan	2001	<i>Entandrophragma cylindricum</i>	Sapelli				
Japan	2001	<i>Entandrophragma utile</i>	Sipo	]			
Japan	2001	<i>Khaya spp.</i>	Acajou d'Afrique			48	189
Japan	2001	<i>Tieghemella heckelii Pierre</i>	Makoré				
Japan	2001	<i>Triplochiton scleroxylon</i>	Obeche				
Japan	2001	<i>Dactylocladus stenostachys</i>	Jongkong	]			
Japan	2001	<i>Dyera spp.</i>	Jelutong				
Japan	2001	<i>Gonystylus spp.</i>	Ramin			24	108
Japan	2001	<i>Intsia spp.</i>	Merbau				
Japan	2001	<i>Koompassia malaccensis Maing.</i>	Kempas	]			
Japan	2001		Others			801	136

**Table 3-1-a. Major Tropical Log Species Imported by ITTO Members**

Country	Year	Latin Name or HS Code	Pilot Name/Local Name	Volume 1000 m3	Avg. Price \$/m3
New Zealand*	2000	4403.49.00.09	(see accompanying notes)	1	2852
New Zealand*	2000	4403.99.00.00		0 <sup>R</sup>	2243
New Zealand*	2000	4403.49.00.03		0 <sup>R</sup>	4148
Norway	2000	4403.99.03	(see accompanying notes)	0 <sup>I</sup>	62
Norway	2000	4403.49.00		0 <sup>R</sup>	600
Norway	2001	4403.99.03	(see accompanying notes)	0 <sup>I</sup>	80
Norway	2001	4403.49.00		0 <sup>R</sup>	1609
Norway	2001	4403.41.00		0 <sup>R</sup>	1112
Rep. of Korea	2000	4403.49.20.20	(see accompanying notes)	130	155
Rep. of Korea	2000	4403.99.90.11		83	115
Rep. of Korea	2000	4403.49.10.00		38	111
Rep. of Korea	2000	4403.49.20.40		10	141
Rep. of Korea	2000	4403.49.20.10		4	152
Rep. of Korea	2000	4403.49.20.30		1	185
Rep. of Korea	2000		Others	530	137
Rep. of Korea	2001	4403.49.20.20	(see accompanying notes)	58	146
Rep. of Korea	2001	4403.99.90.11		51	102
Rep. of Korea	2001	4403.49.10.00		12	106
Rep. of Korea	2001	4403.49.20.40		6	133
Rep. of Korea	2001	4403.49.20.30		1	127
Rep. of Korea	2001	4403.49.20.10		0 <sup>R</sup>	--
Rep. of Korea	2001		Others	426	125
Thailand	2000	<i>Tectona grandis</i>	Teak	88	786
Thailand	2000	<i>Hopea spp.</i>	Ta-kien	38	177
Thailand	2000	<i>Anisoptera spp.</i>	Krabak	35	114
Thailand	2000	<i>Shorea spp.</i>	Dark Red Meranti	19	188
Thailand	2000	<i>Shorea spp.</i>	Light Red Meranti		
Thailand	2000	<i>Shorea spp.</i>	Meranti Bakau		
Thailand	2000	<i>Dipterocarpus spp.</i>	Yang	15	879
Thailand	2000	<i>Pterocarpus spp.</i>	Pradu	8	248
Thailand	2000		Maka	3	326
Thailand	2000		Teng and rang	1	96
Thailand	2000		Others	186	139
Thailand	2001	<i>Tectona grandis</i>	Teak	86	565
Thailand	2001	<i>Dipterocarpus spp.</i>	Yang	64	121
Thailand	2001	<i>Anisoptera spp.</i>	Krabak	28	123
Thailand	2001	<i>Hopea spp.</i>	Ta-kien	24	191
Thailand	2001	<i>Shorea spp.</i>	Dark Red Meranti	14	206
Thailand	2001	<i>Shorea spp.</i>	Light Red Meranti		
Thailand	2001	<i>Shorea spp.</i>	Meranti Bakau		
Thailand	2001	<i>Pterocarpus spp.</i>	Pradu	10	235
Thailand	2001		Maka	4	381
Thailand	2001		Teng and rang	0 <sup>R</sup>	--
Thailand	2001		Others	203	145
Bolivia	2000		Others	1	28
Bolivia	2001		Others	1	35

**Table 3-1-b. Major Tropical Sawnwood Species Imported by ITTO Members**

Country	Year	Latin Name or HS Code	Pilot Name / Local Name	Volume 1000 m3	Avg. Price \$/m3
Australia	2000	<i>Shorea rugosa</i>	Meranti Bakau	45	501
Australia	2000	<i>Shorea spp.</i>	Dark Red Meranti		
Australia	2000	<i>Shorea spp.</i>	Light Red Meranti		
Australia	2000	<i>Dialianthera spp.</i>	Virola	1	644
Australia	2000	<i>Ochroma spp.</i>	Balsa		
Australia	2000	<i>Phoebe porosa</i>	Imbuia		
Australia	2000	<i>Swietenia spp.</i>	Mahogany		
Australia	2000	<i>Parashorea spp.</i>	White Seraya	1	710
Australia	2000	<i>Parashorea spp., Pentacme spp.</i>	White Lauan		
Australia	2000	<i>Shorea spp.</i>	White Meranti		
Australia	2000	<i>Shorea spp.</i>	Yellow Meranti		
Australia	2001	<i>Shorea rugosa</i>	Meranti Bakau	35	444
Australia	2001	<i>Shorea spp.</i>	Dark Red Meranti		
Australia	2001	<i>Shorea spp.</i>	Light Red Meranti		
Australia	2001	<i>Dialianthera spp.</i>	Virola	2	386
Australia	2001	<i>Ochroma spp.</i>	Balsa		
Australia	2001	<i>Phoebe porosa</i>	Imbuia		
Australia	2001	<i>Swietenia spp.</i>	Mahogany		
Australia	2001	<i>Parashorea spp.</i>	White Seraya	0 <sup>R</sup>	620
Australia	2001	<i>Parashorea spp., Pentacme spp.</i>	White Lauan		
Australia	2001	<i>Shorea spp.</i>	White Meranti		
Australia	2001	<i>Shorea spp.</i>	Yellow Meranti		
Canada	2000	<i>Dialianthera spp.</i>	Virola	7 <sup>I</sup>	1005
Canada	2000	<i>Ochroma spp.</i>	Balsa		
Canada	2000	<i>Phoebe porosa</i>	Imbuia		
Canada	2000	<i>Swietenia spp.</i>	Mahogany		
Canada	2000	<i>Shorea rugosa</i>	Meranti Bakau	0 <sup>R</sup>	640
Canada	2000	<i>Shorea spp.</i>	Dark Red Meranti		
Canada	2000	<i>Shorea spp.</i>	Light Red Meranti		
Canada	2000	<i>Parashorea spp.</i>	White Seraya	0 <sup>R</sup>	614
Canada	2000	<i>Parashorea spp., Pentacme spp.</i>	White Lauan		
Canada	2000	<i>Shorea spp.</i>	White Meranti		
Canada	2000	<i>Shorea spp.</i>	Yellow Meranti		
Canada	2000	<i>Shorea spp.</i>	Alan	2 <sup>I</sup>	2294
Canada	2000		Others		
Canada	2001	<i>Dialianthera spp.</i>	Virola	6 <sup>I</sup>	1174
Canada	2001	<i>Ochroma spp.</i>	Balsa		
Canada	2001	<i>Phoebe porosa</i>	Imbuia		
Canada	2001	<i>Swietenia spp.</i>	Mahogany		
Canada	2001	<i>Shorea rugosa</i>	Meranti Bakau	0 <sup>R</sup>	537
Canada	2001	<i>Shorea spp.</i>	Dark Red Meranti		
Canada	2001	<i>Shorea spp.</i>	Light Red Meranti		
Canada	2001	<i>Parashorea spp.</i>	White Seraya	0 <sup>R</sup>	--
Canada	2001	<i>Parashorea spp., Pentacme spp.</i>	White Lauan		
Canada	2001	<i>Shorea spp.</i>	White Meranti		
Canada	2001	<i>Shorea spp.</i>	Yellow Meranti		
Canada	2001	<i>Shorea spp.</i>	Alan	5 <sup>I</sup>	1193
Canada	2001		Others		

**Table 3-1-b. Major Tropical Sawnwood Species Imported by ITTO Members**

Country	Year	Latin Name or HS Code	Pilot Name / Local Name	Volume 1000 m3	Avg. Price \$/m3
<b>EU</b>					
Denmark	2000	<i>Dialianthera spp.</i>	Virola	8	727
Denmark	2000	<i>Ochroma lagopus</i>	Balsa		
Denmark	2000	<i>Phoebe porosa</i>	Imbuia		
Denmark	2000	<i>Swietenia spp.</i>	Mahogany		
Denmark	2000	<i>Shorea negrosensis</i>	Red Meranti	3	701
Denmark	2000	<i>Shorea rugosa</i>	Meranti Bakau		
Denmark	2000	<i>Lophira spp.</i>	Azobé	2	742
Denmark	2000	<i>Parashorea spp.</i>	White Seraya	1	866
Denmark	2000	<i>Parashorea spp., Pentacme spp.</i>	White Lauan		
Denmark	2000	<i>Shorea albida</i>	Alan		
Denmark	2000	<i>Shorea spp.</i>	Yellow Meranti		
Denmark	2000	<i>Shorea spp.</i>	White Meranti		
Denmark	2000		Others	29	725
Denmark	2001	<i>Lophira spp.</i>	Azobé	0 <sup>R</sup>	--
Denmark	2001	<i>Dialianthera spp.</i>	Virola	16	578
Denmark	2001	<i>Ochroma lagopus</i>	Balsa		
Denmark	2001	<i>Phoebe porosa</i>	Imbuia		
Denmark	2001	<i>Swietenia spp.</i>	Mahogany		
Denmark	2001	<i>Shorea negrosensis</i>	Red Meranti	2	601
Denmark	2001	<i>Shorea rugosa</i>	Meranti Bakau		
Denmark	2001	<i>Parashorea spp.</i>	White Seraya	1	601
Denmark	2001	<i>Parashorea spp., Pentacme spp.</i>	White Lauan		
Denmark	2001	<i>Shorea albida</i>	Alan		
Denmark	2001	<i>Shorea spp.</i>	Yellow Meranti		
Denmark	2001	<i>Shorea spp.</i>	White Meranti		
Denmark	2001		Others	39	672
Finland	2000	4407.29	(see accompanying notes)	6	1219
Finland	2000	4407.24		1	935
Finland	2000	4407.25		0 <sup>R</sup>	--
Finland	2001	4407.29	(see accompanying notes)	7	144
Finland	2001	4407.24		1	7396
France	2000	<i>Shorea spp.</i>	Dark Red Meranti	23	590
France	2000	<i>Shorea spp.</i>	Light Red Meranti		
France	2000	<i>Shorea spp.</i>	Meranti Bakau		
France	2000	<i>Dialianthera spp.</i>	Virola	3	536
France	2000	<i>Ochroma lagopus</i>	Balsa		
France	2000	<i>Phoebe porosa</i>	Imbuia		
France	2000	<i>Swietenia spp.</i>	Mahogany		
France	2000		Others	361 <sup>I</sup>	440
France	2001	<i>Shorea spp.</i>	Dark Red Meranti	12	566
France	2001	<i>Shorea spp.</i>	Light Red Meranti		
France	2001	<i>Shorea spp.</i>	Meranti Bakau		
France	2001	<i>Dialianthera spp.</i>	Virola	6	451
France	2001	<i>Ochroma lagopus</i>	Balsa		
France	2001	<i>Phoebe porosa</i>	Imbuia		
France	2001	<i>Swietenia spp.</i>	Mahogany		
France	2001		Others	378 <sup>I</sup>	425
Italy	2000	<i>Lophira spp.</i>	Azobè	0 <sup>R</sup>	572
Italy	2000		Other South American	52	429
Italy	2000		Others Asian	22	626
Italy	2000		Others	208	678

**Table 3-1-b. Major Tropical Sawnwood Species Imported by ITTO Members**

Country	Year	Latin Name or HS Code	Pilot Name / Local Name	Volume 1000 m3	Avg. Price \$/m3
Netherlands	2000	<i>Shorea spp.</i>	Meranti	220	804
Netherlands	2000	<i>Lophira spp.</i>	Azobé	44	364
Netherlands	2000		Others	207	539
Netherlands	2001	<i>Shorea spp.</i>	Meranti	168	759
Netherlands	2001	<i>Lophira spp.</i>	Azobé	37	422
Netherlands	2001		Others	183	577
Portugal	2000	4407.29	(see accompanying notes)	159	378
Portugal	2000	4407.99			
Portugal	2000	4407.24			
Portugal	2000	4407.26			
Portugal	2001	4407.29	(see accompanying notes)	94	484
Portugal	2001	4407.99			
Portugal	2001	4407.26			
Portugal	2001	4407.24			
Portugal	2001	4407.25		0 <sup>R</sup>	--
Japan	2000	<i>Parashorea spp.</i>	White Seraya	96	552
Japan	2000	<i>Parashorea spp.</i> , <i>Pentacme spp.</i>	White Lauan		
Japan	2000	<i>Shorea albida</i>	Alan		
Japan	2000	<i>Shorea spp.</i>	White Meranti		
Japan	2000	<i>Shorea spp.</i>	Yellow Meranti		
Japan	2000	<i>Shorea rugosa</i>	Meranti Bakau	15	591
Japan	2000	<i>Shorea spp.</i>	Dark Red Meranti		
Japan	2000	<i>Shorea spp.</i>	Light Red Meranti		
Japan	2000	<i>Tectona grandis</i>	Teak	2	1625
Japan	2000	<i>Cedrela spp.</i>	Balsa	1	914
Japan	2000	<i>Dialianthera spp.</i>	Virola		
Japan	2000	<i>Phoebe porosa</i>	Imbuia		
Japan	2000	<i>Swietenia spp.</i>	Mahogany		
Japan	2000	<i>Euxylophora paraensis spp.</i>	Tsuge/Boxwood	1	4437
Japan	2000		Tagayasan, etc.		
Japan	2000		Others	572	529
Japan	2001	<i>Parashorea spp.</i>	White Seraya	62	470
Japan	2001	<i>Parashorea spp.</i> , <i>Pentacme spp.</i>	White Lauan		
Japan	2001	<i>Shorea albida</i>	Alan		
Japan	2001	<i>Shorea spp.</i>	White Meranti		
Japan	2001	<i>Shorea spp.</i>	Yellow Meranti		
Japan	2001	<i>Shorea rugosa</i>	Meranti Bakau	12	537
Japan	2001	<i>Shorea spp.</i>	Dark Red Meranti		
Japan	2001	<i>Shorea spp.</i>	Light Red Meranti		
Japan	2001	<i>Tectona grandis</i>	Teak	2	1830
Japan	2001	<i>Cedrela spp.</i>	Balsa	1	795
Japan	2001	<i>Dialianthera spp.</i>	Virola		
Japan	2001	<i>Phoebe porosa</i>	Imbuia		
Japan	2001	<i>Swietenia spp.</i>	Mahogany		
Japan	2001	<i>Euxylophora paraensis spp.</i>	Tsuge/Boxwood	1	3131
Japan	2001		Tagayasan, etc.		
Japan	2001		Others	523	488
New Zealand*	2000	4407.29.10.09	(see accompanying notes)	1	4612
New Zealand*	2000	4407.29.90.01		1	6642
New Zealand*	2000	4407.29.90.09		0 <sup>R</sup>	3144
New Zealand*	2000	4407.29.90.05		0 <sup>R</sup>	3225
New Zealand*	2000	4407.29.30.09		0 <sup>R</sup>	2742
New Zealand*	2000			0 <sup>R</sup>	3216

**Table 3-1-b. Major Tropical Sawnwood Species Imported by ITTO Members**

Country	Year	Latin Name or HS Code	Pilot Name / Local Name	Volume 1000 m3	Avg. Price \$/m3
Norway	2000	4407.29.00	(see accompanying notes)	6	751
Norway	2000	4407.24.00		0 <sup>R</sup>	709
Norway	2000	4407.25.00		0 <sup>R</sup>	786
Norway	2001	4407.29.00	(see accompanying notes)	9	576
Norway	2001	4407.24.00		0 <sup>R</sup>	465
Norway	2001	4407.25.00		0 <sup>R</sup>	223
Norway	2001	4407.26.00		0 <sup>R</sup>	945
Rep. of Korea	2000	4407.25.00.00	(see accompanying notes)	65	306
Rep. of Korea	2000	4407.26.00.00		46	268
Rep. of Korea	2000	4407.29.10.00		4	358
Rep. of Korea	2000		Others	201	278
Rep. of Korea	2001	4407.25.00.00	(see accompanying notes)	60	307
Rep. of Korea	2001	4407.26.00.00		40	282
Rep. of Korea	2001	4407.29.10.00		7	281
Rep. of Korea	2001		Others	251	258
Philippines	2000	<i>Ochroma spp.</i>	Balsa	0 <sup>R</sup>	--
Philippines	2000	<i>Phoebe porosa</i>	Imbuia		
Philippines	2000	<i>Virola spp.</i>	Virola		
Philippines	2000	<i>Pentacme spp.</i>	White Lauan	0 <sup>R</sup>	--
Philippines	2000	<i>Shorea spp.</i>	White Meranti		
Philippines	2000	<i>Shorea spp.</i>	Dark Red Meranti	0 <sup>R</sup>	--
Philippines	2000	<i>Shorea spp.</i>	Light Red Meranti		
Philippines	2001	<i>Shorea spp.</i>	Dark Red Meranti	0 <sup>R</sup>	--
Philippines	2001	<i>Shorea spp.</i>	Light Red Meranti		
Philippines	2001		Others	114	133
Thailand	2000	<i>Dipterocarpus spp.</i>	Keruing (Yang)	156	205
Thailand	2000	<i>Anisoptera spp.</i>	Krabak	24	194
Thailand	2000		Maka	8	381
Thailand	2000	<i>Tectona grandis</i>	Teak	7	701
Thailand	2000	<i>Hopea spp.</i>	Takien	6	285
Thailand	2000	<i>Pterocarpus spp.</i>	Pradu	5	362
Thailand	2000		Teng and Rang	5	215
Thailand	2000	<i>Hevea spp.</i>	Para rubberwood	0 <sup>R</sup>	--
Thailand	2000		Others	612	218
Thailand	2001	<i>Dipterocarpus spp.</i>	Keruing (Yang)	183	161
Thailand	2001	<i>Anisoptera spp.</i>	Krabak	40	168
Thailand	2001		Maka	16	382
Thailand	2001		Teng and Rang	12	232
Thailand	2001	<i>Hopea spp.</i>	Takien	11	292
Thailand	2001	<i>Tectona grandis</i>	Teak	6	573
Thailand	2001	<i>Pterocarpus spp.</i>	Pradu	5	315
Thailand	2001	<i>Hevea spp.</i>	Para rubberwood	0 <sup>R</sup>	--
Thailand	2001		Others	727	215
Bolivia	2000	<i>Vochysia spp.</i>	Cambara	0 <sup>I</sup>	250
Bolivia	2001		Others	1	326
Brazil*	2000	4407.29.30	(see accompanying notes)	3 <sup>I</sup>	407
Brazil*	2000	4407.99.10		2 <sup>I</sup>	239
Brazil*	2000	4407.29.20		0 <sup>I</sup>	441
Brazil*	2000	4407.29.10		0 <sup>R</sup>	--

**Table 3-1-b. Major Tropical Sawnwood Species Imported by ITTO Members**

Country	Year	Latin Name or HS Code	Pilot Name / Local Name	Volume 1000 m3	Avg. Price \$/m3
Panama*	2000	<i>Anacardium excelsum</i>	Caracoli	0 <sup>R</sup>	519
Panama*	2000	<i>Bombacopsis quinata</i>	Saqui-saqui		
Panama*	2000	<i>Swietenia macrophylla</i>	Mahogany		
Panama*	2000	<i>Tabebuia pentaphylla</i>	Apamate		
Panama*	2000	<i>Vatairea spp.</i>	Amargo		
Peru*	2000	<i>Cedrela spp.</i>	Cedro	0 <sup>R</sup>	--
Peru*	2000	<i>Dipteryx spp.</i>	Shihuahuaco		
Peru*	2000	<i>Iryanthera spp.</i>	Cumala		
Peru*	2000	<i>Juglans spp.</i>	Nogal		
Peru*	2000	<i>Khaya spp.</i>	Caoba		
Trinidad & Tobago	2000	<i>Ocotea rodiaei</i>	Greenheart	1	1297
Trinidad & Tobago	2000	<i>Swietenia spp.</i>	Mahogany	1	2762
Trinidad & Tobago	2000	<i>Cedrela spp.</i>	Cedar	0 <sup>R</sup>	--
Trinidad & Tobago	2000	<i>Mora spp.</i>	Mora	0 <sup>R</sup>	--
Trinidad & Tobago	2001	<i>Swietenia spp.</i>	Mahogany	3 <sup>I</sup>	986
Trinidad & Tobago	2001	<i>Ocotea rodiaei</i>	Greenheart	0 <sup>I</sup>	--
Trinidad & Tobago	2001	<i>Mora spp.</i>	Mora	0 <sup>R</sup>	1581
Trinidad & Tobago	2001	<i>Cedrela spp.</i>	Cedar	0 <sup>R</sup>	922
Trinidad & Tobago	2001		Others	3 <sup>I</sup>	779

**Table 3-1-c. Major Tropical Veneer Species Imported by ITTO Members**

Country	Year	Latin Name or HS Code	Pilot Name/Local Name	Volume 1000 m3	Avg. Price \$/m3
Canada	2000	<i>Shorea rugosa</i>	Meranti Bakau	0 <sup>R</sup>	1251
Canada	2000	<i>Shorea spp.</i>	Dark Red Meranti		
Canada	2000	<i>Shorea spp.</i>	Light Red Meranti		
Canada	2000		Others	6	9984
Canada	2001	<i>Shorea rugosa</i>	Meranti Bakau	0 <sup>R</sup>	1300
Canada	2001	<i>Shorea spp.</i>	Dark Red Meranti		
Canada	2001	<i>Shorea spp.</i>	Light Red Meranti		
Canada	2001		Others	6	1684
<b>EU</b>					
Denmark	2000	<i>Aucoumea klaineana</i>	Okoumé	4	650
Denmark	2000	<i>Dalbergia spp.</i>	Pallisandre		
Denmark	2000	<i>Dialianthera spp.</i>	Virola		
Denmark	2000	<i>Entandrophragma cylindricum</i>	Sapelli		
Denmark	2000	<i>Entandrophragma utile</i>	Sipo		
Denmark	2000	<i>Khaya spp.</i>	Acajou d'Afrique		
Denmark	2000	<i>Parashorea spp.</i> , <i>Pentacme spp.</i>	White Lauan		
Denmark	2000	<i>Swietenia spp.</i>	Mahogany		
Denmark	2000	<i>Triplochiton scleroxylon</i>	Obeche	4	1639
Denmark	2000	<i>Chlorophora spp.</i>	Iroko		
Denmark	2000	<i>Dactylocladus stenostachys</i>	Jongkong		
Denmark	2000	<i>Dipterocarpus spp.</i>	Keruing		
Denmark	2000	<i>Dryobalanops spp.</i>	Kapur		
Denmark	2000	<i>Dumoria spp.</i>	Maroke		
Denmark	2000	<i>Dyera spp.</i>	Jelutong		
Denmark	2000	<i>Entandrophragma spp.</i>	Tiama		
Denmark	2000	<i>Gonystylus spp.</i>	Ramin		
Denmark	2000	<i>Intsia spp.</i>	Merbau		
Denmark	2000	<i>Koompassia malaccensis</i>	Kempas		
Denmark	2000	<i>Lophira spp.</i>	Azobé		
Denmark	2000	<i>Lovoa spp.</i>	Dibetou		
Denmark	2000	<i>Mansonia altissima</i>	Mansonia		
Denmark	2000	<i>Ochroma lagopus</i>	Balsa		
Denmark	2000	<i>Parashorea spp.</i>	Seraya		
Denmark	2000	<i>Pycnanthus spp.</i>	Ilomba		
Denmark	2000	<i>Shorea albida</i>	Alan		
Denmark	2000	<i>Shorea spp.</i>	White Meranti		
Denmark	2000	<i>Shorea spp.</i>	Yellow Meranti		
Denmark	2000	<i>Tectona grandis</i>	Teak		
Denmark	2000		Imuai		
Denmark	2000	<i>Shorea negrosensis</i>	Red Meranti	0 <sup>R</sup>	--
Denmark	2000	<i>Shorea rugosa</i>	Meranti Bakau		
Denmark	2000		Others	0 <sup>R</sup>	--

**Table 3-1-c. Major Tropical Veneer Species Imported by ITTO Members**

Country	Year	Latin Name or HS Code	Pilot Name/Local Name	Volume 1000 m3	Avg. Price \$/m3
Denmark	2001	<i>Aucoumea klaineana</i>	Okoumé	4 <sup>I</sup>	505
Denmark	2001	<i>Dalbergia spp.</i>	Pallisandre		
Denmark	2001	<i>Dialianthera spp.</i>	Viola		
Denmark	2001	<i>Entandrophragma cylindricum</i>	Sapelli		
Denmark	2001	<i>Entandrophragma utile</i>	Sipo		
Denmark	2001	<i>Khaya spp.</i>	Acajou d'Afrique		
Denmark	2001	<i>Parashorea spp., Pentacme spp.</i>	White Lauan		
Denmark	2001	<i>Swietenia spp.</i>	Mahogany		
Denmark	2001	<i>Triplochiton scleroxylon</i>	Obeche		
Denmark	2001	<i>Chlorophora spp.</i>	Iroko		
Denmark	2001	<i>Dactylocladus stenostachys</i>	Jongkong	1 <sup>I</sup>	6560
Denmark	2001	<i>Dipterocarpus spp.</i>	Keruing		
Denmark	2001	<i>Dryobalanops spp.</i>	Kapur		
Denmark	2001	<i>Dumoria spp.</i>	Maroke		
Denmark	2001	<i>Dyera spp.</i>	Jelutong		
Denmark	2001	<i>Entandrophragma spp.</i>	Tiama		
Denmark	2001	<i>Gonystylus spp.</i>	Ramin		
Denmark	2001	<i>Intsia spp.</i>	Merbau		
Denmark	2001	<i>Koompassia malaccensis</i>	Kempas		
Denmark	2001	<i>Lophira spp.</i>	Azobé		
Denmark	2001	<i>Lovoa spp.</i>	Dibetou		
Denmark	2001	<i>Mansonia altissima</i>	Mansonia		
Denmark	2001	<i>Ochroma lagopus</i>	Balsa		
Denmark	2001	<i>Parashorea spp.</i>	Seraya		
Denmark	2001	<i>Pycnanthus spp.</i>	Ilomba		
Denmark	2001	<i>Shorea albida</i>	Alan		
Denmark	2001	<i>Shorea spp.</i>	White Meranti		
Denmark	2001	<i>Shorea spp.</i>	Yellow Meranti		
Denmark	2001	<i>Tectona grandis</i>	Teak	0 <sup>R</sup>	--
Denmark	2001		Imuai		
Denmark	2001	<i>Shorea negrosensis</i>	Red Meranti		
Denmark	2001	<i>Shorea rugosa</i>	Meranti Bakau	0 <sup>R</sup>	--
Denmark	2001		Others		
Finland	2000	4408.39	(see accompanying notes)	1	2676
Finland	2000	4408.31		0 <sup>R</sup>	--
Finland	2001	4408.39	(see accompanying notes)	1	3036
Finland	2001	4408.31		0 <sup>R</sup>	--
France	2000	<i>Aucoumea klaineana</i>	Okoumé	25	818
France	2000	<i>Dalbergia spp.</i>	Palissandre de Rio		
France	2000	<i>Dalbergia spp.</i>	Palissandre de Para		
France	2000	<i>Dalbergia spp.</i>	Palissandre de Rose		
France	2000	<i>Dialianthera spp.</i>	Viola		
France	2000	<i>Entandrophragma cylindricum</i>	Sapelli		
France	2000	<i>Entandrophragma utile</i>	Sipo		
France	2000	<i>Khaya spp.</i>	Acajou d'Afrique		
France	2000	<i>Parashorea spp., Pentacme spp.</i>	White Lauan		
France	2000	<i>Swietenia spp.</i>	Mahogany		
France	2000	<i>Terminalia superba</i>	Limba	0 <sup>R</sup>	3277
France	2000	<i>Triplochiton scleroxylon</i>	Obéché		
France	2000	<i>Shorea spp.</i>	Dark Red Meranti		
France	2000	<i>Shorea spp.</i>	Light Red Meranti		
France	2000	<i>Shorea spp.</i>	Meranti Bakau		
France	2000		Others	9	1014

**Table 3-1-c. Major Tropical Veneer Species Imported by ITTO Members**

Country	Year	Latin Name or HS Code	Pilot Name/Local Name	Volume 1000 m3	Avg. Price \$/m3
France	2001	<i>Aucoumea klaineana</i>	Okoumé	39	739
France	2001	<i>Dalbergia spp.</i>	Palissandre de Rio		
France	2001	<i>Dalbergia spp.</i>	Palissandre de Para		
France	2001	<i>Dalbergia spp.</i>	Palissandre de Rose		
France	2001	<i>Dialianthera spp.</i>	Virola		
France	2001	<i>Entandrophragma cylindricum</i>	Sapelli		
France	2001	<i>Entandrophragma utile</i>	Sipo		
France	2001	<i>Khaya spp.</i>	Acajou d'Afrique		
France	2001	<i>Parashorea spp., Pentacme spp.</i>	White Lauan		
France	2001	<i>Swietenia spp.</i>	Mahogany		
France	2001	<i>Terminalia superba</i>	Limba		
France	2001	<i>Triplochiton scleroxylon</i>	Obéché		
France	2001	<i>Shorea spp.</i>	Dark Red Meranti	0 <sup>R</sup>	1773
France	2001	<i>Shorea spp.</i>	Light Red Meranti		
France	2001	<i>Shorea spp.</i>	Meranti Bakau		
France	2001		Others	9	1079
Netherlands	2000		Others	4	929
Netherlands	2001		Others	5	1213
Portugal	2000	4408.39	(see accompanying notes)	20	652
Portugal	2000	4408.90.810			
Portugal	2000	4408.90.890		0 <sup>R</sup>	--
Portugal	2000	4408.31			
Portugal	2001	4408.39	(see accompanying notes)	12 <sup>I</sup>	873
Portugal	2001	4408.90.810			
Portugal	2001	4408.90.890			
Portugal	2001	4408.31		0 <sup>R</sup>	--
Japan	2000	<i>Shorea rugosa</i>	Meranti Bakau	13	573
Japan	2000	<i>Shorea spp.</i>	Dark Red Meranti		
Japan	2000	<i>Shorea spp.</i>	Light Red Meranti		
Japan	2000	<i>Dyera spp.</i>	Jelutong	0 <sup>R</sup>	--
Japan	2000	<i>Tectona grandis</i>	Teak	0 <sup>R</sup>	--
Japan	2000		Others	35	756
Japan	2001	<i>Shorea rugosa</i>	Meranti Bakau	11	631
Japan	2001	<i>Shorea spp.</i>	Dark Red Meranti		
Japan	2001	<i>Shorea spp.</i>	Light Red Meranti		
Japan	2001	<i>Dyera spp.</i>	Jelutong	0 <sup>R</sup>	--
Japan	2001	<i>Tectona grandis</i>	Teak	0 <sup>R</sup>	--
Japan	2001		Others	34	752
New Zealand*	2000	4408.90.29.01	(see accompanying notes)	0 <sup>R</sup>	8780
New Zealand*	2000	4408.90.29.11		0 <sup>R</sup>	4929
New Zealand*	2000	4408.90.19.09		0 <sup>R</sup>	3836
New Zealand*	2000	4408.90.29.09		0 <sup>R</sup>	8372
New Zealand*	2000	4408.90.29.19		0 <sup>R</sup>	5029
New Zealand*	2000		Others	0 <sup>R</sup>	5433
Norway	2000	4408.31.10	(see accompanying notes)	3 <sup>I</sup>	370
Norway	2000	4408.39.90		0 <sup>I</sup>	--
Norway	2000	4408.31.90		0 <sup>R</sup>	726
Norway	2000	4408.39.10		0 <sup>R</sup>	207
Norway	2001	4408.31.90	(see accompanying notes)	3 <sup>I</sup>	420
Norway	2001	4408.39.10		1 <sup>I</sup>	114
Norway	2001	4408.39.90		0 <sup>I</sup>	--
Norway	2001	4408.31.10		0 <sup>R</sup>	805

**Table 3-1-c. Major Tropical Veneer Species Imported by ITTO Members**

Country	Year	Latin Name or HS Code	Pilot Name/Local Name	Volume 1000 m3	Avg. Price \$/m3
Rep. of Korea	2000	4408.31.10.00	(see accompanying notes)	3	289
Rep. of Korea	2000	4408.39.10.00		0 <sup>R</sup>	--
Rep. of Korea	2000	4408.39.20.00		0 <sup>R</sup>	--
Rep. of Korea	2000	4408.39.30.00		0 <sup>R</sup>	--
Rep. of Korea	2000	4408.39.50.00		0 <sup>R</sup>	--
Rep. of Korea	2000		Others	143	173
Rep. of Korea	2001	4408.31.10.00	(see accompanying notes)	2	221
Rep. of Korea	2001	4408.39.10.00		0 <sup>R</sup>	--
Rep. of Korea	2001	4408.39.50.00		0 <sup>R</sup>	--
Rep. of Korea	2001		Others	144	225
Philippines	2000	<i>Parashorea spp.</i> , <i>Shorea spp.</i>	Lauan	10	193
Philippines	2000	<i>Entandrophragma utile</i>	Sipo	4	166
Philippines	2000	<i>Shorea spp.</i>	Dark Red Meranti		
Philippines	2000	<i>Shorea spp.</i>	Light Red Meranti		
Philippines	2000	<i>Terminalia superba</i>	Limba		
Philippines	2001	<i>Entandrophragma utile</i>	Sipo	5	145
Philippines	2001	<i>Shorea spp.</i>	Dark Red Meranti		
Philippines	2001	<i>Shorea spp.</i>	Light Red Meranti		
Philippines	2001	<i>Terminalia superba</i>	Limba		
Philippines	2001	<i>Shorea spp.</i>	Tangile	0 <sup>R</sup>	--
Thailand	2000	<i>Tectona grandis</i>	Teak	3	664
Thailand	2000	<i>Shorea spp.</i>	Dark Red Meranti	0 <sup>R</sup>	--
Thailand	2000	<i>Shorea spp.</i>	Light Red Meranti		
Thailand	2000	<i>Shorea spp.</i>	Meranti Bakau	7	939
Thailand	2000		Others		
Thailand	2001	<i>Tectona grandis</i>	Teak	2	848
Thailand	2001		Others	7	880
Brazil*	2000	4408.39.10	(see accompanying notes)	1 <sup>I</sup>	1936
Brazil*	2000	4408.39.20		1 <sup>I</sup>	909
Panama*	2000	<i>Anacardium excelsum</i>	Caracoli	0 <sup>R</sup>	4125
Panama*	2000	<i>Copaifera aromática</i>	Caniva		
Panama*	2000	<i>Prioria copaifera</i>	Cativo		
Panama*	2000	<i>Sterculia spp.</i>			
Trinidad & Tobago	2000		Others	0 <sup>R</sup>	776

**Table 3-1-d. Major Tropical Plywood Species Imported by ITTO Members**

Country	Year	Latin Name or HS Code	Pilot Name/Local Name	Volume 1000 m3	Avg. Price \$/m3
Canada	2000	<i>Swietenia spp.</i>	Mahogany	6	478
Canada	2000		Others	56	215
Canada	2001	<i>Swietenia spp.</i>	Mahogany	2	500
Canada	2001		Others	71	219
<b>EU</b>					
Denmark	2000		Others	43	414
Denmark	2001		Others	45	355
Finland	2000	4412.13	(see accompanying notes)	1	696
Finland	2000	4412.22		0 <sup>R</sup>	--
Finland	2000	4412.92		0 <sup>R</sup>	--
Finland	2001	4412.13	(see accompanying notes)	1	914
Finland	2001	4412.22		0 <sup>R</sup>	--
Finland	2001	4412.92		0 <sup>R</sup>	--
France	2000	<i>Aucoumea klaineana</i>	Okoumé	15	621
France	2000	<i>Dalbergia spp.</i>	Palissandre de Rio		
France	2000	<i>Dalbergia spp.</i>	Palissandre de Para		
France	2000	<i>Dalbergia spp.</i>	Palissandre de Rose		
France	2000	<i>Dialianthera spp.</i>	Virola		
France	2000	<i>Entandrophragma cylindricum</i>	Sapelli		
France	2000	<i>Entandrophragma utile</i>	Sipo		
France	2000	<i>Khaya spp.</i>	Acajou d'Afrique		
France	2000	<i>Parashorea spp., Pentacme spp.</i>	White Lauan		
France	2000	<i>Shorea spp.</i>	Dark Red Meranti		
France	2000	<i>Shorea spp.</i>	Light Red Meranti		
France	2000	<i>Swietenia spp.</i>	Mahogany		
France	2000	<i>Terminalia superba</i>	Limba		
France	2000	<i>Triplochiton scleroxylon</i>	Obéché		
France	2000		Others	94	505
France	2001	<i>Aucoumea klaineana</i>	Okoumé	16	577
France	2001	<i>Dalbergia spp.</i>	Palissandre de Rio		
France	2001	<i>Dalbergia spp.</i>	Palissandre de Para		
France	2001	<i>Dalbergia spp.</i>	Palissandre de Rose		
France	2001	<i>Dialianthera spp.</i>	Virola		
France	2001	<i>Entandrophragma cylindricum</i>	Sapelli		
France	2001	<i>Entandrophragma utile</i>	Sipo		
France	2001	<i>Khaya spp.</i>	Acajou d'Afrique		
France	2001	<i>Parashorea spp., Pentacme spp.</i>	White Lauan		
France	2001	<i>Shorea spp.</i>	Dark Red Meranti		
France	2001	<i>Shorea spp.</i>	Light Red Meranti		
France	2001	<i>Swietenia spp.</i>	Mahogany		
France	2001	<i>Terminalia superba</i>	Limba		
France	2001	<i>Triplochiton scleroxylon</i>	Obéché		
France	2001		Others	94	480
Netherlands	2000		Others	231	605
Netherlands	2001		Others	225	636

**Table 3-1-d. Major Tropical Plywood Species Imported by ITTO Members**

Country	Year	Latin Name or HS Code	Pilot Name/Local Name	Volume 1000 m3	Avg. Price \$/m3
Portugal	2000	4411.21.400	(see accompanying notes)	3	481
Portugal	2000	4411.29.20.00			
Portugal	2000	4412.13.900			
Portugal	2000	4412.13.10			
Portugal	2001	4411.21.400	(see accompanying notes)	18	610
Portugal	2001	4411.29.20.00			
Portugal	2001	4412.13.900			
Portugal	2001	4412.13.10			
Japan	2000	<i>Entandrophragma utile</i>	Sipo	14	447
Japan	2000	<i>Shorea spp.</i>	Dark Red Meranti		
Japan	2000	<i>Swietenia macrophylla</i>	Mahogany, etc.		
Japan	2000		Others		
Japan	2001	<i>Entandrophragma utile</i>	Sipo	18	366
Japan	2001	<i>Shorea spp.</i>	Dark Red Meranti		
Japan	2001	<i>Swietenia macrophylla</i>	Mahogany, etc.		
Japan	2001		Others		
New Zealand*	2000	4412.13.90.09	(see accompanying notes)	1	2607
New Zealand*	2000	4412.13.10.09		1	2835
New Zealand*	2000	4412.14.90.09		1	3221
New Zealand*	2000	4412.13.10.01		1	2916
New Zealand*	2000	4412.14.90.01		0 <sup>R</sup>	3984
New Zealand*	2000			0 <sup>R</sup>	16592
Norway	2000	4412.13.09	(see accompanying notes)	6	333
Norway	2000	4412.29.00		3	213
Norway	2000	4412.13.01		2	126
Norway	2000	4412.22.00		1	398
Norway	2001	4412.13.09	(see accompanying notes)	11	171
Norway	2001	4412.29.00		4	293
Norway	2001	4412.13.01		3	420
Norway	2001	4412.22.00		2	433
Rep. of Korea	2000		Others	902	277
Rep. of Korea	2001		Others	1022	254
Philippines	2000	<i>Aucoumea klaineana</i>	Okoumé	0 <sup>R</sup>	--
Philippines	2000	<i>Entandrophragma utile</i>	Sipo		
Philippines	2000	<i>Khaya spp.</i>	Acajou d'Afrique		
Philippines	2000	<i>Shorea spp.</i>	Dark Red Meranti		
Philippines	2000	<i>Shorea spp.</i>	Light Red Meranti		
Philippines	2000	<i>Terminalia superba</i>	Limba		
Philippines	2000	<i>Triplochiton scleroxylon</i>	Obeche		
Philippines	2000	<i>Shorea spp.</i>	Lauan	0 <sup>R</sup>	--
Philippines	2000	<i>Shorea spp.</i>	Tangile		
Thailand	2000		Others	38	224
Thailand	2001		Others	30	281

**Table 3-1-d. Major Tropical Plywood Species Imported by ITTO Members**

Country	Year	Latin Name or HS Code	Pilot Name/Local Name	Volume 1000 m3	Avg. Price \$/m3
Brazil*	2000	4412.14.00	(see accompanying notes)	0 <sup>WR</sup>	1110
Brazil*	2000	4412.22.00		0 <sup>WR</sup>	1136
Panama*	2000	<i>Bombacopsis quinata</i>	Saqui-saqui	3	450
Panama*	2000	<i>Dalbergia retusa</i>	Cocobolo		
Panama*	2000	<i>Hieronyma alchorneoides</i>	Pilon		
Panama*	2000	<i>Myroxylon balsamun</i>	Balsamo		
Panama*	2000	<i>Tabebuia pentaphylla</i>	Apamate		
Peru*	2000	<i>Cedrela spp.</i>	Cedro	0 <sup>R</sup>	--
Peru*	2000	<i>Chorisia spp.</i>	Lupuna		
Peru*	2000	<i>Copaifera spp.</i>	Copaiba		
Peru*	2000	<i>Maquira spp.</i>	Capinuri		
Peru*	2000	<i>Virola spp.</i>	Cumala		
Trinidad & Tobago	2000		Others	0 <sup>I</sup>	1022

**Table 3-2-a. Major Tropical Log Species Exported by ITTO Members**

Country	Year	Latin Name or HS Code	Pilot Name/Local Name	Volume 1000 m3	Avg. Price \$/m3
Cameroon	2001	<i>Brachystegia spp.</i>	Ekop	112	137
Cameroon	2001	<i>Cyliocodiscus gabunensis</i>	Akan/Adoum	56	109
Cameroon	2001	<i>Entandrophragma candollei</i>	Kosipo	17	112
Cameroon	2001	<i>Erythrophleum spp.</i>	Tali	9	78
Cameroon	2001	<i>Gossweilerodendron balsami-ferum</i>	Tola	3	144
Cameroon	2001	<i>Terminalia superba</i>	Limba	3	118
Cameroon	2001	<i>Tetraberlinia spp.</i>	Ekaba	2	92
Cameroon	2001	<i>Triplochiton scleroxylon</i>	Obeche	2	93
Cameroon	2001		Others	29	106
CAR*	2000	<i>Entandrophragma cylindricum</i>	Sapelli	131	101
CAR*	2000	<i>Triplochiton scleroxylon</i>	Ayous	39	70
CAR*	2000	<i>Aningeria spp.</i>	Aningré	]	234
CAR*	2000	<i>Gambeya spp.</i>	Longhi		
CAR*	2000	<i>Entandrophragma utile</i>	Sipo		
CAR*	2000	<i>Chlorophora spp.</i>	Iroko		
CAR*	2000		Others		
Côte d'Ivoire	2000	<i>Tectona grandis</i>	Teak	136	156
Côte d'Ivoire	2001	<i>Tectona grandis</i>	Teak	127	198
Gabon	2000	<i>Aucoumea klaineana</i>	Okoumé	1665	
Gabon	2000	<i>Pterocarpus spp.</i>	Padouk	124	
Gabon	2000	<i>Guilbourtia demeusei</i>	Kévazingo	87	
Gabon	2000	<i>Baillonella Taxisperma</i>	Moabi	56	
Gabon	2000	<i>Paraberlinia bifoliolata</i>	Beli	38	
Gabon	2001	<i>Aucoumea klaineana</i>	Okoumé	1483	
Gabon	2001	<i>Pterocarpus spp.</i>	Padouk	114	
Gabon	2001	<i>Guilbourtia demeusei</i>	Kévazingo	86	
Gabon	2001	<i>Baillonella Taxisperma</i>	Moabi	73	
Gabon	2001	<i>Paraberlinia bifoliolata</i>	Beli	46	
Liberia*	2000	<i>Lophira alata</i>	Ekki	133	37
Liberia*	2000	<i>Tarrietia utilis</i>	Niangon	64	145
Liberia*	2000	<i>Tetraberlinia tubmaniana</i>	Tetraberlinia	51	90
Liberia*	2000	<i>Mitragyna spp.</i>	Abura	36	114
Liberia*	2000	<i>Terminalia ivorensis</i>	Framiré	11	89
Liberia*	2000		Others	342	128
Malaysia*	2000	<i>Shorea spp.</i>	Meranti	2587	108
Malaysia*	2000	<i>Shorea spp.</i>	Selangan Batu	465	134
Malaysia*	2000	<i>Dipterocarpus spp.</i>	Keruing	436	104
Malaysia*	2000	<i>Parashorea spp.</i>	Seraya	111	283
Malaysia*	2000		Others	2315	82
Myanmar	2000	<i>Dipterocarpus spp.</i>	In/Kanyin	449	81
Myanmar	2000	<i>Tectona grandis</i>	Teak	384	380
Myanmar	2000	<i>Xylia dolabriformis</i>	Pyinkado	231	87
Myanmar	2000	<i>Terminalia tomentosa</i>	Htaukkyant	14	81
Myanmar	2000	<i>Adina cordifolia</i>	Hnaw	13	98
Myanmar	2000	<i>Swintonia floribunda</i>	Taung-thayet	6	72
Myanmar	2000	<i>Pterocarpus macrocarpus</i>	Padauk	3	111
Myanmar	2000	<i>Melanorrhoea usitata</i>	Thitsi	2	94
Myanmar	2000	<i>Michelia champaca</i>	Sagawa	2	112
Myanmar	2000	<i>Millettia pendula</i>	Thinwin	1	118
Myanmar	2000	<i>Shorea oblongifolia</i>	Thitya	1	72
Myanmar	2000	<i>Hopea odorata</i>	Thingan	1	86
Myanmar	2000	<i>Anisoptera scaphula</i>	Khaung-mu	0 <sup>R</sup>	99
Myanmar	2000	<i>Gmelina arborea</i>	Yemana	0 <sup>R</sup>	72
Myanmar	2000	<i>Mitragyna rotundifolia</i>	Binga	0 <sup>R</sup>	72
Myanmar	2000	<i>Pentacme siamensis</i>	Ingyin	0 <sup>R</sup>	93
Myanmar	2000		Others	9	72

**Table 3-2-a. Major Tropical Log Species Exported by ITTO Members**

Country	Year	Latin Name or HS Code	Pilot Name/Local Name	Volume 1000 m3	Avg. Price \$/m3
Myanmar	2001	<i>Dipterocarpus spp.</i>	In/Kanyin	564	78
Myanmar	2001	<i>Tectona grandis</i>	Teak	293	472
Myanmar	2001	<i>Xylia dolabriformis</i>	Pyinkado	105	80
Myanmar	2001	<i>Pterocarpus macrocarpus</i>	Padauk	30	90
Myanmar	2001	<i>Terminalia tomentosa</i>	Htaukkyant	8	73
Myanmar	2001	<i>Adina cordifolia</i>	Hnaw	5	87
Myanmar	2001	<i>Michelia champaca</i>	Sagawa	3	99
Myanmar	2001	<i>Anisoptera scaphula</i>	Khaung-mu	2	69
Myanmar	2001	<i>Gmelina arborea</i>	Yemana	1	69
Myanmar	2001	<i>Hopea odorata</i>	Thingan	1	161
Myanmar	2001	<i>Millettia pendula</i>	Thinwin	0 <sup>R</sup>	80
Myanmar	2001	<i>Lagerstroemia speciosa</i>	Pyima	0 <sup>R</sup>	121
Myanmar	2001	<i>Mitragyna rotundifolia</i>	Binga	0 <sup>R</sup>	69
Myanmar	2001	<i>Dalbergia oliveri</i>	Tamalan	0 <sup>R</sup>	136
Myanmar	2001		Others	0 <sup>R</sup>	76
Papua New Guinea	2000	<i>Anisoptera thurifera</i>	PNG Mersawa	400	
Papua New Guinea	2000	<i>Burckella obovata/B. sorei</i>	Burckella		
Papua New Guinea	2000	<i>Canarium indicum</i>	Red Canarium		
Papua New Guinea	2000	<i>Canarium oleosum</i>	Grey Canarium		
Papua New Guinea	2000	<i>Dillenia papuana</i>	Dillenia		
Papua New Guinea	2000	<i>Dracontomelon dao</i>	PNG Walnut		
Papua New Guinea	2000	<i>Gluta papuana</i>	Hekakoro		
Papua New Guinea	2000	<i>Lophopetalum torricellense</i>	Lophopetalum/Perupok		
Papua New Guinea	2000	<i>Octomeles sumatrana</i>	Erima		
Papua New Guinea	2000	<i>Palaquium warburgianum</i>	Pencil Cedar		
Papua New Guinea	2000	<i>Planchonella kaembachiena</i>	White Planchonella		
Papua New Guinea	2000	<i>Planchonella torricellensis</i>	Red Planchonella		
Papua New Guinea	2000	<i>Terminalia spp.</i>	Terminalia		
Papua New Guinea	2000	Group Three	(see accompanying notes)	380	
Papua New Guinea	2000	Group Four	(see accompanying notes)	300	
Papua New Guinea	2000	<i>Calophyllum</i>	Calophyllum	200	
Papua New Guinea	2000	<i>Pometia pinnata</i>	Taun	180	
Papua New Guinea	2000	<i>Homalium foetidum</i>	Malas	160	
Papua New Guinea	2000	Group Two	(see accompanying notes)	140	
Papua New Guinea	2000	<i>Intsia</i>	Kwila	40	
Papua New Guinea	2001	<i>Anisoptera thurifera</i>	PNG Mersawa	304	
Papua New Guinea	2001	<i>Burckella obovata/B. sorei</i>	Burckella		
Papua New Guinea	2001	<i>Canarium indicum</i>	Red Canarium		
Papua New Guinea	2001	<i>Canarium oleosum</i>	Grey Canarium		
Papua New Guinea	2001	<i>Dillenia papuana</i>	Dillenia		
Papua New Guinea	2001	<i>Dracontomelon dao</i>	PNG Walnut		
Papua New Guinea	2001	<i>Gluta papuana</i>	Hekakoro		
Papua New Guinea	2001	<i>Lophopetalum torricellense</i>	Lophopetalum/Perupok		
Papua New Guinea	2001	<i>Octomeles sumatrana</i>	Erima		
Papua New Guinea	2001	<i>Palaquium warburgianum</i>	Pencil Cedar		
Papua New Guinea	2001	<i>Planchonella kaembachiena</i>	White Planchonella		
Papua New Guinea	2001	<i>Planchonella torricellensis</i>	Red Planchonella		
Papua New Guinea	2001	<i>Terminalia spp.</i>	Terminalia		
Papua New Guinea	2001	Group Three	(see accompanying notes)	281	
Papua New Guinea	2001	Group Four	(see accompanying notes)	242	
Papua New Guinea	2001	<i>Calophyllum</i>	Calophyllum	148	
Papua New Guinea	2001	<i>Homalium foetidum</i>	Malas	140	
Papua New Guinea	2001	Group Two	(see accompanying notes)	125	
Papua New Guinea	2001	<i>Pometia pinnata</i>	Taun	125	
Papua New Guinea	2001	<i>Intsia</i>	Kwila	8	
Thailand	2000		Maka	0 <sup>R</sup>	
Thailand	2000		Others	0 <sup>R</sup>	
Thailand	2001		Others	0 <sup>R</sup>	

**Table 3-2-a. Major Tropical Log Species Exported by ITTO Members**

Country	Year	Latin Name or HS Code	Pilot Name/Local Name	Volume 1000 m3	Avg. Price \$/m3
Bolivia	2000	<i>Tabebuia spp.</i>	Cuchi	3	15
Bolivia	2001	<i>Tabebuia spp.</i>	Cuchi	1	22
Guyana	2000	<i>Chlorocardium rodiei</i>	Greenheart	11	70
Guyana	2000	<i>Peltogyne venosa</i>	Purpleheart	11	69
Guyana	2000	<i>Quassia simarouba</i>	Simarupa	1	70
Guyana	2000		Others	31	59
Guyana	2001	<i>Peltogyne venosa</i>	Purpleheart	17	89
Guyana	2001	<i>Chlorocardium rodiei</i>	Greenheart	4	80
Guyana	2001	<i>Goupia glabra</i>	Kabukalli	2	74
Guyana	2001	<i>Lecythis zabucajo</i>	Monkey Pot	1	69
Guyana	2001	<i>Diplotropis purpurea</i>	Tatabu	1	81
Guyana	2001	<i>Aspidosperma spp.</i>	Shibadan	0 <sup>R</sup>	66
Guyana	2001		Silverballi	0 <sup>R</sup>	90
Guyana	2001	<i>Quassia simarouba</i>	Simarupa	0 <sup>R</sup>	88
Guyana	2001		Others	17	105
Honduras*	2000	<i>Calophyllum brasiliense</i>			
Honduras*	2000	<i>Cedrela odorata</i>			
Honduras*	2000	<i>Junglans olanchana</i>			
Honduras*	2000	<i>Magnolia yorocante</i>			
Honduras*	2000	<i>Swietenia humilis</i>			
Honduras*	2000	<i>Swietenia macrophylla</i>			
Panama*	2000	Anacardium excelsum	Caracoli	4	74
Panama*	2000	Bombacopsis quinata	Saqui-saqui		
Panama*	2000	Garapa lanenci	Apuleia leiocarpa		
Panama*	2000	Prioria copaifera	Cativo		
Panama*	2000	Swietenia macrophylla	Mahogany		
Suriname	2000	<i>Dycorinia guianensis</i>			
Suriname	2000	<i>Goupia glabra</i>			
Suriname	2000	<i>Ocotea rubra</i>			
Suriname	2000	<i>Tabebuia serratifolia</i>			
Suriname	2001	<i>Dycorinia guianensis</i>			
Suriname	2001	<i>Goupia glabra</i>			
Suriname	2001	<i>Ocotea rubra</i>			
Suriname	2001	<i>Tabebuia serratifolia</i>			
Australia	2000	<i>Shorea rugosa</i>	Meranti Bakau	0 <sup>R</sup>	--
Australia	2000	<i>Shorea spp.</i>	Dark Red Meranti		
Australia	2000	<i>Shorea spp.</i>	Light Red Meranti		
Canada	2001		Others	0 <sup>R</sup>	206
<b>EU</b>					
Denmark	2000	<i>Entandrophragma utile</i>	Sipo	0 <sup>R</sup>	--
Denmark	2000		Others	2	1175
Denmark	2001	<i>Entandrophragma utile</i>	Sipo	0 <sup>R</sup>	--
Denmark	2001		Others	0 <sup>R</sup>	--
Finland	2000	4403.49	(see accompanying notes)	0 <sup>R</sup>	--

**Table 3-2-a. Major Tropical Log Species Exported by ITTO Members**

Country	Year	Latin Name or HS Code	Pilot Name/Local Name	Volume 1000 m3	Avg. Price \$/m3
France	2000	<i>Aucoumea klaineana</i>	Okoumé	2	185
France	2000	<i>Chlorophora spp.</i>	Iroko	]	425
France	2000	<i>Entandrophragma cylindricum</i>	Sapelli		
France	2000	<i>Khaya spp.</i>	Acajou a'Afrique		
France	2000	<i>Entandrophragma utile</i>	Sipo	1	338
France	2000	<i>Shorea spp.</i>	Dark Red Meranti	]	0 <sup>R</sup> 340
France	2000	<i>Shorea spp.</i>	Light Red Meranti		
France	2000	<i>Shorea spp.</i>	Meranti Bakau		
France	2000		Others	31	261
France	2001	<i>Aucoumea klaineana</i>	Okoumé	2	218
France	2001	<i>Chlorophora spp.</i>	Iroko	]	311
France	2001	<i>Entandrophragma cylindricum</i>	Sapelli		
France	2001	<i>Khaya spp.</i>	Acajou a'Afrique		
France	2001	<i>Entandrophragma utile</i>	Sipo	1	350
France	2001		Others	24	404
Italy	2000	<i>Aucoumea klaineana</i>	Okoumé	0 <sup>R</sup>	751
Italy	2000		Others African	0 <sup>R</sup>	1054
Italy	2000		Others	0 <sup>R</sup>	--
Netherlands	2000	<i>Entandrophragma utile</i>	Sipo	0 <sup>R</sup>	713
Netherlands	2000	<i>Shorea spp.</i>	Meranti	0 <sup>R</sup>	1248
Netherlands	2000		Others	4	109
Netherlands	2001	<i>Shorea spp.</i>	Meranti	0 <sup>R</sup>	603
Netherlands	2001		Others	0 <sup>R</sup>	380
Portugal	2000	4403.49.80	(see accompanying notes)	]	327
Portugal	2000	4403.99.980			
Portugal	2000	4403.49.10			
Portugal	2001	4403.49.10	(see accompanying notes)	1	268
Portugal	2001	4403.49.40		0 <sup>R</sup>	--
Portugal	2001	4403.49.80		]	0 <sup>R</sup> --
Portugal	2001	4403.99.980			
Norway	2000	4403.99.03	(see accompanying notes)	0 <sup>I</sup>	656
Norway	2001	4403.99.03	(see accompanying notes)	1 <sup>I</sup>	408
Rep. of Korea	2000	4403.99.90.11	(see accompanying notes)	0 <sup>R</sup>	--
Rep. of Korea	2000		Others	0 <sup>R</sup>	--
Rep. of Korea	2001		Others	0 <sup>R</sup>	--

**Table 3-2-b. Major Tropical Sawnwood Species Exported by ITTO Members**

Country	Year	Latin Name or HS Code	Pilot Name/Local Name	Volume 1000 m3	Avg. Price \$/m3
Cameroon	2001	<i>Azelia spp.</i>	Doussie	181	323
Cameroon	2001	<i>Baillonella toxisperma</i>	Moabi	119	463
Cameroon	2001	<i>Chlorophora spp.</i>	Iroko	93	445
Cameroon	2001	<i>Distemonanthus benthamianus</i>	Movingui	56	286
Cameroon	2001	<i>Entandrophragma cylindricum</i>	Sapelli	21	377
Cameroon	2001	<i>Entandrophragma utile</i>	Sipo	13	578
Cameroon	2001	<i>Terminalia superba</i>	Limba	12	731
Cameroon	2001	<i>Triplochiton scleroxylon</i>	Obeche (Ayous)	11	435
Cameroon	2001		Others	125	26
CAR*	2000	<i>Entandrophragma cylindricum</i>	Sapelli	52	187
CAR*	2000	<i>Triplochiton scleroxylon</i>	Ayous	8	73
CAR*	2000	<i>Chlorophora spp.</i>	Iroko	2	248
CAR*	2000	<i>Aningeria spp.</i>	Aningré	2	198
CAR*	2000	<i>Gambeya spp.</i>	Longhi		
CAR*	2000	<i>Entandrophragma utile</i>	Sipo	1	231
CAR*	2000		Others	1	198
Côte d'Ivoire	2000	<i>Triplochiton scléroxylon</i>	Samba	129	215
Côte d'Ivoire	2000	<i>Chlorophora excelsa</i>	Iroko	100	379
Côte d'Ivoire	2000	<i>Mitragyna ciliata</i>	Bahia	46	326
Côte d'Ivoire	2000	<i>Khaya ivoriensis</i>	Acajou	37	274
Côte d'Ivoire	2000	<i>Terminalia superba</i>	Fraké	28	233
Côte d'Ivoire	2000	<i>Terminalia ivoriensis</i>	Framiré	25	264
Côte d'Ivoire	2000	<i>Pterygota spp.</i>	Koto	17	288
Côte d'Ivoire	2000	<i>Lophira alata</i>	Azobé	10	204
Côte d'Ivoire	2000		Others	68	296
Côte d'Ivoire	2001	<i>Triplochiton scléroxylon</i>	Samba	109	220
Côte d'Ivoire	2001	<i>Chlorophora excelsa</i>	Iroko	96	384
Côte d'Ivoire	2001	<i>Mitragyna ciliata</i>	Bahia	35	308
Côte d'Ivoire	2001	<i>Khaya ivoriensis</i>	Acajou	29	254
Côte d'Ivoire	2001	<i>Terminalia superba</i>	Fraké	25	227
Côte d'Ivoire	2001	<i>Terminalia ivoriensis</i>	Framiré	18	267
Côte d'Ivoire	2001	<i>Pterygota spp.</i>	Koto	14	309
Côte d'Ivoire	2001	<i>Lophira alata</i>	Azobé	5	233
Côte d'Ivoire	2001		Others	65	236
Gabon	2000	<i>Aucoumea klaineana</i>	Okoumé	4	204
Gabon	2000	<i>Baillonella toxisperma</i>	Moabi	4	100
Gabon	2000	<i>Dacryodes buettneri</i>	Ozigo	1	110
Gabon	2000	<i>Dumoria heckelii</i>	Douka	1	232
Gabon	2000	<i>Nauclea diderrichii</i>	Bilinga	1	251
Gabon	2001	<i>Aucoumea klaineana</i>	Okoumé	65 <sup>1</sup>	176
Gabon	2001	<i>Distemonanthus benthamianus</i>	Movingui	6 <sup>1</sup>	165
Gabon	2001	<i>Baillonella toxisperma</i>	Moabi	2 <sup>1</sup>	572
Gabon	2001	<i>Dumoria heckelii</i>	Douka	2 <sup>1</sup>	262
Gabon	2001	<i>Nauclea diderrichii</i>	Bilinga	2 <sup>1</sup>	285
Gabon	2001	<i>Dacryodes buettneri</i>	Ozigo	1 <sup>1</sup>	263
Gabon	2001	<i>Lovoa spp.</i>	Dibetou	1 <sup>1</sup>	239
Ghana	2000	<i>Triplochiton scleroxylon</i>	Wawa	121	243
Ghana	2000	<i>Terminalia superba</i>	Ofram	25	187
Ghana	2000	<i>Chlorophora excelsa</i>	Odoom	21	524
Ghana	2000	<i>Khaya ivorensis</i>	Mahogany	12	534
Ghana	2000	<i>Pterygota macrocarpa</i>	Koto/Kyere	7	477
Ghana	2000	<i>Entandrophragma utile</i>	Utile	2	578
Ghana	2000		Asanfina	2	622
Ghana	2000		Emire	2	400
Ghana	2000		Others (32 species)	52	366

**Table 3-2-b. Major Tropical Sawnwood Species Exported by ITTO Members**

Country	Year	Latin Name or HS Code	Pilot Name/Local Name	Volume 1000 m3	Avg. Price \$/m3
Ghana	2001	<i>Triplochiton scleroxylon</i>	Wawa	114	246
Ghana	2001	<i>Terminalia superba</i>	Ofram	29	188
Ghana	2001	<i>Chlorophora excelsa</i>	Odoom	14	553
Ghana	2001	<i>Khaya ivorensis</i>	Mahogany	10	555
Ghana	2001	<i>Pterygota macrocarpa</i>	Koto/Kyere	7	441
Ghana	2001		Emire	2	331
Ghana	2001	<i>Entandrophragma utile</i>	Utile	2	584
Ghana	2001		Asanfina	1	654
Ghana	2001		Others (35 species)	60	384
Fiji	2000*	<i>Agathis vitiensis</i>		2	517
Fiji	2000*	<i>Callophyllum vitiensis</i>		1	370
Fiji	2000*	<i>Decussocarpus vitiensis</i>		1	476
Fiji	2000*	<i>Endospermum macrophyllum</i>		1	366
Fiji	2000*	<i>Myristica castaneifolia</i>		1	426
Fiji	2000*		Others	2	442
Fiji	2001	<i>Agathis vitiensis</i>	Kauvula Kaudamu	5	433
Fiji	2001	<i>Callophyllum vitiensis</i>			
Fiji	2001	<i>Decussocarpus vitiensis</i>			
Fiji	2001	<i>Endospermum macrophyllum</i>			
Fiji	2001	<i>Myristica spp.</i>			
Malaysia*	2000	<i>Shorea spp.</i>	Meranti	530	432
Malaysia*	2000		Mixed Hardwood	149	86
Malaysia*	2000	<i>Dipterocarpus spp.</i>	Keruing	144	267
Malaysia*	2000	<i>Shorea albida</i>	Alan	142	217
Malaysia*	2000	<i>Shorea spp.</i>	Selangan Batu	138	282
Malaysia*	2000		Others	890	193
Myanmar	2000	<i>Tectona grandis</i>	Teak	40	665
Myanmar	2000	<i>Xylia dolabriformis</i>	Pyinkado	39	90
Myanmar	2000	<i>Dipterocarpus spp.</i>	In/Kanyin	13	90
Myanmar	2000	<i>Millettia pendula</i>	Thinwin	3	90
Myanmar	2000	<i>Pterocarpus macrocarpus</i>	Padauk	3	89
Myanmar	2000	<i>Hevea braziliensis</i>	Rubber	2	90
Myanmar	2000	<i>Terminalia tomentosa</i>	Htaukkyant	1	90
Myanmar	2000	<i>Dalbergia oliveri</i>	Tamalan	1	90
Myanmar	2000	<i>Pentacme siamensis</i>	Ingyin	0 <sup>R</sup>	90
Myanmar	2000	<i>Adina cordifolia</i>	Hnaw	0 <sup>R</sup>	90
Myanmar	2000	<i>Bombax insignie</i>	Didu	0 <sup>R</sup>	90
Myanmar	2000		Others	24	90
Myanmar	2001	<i>Tectona grandis</i>	Teak	115	694
Myanmar	2001	<i>Xylia dolabriformis</i>	Pyinkado	54	90
Myanmar	2001	<i>Dipterocarpus spp.</i>	In/Kanyin	13	90
Myanmar	2001	<i>Millettia pendula</i>	Thinwin	9	90
Myanmar	2001	<i>Pterocarpus macrocarpus</i>	Padauk	6	89
Myanmar	2001	<i>Dalbergia oliveri</i>	Tamalan	4	90
Myanmar	2001	<i>Hevea braziliensis</i>	Rubber	3	90
Myanmar	2001	<i>Terminalia tomentosa</i>	Htaukkyant	3	90
Myanmar	2001	<i>Pentacme siamensis</i>	Ingyin	1	90
Myanmar	2001	<i>Michelia champa</i>	Sagawa	0 <sup>R</sup>	90
Myanmar	2001	<i>Bombax insignie</i>	Didu	0 <sup>R</sup>	90
Myanmar	2001	<i>Adina cordifolia</i>	Hnaw	0 <sup>R</sup>	90
Myanmar	2001	<i>Mitragyna rotundifolia</i>	Binga	0 <sup>R</sup>	90
Myanmar	2001	<i>Samanea saman</i>	Kokko	0 <sup>R</sup>	89
Myanmar	2001		Others	34	90

**Table 3-2-b. Major Tropical Sawnwood Species Exported by ITTO Members**

Country	Year	Latin Name or HS Code	Pilot Name/Local Name	Volume 1000 m3	Avg. Price \$/m3
Papua New Guinea	2000	<i>Ochroma lagopus</i>	Balsa	12 <sup>I</sup>	1102
Papua New Guinea	2000	<i>Intsia</i>	Kwila (Intsia)	7 <sup>I</sup>	423
Papua New Guinea	2000	Group 4	(see accompanying notes)	5 <sup>I</sup>	262
Papua New Guinea	2000	<i>Hevea brasiliensis</i>	Rubberwood	3 <sup>I</sup>	576
Papua New Guinea	2000	<i>Tectona grandis</i>	Teak	2 <sup>I</sup>	727
Papua New Guinea	2000	<i>Pterocarpus indicus</i>	Rosewood	1 <sup>I</sup>	425
Papua New Guinea	2000	<i>Anisoptera thurifera</i>	PNG Mersawa	0 <sup>R</sup>	--
Papua New Guinea	2000	<i>Burckella obovata/B. sorei</i>	Burckella		
Papua New Guinea	2000	<i>Calophyllum</i>	Calophyllum		
Papua New Guinea	2000	<i>Canarium indicum</i>	Red Canarium		
Papua New Guinea	2000	<i>Canarium oleosum</i>	Grey Canarium		
Papua New Guinea	2000	<i>Dillenia papuana</i>	Dillenia		
Papua New Guinea	2000	<i>Dracontomelon dao</i>	PNG Walnut		
Papua New Guinea	2000	<i>Gluta papuana</i>	Hekakoro		
Papua New Guinea	2000	<i>Lophopetalum torricellense</i>	Lophopetalum/Perupok		
Papua New Guinea	2000	<i>Ocoteles sumatrana</i>	Erima		
Papua New Guinea	2000	<i>Planchonella kaembachiena</i>	White Planchonella		
Papua New Guinea	2000	<i>Planchonella torricellensis</i>	Red Planchonella		
Papua New Guinea	2000	<i>Terminalia spp.</i>	Terminalia		
Papua New Guinea	2000	<i>Pometia pinnata</i>	Taun (pometia)	0 <sup>R</sup>	318
Papua New Guinea	2000	<i>Homalium foetidum</i>	Malas	0 <sup>R</sup>	412
Papua New Guinea	2000	<i>Palaquium warburgianum</i>	Pencil Cedar	0 <sup>R</sup>	314
Papua New Guinea	2000	<i>Vitex cofassus</i>	Vitex	0 <sup>R</sup>	435
Papua New Guinea	2001	<i>Ochroma lagopus</i>	Balsa	9 <sup>I</sup>	1051
Papua New Guinea	2001	<i>Intsia</i>	Kwila (Intsia)	8 <sup>I</sup>	405
Papua New Guinea	2001	Group 4	(see accompanying notes)	5 <sup>I</sup>	260
Papua New Guinea	2001	<i>Hevea brasiliensis</i>	Rubberwood	4 <sup>I</sup>	864
Papua New Guinea	2001	<i>Pterocarpus indicus</i>	Rosewood	1 <sup>I</sup>	434
Papua New Guinea	2001	<i>Tectona grandis</i>	Teak	1 <sup>I</sup>	854
Papua New Guinea	2001	<i>Palaquium warburgianum</i>	Pencil Cedar	0 <sup>R</sup>	293
Papua New Guinea	2001	<i>Anisoptera thurifera</i>	PNG Mersawa	0 <sup>R</sup>	--
Papua New Guinea	2001	<i>Burckella obovata/B. sorei</i>	Burckella		
Papua New Guinea	2001	<i>Calophyllum</i>	Calophyllum		
Papua New Guinea	2001	<i>Canarium indicum</i>	Red Canarium		
Papua New Guinea	2001	<i>Canarium oleosum</i>	Grey Canarium		
Papua New Guinea	2001	<i>Dillenia papuana</i>	Dillenia		
Papua New Guinea	2001	<i>Dracontomelon dao</i>	PNG Walnut		
Papua New Guinea	2001	<i>Gluta papuana</i>	Hekakoro		
Papua New Guinea	2001	<i>Lophopetalum torricellense</i>	Lophopetalum/Perupok		
Papua New Guinea	2001	<i>Ocoteles sumatrana</i>	Erima		
Papua New Guinea	2001	<i>Planchonella kaembachiena</i>	White Planchonella		
Papua New Guinea	2001	<i>Planchonella torricellensis</i>	Red Planchonella		
Papua New Guinea	2001	<i>Terminalia spp.</i>	Terminalia		
Papua New Guinea	2001	<i>Pometia pinnata</i>	Taun (pometia)	0 <sup>R</sup>	266
Papua New Guinea	2001	<i>Homalium foetidum</i>	Malas	0 <sup>R</sup>	336
Papua New Guinea	2001	<i>Santalum album</i>	Sandalwood	0 <sup>R</sup>	250
Papua New Guinea	2001	<i>Vitex cofassus</i>	Vitex	0 <sup>R</sup>	420
Philippines	2000	<i>Agathis spp.</i>	Paraserianthes falcata	15	136
Philippines	2001	<i>Agathis spp.</i>	Paraserianthes falcata	2	131
Philippines	2001	<i>Shorea spp.</i>	White Lauan	0 <sup>R</sup>	--
Philippines	2001	<i>Shorea spp.</i>	White Meranti		
Thailand	2000	<i>Hevea brasiliensis</i>	Para rubberwood	309	181
Thailand	2000	<i>Tectona grandis</i>	Teak	1	2409
Thailand	2000	<i>Anisoptera spp.</i>	Krabak	0 <sup>R</sup>	--
Thailand	2000	<i>Dipterocarpus spp.</i>	Keruing (Yang)	0 <sup>R</sup>	--
Thailand	2000		Others	1	37
Thailand	2001	<i>Hevea brasiliensis</i>	Para rubberwood	332	174
Thailand	2001	<i>Tectona grandis</i>	Teak	1	1991
Thailand	2001	<i>Dipterocarpus spp.</i>	Keruing (Yang)	0 <sup>R</sup>	--
Thailand	2001		Others	0 <sup>R</sup>	--

**Table 3-2-b. Major Tropical Sawnwood Species Exported by ITTO Members**

Country	Year	Latin Name or HS Code	Pilot Name/Local Name	Volume 1000 m3	Avg. Price \$/m3
Vanuatu*	2000	<i>Antiaris toxicaria</i>	Terap	6	317
Vanuatu*	2000	<i>Endospermum medullosum</i>	Sesendok	4	322
Vanuatu*	2000	<i>Castanospermum australe</i>		0 <sup>R</sup>	391
Vanuatu*	2000	<i>Pterocarpus indicus</i>	Padouk/Amboina	0 <sup>R</sup>	1613
Vanuatu*	2000	<i>Dysoxylum gaudichaudianum</i>		0 <sup>R</sup>	2941
Vanuatu*	2000		Others	0 <sup>R</sup>	6667
Bolivia	2000	<i>Cedrela spp.</i>	Cedro	19	485
Bolivia	2000	<i>Swietenia macrophylla</i>	Mara	11	745
Bolivia	2000	<i>Tabebuia spp.</i>	Roble	5	347
Bolivia	2000	<i>Vochysia spp.</i>	Cambará	4	652
Bolivia	2000	<i>Cariniana spp.</i>	Yesquero negro	2	515
Bolivia	2000	<i>Peltogyne spp.</i>	Morado	2	735
Bolivia	2001	<i>Cedrela spp.</i>	Cedro	19	515
Bolivia	2001	<i>Swietenia macrophylla</i>	Mara	7	887
Bolivia	2001	<i>Peltogyne spp.</i>	Morado	6	67
Bolivia	2001	<i>Tabebuia spp.</i>	Roble	3	450
Bolivia	2001	<i>Cariniana spp.</i>	Yesquero negro	2	501
Bolivia	2001	<i>Swietenia spp.</i>	Mara macho	1	250
Bolivia	2001	<i>Triplaris guayaquilensis, Calophyllum brasiliense</i>	Palo maria	1	304
Bolivia	2001	<i>Vochysia spp.</i>	Cambará	1	527
Bolivia	2001		Others	3	451
Brazil*	2000	4407.29.20	(see accompanying notes)	75 <sup>W</sup>	333
Brazil*	2000	4407.29.10		73 <sup>W</sup>	447
Brazil*	2000	4407.24.10		45 <sup>W</sup>	625
Brazil*	2000	4407.29.30		1 <sup>W</sup>	343
Brazil*	2000	4407.99.10		1 <sup>W</sup>	350
Guyana	2000	<i>Chlorocardium rodiei</i>	Greenheart	8 <sup>I</sup>	942
Guyana	2000	<i>Peltogyne venosa</i>	Purpleheart	7 <sup>I</sup>	568
Guyana	2000	<i>Mora excelsa</i>	Mora	3 <sup>I</sup>	665
Guyana	2000	<i>Goupia glabra</i>	Kabukalli	0 <sup>R</sup>	--
Guyana	2001	<i>Chlorocardium rodiei</i>	Greenheart	6	407
Guyana	2001	<i>Peltogyne venosa</i>	Purpleheart	4	391
Guyana	2001	<i>Goupia glabra</i>	Kabukalli	0 <sup>R</sup>	339
Guyana	2001	<i>Hymenae spp.</i>	Locust	0 <sup>R</sup>	449
Guyana	2001	<i>Carapa spp.</i>	Crabwood	0 <sup>R</sup>	368
Guyana	2001	<i>Mora excelsa</i>	Mora	0 <sup>R</sup>	286
Guyana	2001	<i>Diploptropis purpurea</i>	Tatabu	0 <sup>R</sup>	308
Guyana	2001	<i>Ocotea rubra</i>	Determa	0 <sup>R</sup>	390
Guyana	2001		Others	13	159
Honduras*	2000	<i>Bombacopsis quinatum</i>	Saqui-saqui		
Honduras*	2000	<i>Swietenia humilis</i>	Caoba		
Honduras*	2000	<i>Swietenia macrophylla</i>	Mahogany		
Honduras*	2000	<i>Tectona grandis</i>	Teak		
Honduras*	2000	<i>Vochysia guatemalensis</i>			
Panama*	2000	<i>Anacardium excelsum</i>	Caracoli	0 <sup>R</sup>	486
Panama*	2000	<i>Bombacopsis quinata</i>	Saqui-saqui		
Panama*	2000	<i>Swietenia macrophylla</i>	Mahogany		
Panama*	2000	<i>Tabebuia pentaphylla</i>	Apamate		
Panama*	2000	<i>Vatairea spp.</i>			
Peru*	2000	<i>Cedrela spp.</i>	Cedro	75	649
Peru*	2000	<i>Dipteryx spp.</i>	Shihuahuaco		
Peru*	2000	<i>Iryanthera spp.</i>	Cumala		
Peru*	2000	<i>Juglans spp.</i>	Nogal		
Peru*	2000	<i>Swietenia macrophylla</i>	Caoba		

**Table 3-2-b. Major Tropical Sawnwood Species Exported by ITTO Members**

Country	Year	Latin Name or HS Code	Pilot Name/Local Name	Volume 1000 m3	Avg. Price \$/m3
Suriname	2000	<i>Dycorinia guianensis</i>			
Suriname	2000	<i>Goupia glabra</i>			
Suriname	2000	<i>Ocotea rubra</i>			
Suriname	2000	<i>Peltogyne spp.</i>			
Suriname	2000	<i>Tabebuia serratifolia</i>			
Suriname	2001	<i>Dycorinia guianensis</i>			
Suriname	2001	<i>Goupia glabra</i>			
Suriname	2001	<i>Ocotea rubra</i>			
Suriname	2001	<i>Peltogyne spp.</i>			
Suriname	2001	<i>Tabebuia serratifolia</i>			
Trinidad & Tobago	2000	<i>Cedrela spp.</i>	Cedar	0 <sup>R</sup>	--
Trinidad & Tobago	2000	<i>Mora spp.</i>	Mora	0 <sup>R</sup>	--
Trinidad & Tobago	2000	<i>Ocotea rodiaei</i>	Greenheart	0 <sup>R</sup>	--
Trinidad & Tobago	2000	<i>Pinus spp.</i>	Pine	0 <sup>R</sup>	--
Trinidad & Tobago	2000	<i>Swietenia spp.</i>	Mahogany	0 <sup>R</sup>	--
Trinidad & Tobago	2001	<i>Swietenia spp.</i>	Mahogany	0 <sup>I</sup>	1598
Trinidad & Tobago	2001	<i>Ocotea rodiaei</i>	Greenheart	0 <sup>I</sup>	--
Trinidad & Tobago	2001	<i>Mora spp.</i>	Mora	0 <sup>I</sup>	--
Trinidad & Tobago	2001	<i>Cedrela spp.</i>	Cedar	0 <sup>I</sup>	--
Trinidad & Tobago	2001		Others	0 <sup>I</sup>	9519
Australia	2000	<i>Shorea rugosa</i>	Meranti Bakau	0 <sup>R</sup>	764
Australia	2000	<i>Shorea spp.</i>	Dark Red Meranti		
Australia	2000	<i>Shorea spp.</i>	Light Red Meranti		
Australia	2000	<i>Dialianthera spp.</i>	Virola	0 <sup>R</sup>	1976
Australia	2000	<i>Ochroma spp.</i>	Balsa		
Australia	2000	<i>Phoebe porosa</i>	Imbuia		
Australia	2000	<i>Swietenia spp.</i>	Mahogany		
Australia	2001	<i>Dialianthera spp.</i>	Virola	0 <sup>R</sup>	1030
Australia	2001	<i>Ochroma spp.</i>	Balsa		
Australia	2001	<i>Phoebe porosa</i>	Imbuia		
Australia	2001	<i>Swietenia spp.</i>	Mahogany		
Australia	2001	<i>Shorea rugosa</i>	Meranti Bakau	0 <sup>R</sup>	747
Australia	2001	<i>Shorea spp.</i>	Dark Red Meranti		
Australia	2001	<i>Shorea spp.</i>	Light Red Meranti		
Canada	2000	<i>Dialianthera spp.</i>	Virola	0 <sup>R</sup>	185
Canada	2000	<i>Ochroma spp.</i>	Balsa		
Canada	2000	<i>Phoebe porosa</i>	Imbuia		
Canada	2000	<i>Swietenia spp.</i>	Mahogany		
Canada	2000		Others	0 <sup>R</sup>	1182
Canada	2001	<i>Dialianthera spp.</i>	Virola	0 <sup>R</sup>	531
Canada	2001	<i>Ochroma spp.</i>	Balsa		
Canada	2001	<i>Phoebe porosa</i>	Imbuia		
Canada	2001	<i>Swietenia spp.</i>	Mahogany		
Canada	2001		Others	0 <sup>R</sup>	773
<b>EU</b>					
Denmark	2000	<i>Dialianthera spp.</i>	Virola	1	742
Denmark	2000	<i>Ochroma lagopus</i>	Balsa		
Denmark	2000	<i>Phoebe porosa</i>	Imbuia		
Denmark	2000	<i>Swietenia spp.</i>	Mahogany		
Denmark	2000	<i>Shorea negrosensis</i>	Red Meranti	0 <sup>R</sup>	--
Denmark	2000	<i>Shorea rugosa</i>	Meranti Bakau		
Denmark	2000		Others	5	1188

**Table 3-2-b. Major Tropical Sawnwood Species Exported by ITTO Members**

Country	Year	Latin Name or HS Code	Pilot Name/Local Name	Volume 1000 m3	Avg. Price \$/m3
Denmark	2001	<i>Dialianthera spp.</i>	Virola	2	481
Denmark	2001	<i>Ochroma lagopus</i>	Balsa		
Denmark	2001	<i>Phoebe porosa</i>	Imbuia		
Denmark	2001	<i>Swietenia spp.</i>	Mahogany		
Denmark	2001	<i>Shorea negrosensis</i>	Red Meranti	2	60
Denmark	2001	<i>Shorea rugosa</i>	Meranti Bakau		
Denmark	2001		Others	5	6488
Finland	2000	4407.29	(see accompanying notes)	1	1178
Finland	2000	4407.24		0 <sup>R</sup>	--
Finland	2000	4407.25		0 <sup>R</sup>	--
Finland	2000	4407.26		0 <sup>R</sup>	--
Finland	2001	4407.29	(see accompanying notes)	0 <sup>I</sup>	5733
Finland	2001	4407.24		0 <sup>R</sup>	--
Finland	2001	4407.25		0 <sup>R</sup>	--
Finland	2001	4407.26		0 <sup>R</sup>	--
France	2000	<i>Dialianthera spp.</i>	Virola	1	481
France	2000	<i>Ochroma lagopus</i>	Balsa		
France	2000	<i>Phoebe porosa</i>	Imbuia		
France	2000	<i>Swietenia spp.</i>	Mahogany		
France	2000	<i>Shorea spp.</i>	Dark Red Meranti	0 <sup>R</sup>	1777
France	2000	<i>Shorea spp.</i>	Light Red Meranti		
France	2000	<i>Shorea spp.</i>	Meranti Bakau		
France	2000		Others	32	441
France	2001	<i>Dialianthera spp.</i>	Virola	0 <sup>R</sup>	510
France	2001	<i>Ochroma lagopus</i>	Balsa		
France	2001	<i>Phoebe porosa</i>	Imbuia		
France	2001	<i>Swietenia spp.</i>	Mahogany		
France	2001	<i>Shorea spp.</i>	Dark Red Meranti	0 <sup>R</sup>	850
France	2001	<i>Shorea spp.</i>	Light Red Meranti		
France	2001	<i>Shorea spp.</i>	Meranti Bakau		
France	2001		Others	40	435
Italy	2000		Others South American	3	845
Italy	2000		Others Asian	0 <sup>R</sup>	1244
Italy	2000		Others	6	1295
Netherlands	2000	<i>Shorea spp.</i>	Meranti	18	697
Netherlands	2000	<i>Lophira spp.</i>	Azobé	10	619
Netherlands	2000		Others	39	742
Netherlands	2001	<i>Lophira spp.</i>	Azobé	21	530
Netherlands	2001		Others	33	738
Portugal	2000	4407.29	(see accompanying notes)	6	476
Portugal	2000	4407.99			
Portugal	2000	4407.24			
Portugal	2000	4407.25			
Portugal	2000	4407.26		0 <sup>R</sup>	--
Portugal	2000			0 <sup>R</sup>	--
Portugal	2000			0 <sup>R</sup>	--
Portugal	2001	4407.29	(see accompanying notes)	6	365
Portugal	2001	4407.99			
Portugal	2001	4407.24			
Portugal	2001	4407.25			
Portugal	2001	4407.26		0 <sup>R</sup>	--
Portugal	2001			0 <sup>R</sup>	--
Portugal	2001			0 <sup>R</sup>	--

**Table 3-2-b. Major Tropical Sawnwood Species Exported by ITTO Members**

Country	Year	Latin Name or HS Code	Pilot Name/Local Name	Volume 1000 m3	Avg. Price \$/m3
Japan	2000	<i>Euxylophora paraensis</i> spp.	Tsuge/Boxwood	0 <sup>R</sup>	--
Japan	2000		Tagayasan, etc.		
Japan	2000		Others		
Japan	2001	<i>Euxylophora paraensis</i> spp.	Tsuge/Boxwood	0 <sup>R</sup>	--
Japan	2001		Tagayasan, etc.		
Japan	2001	<i>Parashorea</i> spp.	White Seraya	0 <sup>R</sup>	--
Japan	2001	<i>Parashorea</i> spp., <i>Pentacme</i> spp.	White Lauan		
Japan	2001	<i>Shorea albida</i>	Alan		
Japan	2001	<i>Shorea</i> spp.	White Meranti		
Japan	2001	<i>Shorea</i> spp.	Yellow Meranti		
Japan	2001		Others	0 <sup>R</sup>	--
Norway	2000	4407.29.00	(see accompanying notes)	0 <sup>R</sup>	429
Norway	2000	4407.25.00		0 <sup>R</sup>	74
Norway	2001	4407.26.00	(see accompanying notes)	1	131
Norway	2001	4407.29.00		1	413
Norway	2001	4407.25.00		0 <sup>R</sup>	188
Norway	2001	4407.24.00		0 <sup>R</sup>	278
Rep. of Korea	2000		Others	3	345
Rep. of Korea	2001		Others	3	330

**Table 3-2-c. Major Tropical Veneer Species Exported by ITTO Members**

Country	Year	Latin Name or HS Code	Pilot Name/Local Name	Volume 1000 m3	Avg. Price \$/m3
Côte d'Ivoire	2000	<i>Ceiba pentandra</i>	Fromager	80	202
Côte d'Ivoire	2000	<i>Pycnanthus angolensis</i>	Ilomba	13	199
Côte d'Ivoire	2000	<i>Aningeria robusta</i>	Aniégré	6	679
Côte d'Ivoire	2000	<i>Bombax buonopozense</i>	Kapokier	6	230
Côte d'Ivoire	2000	<i>Pterygota spp.</i>	Koto	2	225
Côte d'Ivoire	2000	<i>Rhodognaphalon spp.</i>	Kondroti	1	732
Côte d'Ivoire	2000	<i>Triplochiton scleroxylon</i>	Samba	1	292
Côte d'Ivoire	2000		Others	4	343
Côte d'Ivoire	2001	<i>Ceiba pentandra</i>	Fromager	75	202
Côte d'Ivoire	2001	<i>Aningeria robusta</i>	Aniégré	15	769
Côte d'Ivoire	2001	<i>Pycnanthus angolensis</i>	Ilomba	11	240
Côte d'Ivoire	2001	<i>Bombax buonopozense</i>	Kapokier	7	296
Côte d'Ivoire	2001	<i>Pterygota spp.</i>	Koto	3	222
Côte d'Ivoire	2001	<i>Chlorophora excelsa</i>	Iroko	2	966
Côte d'Ivoire	2001	<i>Rhodognaphalon spp.</i>	Kondroti	2	717
Côte d'Ivoire	2001	<i>Triplochiton scleroxylon</i>	Samba	2	287
Côte d'Ivoire	2001		Others	4	1857
Gabon	2000	<i>Aucoumea klaineana</i>	Okoumé	91 <sup>1</sup>	241
Gabon	2001	<i>Aucoumea klaineana</i>	Okoumé	104 <sup>1</sup>	360
Ghana	2000	<i>Ceiba pentandra</i>	Ceiba	61	231
Ghana	2000	<i>Aningeria altissima</i>	Asanfina	18	852
Ghana	2000	<i>Pycnanthus angolensis</i>	Otie	5	311
Ghana	2000	<i>Khaya ivorensis</i>	Mahogany	4	1093
Ghana	2000	<i>Antiaris africana</i>	Chenchen	2	687
Ghana	2000	<i>Entandrophragma cylindricum</i>	Sapele	2	929
Ghana	2000	<i>Pterygota macrocarpa</i>	Koto/Kyere	2	1990
Ghana	2000		Akasa	1	865
Ghana	2000		Others (33 species)	17	331
Ghana	2001	<i>Ceiba pentandra</i>	Ceiba	67	222
Ghana	2001	<i>Aningeria altissima</i>	Asanfina	22	862
Ghana	2001	<i>Pycnanthus angolensis</i>	Otie	5	310
Ghana	2001	<i>Antiaris africana</i>	Chenchen	4	524
Ghana	2001	<i>Pterygota macrocarpa</i>	Koto/Kyere	3	630
Ghana	2001	<i>Khaya ivorensis</i>	Mahogany	2	1909
Ghana	2001	<i>Entandrophragma cylindricum</i>	Sapele	2	758
Ghana	2001		Akasa	1	919
Ghana	2001		Others (33 species)	9	568
Fiji	2000*	<i>Decussocarpus vitiensis</i>		1	639
Fiji	2000*	<i>Agathis vitiensis</i>		0 <sup>R</sup>	935
Fiji	2000*	<i>Callophyllum vitiensis</i>		0 <sup>R</sup>	466
Fiji	2000*	<i>Endospermum macrophyllum</i>		0 <sup>R</sup>	640
Fiji	2000*	<i>Vusavusa</i>		0 <sup>R</sup>	472
Fiji	2000*		Others	0 <sup>R</sup>	649
Fiji	2001	<i>Agathis vitiensis</i>		2	699
Fiji	2001	<i>Callophyllum vitiensis</i>			
Fiji	2001	<i>Decussocarpus vitiensis</i>			
Fiji	2001	<i>Endospermum macrophyllum</i>			
Fiji	2001	<i>Myristica spp.</i>			
Fiji	2001	<i>Sterculia vitiensis</i>	Waciwaci		
Fiji	2001		Vusavusa		
Myanmar	2000	<i>Tectona grandis</i>	Teak	1	420
Myanmar	2001	<i>Tectona grandis</i>	Teak	1	277
Papua New Guinea	2000		Mixed hardwood	20	180
Papua New Guinea	2001		Mixed hardwood	20	531
Philippines	2000	<i>Shorea spp.</i>	Lauan	3	703

**Table 3-2-c. Major Tropical Veneer Species Exported by ITTO Members**

Country	Year	Latin Name or HS Code	Pilot Name/Local Name	Volume 1000 m3	Avg. Price \$/m3
Thailand	2000	<i>Tectona grandis</i>	Teak	2	4338
Thailand	2000		Others	0 <sup>R</sup>	--
Thailand	2001	<i>Tectona grandis</i>	Teak	2	4520
Thailand	2001		Others	0 <sup>R</sup>	--
Bolivia	2000	<i>Peltogyne spp.</i>	Morado	1	1826
Bolivia	2000	<i>Triplaris guayaquilensis, Calophyllum brasiliense</i>	Palo maria	1	34
Bolivia	2000	<i>Platymiscium fragrans</i>	Tarara	1	1383
Bolivia	2000		Verdolago	0 <sup>R</sup>	3170
Bolivia	2000	<i>Tabebuia spp.</i>	Roble	0 <sup>R</sup>	--
Bolivia	2001	<i>Peltogyne spp.</i>	Morado	2	1028
Bolivia	2001	<i>Tabebuia spp.</i>	Roble	0 <sup>R</sup>	956
Bolivia	2001	<i>Platymiscium fragrans</i>	Tarara	0 <sup>R</sup>	1737
Bolivia	2001	<i>Schizolobium spp.</i>	Serebo	0 <sup>R</sup>	232
Bolivia	2001	<i>Cedrela spp.</i>	Cedro	0 <sup>R</sup>	1769
Bolivia	2001	<i>Triplaris guayaquilensis, Calophyllum brasiliense</i>	Palo maria	0 <sup>R</sup>	606
Bolivia	2001		Verdolago	0 <sup>R</sup>	1924
Bolivia	2001		Picana negra	0 <sup>R</sup>	1381
Bolivia	2001		Others	0 <sup>R</sup>	588
Brazil*	2000	4408.39.10	(see accompanying notes)	1 <sup>W</sup>	1554
Brazil*	2000	4408.39.20		0 <sup>WR</sup>	446
Honduras*	2000	<i>Swietenia macrophylla</i>	Mahogany		
Peru*	2000	<i>Cedrela spp.</i>	Cedro	8	436
Peru*	2000	<i>Chorisia spp.</i>	Lupuna		
Peru*	2000	<i>Copaifera spp.</i>	Copaiba		
Peru*	2000	<i>Micrandra spruceana</i>	Higuerilla		
Peru*	2000	<i>Swietenia macrophylla</i>	Caoba		
Trinidad & Tobago	2000		Others	0 <sup>R</sup>	765
Canada	2000	<i>Shorea rugosa</i>	Dark Red Meranti	0 <sup>R</sup>	4455
Canada	2000	<i>Shorea spp.</i>	Light Red Meranti		
Canada	2000	<i>Shorea spp.</i>	Meranti Bakau		
Canada	2000		Others	0 <sup>R</sup>	3138
Canada	2001	<i>Shorea rugosa</i>	Dark Red Meranti	0 <sup>R</sup>	2904
Canada	2001	<i>Shorea spp.</i>	Light Red Meranti		
Canada	2001	<i>Shorea spp.</i>	Meranti Bakau		
Canada	2001		Others	0 <sup>R</sup>	3884

**Table 3-2-c. Major Tropical Veneer Species Exported by ITTO Members**

Country	Year	Latin Name or HS Code	Pilot Name/Local Name	Volume 1000 m3	Avg. Price \$/m3
<b>EU</b>					
Denmark	2000	<i>Chlorophora</i> spp.	Iroko	1	4454
Denmark	2000	<i>Dactylocladus stenostachys</i>	Jongkong		
Denmark	2000	<i>Dipterocarpus</i> spp.	Keruing		
Denmark	2000	<i>Dryobalanops</i> spp.	Kapur		
Denmark	2000	<i>Dumoria</i> spp.	Maroke		
Denmark	2000	<i>Dyera</i> spp.	Jelutong		
Denmark	2000	<i>Entandrophragma</i> spp.	Tiama		
Denmark	2000	<i>Gonystylus</i> spp.	Ramin		
Denmark	2000	<i>Intsia</i> spp.	Merbau		
Denmark	2000	<i>Koompassia malaccensis</i>	Kempas		
Denmark	2000	<i>Lophira</i> spp.	Azobé		
Denmark	2000	<i>Lovoa</i> spp.	Dibetou		
Denmark	2000	<i>Mansonia altissima</i>	Mansonia		
Denmark	2000	<i>Ochroma lagopus</i>	Balsa		
Denmark	2000	<i>Parashorea</i> spp.	Seraya		
Denmark	2000	<i>Pycnanthus</i> spp.	Ilomba		
Denmark	2000	<i>Shorea albida</i>	Alan		
Denmark	2000	<i>Shorea</i> spp.	White Meranti		
Denmark	2000	<i>Shorea</i> spp.	Yellow Meranti		
Denmark	2000	<i>Tectona grandis</i>	Teak		
Denmark	2000		Imuai		
Denmark	2000	<i>Aucoumea klaineana</i>	Okoumé	0 <sup>R</sup>	--
Denmark	2000	<i>Dalbergia</i> spp.	Pallisandre		
Denmark	2000	<i>Dialianthera</i> spp.	Virola		
Denmark	2000	<i>Entandrophragma cylindricum</i>	Sapelli		
Denmark	2000	<i>Entandrophragma utile</i>	Sipo		
Denmark	2000	<i>Khaya</i> spp.	Acajou d'Afrique		
Denmark	2000	<i>Parashorea</i> spp., <i>Pentacme</i> spp.	White Lauan		
Denmark	2000	<i>Swietenia</i> spp.	Mahogany		
Denmark	2000	<i>Triplochiton scleroxylon</i>	Obeche		
Denmark	2000	<i>Shorea negrosensis</i>	Red Meranti		
Denmark	2000	<i>Shorea rugosa</i>	Meranti Bakau	0 <sup>R</sup>	--
Denmark	2001	<i>Aucoumea klaineana</i>	Okoumé	1	1081
Denmark	2001	<i>Dalbergia</i> spp.	Pallisandre		
Denmark	2001	<i>Dialianthera</i> spp.	Virola		
Denmark	2001	<i>Entandrophragma cylindricum</i>	Sapelli		
Denmark	2001	<i>Entandrophragma utile</i>	Sipo		
Denmark	2001	<i>Khaya</i> spp.	Acajou d'Afrique		
Denmark	2001	<i>Parashorea</i> spp., <i>Pentacme</i> spp.	White Lauan		
Denmark	2001	<i>Swietenia</i> spp.	Mahogany		
Denmark	2001	<i>Triplochiton scleroxylon</i>	Obeche		
Denmark	2001	<i>Chlorophora</i> spp.	Iroko		
Denmark	2001	<i>Dactylocladus stenostachys</i>	Jongkong	1	3725
Denmark	2001	<i>Dipterocarpus</i> spp.	Keruing		
Denmark	2001	<i>Dryobalanops</i> spp.	Kapur		
Denmark	2001	<i>Dumoria</i> spp.	Maroke		
Denmark	2001	<i>Dyera</i> spp.	Jelutong		
Denmark	2001	<i>Entandrophragma</i> spp.	Tiama		
Denmark	2001	<i>Gonystylus</i> spp.	Ramin		
Denmark	2001	<i>Intsia</i> spp.	Merbau		
Denmark	2001	<i>Koompassia malaccensis</i>	Kempas		
Denmark	2001	<i>Lophira</i> spp.	Azobé		
Denmark	2001	<i>Lovoa</i> spp.	Dibetou		
Denmark	2001	<i>Mansonia altissima</i>	Mansonia		
Denmark	2001	<i>Ochroma lagopus</i>	Balsa		
Denmark	2001	<i>Parashorea</i> spp.	Seraya		
Denmark	2001	<i>Pycnanthus</i> spp.	Ilomba		
Denmark	2001	<i>Shorea albida</i>	Alan		
Denmark	2001	<i>Shorea</i> spp.	White Meranti		
Denmark	2001	<i>Shorea</i> spp.	Yellow Meranti		
Denmark	2001	<i>Tectona grandis</i>	Teak		
Denmark	2001		Imuai		
Denmark	2001	<i>Shorea negrosensis</i>	Red Meranti	0 <sup>R</sup>	--
Denmark	2001	<i>Shorea rugosa</i>	Meranti Bakau		

**Table 3-2-c. Major Tropical Veneer Species Exported by ITTO Members**

Country	Year	Latin Name or HS Code	Pilot Name/Local Name	Volume 1000 m3	Avg. Price \$/m3
Finland	2000	4408.31	(see accompanying notes)	0 <sup>R</sup>	--
Finland	2000	4408.39		0 <sup>R</sup>	--
Finland	2001	4408.31	(see accompanying notes)	0 <sup>R</sup>	--
Finland	2001	4408.39		0 <sup>R</sup>	--
France	2000	<i>Aucoumea klaineana</i>	Okoumé	1	4152
France	2000	<i>Dalbergia spp.</i>	Palissandre de Rio		
France	2000	<i>Dalbergia spp.</i>	Palissandre de Para		
France	2000	<i>Dalbergia spp.</i>	Palissandre de Rose		
France	2000	<i>Dialianthera spp.</i>	Virola		
France	2000	<i>Entandrophragma cylindricum</i>	Sapelli		
France	2000	<i>Entandrophragma utile</i>	Sipo		
France	2000	<i>Khaya spp.</i>	Acajou d'Afrique		
France	2000	<i>Parashorea spp., Pentacme spp.</i>	White lauan		
France	2000	<i>Swietenia spp.</i>	Mahogany		
France	2000	<i>Terminalia superba</i>	Limba		
France	2000	<i>Triplochiton scleroxylon</i>	Obéché		
France	2000	<i>Shorea spp.</i>	Dark Red Meranti	0 <sup>R</sup>	5053
France	2000	<i>Shorea spp.</i>	Light Red Meranti		
France	2000	<i>Shorea spp.</i>	Meranti Bakau		
France	2000		Others	26	409
France	2001	<i>Aucoumea klaineana</i>	Okoumé	1	5082
France	2001	<i>Dalbergia spp.</i>	Palissandre de Rio		
France	2001	<i>Dalbergia spp.</i>	Palissandre de Para		
France	2001	<i>Dalbergia spp.</i>	Palissandre de Rose		
France	2001	<i>Dialianthera spp.</i>	Virola		
France	2001	<i>Entandrophragma cylindricum</i>	Sapelli		
France	2001	<i>Entandrophragma utile</i>	Sipo		
France	2001	<i>Khaya spp.</i>	Acajou d'Afrique		
France	2001	<i>Parashorea spp., Pentacme spp.</i>	White lauan		
France	2001	<i>Swietenia spp.</i>	Mahogany		
France	2001	<i>Terminalia superba</i>	Limba		
France	2001	<i>Triplochiton scleroxylon</i>	Obéché		
France	2001	<i>Shorea spp.</i>	Dark Red Meranti	0 <sup>R</sup>	1874
France	2001	<i>Shorea spp.</i>	Light Red Meranti		
France	2001	<i>Shorea spp.</i>	Meranti Bakau		
France	2001		Others	30	486
Netherlands	2000		Others	11	1055
Netherlands	2001		Others	12	1065
Portugal	2000	4408.39		4	1042
Portugal	2000	4408.90.810			
Portugal	2000	4408.90.890			
Portugal	2000	4408.31	(see accompanying notes)	0 <sup>R</sup>	--
Portugal	2001	4408.39		6	1339
Portugal	2001	4408.90.810			
Portugal	2001	4408.90.890			
Portugal	2001	4408.31	(see accompanying notes)	0 <sup>R</sup>	--
Japan	2000		Others	0 <sup>R</sup>	--
Japan	2001		Others	1	1145
Norway	2000	4408.31.90	(see accompanying notes)	0 <sup>R</sup>	--
Norway	2000	4408.39.10		0 <sup>R</sup>	936
Norway	2000	4408.39.90		0 <sup>R</sup>	926
Norway	2001	4408.39.10	(see accompanying notes)	0 <sup>R</sup>	274
Norway	2001	4408.39.90		0 <sup>R</sup>	--
Norway	2001	4408.31.90		0 <sup>R</sup>	1312

**Table 3-2-c. Major Tropical Veneer Species Exported by ITTO Members**

Country	Year	Latin Name or HS Code	Pilot Name/Local Name	Volume 1000 m3	Avg. Price \$/m3
Rep. of Korea	2000	4408.39.50.00	(see accompanying notes)	0 <sup>R</sup>	--
Rep. of Korea	2000		Others	0 <sup>R</sup>	--
Rep. of Korea	2001	4408.39.50.00	(see accompanying notes)	0 <sup>R</sup>	--
Rep. of Korea	2001		Others	0 <sup>R</sup>	--

**Table 3-2-d. Major Tropical Plywood Species Exported by ITTO Members**

Country	Year	Latin Name or HS Code	Pilot Name/Local Name	Volume 1000 m3	Avg. Price \$/m3
CAR*	2000	<i>Entandrophragma cylindricum</i>	Sapelli	0 <sup>R</sup>	324
CAR*	2000	<i>Triplochiton scleroxylon</i>	Ayous	0 <sup>R</sup>	269
Côte d'Ivoire	2000	<i>Ceiba pentandra</i>	Fromager	26	282
Côte d'Ivoire	2000	<i>Bombax buonopozense</i>	Kapokier	10	330
Côte d'Ivoire	2000	<i>Pycnanthus angolensis</i>	Ilomba	3	334
Côte d'Ivoire	2000		Others	1	347
Côte d'Ivoire	2001	<i>Ceiba pentandra</i>	Fromager	22	268
Côte d'Ivoire	2001	<i>Bombax buonopozense</i>	Kapokier	8	316
Côte d'Ivoire	2001	<i>Pycnanthus angolensis</i>	Ilomba	3	329
Côte d'Ivoire	2001		Others	1	211
Gabon	2000	<i>Aucoumea klaineana</i>	Okoumé	78 <sup>I</sup>	128
Gabon	2001	<i>Aucoumea klaineana</i>	Okoumé	57 <sup>I</sup>	233
Ghana	2000	<i>Ceiba pentandra</i>	Ceiba	30	255
Ghana	2000	<i>Antiaris africana</i>	Chenchen	14	263
Ghana	2000	<i>Terminalia superba</i>	Ofram	2	234
Ghana	2000	<i>Celtis spp.</i>	Essa	1	308
Ghana	2000	<i>Tieghemella spp.</i>	Makore	0 <sup>R</sup>	381
Ghana	2000	<i>Pycnanthus angolensis</i>	Otie	0 <sup>R</sup>	396
Ghana	2000	<i>Heritiera spp.</i>	Niangon	0 <sup>R</sup>	135
Ghana	2000		Albiza	0 <sup>R</sup>	370
Ghana	2000		Others	0 <sup>R</sup>	59
Ghana	2001	<i>Ceiba pentandra</i>	Ceiba	39	247
Ghana	2001	<i>Antiaris africana</i>	Chenchen	13	268
Ghana	2001	<i>Celtis spp.</i>	Essa	0 <sup>R</sup>	360
Ghana	2001	<i>Pycnanthus angolensis</i>	Otie	0 <sup>R</sup>	456
Ghana	2001	<i>Terminalia superba</i>	Ofram	0 <sup>R</sup>	438
Ghana	2001		Others	0 <sup>R</sup>	351
Fiji	2001	<i>Agathis vitiensis</i>	Waciwaci Vusavusa	3	571
Fiji	2001	<i>Callophyllum vitiensis</i>			
Fiji	2001	<i>Decussocarpus vitiensis</i>			
Fiji	2001	<i>Endospermum macrophyllum</i>			
Fiji	2001	<i>Myristica spp.</i>			
Fiji	2001	<i>Sterculia vitiensis</i>			
Fiji	2001				
Myanmar	2000	<i>Dipterocarpus spp.</i>	In/Kanyin	33	27
Myanmar	2000	<i>Tectona grandis</i>	Teak	13	178
Myanmar	2001	<i>Dipterocarpus spp.</i>	In/Kanyin	30	24
Myanmar	2001	<i>Tectona grandis</i>	Teak	14	163
Papua New Guinea	2000	<i>Auracaria</i>	Hoop/Klinki	0 <sup>R</sup>	600
Papua New Guinea	2001	<i>Auracaria</i>	Hoop/Klinki	1	372
Philippines	2000	<i>Shorea spp.</i>	Lauan	0 <sup>R</sup>	--
Philippines	2000	<i>Shorea spp.</i>	Tangile		
Thailand	2000		Others	37	388
Thailand	2001		Others	36	325

**Table 3-2-d. Major Tropical Plywood Species Exported by ITTO Members**

Country	Year	Latin Name or HS Code	Pilot Name/Local Name	Volume 1000 m3	Avg. Price \$/m3
Bolivia	2001	<i>Cedrela spp.</i>	Cedro	0 <sup>R</sup>	150
Brazil*	2000	4412.14.00	(see accompanying notes)	314 <sup>W</sup>	341
Brazil*	2000	4412.29.00		30 <sup>W</sup>	309
Brazil*	2000	4412.22.00		10 <sup>W</sup>	574
Guyana	2000	<i>Catostemma altonsi</i>	Baromalli	87	271
Guyana	2001	<i>Catostemma altonsi</i>	Baromalli	65	254
Honduras*	2000	<i>Swietenia macrophylla</i>	Mahogany		
Panama*	2000	<i>Bombacopsis quinata</i>	Saqui-saqui	0 <sup>R</sup>	696
Panama*	2000	<i>Dalbergia retusa</i>	Cocobolo		
Panama*	2000	<i>Hieronyma alchorneioides</i>	Pilon		
Panama*	2000	<i>Myroxylon balsamun</i>	Balsamo		
Panama*	2000	<i>Tabebuia pentaphylla</i>	Apamate		
Peru*	2000	<i>Cedrela spp.</i>	Cedro	2	758
Peru*	2000	<i>Chorisia spp.</i>	Lupuna		
Peru*	2000	<i>Copaifera spp.</i>	Copaiba		
Peru*	2000	<i>Maquira spp.</i>	Capinuri		
Peru*	2000	<i>Virola spp.</i>	Cumala		
Suriname	2000	<i>Dycorinia guianensis</i>			
Suriname	2000	<i>Virola spp.</i>			
Suriname	2001	<i>Dycorinia guianensis</i>			
Suriname	2001	<i>Virola spp.</i>			
Trinidad & Tobago	2000		Others	0 <sup>R</sup>	1316
Canada	2000		Others	26	291
Canada	2001		Others	26	338
<b>EU</b>					
Denmark	2000		Others	6	680
Denmark	2001		Others	6	601
Finland	2000	4412.130	(see accompanying notes)	0 <sup>R</sup>	--
Finland	2000	4412.220		0 <sup>R</sup>	--
Finland	2000	4412.920		0 <sup>R</sup>	--
Finland	2001	4412.130	(see accompanying notes)	0 <sup>R</sup>	--
Finland	2001	4412.220		0 <sup>R</sup>	--
Finland	2001	4412.920		0 <sup>R</sup>	--
France	2000	<i>Aucoumea klaineana</i>	Okoumé	117	862
France	2000	<i>Dalbergia spp.</i>	Palissandre de Rio		
France	2000	<i>Dalbergia spp.</i>	Palissandre de Para		
France	2000	<i>Dalbergia spp.</i>	Palissandre de Rose		
France	2000	<i>Dialianthera spp.</i>	Virola		
France	2000	<i>Entandrophragma cylindricum</i>	Sapelli		
France	2000	<i>Entandrophragma utile</i>	Sipo		
France	2000	<i>Khaya spp.</i>	Acajou d'Afrique		
France	2000	<i>Parashorea spp., Pentacme spp.</i>	White Lauan		
France	2000	<i>Shorea spp.</i>	Dark Red Meranti		
France	2000	<i>Shorea spp.</i>	Light Red Meranti		
France	2000	<i>Swietenia spp.</i>	Mahogany		
France	2000	<i>Terminalia superba</i>	Limba		
France	2000	<i>Triplochiton scleroxylon</i>	Obéché		
France	2000		Others	16	922

**Table 3-2-d. Major Tropical Plywood Species Exported by ITTO Members**

Country	Year	Latin Name or HS Code	Pilot Name/Local Name	Volume 1000 m3	Avg. Price \$/m3
France	2001	<i>Aucoumea klaineana</i>	Okoumé	105	915
France	2001	<i>Dalbergia spp.</i>	Palissandre de Rio		
France	2001	<i>Dalbergia spp.</i>	Palissandre de Para		
France	2001	<i>Dalbergia spp.</i>	Palissandre de Rose		
France	2001	<i>Dialianthera spp.</i>	Virola		
France	2001	<i>Entandrophragma cylindricum</i>	Sapelli		
France	2001	<i>Entandrophragma utile</i>	Sipo		
France	2001	<i>Khaya spp.</i>	Acajou d'Afrique		
France	2001	<i>Parashorea spp., Pentacme spp.</i>	White Lauan		
France	2001	<i>Shorea spp.</i>	Dark Red Meranti		
France	2001	<i>Shorea spp.</i>	Light Red Meranti		
France	2001	<i>Swietenia spp.</i>	Mahogany		
France	2001	<i>Terminalia superba</i>	Limba		
France	2001	<i>Triplochiton scleroxylon</i>	Obéché		
France	2001		Others	17	882
Netherlands	2000		Others	33	813
Netherlands	2001		Others	30	815
Portugal	2000	4412.13.10	(see accompanying notes)	0 <sup>R</sup>	--
Portugal	2000	4411.21.400		0 <sup>R</sup>	--
Portugal	2000	4411.29.2000			
Portugal	2000	4412.13.900			
Portugal	2001	4412.13.10	(see accompanying notes)	0 <sup>R</sup>	--
Portugal	2001	4411.21.400		0 <sup>R</sup>	--
Portugal	2001	4411.29.2000			
Portugal	2001	4412.13.900			
Japan	2000		Others	1	1858
Japan	2001		Others	1	1658
Norway	2000	4412.13.01	(see accompanying notes)	1	736
Norway	2000	4412.13.09			
Norway	2000	4412.22.00			
Norway	2000	4412.29.00			
Norway	2001	4412.13.01	(see accompanying notes)	2	1310
Norway	2001	4412.13.09			
Norway	2001	4412.22.00			
Norway	2001	4412.29.00			
Rep. of Korea	2000		Others	1	643
Rep. of Korea	2001		Others	2	524

## **Appendix 4**

### **Prices of Major Tropical Timber and Selected Competing Softwood Products**

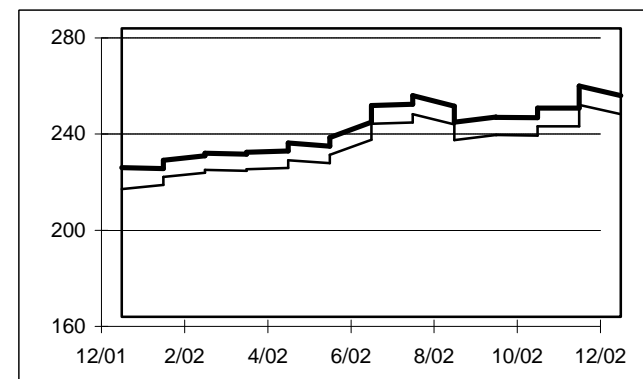
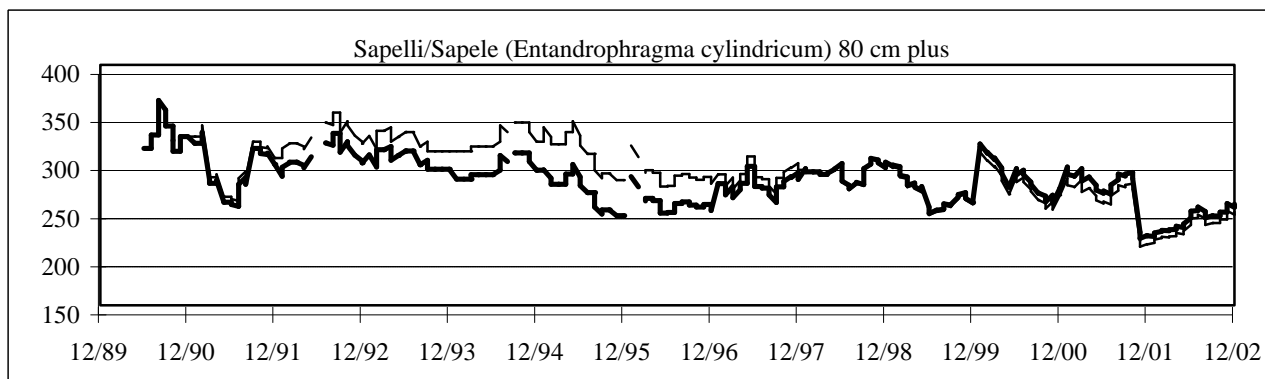
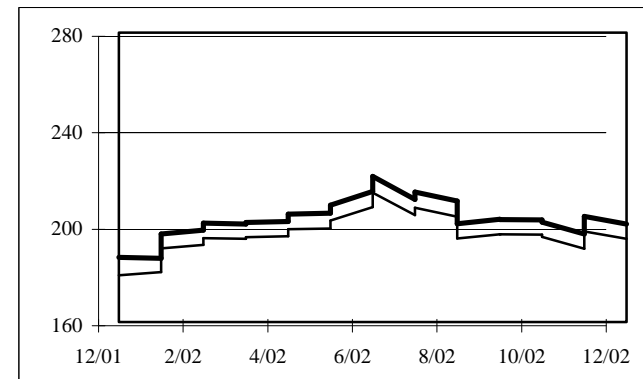
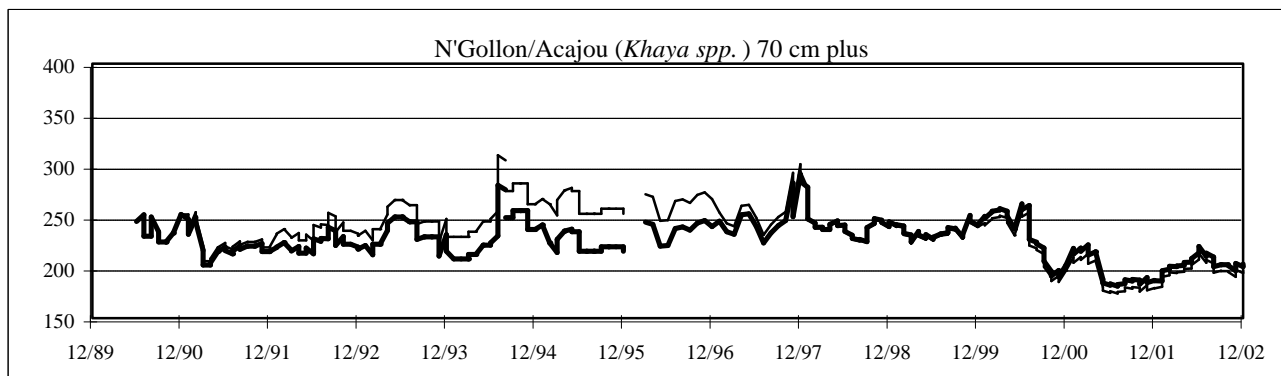
4-1. Logs.....	191
4-2. Sawnwood.....	195
4-3. Plywood.....	198
4-4. Secondary Processed Wood Products.....	202



#### 4-1-a. Price of Cameroonian Logs, 1990-2002

Bold lines show FOB prices in constant 1990 US\$ per cubic meter (deflated by the G-5 MUV Index used by the World Bank for deriving real commodity prices).

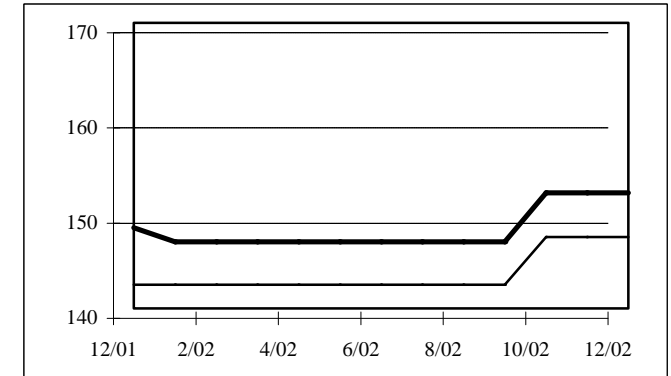
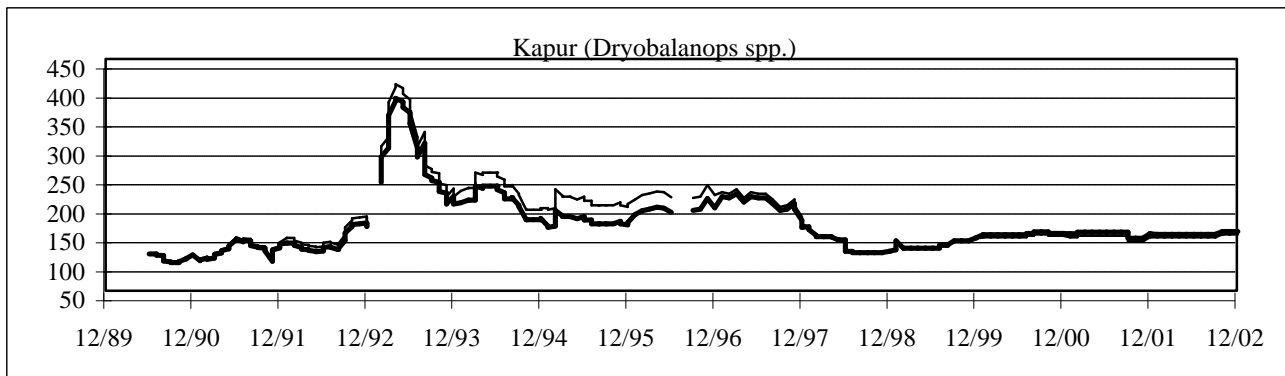
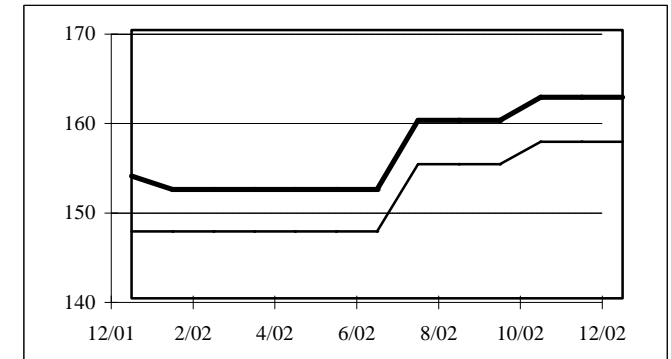
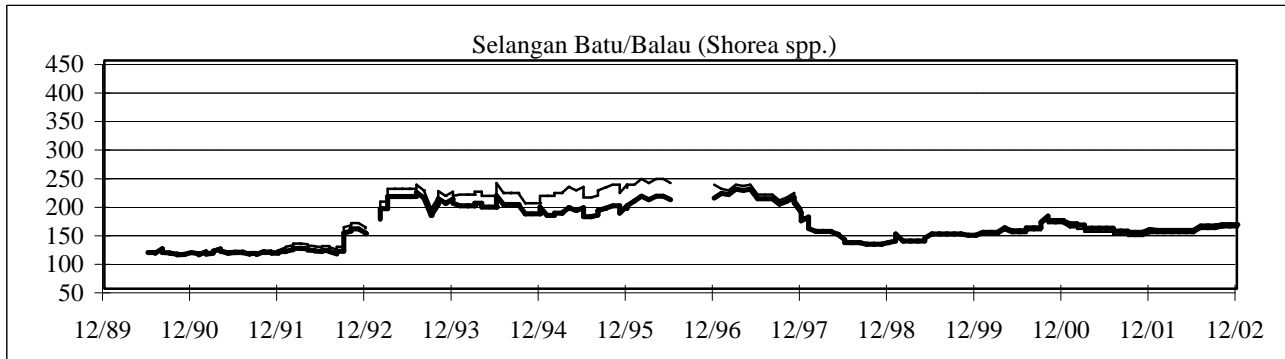
Normal lines show nominal FOB price trends. Graphs on this page show major log export species from Cameroon. Grades are Loyal et Marchand or equivalent.



#### 4-1-b. Price of Malaysian Logs, 1990-2002

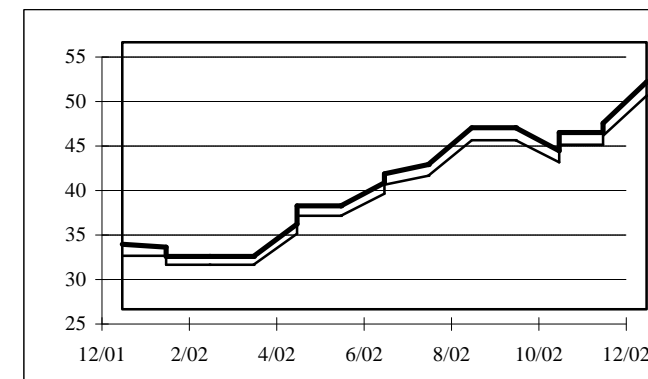
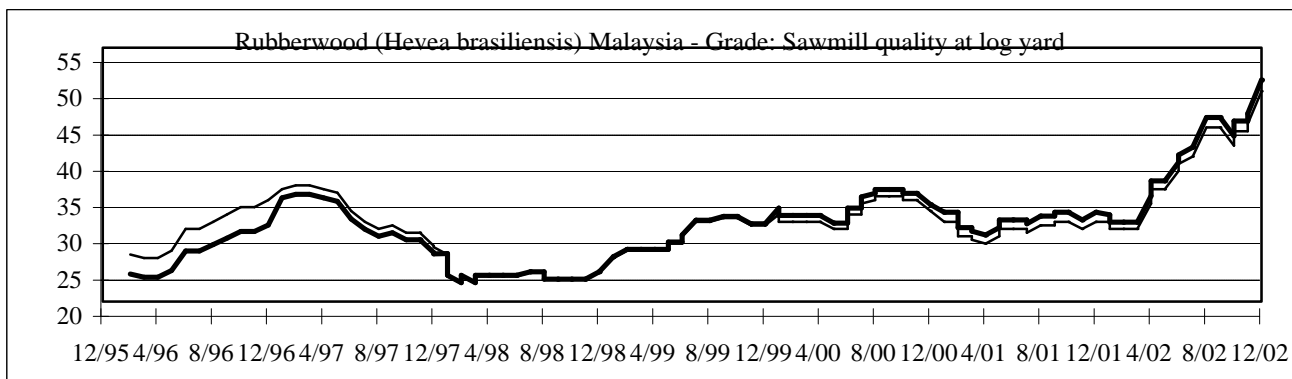
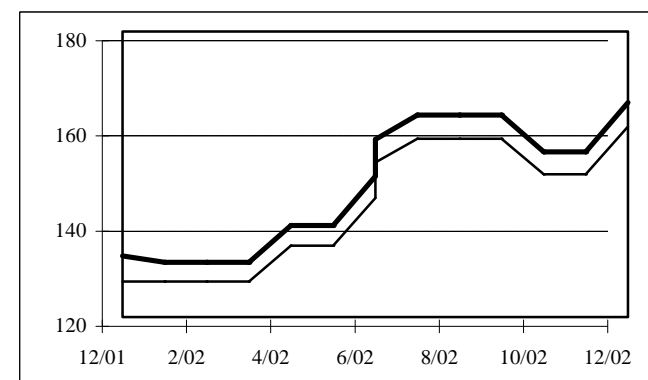
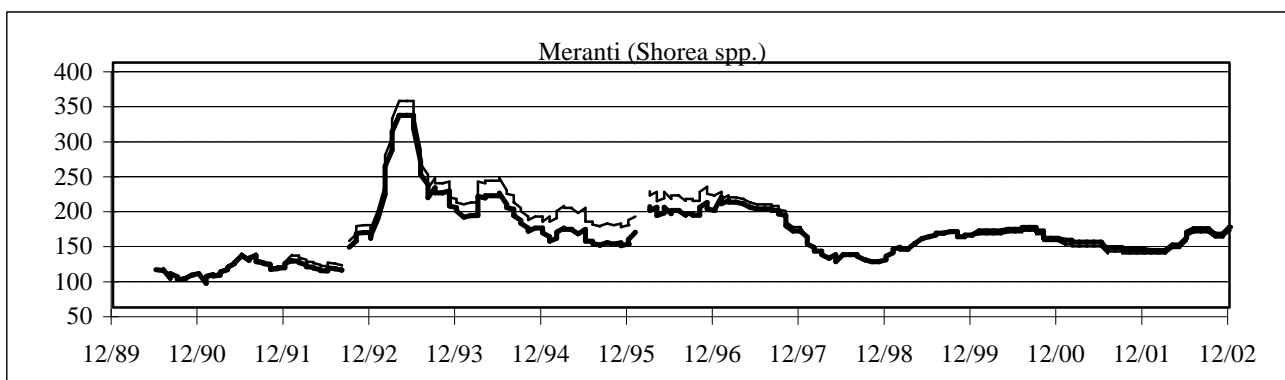
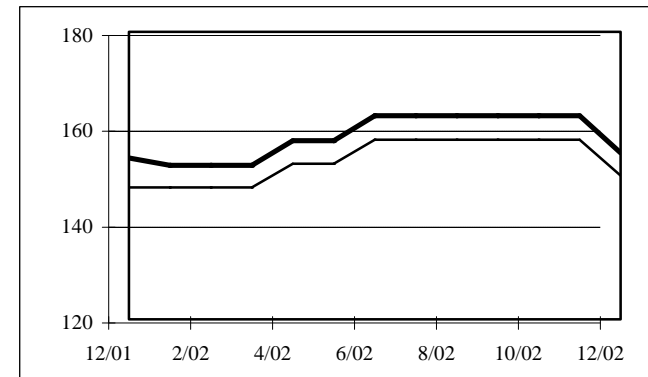
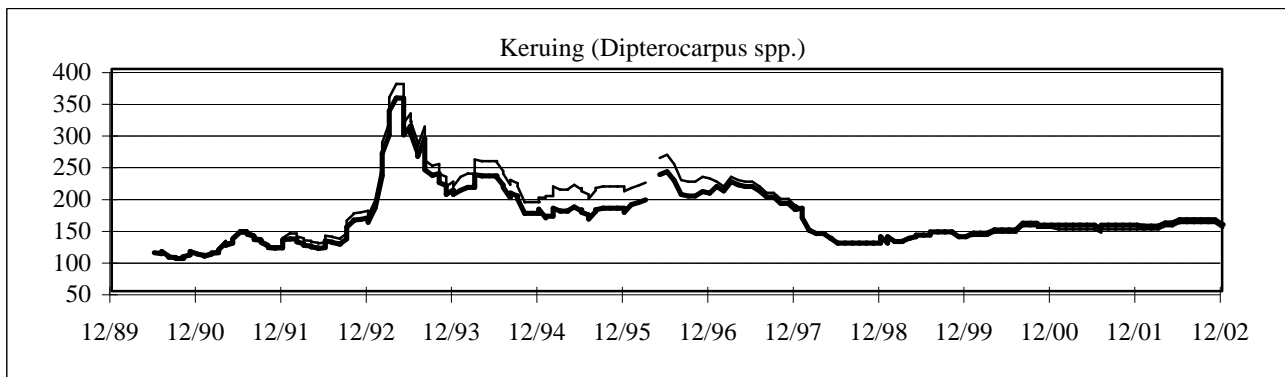
Bold lines show FOB prices in constant 1990 US\$ per cubic meter (deflated by the G-5 MUV Index used by the World Bank for deriving real commodity prices).

Normal lines show nominal FOB price trends. Graphs on this page show major log export species from Malaysia. Grades are Sawmill Quality and up.



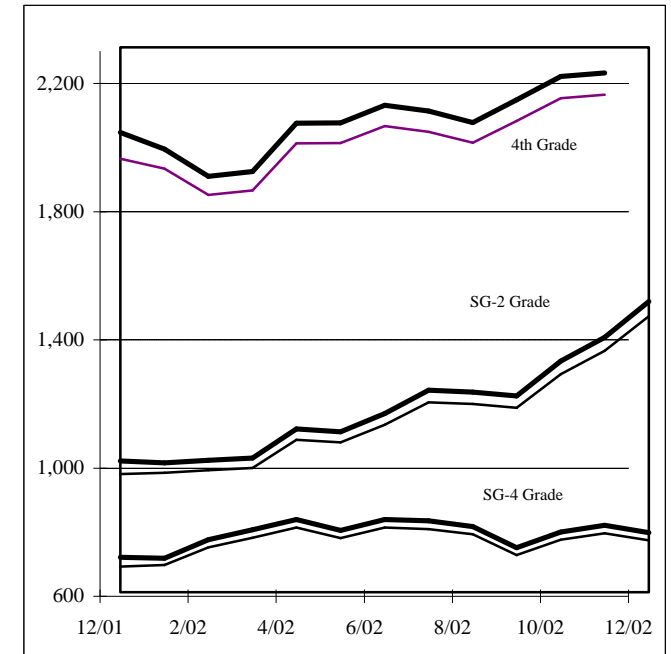
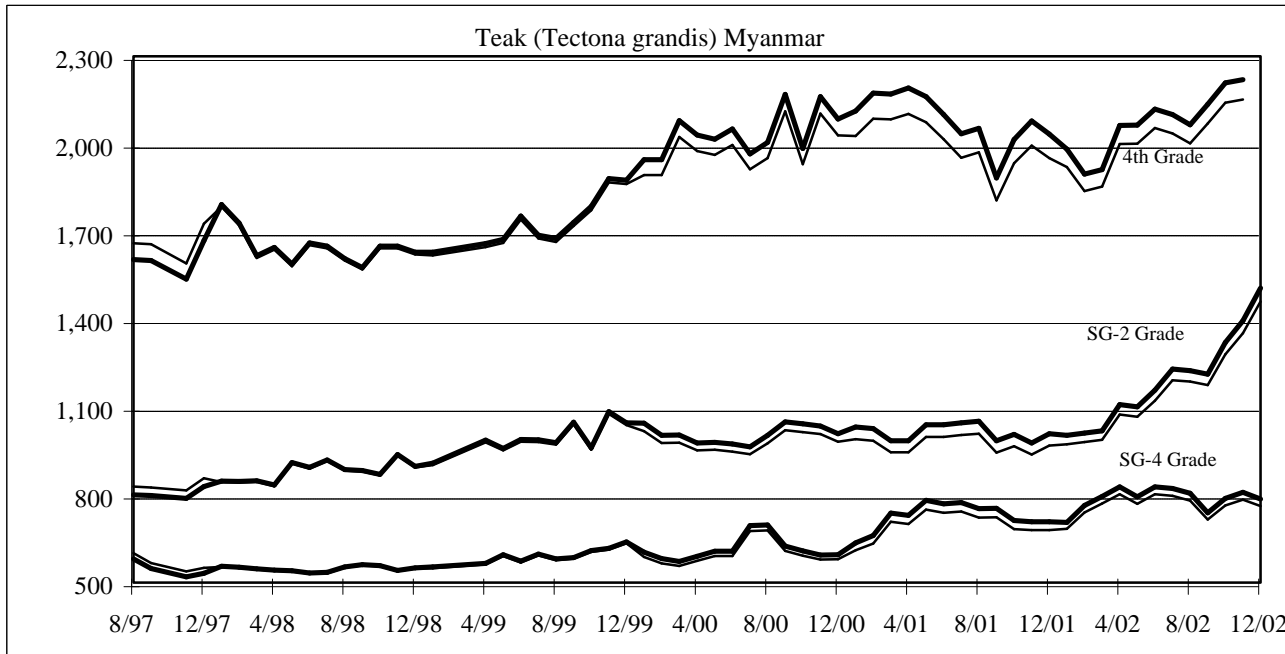
#### 4-1-b. Price of Malaysian Logs (cont.), 1990-2002

Bold lines show FOB prices for Keruing and Meranti and domestic prices for Rubberwood in constant 1990 US\$ per cubic meter (deflated by the G-5 MUV Index used by the World Bank for deriving real commodity prices). Normal lines show nominal FOB price trends. Graphs on this page show major log export species from Malaysia. Grades are Sawmill Quality and up.



#### 4-1-c. Price of Myanmar Teak Logs, 1997-2002

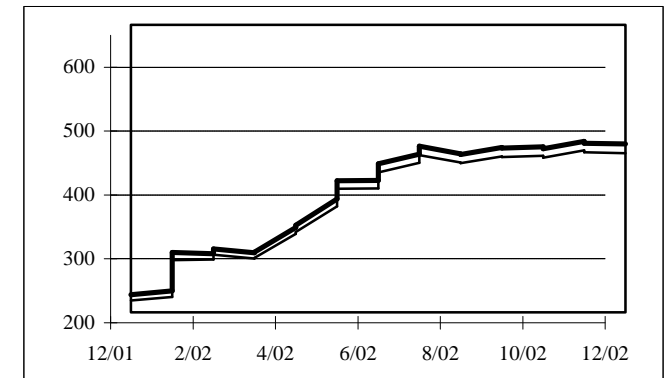
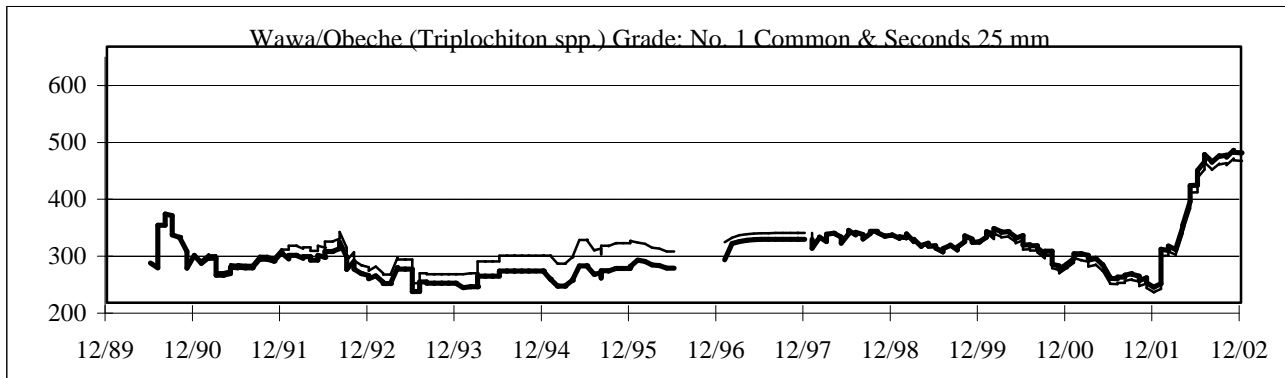
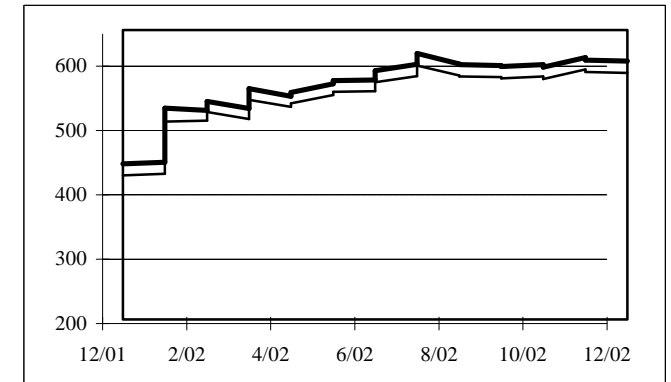
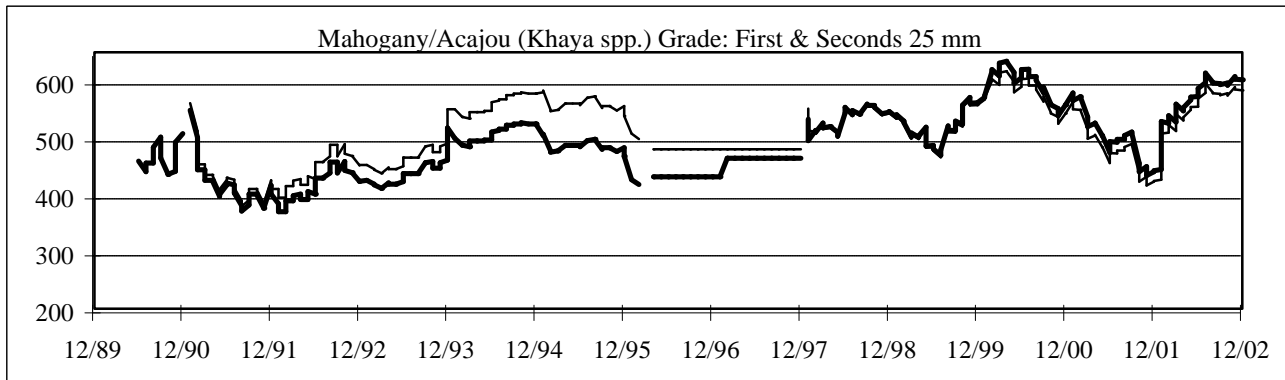
Bold lines show FOB prices for Teak and domestic prices for Rubberwood in constant 1990 US\$ per cubic meter (deflated by the G-5 MUV Index used by the World Bank for deriving real commodity prices). Normal lines show nominal FOB and domestic prices trends for these species, respectively.



#### 4-2-a. Price of Ghanaian Sawwood, 1990-2002

Bold lines show FOB prices in constant 1990 US\$ per cubic meter (deflated by the G-5 MUV Index used by the World Bank for deriving real commodity prices).

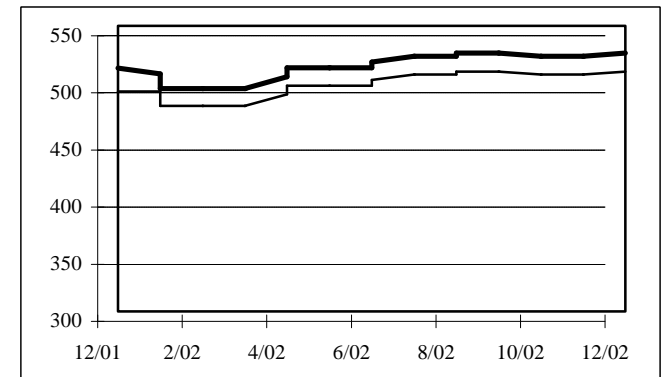
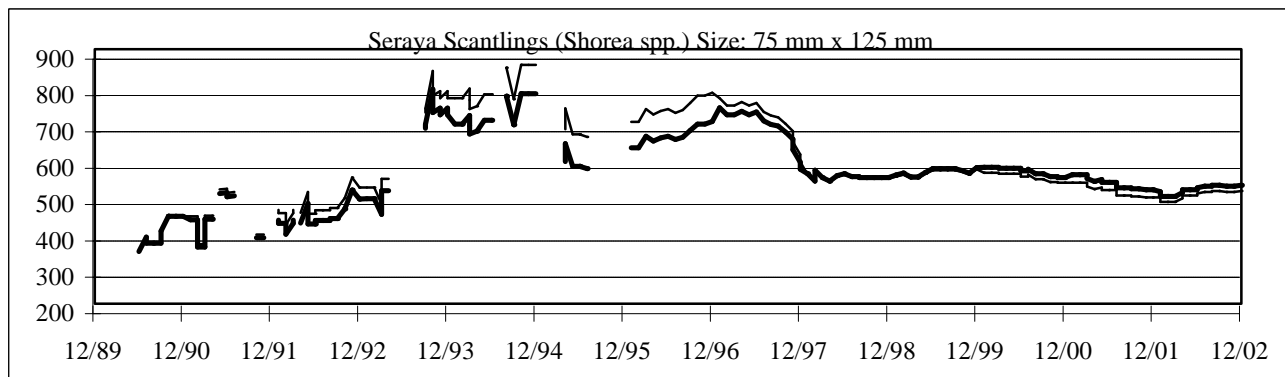
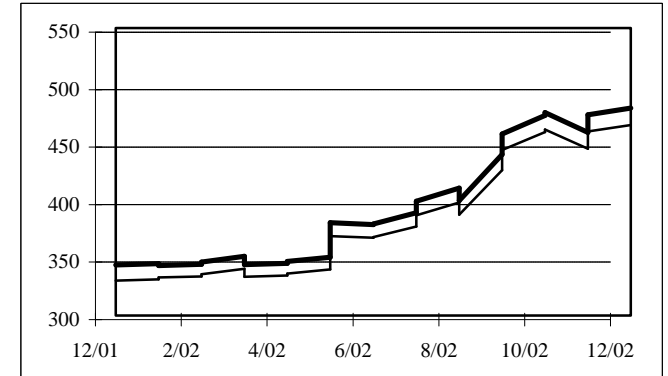
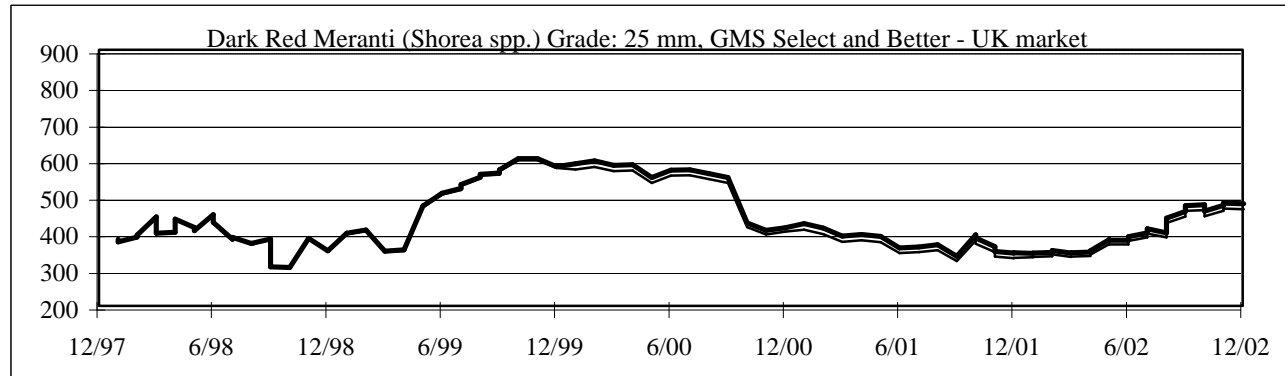
Normal lines show nominal FOB price trends.



## 4-2-b. Price of Malaysian Sawwood, 1990-2002

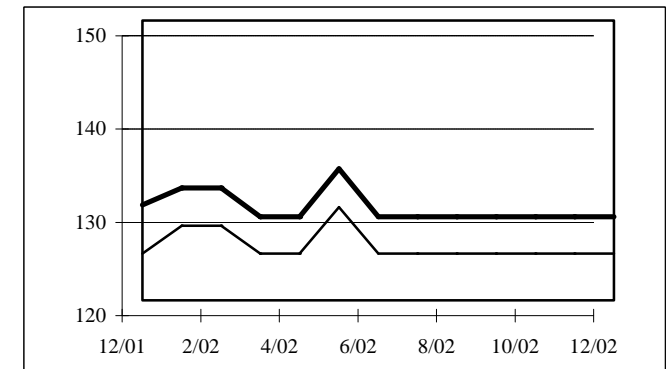
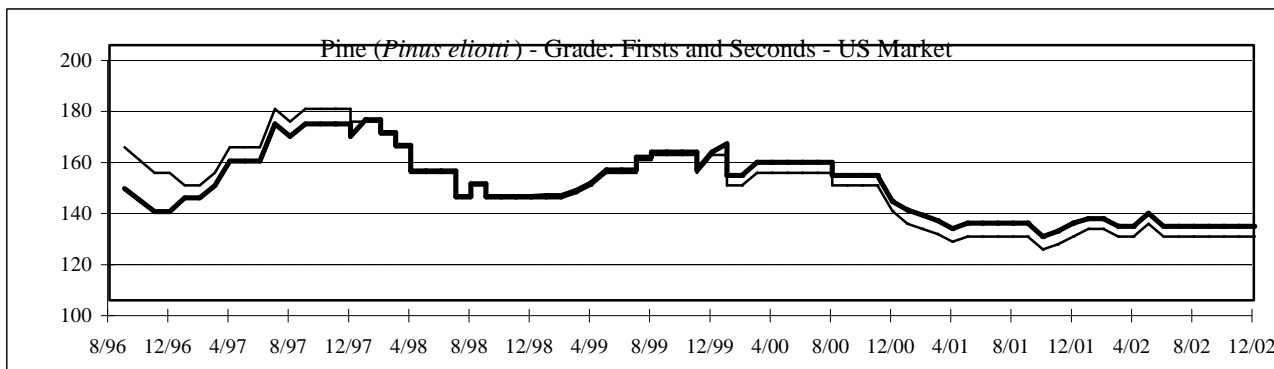
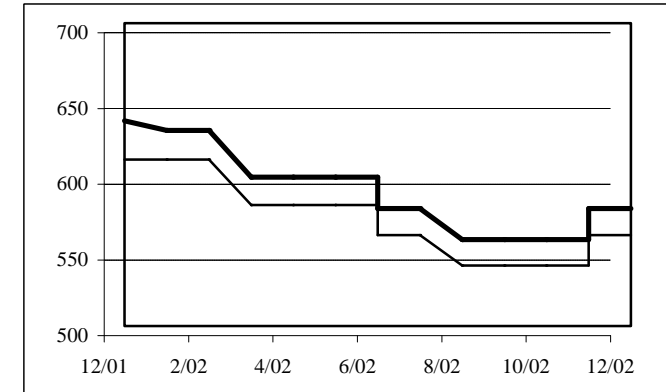
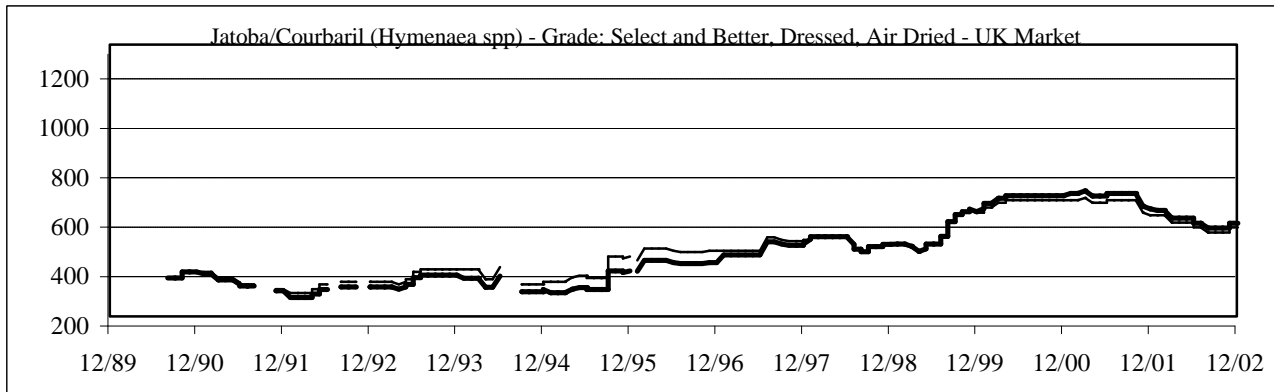
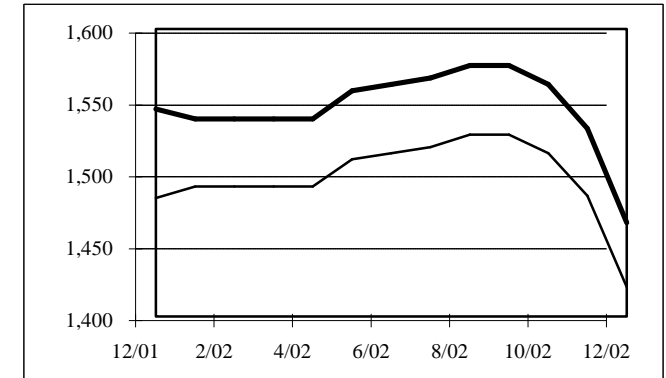
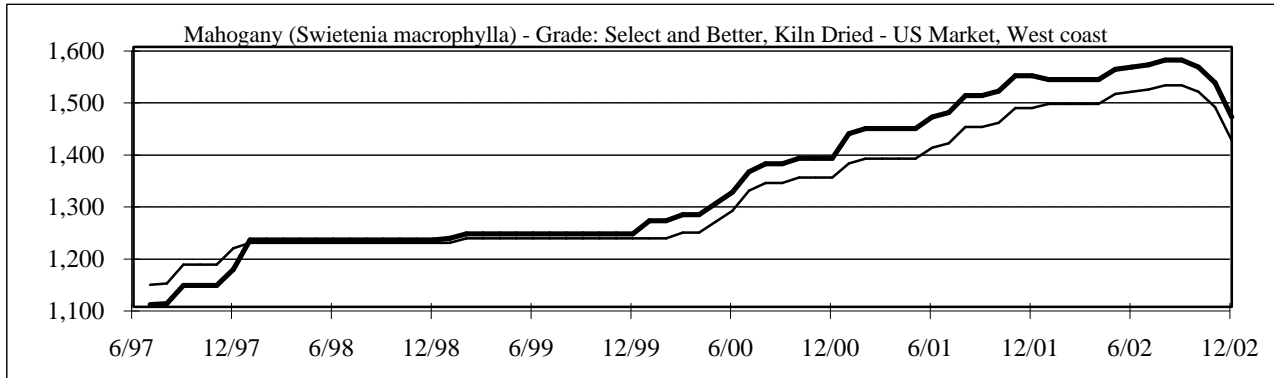
Bold lines show FOB prices in constant 1990 US\$ per cubic meter (deflated by the G-5 MUV Index used by the World Bank for deriving real commodity prices).

Normal lines show nominal FOB price trends. Grades are Kiln Dried.



## 4-2-c. Price of Latin American Sawwood, 1990-2002

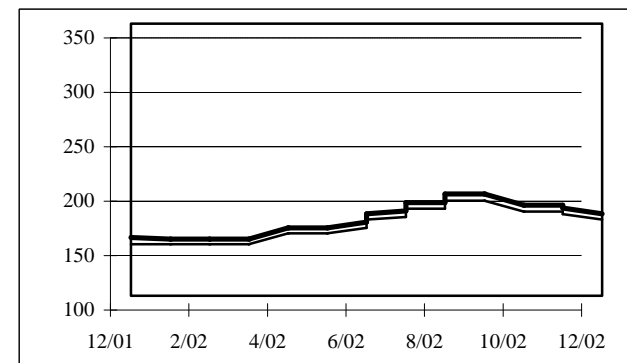
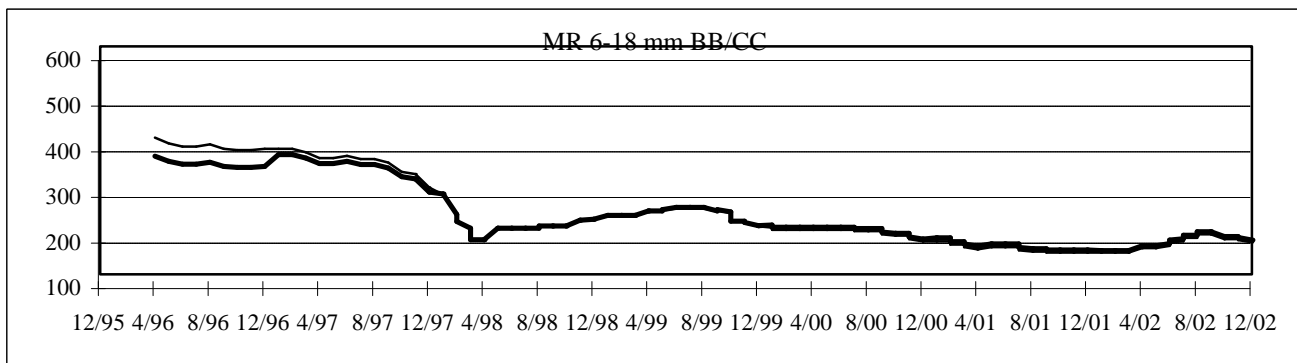
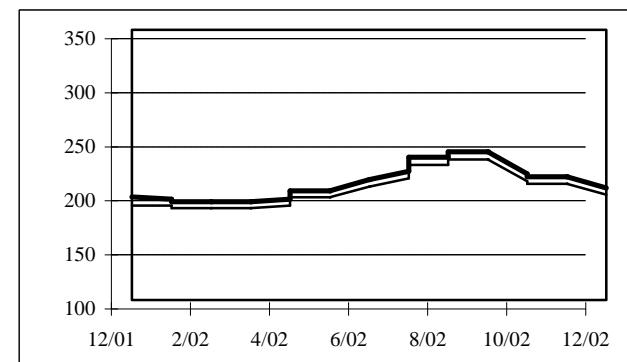
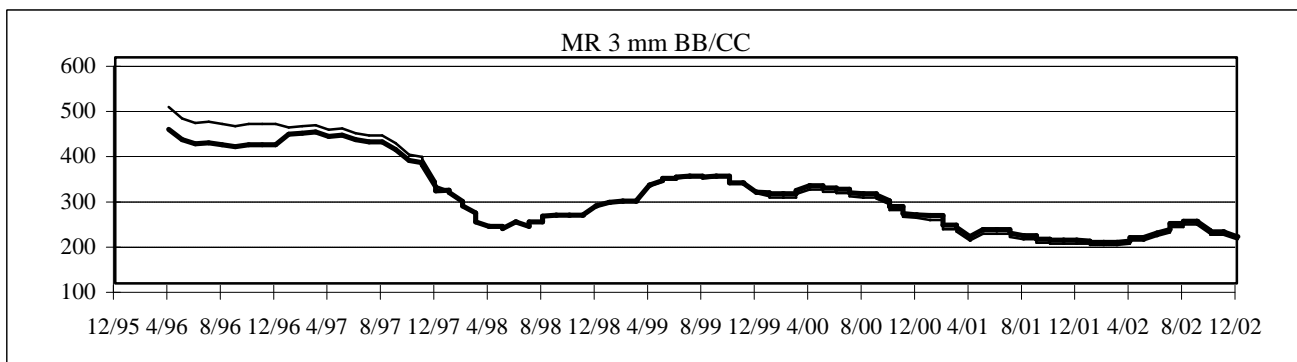
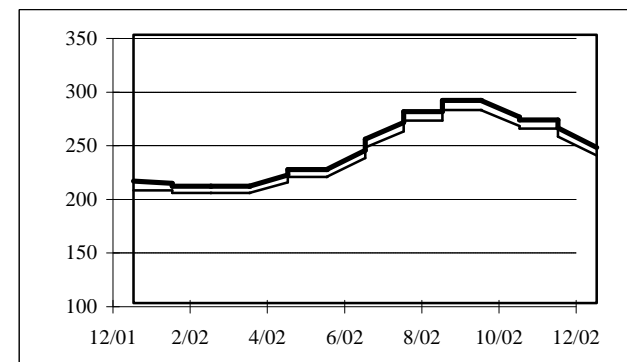
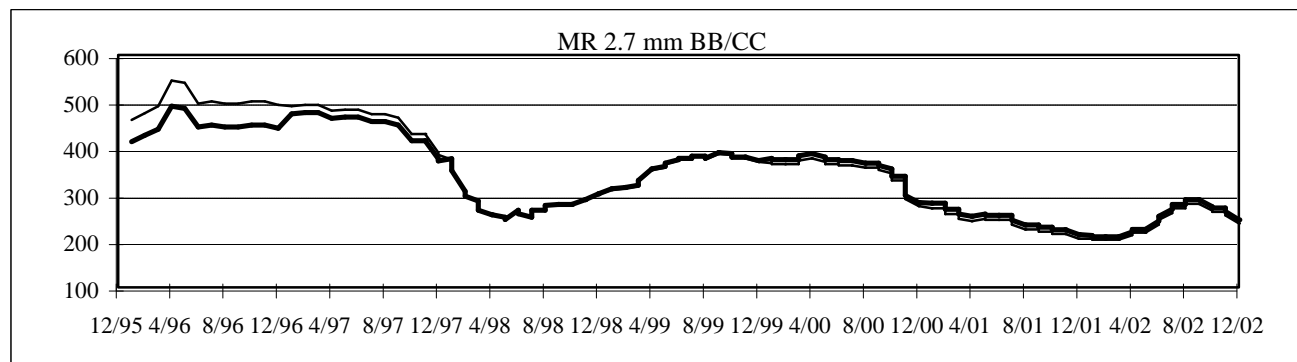
Bold lines show CIF prices for Latin American Mahogany and FOB prices for Brazilian Jatoba and Pine in constant 1990 US\$ per cubic meter (deflated by the G-5 MUV Index used by the World Bank for deriving real commodity prices). Normal lines show nominal FOB price trends.



### 4-3-a. Price of Indonesian Plywood Exports, 1996-2002

Bold lines show FOB prices in constant 1990 US\$ per cubic meter (deflated by the G-5 MUV Index used by the World Bank for deriving real commodity prices).

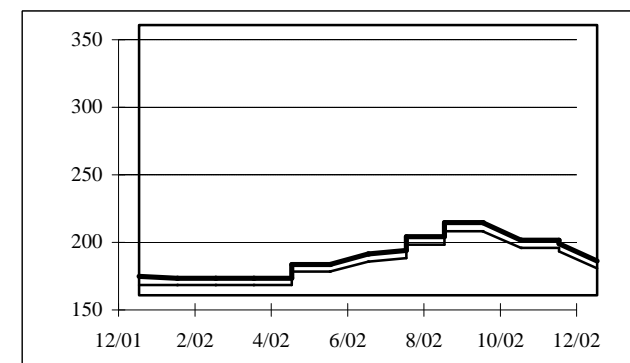
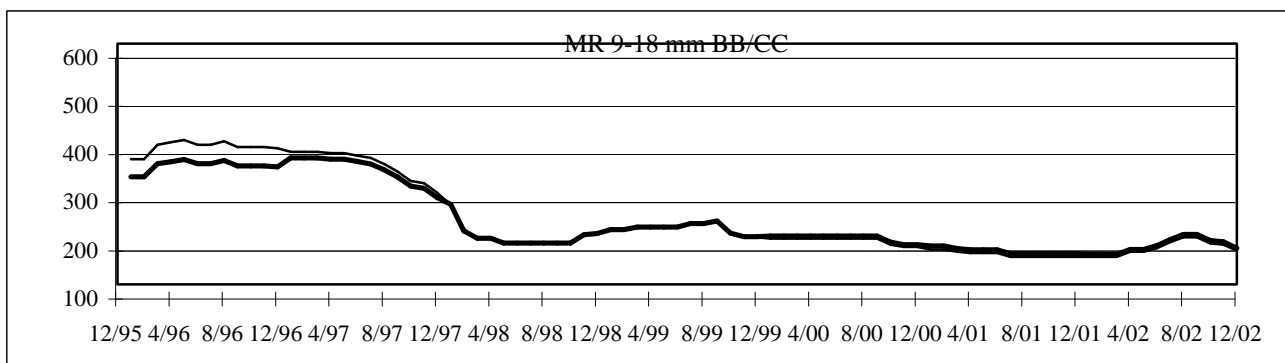
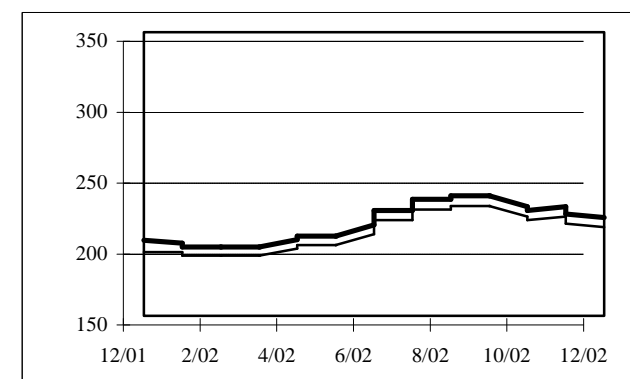
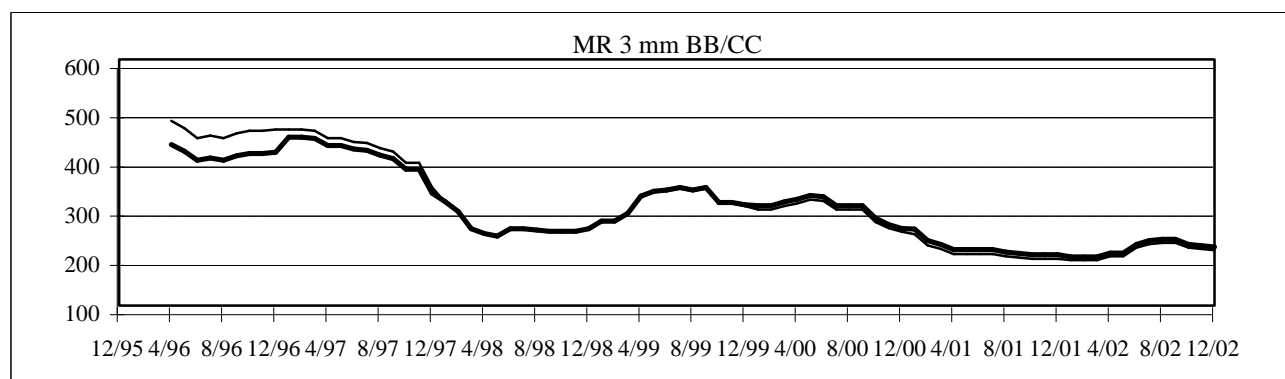
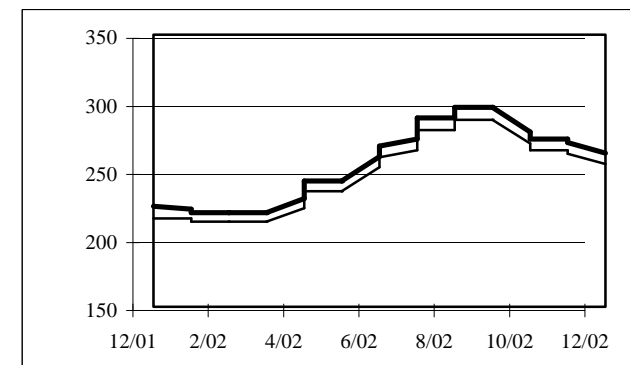
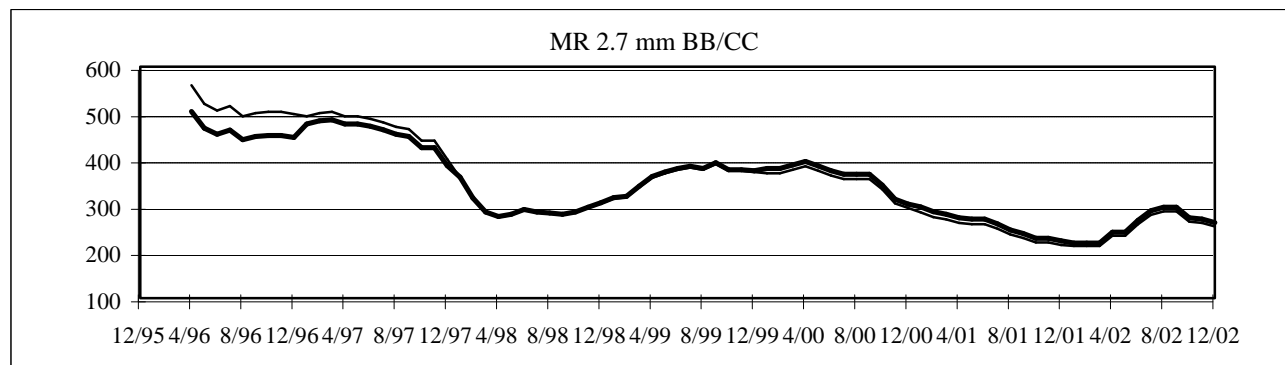
Normal lines show nominal FOB price trends.



### 4-3-b. Price of Malaysian Plywood Exports, 1996-2002

Bold lines show FOB prices in constant 1990 US\$ per cubic meter (deflated by the G-5 MUV Index used by the World Bank for deriving real commodity prices).

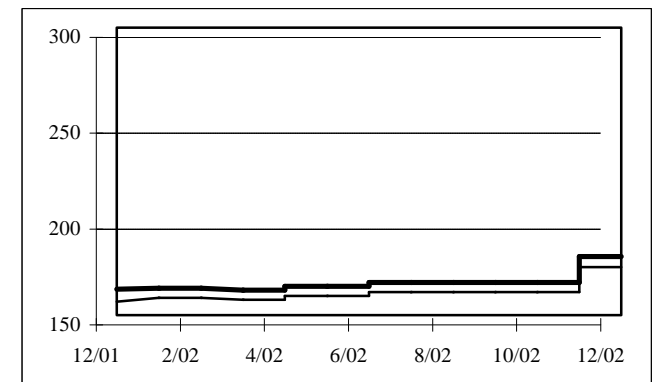
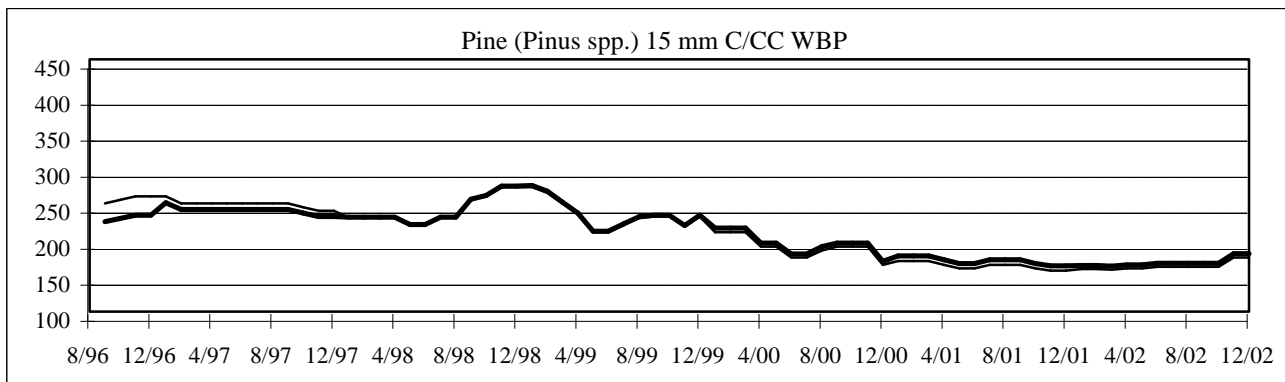
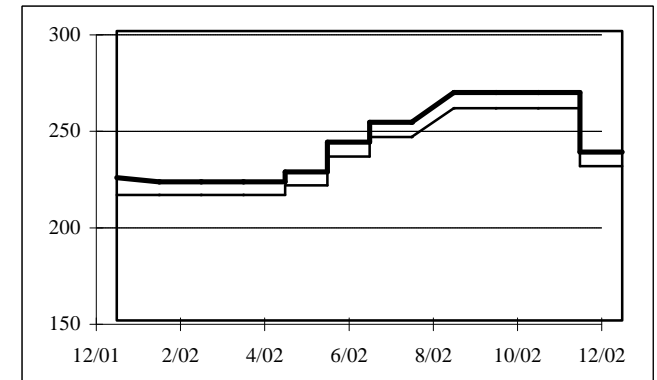
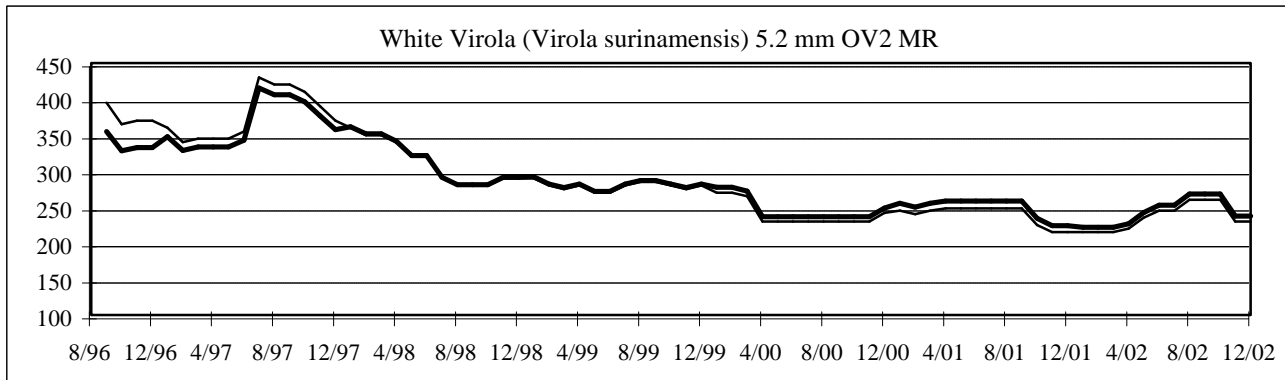
Normal lines show nominal FOB price trends.



### 4-3-c. Price of Brazilian Plywood Exports, 1996-2002

Bold lines show FOB prices in constant 1990 US\$ per cubic meter (deflated by the G-5 MUV Index used by the World Bank for deriving real commodity prices).

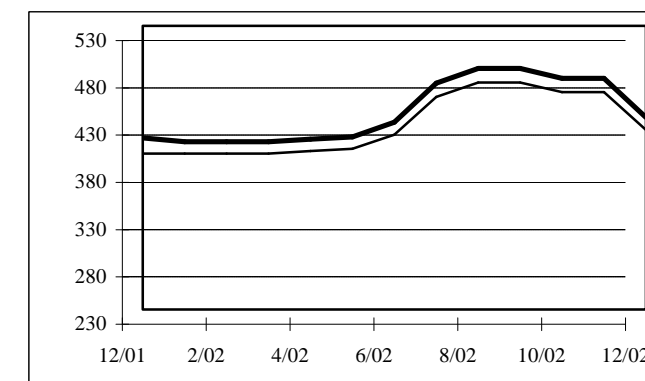
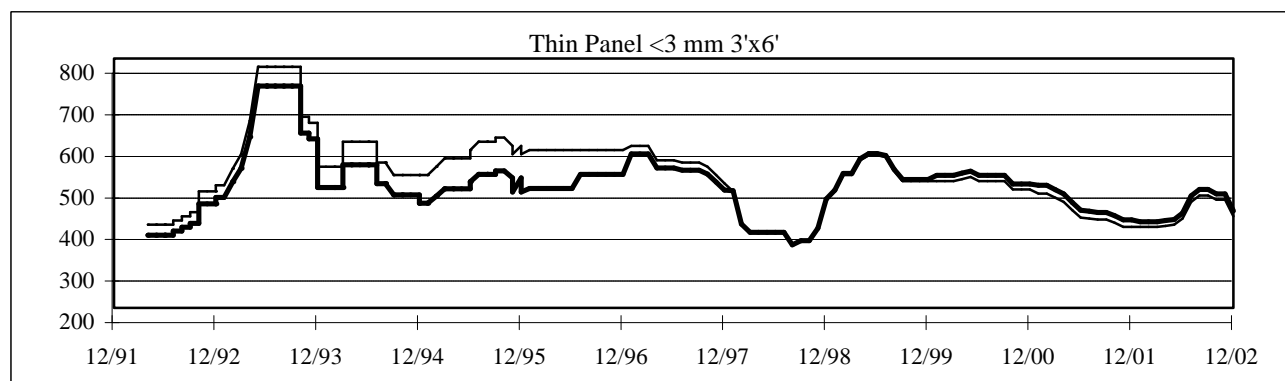
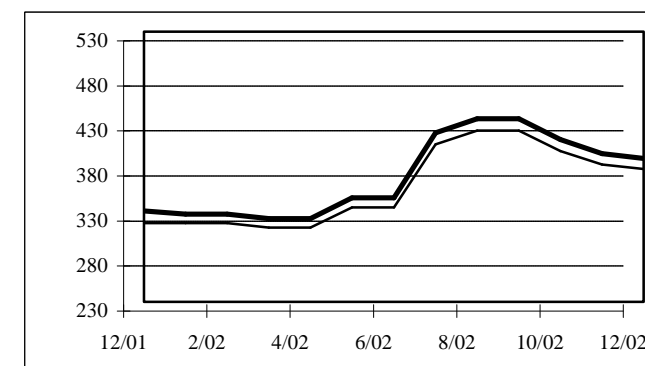
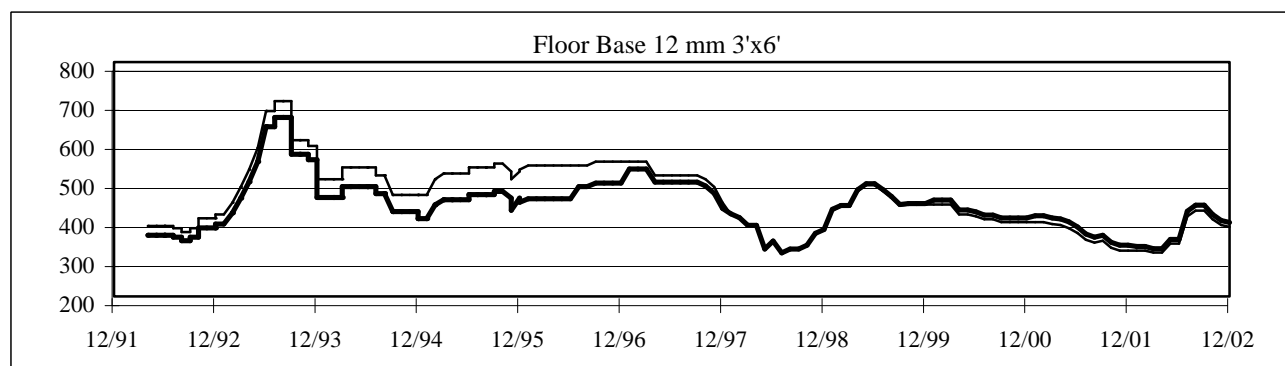
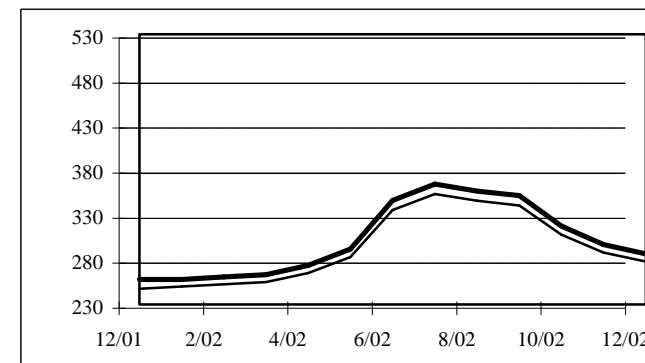
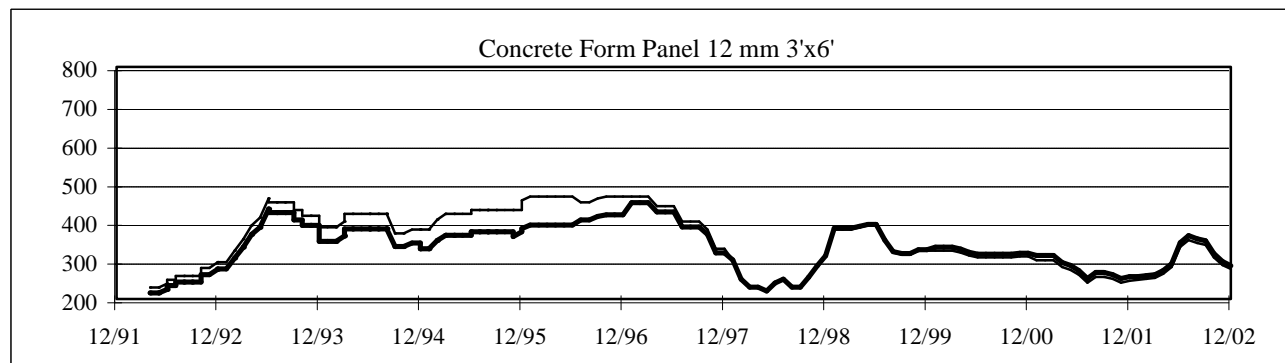
Normal lines show nominal FOB price trends.



#### 4-3-d. Price of Japanese Plywood Imports, 1992-2002

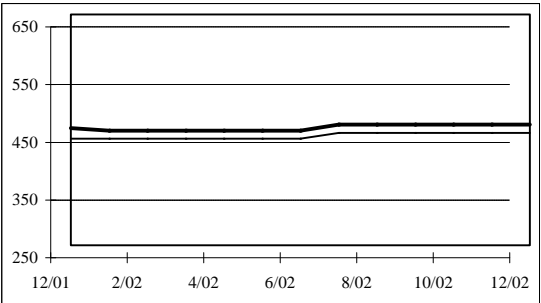
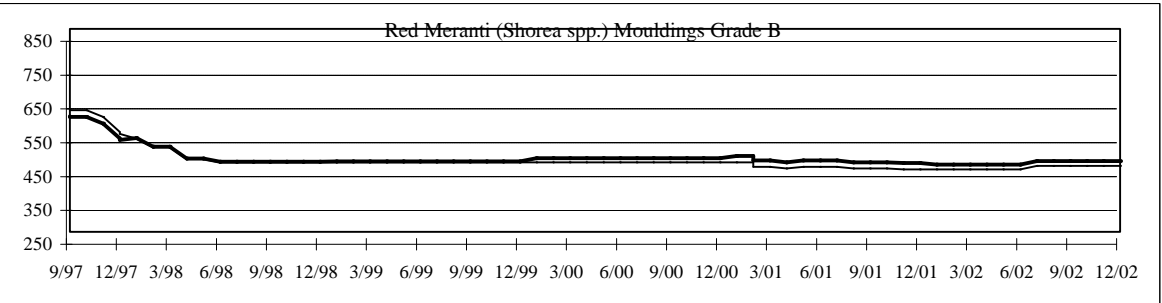
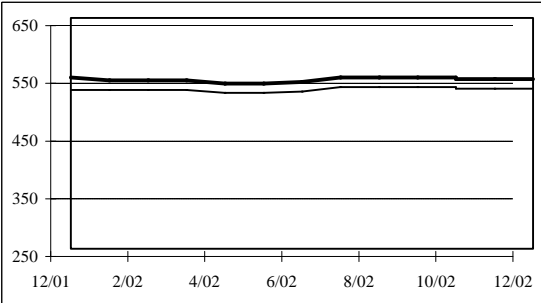
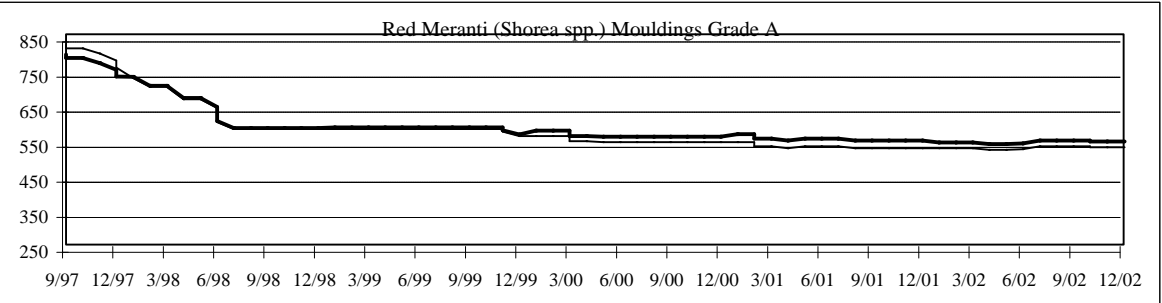
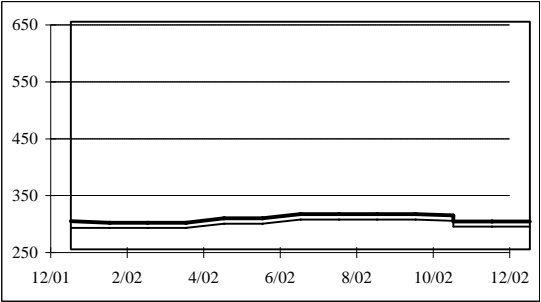
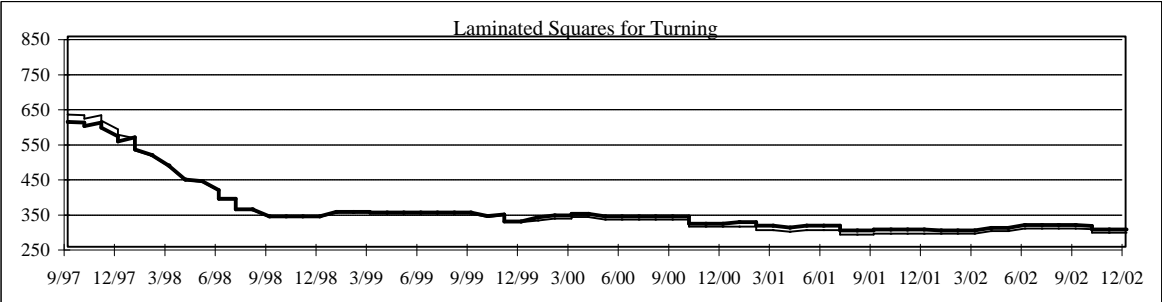
Bold lines show prices in constant 1990 US\$ per cubic meter (deflated by the G-5 MUV Index used by the World Bank for deriving real commodity prices).

Normal lines show nominal price trends. All prices are C&F to Japan from Indonesia. Grades for all products are B/BB Moisture Resistant.



4-4-a. Price of Secondary Processed Sawnwood Products from Indonesia, 1997-2002

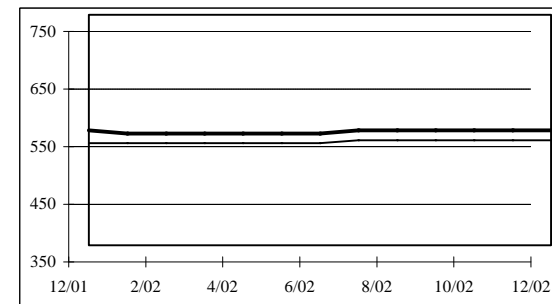
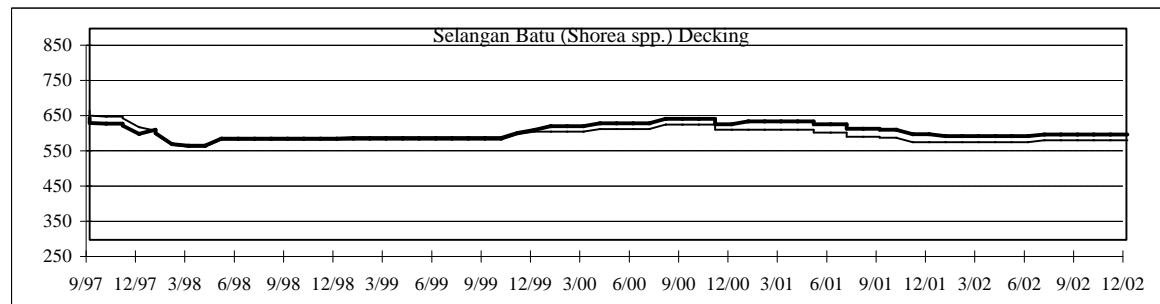
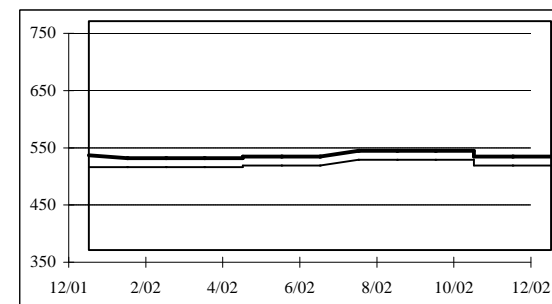
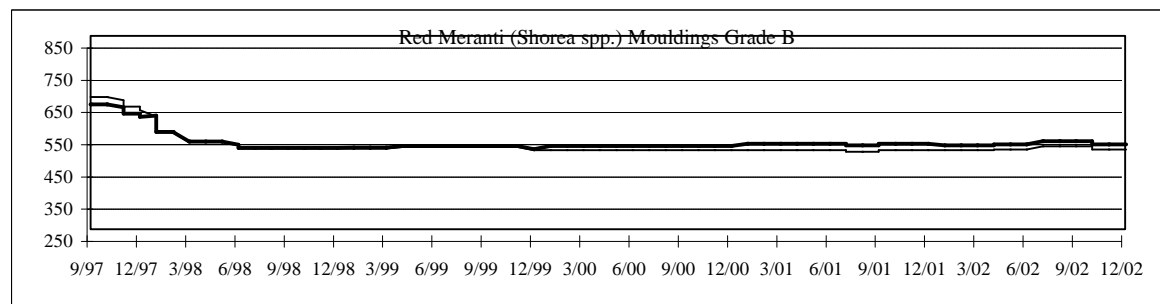
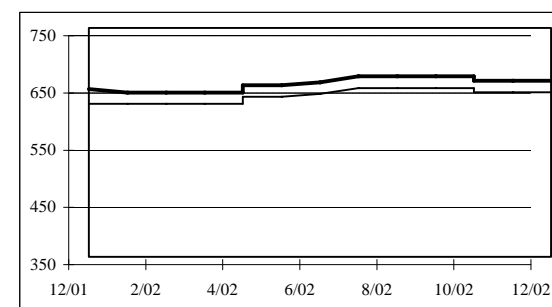
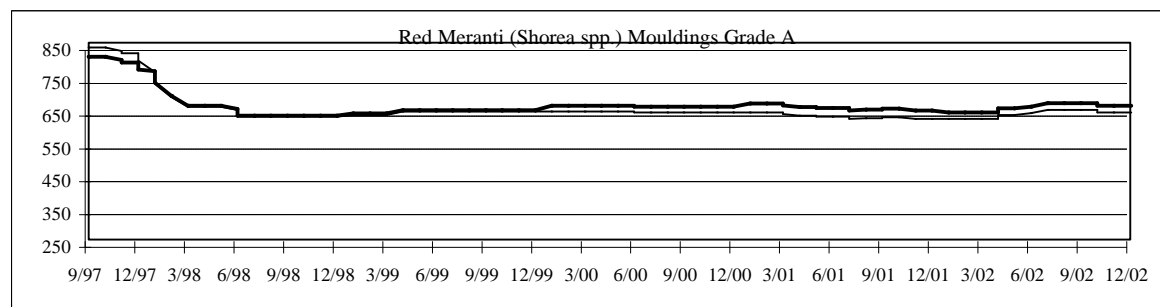
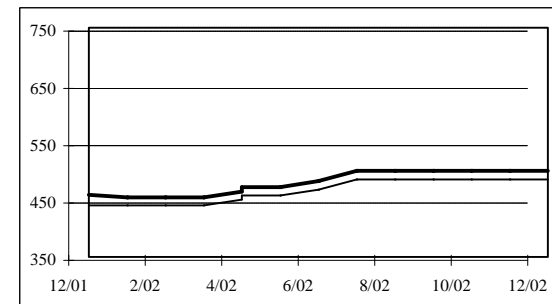
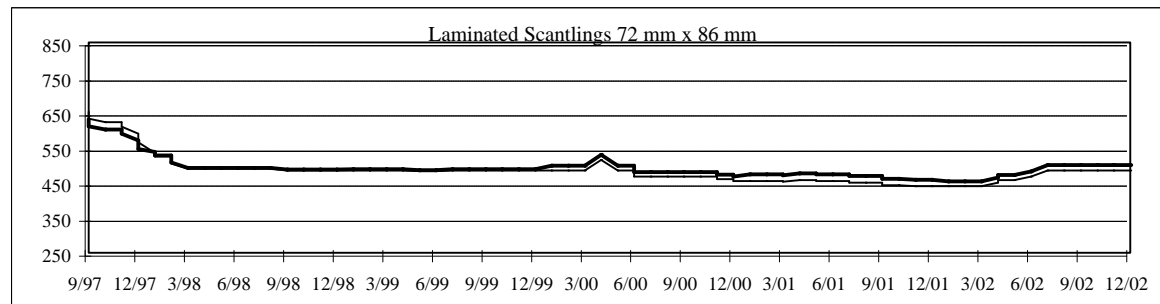
Bold lines show prices in constant 1990 US\$ per cubic meter (deflated by the G-5 MUV Index used by the World Bank for deriving real commodity prices). Normal lines show nominal price trends. All prices are FOB, Indonesia.



#### 4-4-b. Price of Secondary Processed Sawwood Products from Malaysia, 1997-2002

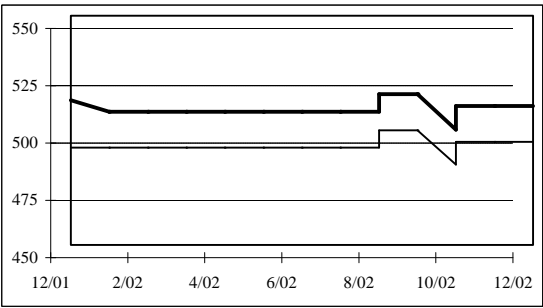
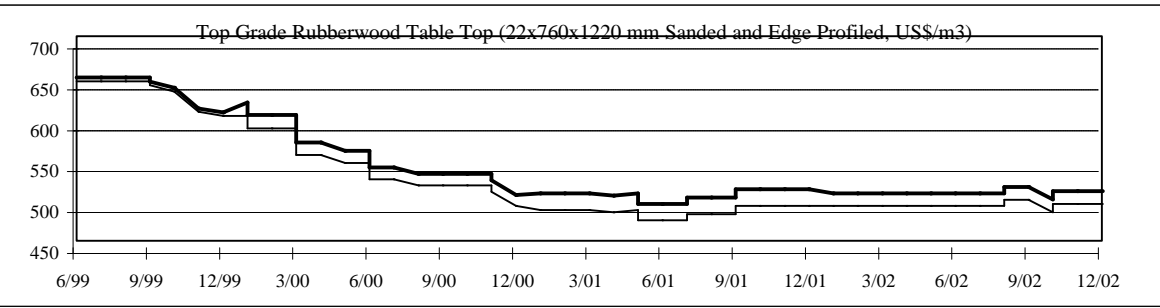
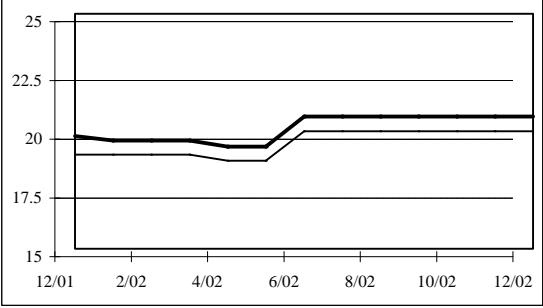
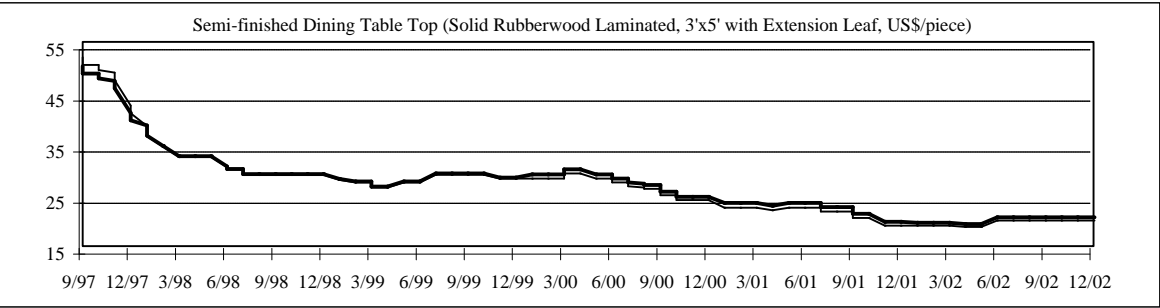
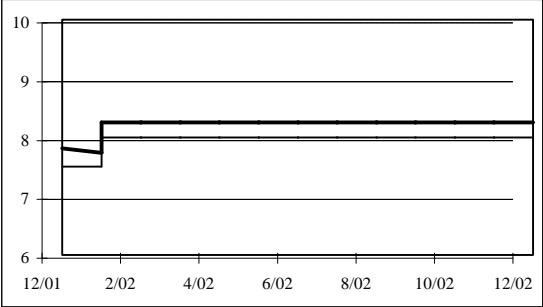
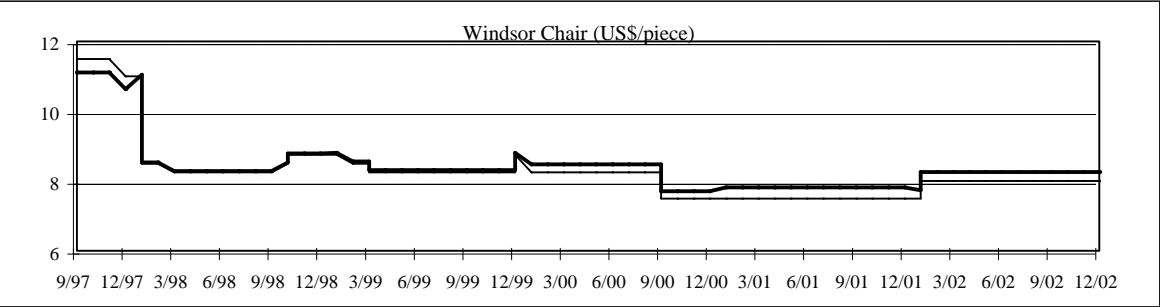
Bold lines show prices in constant 1990 US\$ per cubic meter (deflated by the G-5 MUV Index used by the World Bank for deriving real commodity prices).

Normal lines show nominal price trends. All prices are FOB, Malaysia.



4-4-c. Price of Furniture and Furniture Parts from Malaysia, 1997-2002

Bold lines show prices in constant 1990 US\$ (deflated by the G-5 MUV Index used by the World Bank for deriving real commodity prices).  
Normal lines show nominal price trends. All prices are FOB, Malaysia.



## Appendix 5

### Trade in Secondary Processed Wood Products, 1997-2001

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**Table 5-1. Major Importers of Secondary Processed Wood Products [1000 US\$; (% share)]**

Importer	From	1997		1998		1999		2000		2001	
<b>European Union</b>	<b>World</b>	<b>16,522,342</b>		<b>17,720,856</b>		<b>18,536,169</b>		<b>17,774,250</b>		<b>17,355,315</b>	
	ITTO Prod.	1,826,098	(11)	1,860,747	(11)	2,040,831	(11)	2,282,723	(13)	2,012,940	(12)
	ITTO Cons.	10,432,126	(63)	11,210,810	(63)	12,254,637	(66)	11,152,255	(63)	10,932,340	(63)
<b>Germany</b>	<b>World</b>	<b>5,299,188</b>		<b>5,545,000</b>		<b>5,209,340</b>		<b>4,569,015</b>		<b>4,285,491</b>	
	ITTO Prod.	371,270	(7)	343,937	(6)	345,199	(7)	366,721	(8)	290,191	(7)
	ITTO Cons.	2,955,708	(56)	3,082,276	(56)	2,799,126	(54)	2,152,004	(47)	1,903,675	(44)
<b>United Kingdom</b>	<b>World</b>	<b>2,086,007</b>		<b>2,327,196</b>		<b>2,570,892</b>		<b>2,728,002</b>		<b>2,936,100</b>	
	ITTO Prod.	384,550	(18)	403,403	(17)	453,787	(18)	530,561	(19)	515,589	(18)
	ITTO Cons.	1,233,008	(59)	1,385,594	(60)	1,649,557	(64)	1,760,141	(65)	2,008,115	(68)
<b>France+</b>	<b>World</b>	<b>2,228,478</b>		<b>2,425,558</b>		<b>2,586,957</b>		<b>2,642,546</b>		<b>2,574,958</b>	
	ITTO Prod.	249,188	(11)	235,509	(10)	276,483	(11)	330,207	(12)	293,881	(11)
	ITTO Cons.	1,409,831	(63)	1,582,983	(65)	1,932,964	(75)	1,901,446	(72)	1,857,230	(72)
<b>Belgium/Lux.</b>	<b>World</b>	<b>1,449,112</b>		<b>1,542,477</b>		<b>1,629,868</b>		<b>1,532,260</b>		<b>1,510,642</b>	
	ITTO Prod.	144,725	(10)	163,361	(11)	191,528	(12)	216,894	(14)	177,607	(12)
	ITTO Cons.	1,181,874	(82)	1,227,729	(80)	1,285,240	(79)	1,148,066	(75)	1,173,733	(78)
<b>Netherlands</b>	<b>World</b>	<b>1,414,545</b>		<b>1,372,579</b>		<b>1,527,134</b>		<b>1,452,135</b>		<b>1,427,110</b>	
	ITTO Prod.	320,962	(23)	297,744	(22)	290,611	(19)	316,399	(22)	267,798	(19)
	ITTO Cons.	721,667	(51)	706,196	(51)	1,007,838	(66)	892,291	(61)	896,197	(63)
<b>USA</b>	<b>World</b>	<b>8,402,602</b>		<b>9,997,971</b>		<b>12,384,526</b>		<b>14,298,973</b>		<b>14,191,933</b>	
	ITTO Prod.	1,658,795	(20)	1,863,737	(19)	2,339,598	(19)	2,657,615	(19)	2,596,954	(18)
	ITTO Cons.	5,103,852	(61)	6,371,109	(64)	8,118,057	(66)	9,687,739	(68)	10,173,190	(72)
<b>Japan</b>	<b>World</b>	<b>2,923,662</b>		<b>2,161,899</b>		<b>2,469,767</b>		<b>3,005,013</b>		<b>2,969,765</b>	
	ITTO Prod.	1,016,503	(35)	737,438	(34)	889,752	(36)	1,044,025	(35)	979,560	(33)
	ITTO Cons.	1,579,003	(54)	1,189,316	(55)	1,329,206	(54)	1,652,279	(55)	1,845,949	(62)
<b>China+</b>	<b>World</b>	<b>1,261,354</b>		<b>1,209,717</b>		<b>1,298,423</b>		<b>1,406,907</b>		<b>1,296,169</b>	
	ITTO Prod.	84,911	(7)	116,283	(10)	107,514	(8)	70,233	(5)	46,562	(4)
	ITTO Cons.	1,105,413	(88)	1,040,959	(86)	1,150,825	(89)	1,304,523	(93)	1,228,274	(95)
<b>Switzerland</b>	<b>World</b>	<b>1,253,472</b>		<b>1,362,400</b>		<b>1,378,120</b>		<b>1,284,709</b>		<b>1,251,169</b>	
	ITTO Prod.	13,570	(1)	14,855	(1)	17,918	(1)	16,475	(1)	18,170	(1)
	ITTO Cons.	1,160,056	(93)	1,246,694	(92)	1,271,292	(92)	1,167,946	(91)	1,143,573	(91)
<b>Canada</b>	<b>World</b>	<b>1,017,779</b>		<b>1,051,647</b>		<b>1,098,894</b>		<b>1,262,544</b>		<b>1,289,914</b>	
	ITTO Prod.	83,867	(8)	94,017	(9)	108,684	(10)	138,339	(11)	150,647	(12)
	ITTO Cons.	869,402	(85)	890,275	(85)	915,014	(83)	1,032,846	(82)	1,046,325	(81)
<b>ITTO Consumers</b>	<b>World</b>	<b>31,666,923</b>		<b>33,421,581</b>		<b>38,504,510</b>		<b>40,502,017</b>		<b>39,845,710</b>	
	ITTO Prod.	5,031,029	(16)	4,856,930	(15)	5,860,258	(15)	6,622,861	(16)	6,136,636	(15)
	ITTO Cons.	20,192,318	(64)	21,749,068	(65)	25,901,429	(67)	26,929,032	(66)	27,424,382	(69)

+ France includes Monaco. China includes People's Republic of China plus Hong Kong and Macao Special Administrative Regions - see text for breakdown.

**Table 5-2. Types of SPWP Imported by Major Importers, 2000 [1000 US\$; (% share)]**

Importer	From	Wooden Furniture and Parts	Builder's Woodwork	Other SPWP	Mouldings	Cane and Bamboo Furniture and Parts
<b>European Union</b>	<b>World</b>	<b>10,671,449</b>	<b>2,652,217</b>	<b>3,043,648</b>	<b>937,460</b>	<b>469,476</b>
	ITTO Prod.	1,147,357 (11)	372,560 (14)	277,649 (9)	249,091 (27)	236,067 (50)
	ITTO Con.	6,861,938 (64)	1,733,807 (65)	1,826,742 (60)	547,430 (58)	182,339 (39)
<b>Germany</b>	<b>World</b>	<b>2,701,418</b>	<b>819,907</b>	<b>837,001</b>	<b>126,218</b>	<b>84,471</b>
	ITTO Prod.	149,663 (6)	89,829 (11)	68,832 (8)	12,186 (10)	46,211 (55)
	ITTO Con.	1,303,169 (48)	429,103 (52)	312,573 (37)	81,392 (64)	25,766 (31)
<b>United Kingdom</b>	<b>World</b>	<b>1,661,638</b>	<b>378,519</b>	<b>454,778</b>	<b>155,753</b>	<b>77,315</b>
	ITTO Prod.	299,984 (18)	104,284 (28)	54,325 (12)	32,014 (21)	39,954 (52)
	ITTO Con.	1,038,589 (63)	242,638 (64)	336,592 (74)	114,303 (73)	28,019 (36)
<b>France+</b>	<b>World</b>	<b>1,796,587</b>	<b>224,388</b>	<b>448,987</b>	<b>74,850</b>	<b>97,734</b>
	ITTO Prod.	216,755 (12)	35,950 (16)	38,709 (9)	7,413 (10)	31,380 (32)
	ITTO Con.	1,312,109 (73)	166,752 (74)	313,240 (70)	56,746 (76)	52,599 (54)
<b>Belgium/Lux.</b>	<b>World</b>	<b>951,576</b>	<b>168,977</b>	<b>249,646</b>	<b>123,986</b>	<b>38,075</b>
	ITTO Prod.	83,533 (9)	25,321 (15)	27,754 (11)	63,565 (51)	16,722 (44)
	ITTO Con.	758,469 (80)	132,552 (78)	181,450 (73)	57,308 (46)	18,286 (48)
<b>Netherlands</b>	<b>World</b>	<b>949,147</b>	<b>163,262</b>	<b>206,883</b>	<b>77,899</b>	<b>54,944</b>
	ITTO Prod.	164,599 (17)	48,996 (30)	16,193 (8)	43,502 (56)	43,110 (78)
	ITTO Con.	614,209 (65)	102,064 (63)	137,986 (67)	28,030 (36)	10,002 (18)
<b>USA</b>	<b>World</b>	<b>8,927,204</b>	<b>1,646,623</b>	<b>2,315,408</b>	<b>880,827</b>	<b>528,911</b>
	ITTO Prod.	1,584,839 (18)	249,043 (15)	414,333 (18)	223,968 (25)	185,431 (35)
	ITTO Con.	6,123,188 (69)	1,271,027 (77)	1,585,673 (68)	379,776 (43)	328,075 (62)
<b>Japan</b>	<b>World</b>	<b>1,499,405</b>	<b>529,925</b>	<b>602,939</b>	<b>291,800</b>	<b>80,945</b>
	ITTO Prod.	623,836 (42)	132,707 (25)	113,484 (19)	119,978 (41)	54,020 (67)
	ITTO Con.	658,737 (44)	376,959 (71)	438,147 (73)	159,024 (54)	19,411 (24)
<b>China+</b>	<b>World</b>	<b>799,163</b>	<b>110,538</b>	<b>354,541</b>	<b>61,023</b>	<b>81,643</b>
	ITTO Prod.	16,979 (2)	12,006 (11)	22,621 (6)	17,632 (29)	996 (1)
	ITTO Con.	774,416 (97)	94,748 (86)	320,890 (91)	35,900 (59)	78,569 (96)
<b>Switzerland</b>	<b>World</b>	<b>886,329</b>	<b>172,415</b>	<b>132,360</b>	<b>46,845</b>	<b>46,760</b>
	ITTO Prod.	6,872 (1)	755 (0)	5,848 (4)	151 (0)	2,850 (6)
	ITTO Con.	795,132 (90)	165,710 (96)	119,627 (90)	45,795 (98)	41,683 (89)
<b>Canada</b>	<b>World</b>	<b>688,748</b>	<b>155,194</b>	<b>203,125</b>	<b>195,021</b>	<b>20,456</b>
	ITTO Prod.	79,823 (12)	3,758 (2)	22,914 (11)	25,857 (13)	5,987 (29)
	ITTO Con.	555,038 (81)	149,452 (96)	164,950 (81)	151,235 (78)	12,171 (59)
<b>ITTO Consumers</b>	<b>World</b>	<b>24,339,005</b>	<b>5,480,974</b>	<b>6,855,175</b>	<b>2,563,396</b>	<b>1,263,467</b>
	ITTO Prod.	3,684,227 (15)	837,232 (15)	890,489 (13)	706,974 (28)	503,939 (40)
	ITTO Con.	16,311,223 (67)	3,936,087 (72)	4,608,413 (67)	1,395,847 (54)	677,462 (54)

+ France includes Monaco. China includes People's Republic of China plus Hong Kong and Macao Special Administrative Regions - see text for breakdown.

**Table 5-3. Major ITTO Producer Importers of Secondary Processed Wood Products [1000 US\$; (% share)]**

<b>Importer</b>	<b>From</b>	<b>1997</b>	<b>1998</b>	<b>1999</b>	<b>2000</b>	<b>2001</b>
<b>Malaysia</b>	<b>World</b>	<b>60,666</b>	<b>43,367</b>	<b>45,299</b>	<b>65,647</b>	<b>68,156</b>
	ITTO Prod.	22,330 (37)	15,571 (36)	15,016 (33)	22,427 (34)	21,180 (31)
	ITTO Con.	28,864 (48)	21,029 (48)	23,351 (52)	34,100 (52)	37,425 (55)
<b>Venezuela</b>	<b>World</b>	<b>32,768</b>	<b>49,421</b>	<b>124,571</b>	<b>53,051</b>	<b>71,728</b>
	ITTO Prod.	5,937 (18)	8,363 (17)	15,984 (13)	13,222 (25)	24,358 (34)
	ITTO Con.	25,016 (76)	38,840 (79)	106,414 (85)	37,632 (71)	44,224 (62)
<b>Philippines</b>	<b>World</b>	<b>40,598</b>	<b>31,609</b>	<b>41,099</b>	<b>52,351</b>	<b>35,519</b>
	ITTO Prod.	10,789 (27)	11,015 (35)	12,345 (30)	22,050 (42)	9,233 (26)
	ITTO Con.	23,189 (57)	15,272 (48)	22,944 (56)	24,868 (48)	22,918 (65)
<b>Panama</b>	<b>World</b>	<b>13,456</b>	<b>21,727</b>	<b>29,844</b>	<b>28,866</b>	<b>25,655</b>
	ITTO Prod.	1,435 (11)	2,200 (10)	3,607 (12)	5,278 (18)	9,065 (35)
	ITTO Con.	7,229 (54)	11,979 (55)	15,106 (51)	13,457 (47)	14,824 (58)
<b>Thailand</b>	<b>World</b>	<b>31,394</b>	<b>13,967</b>	<b>18,921</b>	<b>21,355</b>	<b>28,192</b>
	ITTO Prod.	3,426 (11)	1,670 (12)	2,424 (13)	5,577 (26)	9,525 (34)
	ITTO Con.	22,109 (70)	9,051 (65)	13,260 (70)	12,029 (56)	13,516 (48)
<b>Brazil</b>	<b>World</b>	<b>48,840</b>	<b>61,059</b>	<b>27,771</b>	<b>20,259</b>	<b>18,303</b>
	ITTO Prod.	4,703 (10)	5,054 (8)	4,045 (15)	3,805 (19)	3,366 (18)
	ITTO Con.	36,506 (75)	50,993 (84)	21,633 (78)	14,569 (72)	13,300 (73)
<b>Guatemala</b>	<b>World</b>	<b>13,574</b>	<b>15,581</b>	<b>14,071</b>	<b>14,977</b>	<b>19,334</b>
	ITTO Prod.	734 (5)	664 (4)	685 (5)	1,555 (10)	2,854 (15)
	ITTO Con.	8,493 (63)	9,851 (63)	9,441 (67)	8,670 (58)	10,624 (55)
<b>Peru</b>	<b>World</b>	<b>21,172</b>	<b>19,549</b>	<b>14,319</b>	<b>14,576</b>	<b>12,719</b>
	ITTO Prod.	1,801 (9)	2,255 (12)	1,897 (13)	2,323 (16)	2,702 (21)
	ITTO Con.	13,068 (62)	12,921 (66)	7,849 (55)	8,373 (57)	6,294 (49)
<b>India</b>	<b>World</b>	<b>2,573</b>	<b>8,433</b>	<b>7,968</b>	<b>13,741</b>	<b>15,115</b>
	ITTO Prod.	93 (4)	1,461 (17)	1,941 (24)	5,613 (41)	6,174 (41)
	ITTO Con.	2,091 (81)	3,789 (45)	4,756 (60)	6,912 (50)	7,603 (50)
<b>Colombia</b>	<b>World</b>	<b>23,224</b>	<b>18,385</b>	<b>13,838</b>	<b>12,251</b>	<b>11,038</b>
	ITTO Prod.	3,140 (14)	2,484 (14)	2,031 (15)	1,676 (14)	1,635 (15)
	ITTO Con.	15,759 (68)	12,617 (69)	9,000 (65)	9,090 (74)	8,404 (76)
<b>Honduras</b>	<b>World</b>	<b>6,954</b>	<b>8,214</b>	<b>11,173</b>	<b>9,931</b>	<b>9,451</b>
	ITTO Prod.	814 (12)	1,961 (24)	2,785 (25)	1,633 (16)	2,562 (27)
	ITTO Con.	4,312 (62)	5,162 (63)	6,614 (59)	6,485 (65)	5,177 (55)
<b>ITTO Producers</b>	<b>World</b>	<b>331,899</b>	<b>336,533</b>	<b>387,677</b>	<b>334,172</b>	<b>355,330</b>
	ITTO Prod.	57,938 (17)	58,813 (17)	67,470 (17)	87,084 (26)	124,247 (35)
	ITTO Con.	212,339 (64)	220,555 (66)	266,017 (69)	194,672 (58)	223,213 (63)

**Table 5-4. Types of SPWP Imported by Major ITTO Producer Importers, 2000 [1000 US\$; (% share)]**

Importer	From	Wooden Furniture and Parts	Builder's Woodwork	Other SPWP	Mouldings	Cane and Bamboo Furniture and Parts
<b>Malaysia</b>	<b>World</b>	<b>18,473</b>	<b>10,014</b>	<b>16,570</b>	<b>16,124</b>	<b>4,466</b>
	ITTO Prod.	3,313 (18)	4,512 (45)	795 (5)	13,038 (81)	769 (17)
	ITTO Con.	12,557 (68)	4,831 (48)	12,770 (77)	952 (6)	2,990 (67)
<b>Venezuela</b>	<b>World</b>	<b>35,941</b>	<b>2,882</b>	<b>8,144</b>	<b>3,128</b>	<b>2,956</b>
	ITTO Prod.	7,175 (20)	866 (30)	2,457 (30)	2,286 (73)	437 (15)
	ITTO Con.	27,491 (76)	1,744 (61)	5,412 (66)	642 (21)	2,342 (79)
<b>Philippines</b>	<b>World</b>	<b>28,345</b>	<b>2,305</b>	<b>16,086</b>	<b>2,028</b>	<b>3,587</b>
	ITTO Prod.	19,248 (68)	433 (19)	1,882 (12)	332 (16)	155 (4)
	ITTO Con.	6,650 (23)	1,480 (64)	13,003 (81)	1,494 (74)	2,240 (62)
<b>Panama</b>	<b>World</b>	<b>22,388</b>	<b>1,788</b>	<b>3,666</b>	<b>328</b>	<b>696</b>
	ITTO Prod.	4,010 (18)	476 (27)	634 (17)	31 (9)	128 (18)
	ITTO Con.	11,333 (51)	363 (20)	1,159 (32)	268 (82)	334 (48)
<b>Thailand</b>	<b>World</b>	<b>8,327</b>	<b>1,760</b>	<b>7,867</b>	<b>1,596</b>	<b>1,805</b>
	ITTO Prod.	1,987 (24)	1,091 (62)	1,881 (24)	249 (16)	370 (20)
	ITTO Con.	5,700 (68)	554 (31)	3,998 (51)	633 (40)	1,144 (63)
<b>Brazil</b>	<b>World</b>	<b>8,553</b>	<b>1,590</b>	<b>5,565</b>	<b>1,494</b>	<b>3,056</b>
	ITTO Prod.	1,074 (13)	9 (1)	1,148 (21)	6 (0)	1,568 (51)
	ITTO Con.	6,564 (77)	1,465 (92)	4,028 (72)	1,329 (89)	1,183 (39)
<b>Guatemala</b>	<b>World</b>	<b>10,154</b>	<b>417</b>	<b>2,167</b>	<b>148</b>	<b>2,091</b>
	ITTO Prod.	1,079 (11)	49 (12)	369 (17)	7 (5)	52 (2)
	ITTO Con.	5,822 (57)	239 (57)	488 (23)	144 (98)	1,977 (95)
<b>Peru</b>	<b>World</b>	<b>6,142</b>	<b>513</b>	<b>6,825</b>	<b>148</b>	<b>949</b>
	ITTO Prod.	1,548 (25)	17 (3)	452 (7)	1 (1)	305 (32)
	ITTO Con.	3,781 (62)	457 (89)	3,514 (51)	23 (16)	597 (63)
<b>India</b>	<b>World</b>	<b>8,849</b>	<b>728</b>	<b>1,792</b>	<b>794</b>	<b>1,577</b>
	ITTO Prod.	3,977 (45)	367 (50)	87 (5)	517 (65)	664 (42)
	ITTO Con.	4,023 (45)	309 (43)	1,532 (85)	251 (32)	796 (50)
<b>Colombia</b>	<b>World</b>	<b>6,134</b>	<b>841</b>	<b>4,220</b>	<b>616</b>	<b>440</b>
	ITTO Prod.	562 (9)	300 (36)	620 (15)	147 (24)	47 (11)
	ITTO Con.	5,088 (83)	539 (64)	2,648 (63)	467 (76)	348 (79)
<b>Honduras</b>	<b>World</b>	<b>6,098</b>	<b>171</b>	<b>3,070</b>	<b>216</b>	<b>376</b>
	ITTO Prod.	1,437 (24)	30 (18)	99 (3)	9 (4)	58 (16)
	ITTO Con.	3,563 (58)	119 (69)	2,315 (75)	207 (96)	282 (75)
<b>ITTO Producers</b>	<b>World</b>	<b>173,366</b>	<b>24,995</b>	<b>81,589</b>	<b>30,683</b>	<b>23,539</b>
	ITTO Prod.	44,596 (26)	8,239 (33)	11,223 (14)	18,480 (60)	4,546 (19)
	ITTO Con.	105,496 (61)	13,530 (54)	54,047 (66)	5,878 (19)	15,720 (67)

**Table 5-5. Major Exporters of Secondary Processed Wood Products [1000 US\$; (% share)]**

Exporter	To	1997	1998	1999	2000	2001
<b>European Union</b>	<b>World</b>	<b>19,951,010</b>	<b>20,361,480</b>	<b>20,398,775</b>	<b>19,487,054</b>	<b>19,037,740</b>
	ITTO Prod.	153,263 (1)	136,010 (1)	124,073 (1)	129,408 (1)	138,310 (1)
	ITTO Con.	15,616,482 (78)	16,110,990 (79)	17,674,258 (87)	16,791,825 (86)	16,380,859 (86)
<b>Italy</b>	<b>World</b>	<b>6,334,871</b>	<b>6,240,928</b>	<b>6,037,764</b>	<b>6,001,752</b>	<b>6,031,196</b>
	ITTO Prod.	72,562 (1)	65,346 (1)	55,577 (1)	59,764 (1)	64,808 (1)
	ITTO Con.	4,493,678 (71)	4,532,945 (73)	4,868,227 (81)	4,811,601 (80)	4,749,616 (79)
<b>Germany</b>	<b>World</b>	<b>2,898,057</b>	<b>3,076,846</b>	<b>3,178,471</b>	<b>2,900,437</b>	<b>2,984,744</b>
	ITTO Prod.	14,608 (1)	10,411 (0)	10,472 (0)	10,340 (0)	9,418 (0)
	ITTO Con.	2,241,287 (77)	2,409,238 (78)	2,786,960 (88)	2,503,892 (86)	2,628,262 (88)
<b>Denmark</b>	<b>World</b>	<b>2,077,788</b>	<b>2,137,264</b>	<b>2,063,624</b>	<b>1,964,231</b>	<b>1,931,657</b>
	ITTO Prod.	2,916 (0)	1,588 (0)	3,508 (0)	3,253 (0)	4,364 (0)
	ITTO Con.	1,927,508 (93)	1,972,054 (92)	1,963,252 (95)	1,876,093 (96)	1,838,629 (95)
<b>France+</b>	<b>World</b>	<b>1,494,665</b>	<b>1,683,607</b>	<b>1,685,074</b>	<b>1,610,858</b>	<b>1,543,251</b>
	ITTO Prod.	17,340 (1)	20,028 (1)	13,879 (1)	12,710 (1)	14,553 (1)
	ITTO Con.	1,098,549 (73)	1,260,921 (75)	1,471,099 (87)	1,412,603 (88)	1,355,953 (88)
<b>Belgium/Lux.</b>	<b>World</b>	<b>1,328,591</b>	<b>1,363,793</b>	<b>1,607,412</b>	<b>1,553,826</b>	<b>1,521,155</b>
	ITTO Prod.	3,576 (0)	3,068 (0)	2,531 (0)	3,470 (0)	4,424 (0)
	ITTO Con.	1,263,183 (95)	1,298,916 (95)	1,522,947 (95)	1,481,060 (95)	1,474,869 (97)
<b>China+</b>	<b>World</b>	<b>3,004,361</b>	<b>3,137,312</b>	<b>3,687,705</b>	<b>4,474,055</b>	<b>4,684,375</b>
	ITTO Prod.	39,307 (1)	28,442 (1)	28,111 (1)	42,278 (1)	40,910 (1)
	ITTO Con.	2,693,231 (90)	2,872,083 (92)	3,460,229 (94)	4,201,034 (94)	4,503,768 (96)
<b>Canada</b>	<b>World</b>	<b>2,776,714</b>	<b>3,294,989</b>	<b>4,074,454</b>	<b>4,399,144</b>	<b>4,209,859</b>
	ITTO Prod.	5,405 (0)	4,612 (0)	3,564 (0)	3,362 (0)	2,640 (0)
	ITTO Con.	2,744,204 (99)	3,267,036 (99)	4,050,255 (99)	4,375,700 (99)	4,190,585 (100)
<b>Indonesia</b>	<b>World</b>	<b>1,368,809</b>	<b>829,655</b>	<b>1,857,510</b>	<b>2,211,536</b>	<b>2,033,797</b>
	ITTO Prod.	14,674 (1)	10,020 (1)	23,870 (1)	30,779 (1)	31,213 (2)
	ITTO Con.	1,068,732 (78)	642,979 (77)	1,595,713 (86)	1,908,371 (86)	1,802,603 (89)
<b>Poland</b>	<b>World</b>	<b>1,852,526</b>	<b>1,953,731</b>	<b>1,925,343</b>	<b>2,046,494</b>	<b>2,179,864</b>
	ITTO Prod.	1,583 (0)	439 (0)	2,877 (0)	4,718 (0)	5,607 (0)
	ITTO Con.	1,418,294 (77)	1,566,032 (80)	1,712,413 (89)	1,804,970 (88)	1,901,398 (87)
<b>Malaysia</b>	<b>World</b>	<b>1,480,231</b>	<b>1,290,249</b>	<b>1,528,804</b>	<b>1,691,663</b>	<b>1,435,135</b>
	ITTO Prod.	14,941 (1)	12,492 (1)	19,581 (1)	29,406 (2)	28,554 (2)
	ITTO Con.	1,152,963 (78)	1,010,737 (78)	1,216,809 (80)	1,356,529 (80)	1,174,133 (82)
<b>ITTO Consumers</b>	<b>World</b>	<b>27,431,694</b>	<b>28,346,080</b>	<b>31,085,838</b>	<b>31,443,052</b>	<b>30,668,648</b>
	ITTO Prod.	331,581 (1)	297,422 (1)	261,128 (1)	272,801 (1)	277,753 (1)
	ITTO Con.	22,085,226 (81)	23,133,373 (82)	27,463,481 (88)	27,767,903 (88)	27,237,010 (89)

+ France includes Monaco. China includes People's Republic of China plus Hong Kong and Macao Special Administrative Regions - see text for breakdown.

**Table 5-6. Types of SPWP Exported by Major Exporters, 2000 [1000 US\$; (% share)]**

Exporter	To	Wooden Furniture and Parts	Builder's Woodwork	Other SPWP	Mouldings	Cane and Bamboo Furniture and Parts
<b>European Union</b>	<b>World</b>	<b>13,281,119</b>	<b>2,719,122</b>	<b>2,082,652</b>	<b>839,055</b>	<b>565,106</b>
	ITTO Prod.	96,063 (1)	9,383 (0)	9,527 (0)	2,645 (0)	11,791 (2)
	ITTO Con.	11,387,680 (86)	2,371,661 (87)	1,850,960 (89)	763,537 (91)	417,987 (74)
<b>Italy</b>	<b>World</b>	<b>4,915,335</b>	<b>183,107</b>	<b>345,970</b>	<b>208,789</b>	<b>348,551</b>
	ITTO Prod.	46,881 (1)	2,473 (1)	3,174 (1)	459 (0)	6,777 (2)
	ITTO Con.	3,934,196 (80)	120,550 (66)	309,185 (89)	193,529 (93)	254,141 (73)
<b>Germany</b>	<b>World</b>	<b>2,120,667</b>	<b>373,952</b>	<b>296,228</b>	<b>79,176</b>	<b>30,414</b>
	ITTO Prod.	7,341 (0)	1,323 (0)	1,083 (0)	83 (0)	509 (2)
	ITTO Con.	1,894,137 (89)	297,255 (79)	228,310 (77)	57,797 (73)	26,394 (87)
<b>Denmark</b>	<b>World</b>	<b>1,400,162</b>	<b>427,129</b>	<b>105,702</b>	<b>25,392</b>	<b>5,846</b>
	ITTO Prod.	3,093 (0)	60 (0)	82 (0)	12 (0)	6 (0)
	ITTO Con.	1,341,858 (96)	407,393 (95)	100,113 (95)	21,175 (83)	5,553 (95)
<b>France+</b>	<b>World</b>	<b>921,759</b>	<b>144,737</b>	<b>418,884</b>	<b>87,379</b>	<b>38,099</b>
	ITTO Prod.	9,188 (1)	1,156 (1)	1,111 (0)	732 (1)	523 (1)
	ITTO Con.	792,130 (86)	125,518 (87)	386,767 (92)	82,620 (95)	25,567 (67)
<b>Belgium/Lux.</b>	<b>World</b>	<b>901,587</b>	<b>289,602</b>	<b>234,857</b>	<b>104,356</b>	<b>23,423</b>
	ITTO Prod.	1,407 (0)	1,403 (0)	256 (0)	181 (0)	223 (1)
	ITTO Con.	863,737 (96)	265,079 (92)	228,056 (97)	101,806 (98)	22,382 (96)
<b>China+</b>	<b>World</b>	<b>2,261,199</b>	<b>309,129</b>	<b>1,463,839</b>	<b>138,642</b>	<b>301,246</b>
	ITTO Prod.	15,496 (1)	3,058 (1)	18,444 (1)	1,840 (1)	3,440 (1)
	ITTO Con.	2,107,807 (93)	292,575 (95)	1,382,796 (94)	131,464 (95)	286,393 (95)
<b>Canada</b>	<b>World</b>	<b>2,300,051</b>	<b>1,184,573</b>	<b>619,254</b>	<b>287,659</b>	<b>7,607</b>
	ITTO Prod.	1,655 (0)	423 (0)	120 (0)	1,053 (0)	111 (1)
	ITTO Con.	2,288,713 (100)	1,176,791 (99)	617,786 (100)	285,044 (99)	7,366 (97)
<b>Indonesia</b>	<b>World</b>	<b>776,937</b>	<b>632,418</b>	<b>297,308</b>	<b>223,227</b>	<b>281,645</b>
	ITTO Prod.	10,233 (1)	5,565 (1)	7,468 (3)	4,515 (2)	2,997 (1)
	ITTO Con.	685,335 (88)	559,581 (88)	254,836 (86)	150,947 (68)	257,671 (91)
<b>Poland</b>	<b>World</b>	<b>1,476,839</b>	<b>143,174</b>	<b>363,277</b>	<b>54,669</b>	<b>8,535</b>
	ITTO Prod.	4,666 (0)	0 (0)	52 (0)	0 (0)	0 (0)
	ITTO Con.	1,273,270 (86)	129,949 (91)	346,765 (95)	52,907 (97)	2,079 (24)
<b>Malaysia</b>	<b>World</b>	<b>1,158,785</b>	<b>201,195</b>	<b>73,979</b>	<b>235,493</b>	<b>22,211</b>
	ITTO Prod.	24,132 (1)	1,132 (1)	1,889 (3)	2,004 (1)	249 (1)
	ITTO Con.	935,562 (88)	171,988 (88)	52,389 (86)	178,371 (76)	18,219 (91)
<b>ITTO Consumers</b>	<b>World</b>	<b>19,316,665</b>	<b>4,821,464</b>	<b>4,764,955</b>	<b>1,567,946</b>	<b>972,022</b>
	ITTO Prod.	157,950 (1)	21,597 (0)	58,548 (1)	9,577 (1)	25,128 (3)
	ITTO Con.	16,915,355 (88)	4,350,710 (90)	4,282,393 (90)	1,442,744 (92)	776,701 (80)

+ France includes Monaco. China includes People's Republic of China plus Hong Kong and Macao Special Administrative Regions - see text for breakdown.

**Table 5-7. Major ITTO Producer Exporters of Secondary Processed Wood Products [1000 US\$; (% share)]**

Exporter	To	1997	1998	1999	2000	2001
Indonesia	World	1,368,809	829,655	1,857,510	2,211,536	2,033,797
	ITTO Prod.	14,674 (1)	10,020 (1)	23,870 (1)	30,779 (1)	31,181 (2)
	ITTO Con.	1,094,389 (80)	661,239 (80)	1,620,577 (87)	1,943,081 (88)	1,799,195 (88)
Malaysia	World	1,480,231	1,290,249	1,528,804	1,691,663	1,435,135
	ITTO Prod.	14,941 (1)	12,492 (1)	19,581 (1)	29,406 (2)	28,554 (2)
	ITTO Con.	1,152,963 (78)	1,010,737 (78)	1,216,809 (80)	1,356,529 (80)	1,174,133 (82)
Thailand	World	767,218	738,112	916,598	1,070,287	989,621
	ITTO Prod.	4,716 (1)	7,670 (1)	11,007 (1)	10,990 (1)	14,676 (1)
	ITTO Con.	734,788 (96)	698,819 (95)	870,074 (95)	1,018,222 (95)	941,336 (95)
Brazil	World	543,603	510,417	655,351	788,375	807,023
	ITTO Prod.	3,189 (1)	4,276 (1)	5,600 (1)	11,418 (1)	15,816 (2)
	ITTO Con.	466,015 (86)	424,975 (83)	562,950 (86)	653,954 (83)	681,861 (84)
Philippines	World	382,638	366,099	385,133	482,984	324,405
	ITTO Prod.	4,474 (1)	3,165 (1)	3,080 (1)	3,296 (1)	2,304 (1)
	ITTO Con.	351,912 (92)	338,853 (93)	361,225 (94)	461,735 (96)	308,943 (95)
Bolivia	World	25,238	27,689	35,404	37,795	27,366
	ITTO Prod.	36 (0)	47 (0)	44 (0)	5 (0)	9 (0)
	ITTO Con.	12,988 (51)	16,868 (61)	30,082 (85)	35,034 (93)	25,560 (93)
Colombia	World	10,969	15,809	17,486	29,836	44,413
	ITTO Prod.	5,018 (46)	8,958 (57)	9,332 (53)	15,340 (51)	24,801 (56)
	ITTO Con.	4,741 (43)	5,573 (35)	6,685 (38)	11,294 (38)	14,235 (32)
Honduras	World	34,127	30,737	30,378	28,846	63,938
	ITTO Prod.	709 (2)	1,158 (4)	346 (1)	434 (2)	753 (1)
	ITTO Con.	32,327 (95)	26,825 (87)	27,160 (89)	24,010 (83)	57,701 (90)
ITTO Asia Pacific	World	4,013,738	3,240,550	4,710,529	5,461,526	4,782,960
	ITTO Prod.	38,940 (1)	33,564 (1)	57,929 (1)	74,553 (1)	76,715 (2)
	ITTO Con.	3,344,383 (83)	2,721,810 (84)	4,086,622 (87)	4,783,678 (88)	4,223,606 (88)
ITTO Latin America	World	666,747	639,959	799,904	950,975	945,824
	ITTO Prod.	14,414 (2)	20,247 (3)	21,156 (3)	31,951 (3)	45,177 (5)
	ITTO Con.	543,871 (82)	502,213 (78)	657,487 (82)	760,063 (80)	759,211 (80)
ITTO Africa	World	42,193	36,999	79,949	67,929	58,281
	ITTO Prod.	302 (1)	217 (1)	33,854 (42)	1,194 (2)	126 (0)
	ITTO Con.	39,877 (95)	35,060 (95)	44,284 (55)	65,455 (96)	56,990 (98)
ITTO Producers	World	4,721,724	3,917,508	5,580,580	6,472,766	5,835,557
	ITTO Prod.	53,655 (1)	54,028 (1)	112,897 (2)	107,697 (2)	122,747 (2)
	ITTO Con.	3,927,272 (83)	3,259,082 (83)	4,778,667 (86)	5,601,588 (87)	5,084,770 (87)

**Table 5-8. Types of SPWP Exported by Major ITTO Producer Exporters, 2000 [1000 US\$; (% share)]**

Exporter	To	Wooden Furniture and Parts		Builder's Woodwork		Other SPWP		Mouldings		Cane and Bamboo Furniture and Parts	
<b>Indonesia</b>	<b>World</b>	<b>776,937</b>		<b>632,418</b>		<b>297,308</b>		<b>223,227</b>		<b>281,645</b>	
	ITTO Prod.	10,233	(1)	5,565	(1)	7,468	(3)	4,515	(2)	2,997	(1)
	ITTO Con.	685,335	(88)	559,581	(88)	254,836	(86)	185,657	(83)	257,671	(91)
<b>Malaysia</b>	<b>World</b>	<b>1,158,785</b>		<b>201,195</b>		<b>73,979</b>		<b>235,493</b>		<b>22,211</b>	
	ITTO Prod.	24,132	(2)	1,132	(1)	1,889	(3)	2,004	(1)	249	(1)
	ITTO Con.	935,562	(81)	171,988	(85)	52,389	(71)	178,371	(76)	18,219	(82)
<b>Thailand</b>	<b>World</b>	<b>690,792</b>		<b>38,153</b>		<b>249,576</b>		<b>75,170</b>		<b>16,596</b>	
	ITTO Prod.	6,688	(1)	413	(1)	2,614	(1)	296	(0)	979	(6)
	ITTO Con.	662,097	(96)	32,655	(86)	237,971	(95)	71,510	(95)	13,989	(84)
<b>Brazil</b>	<b>World</b>	<b>404,783</b>		<b>169,143</b>		<b>112,446</b>		<b>101,165</b>		<b>837</b>	
	ITTO Prod.	6,678	(2)	2,410	(1)	1,577	(1)	727	(1)	26	(3)
	ITTO Con.	306,188	(76)	154,259	(91)	98,239	(87)	94,982	(94)	285	(34)
<b>Philippines</b>	<b>World</b>	<b>124,484</b>		<b>169,193</b>		<b>43,832</b>		<b>13,789</b>		<b>131,686</b>	
	ITTO Prod.	556	(0)	20	(0)	607	(1)	0	(0)	2,113	(2)
	ITTO Con.	117,911	(95)	165,082	(98)	41,339	(94)	13,783	(100)	123,620	(94)
<b>Bolivia</b>	<b>World</b>	<b>12,488</b>		<b>21,022</b>		<b>1,267</b>		<b>3,018</b>		<b>0</b>	
	ITTO Prod.	1	(0)	2	(0)	2	(0)	0	(0)	0	(0)
	ITTO Con.	11,398	(91)	19,839	(94)	1,124	(89)	2,672	(89)	0	(0)
<b>Colombia</b>	<b>World</b>	<b>21,171</b>		<b>1,931</b>		<b>4,713</b>		<b>1,815</b>		<b>205</b>	
	ITTO Prod.	9,182	(43)	988	(51)	3,531	(75)	1,564	(86)	75	(37)
	ITTO Con.	9,929	(47)	341	(18)	738	(16)	209	(12)	77	(38)
<b>Honduras</b>	<b>World</b>	<b>12,333</b>		<b>758</b>		<b>12,463</b>		<b>3,135</b>		<b>157</b>	
	ITTO Prod.	120	(1)	0	(0)	303	(2)	12	(0)	0	(0)
	ITTO Con.	10,500	(85)	728	(96)	9,997	(80)	2,656	(85)	129	(82)
<b>ITTO Asia Pacific</b>	<b>World</b>	<b>2,754,527</b>		<b>1,041,184</b>		<b>665,377</b>		<b>548,300</b>		<b>452,139</b>	
	ITTO Prod.	41,672	(2)	7,130	(1)	12,598	(2)	6,816	(1)	6,337	(1)
	ITTO Con.	2,403,765	(87)	929,497	(89)	587,107	(88)	449,809	(82)	413,500	(91)
<b>ITTO Latin America</b>	<b>World</b>	<b>478,126</b>		<b>208,157</b>		<b>148,274</b>		<b>114,768</b>		<b>1,651</b>	
	ITTO Prod.	18,022	(4)	3,961	(2)	7,486	(5)	2,357	(2)	125	(8)
	ITTO Con.	354,807	(74)	179,093	(86)	120,117	(81)	105,409	(92)	637	(39)
<b>ITTO Africa</b>	<b>World</b>	<b>4,161</b>		<b>5,807</b>		<b>11,850</b>		<b>45,767</b>		<b>345</b>	
	ITTO Prod.	1,097	(26)	2	(0)	36	(0)	46	(0)	13	(4)
	ITTO Con.	2,726	(66)	5,604	(97)	11,404	(96)	45,403	(99)	317	(92)
<b>ITTO Producers</b>	<b>World</b>	<b>3,234,764</b>		<b>1,253,625</b>		<b>821,565</b>		<b>708,834</b>		<b>453,978</b>	
	ITTO Prod.	60,790	(2)	11,093	(1)	20,119	(2)	9,219	(1)	6,475	(1)
	ITTO Con.	2,759,268	(85)	1,112,693	(89)	714,701	(87)	600,621	(85)	414,304	(91)

## **Appendix 6**

### **UN/ECE Timber Committee Market Statement on Forest Products Markets in 2002 and 2003**



## **UN/ECE TIMBER COMMITTEE MARKET STATEMENT ON FOREST PRODUCTS MARKETS IN 2002 AND 2003**

The entire official text of the Market Statement was adopted by the UN/ECE Committee  
at its sixtieth session  
Geneva, Switzerland, 27 September 2002

### **PROMOTION OF SOUND USE OF WOOD IS KEY TO SUSTAINABLE FOREST PRODUCTS MARKETS**

#### **Overview**

A downturn in forest products markets occurred in 2001, following record levels in 2000, in the UNECE region of Europe, North America and the Commonwealth of Independent States (CIS). Weak economic conditions in North America and Europe persist in 2002, and only a few forest product sectors show signs of an upturn. In contrast, central and eastern European countries and the CIS generally forecast rising consumption, production and trade. A slight improvement for the entire region is forecast for 2003, although recent economic indicators add uncertainty to the forecasts.

The Timber Committee examined the positive market effects of wood promotion. The Committee encouraged countries to work together to achieve the maximum benefits of their promotional efforts. Multi-country promotion of the sound use of wood is important to maintain and increase wood's market share. Many effective communication strategies can be shared through collaboration between countries, trade associations and promotional groups. These international approaches to wood promotion are important to ensure sustainable markets which are a vital component of sustainable forest management.

There are now significant European markets and trade flows for wood biofuel which in part are driven by policy. This is stimulating competition for wood raw material. In this area, energy and environment policies interact with forest industry policy. The Committee proposes a cross-sectoral approach to this issue.

The Committee discussed markets for certified forest products, value-added forest products, sawn softwood, sawn hardwood, panels, pulp, paper and paperboard and wood raw materials, including wood fuel. Developments in 2002 and forecasts for 2003 in these sectors are detailed below.

#### **Economic Background**

In the third quarter of 2002, the already moderate economic performance in North America and western Europe weakened further. Recent weeks have seen increased uncertainty and downward revisions of most economic forecasts. The steep decline in stock prices since 2000 and the recent rise in oil prices have been only partly counterbalanced by relative strength in North American housing markets. However in the euro area, housing investment fell by 3% in 2001 and continued to fall in the first quarter of 2002. United States GDP is now expected to grow by 2.4% in 2002 and 3% in 2003; western Europe GDP is expected to grow by only 1.2% in 2002 and 2.5% in 2003.

Higher growth rates are expected for the transition economies. In central and eastern European countries (CEECs), GDP growth of 2.6% is expected for 2002, but nearly 5% for the Baltic countries and the CIS. In 2003 growth for the transition countries as a whole could be over 4%.

#### **Certified Forest Products**

Forest area certified for sustainable forest management is growing rapidly in the UNECE region, reaching 124 million hectares in mid-2002, a 25% increase since 2001. The vast majority, 90%, of the world's certified forests are in Europe and North America. Markets for certified forest products (CFPs) have grown too, but remain at low levels. Many producing countries target the environmentally-conscious markets.

Chain-of-custody is a bottleneck in today's certification markets, resulting in products produced from certified forests being sold without a label documenting their source. This shortcoming in the distribution channel deprives producers and consumers of some of the potential benefits of trading recognizable CFPs.

The Committee noted other problems including lack of mutual recognition between schemes, lack of price premiums for CFPs and lack of demand (in part due to lack of consumer awareness). On the other hand, some markets claim lack of supply constrains the offer.

Supply drivers include access to markets, primarily for exports when the domestic market is small or nonexistent. Demand drivers include corporate image enhancement, competitive advantage, market channel options, risk aversion and social responsibility. Forest owners are increasingly considering their environmental image. Some governments, both local and national, have facilitated certification of forests and are spurring demand through public procurement policies.

Without statistics or forecasts, predicting the CFP market future is speculative. Moderate growth was expected for retailers in the next year, with higher growth in some products, e.g. flooring.

### **Sawn Softwood**

In 2002 sawn softwood markets in western Europe and North America are generally weak, while in central and eastern Europe and the CIS, consumption and exports are expanding.

Russian sawn softwood consumption is growing steadily as the forest sector continues to recover from the transition recession of the past decade, and should reach 11.45 million m<sup>3</sup> in 2003, with production at over 22 million m<sup>3</sup>. Russia forecasts strong growth in exports, increasing by 7.1% in 2002 and by 12.5% in 2003 to reach 8.5 million m<sup>3</sup>. In Northwest Russia, a leading producing and exporting region, these positive developments are linked to current economic and social stability, availability of forest resources and favourable currency exchange rates. Nevertheless, obsolete equipment, lack of investment, and an inadequate legal system will continue to slow growth.

Many CEECs and Russia forecast similar optimism for sawn softwood consumption increases, in line with their economic forecasts and higher value-added production. For example, in the Baltic countries production increases were forecast by Estonia of 3% in 2002 and 2003, and by Lithuania of 11% in 2002 and 5% in 2003. CEECs generally forecast increased trade, with greater volumes flowing outside Europe.

The high levels of supply of construction-grade sawnwood to the US market, coupled with a softening in housing demand, has resulted in falling prices. Canada's exports of sawn softwood are forecast to fall in 2002, by over 7% or 2.5 million m<sup>3</sup>, mainly due to the continued trade dispute with the United States. In May 2002, the United States imposed an 18.8% countervailing duty plus an 8.4% anti-dumping duty on imports of sawn softwood from Canada. These are being strongly contested by Canada through existing trade dispute resolution mechanisms, including the World Trade Organization and the North American Free Trade Agreement. North American sawn softwood consumption is forecast to decline by 2% in 2003 as the housing market softens in the United States to 1.57 million houses.

Although total US imports of sawn softwood are expected to fall, imports of value-added sawnwood are rising, both from Canada and increasingly from plantation-sourced, southern hemisphere countries, such as Chile and New Zealand. The strong US dollar stimulated its imports throughout 2001, but the dollar's weakening in 2002 is part of the reason for a decrease of 3.1% expected in sawn softwood imports for 2002 and a further decrease of imports in 2003 of almost 6%. As North America imports more softwood value-added products from outside the region, and exports less sawnwood overseas, the subregion could become a net importer of sawn softwood. Nevertheless, the Canada-US flow remains much larger than all others put together and the balance between the Canadian and US dollars has remained relatively stable.

In western Europe, consumption is expected to fall in 2002, essentially because of a decline of 1 million m<sup>3</sup> in Germany, under the influence of the construction crisis evident in some European countries over the past year. A moderate recovery, in Germany and elsewhere is forecast for 2003. Production is forecast to show a moderate increase in 2002 and a stronger one in 2003. A 3% increase in production is forecast by 3 of the 4 countries producing over 10 million m<sup>3</sup> per year, i.e. Austria, Finland and Germany. The fourth country, Sweden, forecast a 3% increase in 2002, but only a 1% rise in 2003 production. Between them these four countries accounted in 2001 for 58% of European sawn softwood production, and 70% of exports. The export of sawnwood from Europe to non-European markets is expected to grow.

## Sawn Hardwood

Sawn hardwood markets peaked in 2000 in the UNECE region as a whole. As in other sectors, the hardwood markets in central and eastern Europe generally offer more optimistic forecasts for 2002 and 2003, albeit on smaller volumes. Early 2002 wind and snow storms felled 3.6 million m<sup>3</sup> in Turkey. The resulting increased sawn hardwood production is expected to make Turkey the leading sawn hardwood producer in Europe in 2002 and 2003 at 2.6 million m<sup>3</sup>. Several countries of central and eastern Europe and the Baltic region are not only exporting sawnwood, but also other value-added hardwood products including furniture.

Overall in Europe the consumption of sawn hardwood is forecast to decline in 2002 by 2.6%. Only exports showed positive movement, forecast to rise 2.8% in 2002. Predictions for 2003 were near 2002 levels for consumption, production and trade.

North American consumption of sawn hardwoods fell sharply in 2001 and is forecast to remain near the same level in 2002, although trade is predicted to accelerate. United States exports in 2002 are forecast to leap 21.9%, to a record 3.2 million m<sup>3</sup>. Part of the export rise is attributable to the weakened dollar in 2002. The record could be short-lived as a decline of 3.3% is forecast for 2003. At the same time, the United States is forecasting a jump in imports, by 33.4%, to reach an all time high of 1.9 million m<sup>3</sup>.

Trade of value-added hardwood products is advancing, which is not reflected in the sawnwood statistics. Semi- and fully-machined hardwood components, millwork, joinery and furniture are imported by UNECE region countries, both from tropical and temperate sources, and increasingly from developing countries. China's dynamic markets are directly affecting UNECE exporters and importers. The US is the largest importer of value-added wood products of almost all categories of products. The largest hardwood export market for the US is now China, and some of those exports are re-imported later in the form of furniture. A structural change is occurring as US furniture production is shifted to more cost competitive developing countries.

Tropical sawn hardwood exporters appear at first glance to have lost market share in Europe in 2002, as imports and consumption are forecast to decline in 2002 and 2003. In contrast, the United States forecasts greater consumption of tropical

sawnwood in 2002, but on a level that is only 10% of Europe's. However, as with temperate hardwoods, value-added products, such as furniture, joinery and profiled wood are making significant inroads.

Russian production of sawn hardwood is forecast to rise in 2002 by 8.0%, and in 2003 by 11%, to reach 3 million m<sup>3</sup>. Consumption is predicted to rise simultaneously as well as exports. The latter could reach 750,000 m<sup>3</sup> in 2003.

## Wood-based Panels

Following the record levels reached in 2000 and a downturn in 2001, consumption of wood-based panels in Europe is expected to drop marginally in 2002 to 53 million m<sup>3</sup>. Market uncertainty, sluggish demand, low prices and poor profitability have led the industry to restructure, closing less efficient plants, increasing concentration and turning to multi-product manufacturing centres. In spite of the difficult market situation, MDF continues to gain market share, maintaining high operating rates and gaining new uses. The rapid expansion of OSB capacity may lead to an oversupply situation as the recently installed mills reach operational capacity. MDF and OSB are substituting solid wood in several applications. China has become a significant exporter of tropical plywood to Europe, based on imported logs.

In Europe there are prospects for the development of engineered wood products (EWPs), notably wooden I-beams and laminated veneered lumber. EWPs make efficient use of wood in manufacturing, they have predictable performance and reduce on-site construction time and construction waste. The number of EWP plants has doubled over the last decade in North America and their output is now equivalent to 5% of the sawnwood supply.

The discussion showed that there is a need to promote the environmental benefits of wood-based panels relative to competing non-wood materials. The European wood-based panels sector is seeking to understand customer needs better and further improve product quality. The European Panel Federation has launched a campaign under the theme "For environmental reasons, use more wood" promoting the advantages of panels and other wood products.

North American consumption of wood-based panels is also forecast to fall slightly in 2002 and 2003 to 56 million m<sup>3</sup>, but remain close to record

levels, notwithstanding the current low prices. The strength of the housing sector has sustained demand for OSB, which is expected to continue to substitute softwood plywood in structural applications. Particleboard and MDF production and consumption are expected to decline somewhat as a result of sluggish demand from the furniture and cabinet sector as well as from industrial applications.

In the CIS and central and eastern European countries, production capacity of the wood-based panels industries is expanding partly linked to the development of the furniture industry and foreign investment. Domestic consumption and exports of products from CEEC to western Europe are increasing. The Timber Committee forecasts a 5% increase in panel consumption in the Russian Federation in both 2002 and 2003 to 5 million m<sup>3</sup>. Exports are expected to increase at higher rates during the same period.

### **Paper, paperboard and woodpulp**

World pulp and paper markets are starting to recover from the downturn that began in the second half of 2000, which saw a collapse in the world pulp price, attributed to weak demand and excess capacity. In the first half of 2002 the markets were driven by rising demand for both pulp and paper products. Profits have recovered slightly after a steep fall in 2001.

North American consumption of paper and paperboard fell sharply, and is expected to continue to fall in 2002 and 2003, declining to the levels of the mid 1990s. This decline in consumption is raising concern about a change in the long-term correlation between economic growth and paper consumption. Paper consumption is determined, among other factors, by the changes in industrial production, a sector of the economy which accounts for a reducing share of GDP. The steep decline in advertising expenditure has had a negative effect on paper consumption. North American production is also expected to fall in 2002 and 2003. In Europe, however, production and consumption of paper and paperboard are expected to recover in 2002 and 2003 from the relatively minor fall experienced in 2001. Per caput consumption in North America is still about 50% higher than in western Europe.

Russian consumption of paper and paperboard continues to recover rapidly from the low point it reached in the mid 1990s. Between 1998 and 2003, it nearly doubled. Production and exports of

paper and paperboard are also rising fast. Russian pulp exports are also expected to rise further.

### **Wood raw materials**

Roundwood removals as well as consumption in the UNECE region increased strongly between 1996 and 2000 but dropped in 2001 by 3.8% and 4.2% respectively. The forecast for 2002 and 2003 shows stabilisation at the current level.

North America is the largest roundwood producing subregion of the UNECE region at 560 million m<sup>3</sup>. Its roundwood production fell significantly between 1999 and 2001, whereas its net trade remained negligible. Apparent consumption in 2001 declined by 15% and removals by 10%. Among driving factors were the downturn of the economy and a reduction of harvest levels in United States national forests as a result of environmental pressures. A return to slow growth in roundwood production is expected for this subregion.

Developments in the EU/EFTA subregion are influenced by the storms of December 1999, which affected mainly France, Germany, Switzerland and Denmark, and subsequent removals due to insect damage. After a strong increase of supply in 2000, prices weakened. As a consequence, state forest services reduced their supply in order to support consolidation of the markets. This caused a decrease in removals in 2001 of roughly 10%. In most countries the processing industry has now used up the stocks, which were built up following the storms. For 2002, a decrease is expected due to low economic growth as well as lingering effects of the storm. In 2003 removals are forecast to increase in line with their normal, rising trend.

Removals as well as consumption from CEECs have grown steadily over recent years. Removals were 100 million m<sup>3</sup> in 2001. They dropped slightly for the first time in 2001, while for consumption a further increase was reported. For 2002 and 2003 a further, but more modest growth is expected, which could be a sign for a long-term stabilisation of growth at a rate comparable to those of western countries.

Removals in the CIS passed through a phase of deep depression after the collapse of planned economies. However, the subregion has shown remarkable growth of removals and more modest increase of consumption since the devaluation of the rouble in 1998. Exports of roundwood have grown sharply during the 1990s. In recent years

exports from CIS have continued to grow, delivered to western Europe and CEECs, and also to Japan and China. Further growth is forecast for removals and consumption of roundwood in 2002 and 2003 along with a decrease of net exports.

There have been significant changes in trade flows of roundwood<sup>1</sup>. The trade flow from CIS to EU/EFTA subregion, which represents 12% of global roundwood trade, increased by nearly 80% between 1996 and 1999 although it slowed down in 2000. Also exports from CIS (mainly Russia) to non-UNECE region countries (Japan and China) doubled between 1998 and 2000.

Although the share of wood in energy supply is still negligible in most UNECE region countries,

trade in biofuel, including wood pellets, briquettes, sawdust and chips, has increased rapidly over the past ten years. The use of wood for energy generation is in large part spurred by energy policy choices and technological developments. Realizing the objectives of the Kyoto Protocol, policy options encouraging bioenergy production include: opting out of nuclear energy, reducing carbon emission from fossil fuels, an environmentally friendly use of roundwood potentials, possible shifts towards changes in land use, conservation of natural resources, and others. Present of potential competition for the same raw materials suitable also for wood products is causing concern among some stakeholders about policies promoting the use of wood for energy.

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<sup>1</sup> Direction of trade data is only available to 2000.