



INTERNATIONAL TROPICAL TIMBER ORGANIZATION

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

2001

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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 2001 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. The worsening economic climate that became more evident after the terrorist attacks of September 11 was also not incorporated in many of the estimates submitted by members for 2001. 2000 is used as the base year 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 56 ITTO member countries in 2000 are given in Table 1.

in this region. Latin American countries processed virtually all tropical logs harvested in 1999-2000.

Tropical sawnwood production by ITTO producers totaled almost 35 million m³ in 2000, up 4.9% from 1999 levels. This increase was mainly due to estimated production increases in Indonesia. In 2001 sawnwood production grew a further 1.4% to 35.3 million m³. Tropical hardwood veneer production in producer countries surged 14% to 2.5 million m³ in 2000. Production decreased to slightly to 2.4 million m³ in 2001. The decrease was due to a decrease in Malaysia's veneer production. ITTO producer countries' plywood production increased in 2000 to almost 14 million m³, 1% above 1999 levels. This slight increase was due to a 8% increase in Malaysia, which offset a 4% reduction in

Table 1. ITTO Summary Statistics (2000, millions)

	Logs			Sawnwood			Veneer			Plywood		
	All	Tropical	(%)	All	Tropical	(%)	All	Tropical	(%)	All	Tropical	(%)
Production (m ³)	1,191.1	126.0	(11)	362.9	37.1	(10)	6.7	3.1	(46)	52.9	19.5	(37)
Imports (m ³)	117.1	18.1	(15)	115.7	8.5	(7)	3.0	1.4	(47)	16.7	10.8	(65)
Imports (\$)	9,905.6	3,116.9	(31)	23,736.8	3,035.5	(13)	2,374.4	618.0	(26)	6,487.6	4,066.5	(63)
Exports (m ³)	61.6	17.0	(28)	101.4	8.4	(8)	3.3	1.7	(51)	15.6	10.7	(68)
Exports (\$)	5,741.7	2,335.1	(41)	20,170.8	2,505.9	(12)	2,164.4	582.9	(27)	5,909.4	3,841.8	(65)

Production

Production of tropical industrial roundwood (logs) in ITTO producer countries totalled almost 125.7 million m³ in 2000, a 2.3% increase from 1999. Log production remained stable in 2001. Tropical log production was equivalent to 11% of total industrial roundwood production from all forests in all ITTO member countries in 2000. The proportion of logs domestically processed in Africa fell from almost 70% in the early 1990s to under 50% in the middle of the decade, due to increased log exports to Asia. This trend is now reversing as more restrictions are imposed on log exports, with the domestic processing figure rising to an average of 64% in the 1999-2001 period. The Asian figure for domestic processing averaged 91% over the same period. This reflects increasing populations, growing economies and the emphasis on exporting value-added products

Indonesia (the world's largest producer of tropical plywood) in 2000. Plywood production in producer countries declined to 13.2 million m³ in 2001 due to decreases in Indonesian and Malaysian production.

ITTO consumer countries also produced substantial quantities of tropical timber products in 2000. China (250 000 m³) and Australia (50 000 m³) together produced a total of 300 000 m³ of logs from their tropical regions. Consumer countries produced around 2.2 million m³ of sawnwood, 0.6 million m³ of veneer and 5.5 million m³ of plywood, all (with the exception of China and Australia) from imported tropical logs. Production levels of tropical logs, sawnwood and veneer in ITTO consumer countries were stable in 2001, but plywood production increased due largely to increases in Chinese production.

Imports

Tropical hardwood log imports by ITTO consumer countries rose by 9.2% in 2000, to 14.4 million m³. If imports by producing members are taken into account, total 2000 tropical log imports by ITTO members were almost 18.1 million m³, 10% more than in 1999. The 2000 total log import figure is 1.1 million m³ higher than the total ITTO exports. The gap between ITTO imports and exports increased to around 2.9 million m³ in 2001, indicating that additional pressure was placed on non-ITTO log suppliers, although under-reporting of log exports, misclassification of imports and/or statistical errors can also contribute to explaining this type of gap. Major non-ITTO tropical log suppliers include Equatorial Guinea and the Solomon Islands, with exports averaging about 400 000 m³ per year each. Other non-member tropical log exporters are less significant and include Bangladesh (average annual exports around 100 000 m³), Laos (80 000 m³), Mozambique (50 000 m³), Madagascar (40 000 m³) and Viet Nam (30 000 m³).

China at 6.1 million m³ (42% of all consumer country log imports) remained the world's largest importer of tropical logs in 2000 after overtaking Japan in 1999. China's imports jumped 27% from 1999 levels. Japan's imports of tropical logs decreased 11% to 3.1 million m³ in 2000, declining a further 32% to 2.1 million m³ in 2001 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 experienced large increases in log imports in 2000 as their economies recovered and shortages in domestic supplies were felt. However, imports by these countries were stable or falling in 2001 as many Asian economies slowed.

China continued to be ITTO's largest tropical sawnwood importer in 2000, with a 35% surge in imports to almost 2 million m³. Thailand's imports (which more than halved in 1998) rebounded by 23% to nearly 1 million m³ in 2000 as its economy and secondary wood processing industry recovered. Japan's imports of tropical sawnwood increased 4% to 687 000 m³ in 2000, but declined 12% to 605 000 m³ in 2001. Imports of tropical sawnwood by consumer countries rose 2.1% in 2000 to 6.6 million m³, but declined by

almost 4% to 6.4 million m³ in 2001. Increased imports by producers led total ITTO tropical sawnwood imports to increase almost 5% to 8.5 million m³ in 2000 before decreasing to 8.4 million m³ in 2001.

Total ITTO tropical veneer imports remained stable at just under 1.4 million m³ in 2000, followed by a slight decrease of almost 1.5% in 2001. China remained by far the largest ITTO tropical veneer importer, despite a 4% drop to 589 000 m³ in 2000. China's imports were stable in 2001. The EU absorbed 252 000 and 237 000 m³ of tropical veneer in 2000 and 2001, almost one-fifth of total ITTO imports. Japan imported 48 000 m³ of tropical veneer in 2000, a 10% decrease from 1999 levels, further decreasing by 6% in 2001 to 45 000 m³. Formerly a major veneer importer, Japan now absorbs less than Korea, Taiwan P.O.C. and the Philippines, in addition to China and the EU.

Tropical plywood imports, however, are still led by Japan, which increased imports by 3% to almost 4.6 million m³ in 2000 as imports replaced domestic production due to reduced availability of tropical logs. Japan's imports made up 42% of total ITTO imports of 10.8 million m³ in 2000. Tropical plywood imports by ITTO members decreased to just over 10.5 million m³ in 2001.

Exports

ITTO producer countries exported 16.1 million m³ of logs in 2000 with Malaysia providing just over 40% of this volume, down from almost three-quarters of the ITTO total in the early 1990s. Producer log exports in 2000 increased almost 10% from 1999 levels, but fell back 11% to 14.4 million m³ in 2001, less than half the level exported at the beginning of the decade. Sawnwood exports by producer members were up by nearly 32% to 7.9 million m³ in 2000, growing to 8.7 million m³ in 2001. Increases were observed for exports from all three tropical regions in 2000 and 2001, but a revised estimate for Indonesian exports based on trading partner reports accounted for most of the large increase in 2000. Veneer exports from ITTO producer countries remained stable in 2000 at 1.6 million m³, but fell to under 1.5 million m³ in 2001. Tropical plywood exports by producer members in 2000 declined almost 8% from 1999 exports to under 9.7 million m³, with Indonesia (5.8 million m³) and Malaysia (2.9 million m³) accounting for 90% of this total. Exports increased to over 10.1 million m³ in 2001.

ITTO consumer countries also exported or re-exported substantial quantities of tropical timber in 2000, led by log and plywood exports of 872,000 m³ and 978,000 m³ respectively. Sawnwood and veneer exports were smaller (529 000 and 111 000 m³ respectively in 2000). 85% of the log exports consisted of re-exports from Hong Kong S.A.R. to China. Exports of tropical logs and sawnwood by consumers declined in 2001, while shipments of veneer and plywood increased due to changes in EU trade.

Prices

Real prices for most primary tropical timber products and species exhibited mixed trends during 2000-2001, with significant fluctuations in many cases. African log and sawnwood prices have generally been declining as main markets in Europe and China have reduced demand or sought substitute softwoods, particularly from Russia. Some species of African logs have now reached lows not seen over the past decade. In comparison to African logs, Asian log prices have been more stable but are still 25-30% below the levels of early 1997. Asian log exports go primarily to other Asian countries, where many economies are still weak or slowly recovering. Teak was the only species for which log prices rose in Asia through 2000-2001, as the demand for furniture and other joinery products made from this species remained firm in European, Japanese and Thai markets.

Prices for African and Asian tropical sawnwood have, in most cases, been declining steadily since mid-2000 and in some instances are now below 1998 crisis levels. In contrast, prices of Latin American mahogany sawnwood exports continued an upward trend during 2000-2001 and are expected to rise further due to relatively strong demand in the US and European markets and the extension of a logging ban on mahogany in Brazil.

Prices for tropical plywood continued declining in 2000-2001 to reach new lows. Indonesian and Malaysian plywood export prices fluctuated at less than half of the price levels observed in 1996.

The reasons for this are flat construction sectors in Japan, preference for log rather than plywood imports in China, and increasing substitution by softwoods in all major markets. Brazilian plywood prices showed a less dramatic decline than Asian plywood in 2000-2001 due to volume shortages caused by the closure of some mills.

Apart from the mixed economic developments taking place in most regions in 2001, prices for tropical timber products in all regions have also fluctuated with exchange rate variations, stock changes and general economic conditions.

Secondary Products

After contracting 16% in 1998, exports of secondary processed wood products (SPWP) by ITTO producers rebounded by 43% in 1999, led by a recovery in Indonesia's, Malaysia's and Thailand's exports. Exports surged a further 11% in 2000, driven by strong growth in Indonesian SPWP exports. The top five ITTO producer country exporters of SPWP in 1999 (Indonesia, Malaysia, Thailand, Brazil and the Philippines) accounted for almost 97% of total ITTO producers' SPWP exports. Indonesia, which was briefly overtaken by Malaysia in 1998, consolidated its position as the largest tropical SPWP exporter in 2000 with a 17% jump in exports while Malaysia experienced a 3% decline.

Japan and the USA remain the two largest markets for SPWP from ITTO producers, with such products making up 34% and 17% of their total SPWP markets respectively in 2000. However, these shares have declined (from 22% in the USA) or remained relatively stable (in Japan) since 1996. Although ITTO producer countries accounted for only 11% of the total EU market for SPWP in 2000, the magnitude of this huge market meant that the value of this share (just over \$1.74 billion) was almost double the value of their Japanese market share and 83% of the value of their share of the USA market. In 2000, imports of SPWP by ITTO consumers from ITTO producers reached \$5.25 billion, equivalent to 54% 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, with a focus on tropical timber, in 2001. It contains data series on production and trade for 1997-2001, with a focus on the past three years. 2000 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 2001 the global tropical timber sector continued to evolve following the trauma of the late 1990s, with many important markets moving in different directions. China's increasing imports continued to drive the tropical log market, with the country set to soon become the largest overall importer of primary tropical timber products. 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 2001, with trade in these products continuing to rise toward the level of primary tropical timber products trade.

In international forest policy developments in 2001, ITTO participated actively in the work of the inaugural session of the UN Forum on Forests (UNFF) and the Collaborative Partnership on Forests (CPF) established to facilitate its work. The Organization formulated a new Action Plan to guide its work in the period 2002-2006, and 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, etc.) and began arrangements to convene an international conference on this topic together with FAO in 2002. ITTO approved ten national level field training workshops for the application of its own Criteria and Indicators for the Measurement of Sustainable Management of Tropical Forests in 2001, as well as developing guidelines for auditing systems for sustainable forest management. Full reports on all these activities are contained in separate reports to the Council.

Auditing of forest management and the related issue of timber certification remained topical issues in 2001, 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 as of late 2001). The FSC (21 million ha certified in 35 countries) and the PEFC (32 million ha certified in Europe) are the main global certification organizations but the vast majority of forest certified by them is in temperate countries. Tropical countries are increasingly developing national schemes, led by Malaysia's National Timber Certification Council and Indonesia's ITTO-supported Ecolabelling Institute, both of which began steps to market certified tropical forest products with their own labels in 2001. 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 up-to-date summary of developments in timber certification is included in the ECE Timber Committee's Forest Products Annual Market Review, 2000-2001 (see Appendix 7).

Many other relevant developments have occurred in 2001 in ITTO member country timber markets, both domestic and export. This Review attempts to summarize some of these in relation to their impacts on production and trade of tropical timber by ITTO member countries.

Forest Area Changes

FAO released data for the 2000 global Forest Resource Assessment in late 2001. Appendix 6 contains data on forest area change over the past two decades based on this source and earlier assessments. Since several countries have changed their definitions of and/or methods of measuring forests over this period, the most recent figures were accepted as most reliable. 1980 forest areas were calculated using the 1990 forest areas published in the 2000 Forest Resource Assessment and the 1980-1990 rates of change published in the 1990 Forest Resource Assessment.

Appendix 6 shows that tropical deforestation slowed from 12.8 million ha/yr during the 1980s to 11.5 million ha/yr in the 1990s. Separating tropical countries into ITTO members and others highlights an important trend. While the annual rate of deforestation in ITTO member countries

fell from 0.6 to 0.5% between the two decades, that of other tropical countries increased, from 0.7 to 0.9%. While this trend is due to many factors (e.g. forests are generally more important in ITTO member countries, many other tropical countries have more dry zone forests which are more easily destroyed, income and growth are generally lower in other tropical countries than in ITTO members, etc.), it is nonetheless encouraging.

Appendix 6 also shows that global forest plantations increased by almost 12 million ha/yr in the 1990s, compared to less than 4 million ha/yr in the previous decade, with half of this phenomenal growth in Asia (primarily India, China and Japan). Considering only tropical countries, the figures in Appendix 6 show that ITTO producer members established 1.7 million ha of plantations per year during the 1980s, rising to 3.2 million ha per year in the 1990s. This compares to only 400 000 ha/yr by other tropical countries, and 1.8 million ha/yr by non-tropical developing countries like China. ITTO producer countries had 59 million ha of plantations in 2000, approaching 5% of their total natural forest area. With growth in area planted increasing by over 10% per year, plantations look set to play an ever increasing role in the forest sectors of these countries. The chapter on Secondary Processed Wood Products provides an insight to the important contribution plantations are already making in the forest sectors of some tropical countries.

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 in 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 two chapters summarize production/consumption statistics, and market developments, trade and prices, respectively, for the primary tropical timber products covered by the ITTA. The section on production includes a summary of data on forest areas from the recently released FAO Forest Resource Assessment for 2000. The section on market developments includes a discussion of current and projected economic conditions in many countries. 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 2001 Joint Forest Sector Questionnaire (JQ) wherever possible; the JQ is included as Appendix 8. 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 2001 JQ was down from the response level in 2000, with 27 of 31 producers countries (26 of 30 in 2000) and 22 of 26 consumers countries (24 of 26 in 2000) providing at least partial responses. Democratic Republic of Congo, India, Indonesia, Luxembourg, Nepal, Papua New Guinea, Portugal and Spain did not respond to the 2001 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.

Guatemala acceded to the ITTA (1994) in 2001 and is included in this year's Review for the first time. 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 these provide statistics to ITTO. The ITTO and regional totals in this edition of the Review should be viewed with these changes and factors in mind.

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 4 producer and 13 consumer

members met the 31 July 2001 deadline for responding to the JQ and several of the remaining 31 responses did not arrive at ITTO Headquarters until late October, allowing insufficient time for analysis and to request/receive clarifications where necessary. Table 2 shows a breakdown of responses to the JQ on a country level, 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 1999-2000 submitted in the 2001 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 in the production and trade chapters 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 - 6.

Most members that responded to the 2001 JQ reported at least some categories of data for both 1999 and 2000. Most members failed, however, to report any partial year data or forecasts for 2001; caution should therefore be used when interpreting the estimates for these countries and the ITTO totals for 2001 given here, especially since many of the estimates were made prior to the September 11 terrorist attacks and the subsequent further downgrading of economic prospects in many countries. 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 2001 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> (8 of 57 countries)	Democratic Republic of Congo, India, Indonesia, Luxembourg, Nepal, Papua New Guinea, Portugal, Spain
<u>Good responses:</u> (10 of 49 countries)	Côte d'Ivoire, Finland, Ghana, Japan, New Zealand, Panama, Philippines, Thailand, Vanuatu, Venezuela <ul style="list-style-type: none"> • All major sections complete • Internally consistent (material balance, year on year trends, unit values, compatibility between tables) • More or less consistent with trade partner reports
<u>Incomplete or erroneous responses:</u> (39 of 49 countries)	<ul style="list-style-type: none"> • Tropical trade data missing or unusable: 12 of 19 Consumer responses • Tropical production data missing or unusable: 17 of 19 Consumer responses • Production data missing or unusable: 12 of 20 Producer responses • Tropical species trade data missing or unusable: 8 of 20 Producer responses; 11 of 19 Consumer responses

Production and Consumption

This chapter provides statistics on production of primary tropical forest products in ITTO producer and consumer countries, and the apparent domestic consumption of such products in these countries. Data on production 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, India and Indonesia) were not provided in 2001 and have been estimated from other sources and 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 data reported to ITTO. Where distinguished, these products were included in the figures for all timber but not for tropical timber in Appendix 1. As noted in the Introduction, the Review now reports total industrial roundwood production rather than attempting to estimate the proportion of this that is saw and veneer logs. This change has not affected tropical countries significantly as most non-coniferous industrial roundwood produced in the tropics is still for sawing or peeling, although this is changing in countries like Indonesia. Several countries (e.g. Indonesia, China) are reported by various sources to have high levels of "unofficial" industrial production. Unless estimates of such "unofficial" production could be independently verified, only official production figures are presented here.

Logs

The production of tropical industrial roundwood ("logs") in ITTO producer member countries totalled 123 million m³ in 1999. This total was level with 1998 production, with a slight increase to almost 124 million m³ in 2000. Log production by ITTO producer member countries declined to 122 million m³ in 2001. Figure 1 shows ITTO's five major log producers for 1999-2001, ranked by 2000 production, as well as aggregate production by all other members. Of the top five, all except Gabon were stable or increasing during the period 1999-2001. Malaysian production has fallen from about 31.2 million m³ in 1997 to 24.5 million m³ in 2001, a reduction of almost 21% in just five years and nearly 39% in the last decade. This decrease reflects lower harvests in both Sabah and Sarawak, with the latter's harvests from its permanent forest estate now at the annual level of 9 million m³ recommended by the ITTO Mission to Sarawak in 1990. The increasing trend shown in Figure 1 for Malaysia is due to the recovery of the forest sector after the sharp contraction of 1998.

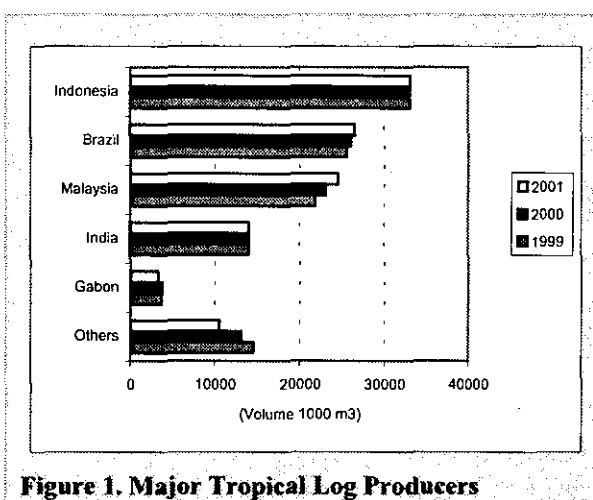


Figure 1. Major Tropical Log Producers

Figure 1 illustrates the dominance of the top four tropical log producing countries (Indonesia, Brazil, Malaysia and India) which together comprised around 77% 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 around 30 million m³. 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. Appendix 1 (Table 1-1-d) shows that four other ITTO producer members (Myanmar, Thailand, Cameroon, Côte d'Ivoire, and Papua New Guinea) had log production exceeding 2 million m³ in 2000. Of these, only Myanmar reported significantly decreased production in 2001. Log production figures for Thailand were substantially revised this year to account for large volumes of rubberwood which were previously not reported as industrial roundwood by Thai authorities.

Two ITTO consuming countries possess significant tropical timber resources: Australia and China. Aggregate production from these sources for 2000 was estimated at 300 000 m³, 20% down from 1999, with the bulk of this coming from China's southern provinces of Hainan Island and Yunnan. Log production from these areas is consumed almost entirely domestically. China is reducing domestic felling for environmental reasons and the abolition of import tariffs has also encouraged increased log imports to meet domestic needs.

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 63% of ITTO members' tropical hardwood logs in 2000. Asia's share of ITTO log production declined slightly to 62% in 2001. Africa's share of production remained at about 10-11% in 2000-2001, and Latin American production remained at about 26-27%.

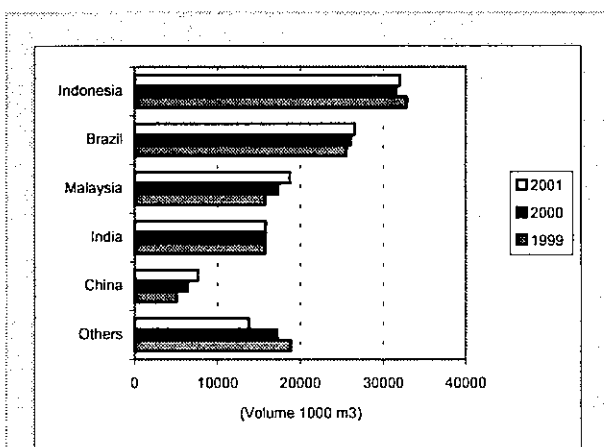


Figure 2. Major Tropical Log Consumers

Figure 2 shows tropical log consumption for 1999-2001 in the main log consuming countries. India and Indonesia were relatively stable, Brazil and Malaysia steadily increased consumption during the same period, while Chinese consumption continued to grow sharply in 2000 and 2001. With a 27% jump in domestic consumption in 2000, China remains as the fifth largest consumer of tropical logs and the main ITTO consuming country of tropical logs. The top five log consuming countries accounted for 77% of total ITTO consumption of tropical logs in 2000-2001. Africa's domestic log consumption remained stable in 2000-2001, 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 91% in Asia from 1999-2001. In Latin America logs processed domestically account for almost all production. African producers domestically consumed 66% and 68% of their total log production in 2000 and 2001 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.

Sawnwood

Production of tropical sawnwood in ITTO producing countries totalled 34.8 million m³ in 2000, up almost 5% from 1999, further increasing by 1.4% to 35.3 million m³ in 2001, due to production increases in both Africa and Asia. Africa, which makes up nearly 7% 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 34% of ITTO sawnwood production, decreased production by 2% in 2000 but recovered by almost 1% in 2001. Asian production rebounded by almost 8% in 2000 from the depressed levels of 1999, further increasing to 20 million m³ in 2001, a level last seen in 1997. The Asian region accounted for more than 57% of sawnwood production in producer countries in 2000 and 2001.

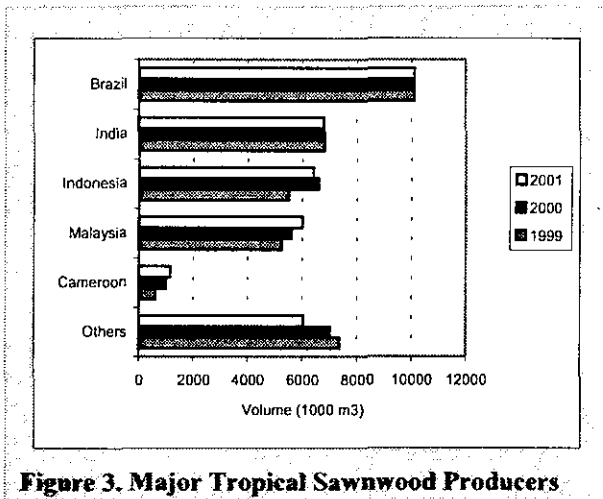


Figure 3 shows the major ITTO producers of tropical sawnwood in the 1999-2001 period, ranked by 2000 production. Brazil (10.1 million m³), India (6.8 million m³), Indonesia (6.6 million m³) and Malaysia (5.6 million m³) were the major producers of tropical sawnwood in 2000. Production in the first three of these countries was stable or down slightly in 2001, while Malaysia's and Cameroon's sawnwood production increased by 7% (to 6 million m³) and 15% (to 1.1 million m³) respectively. Malaysian production is steadily recovering from the 1998 crash which has consequently driven overall Asian production upward in the same period. The top four tropical sawnwood producing countries comprised 78% of ITTO sawnwood production in 2000-2001. Cameroon, which overtook Peru as ITTO's fifth largest sawnwood producer, produced 1 million m³ in 2000 as a log export ban led to higher production levels.

Appendix 1 shows that five other countries (China, Ecuador, Peru, Côte d'Ivoire, and Colombia) produced over 500 000 m³ of tropical sawnwood in 2000. Production increased or remained stable in 2001 in all of these countries.

Consumer countries produced 2.2 million m³ of tropical sawnwood in 2000, up by 7.7% from 1999 levels, with most of the increase due to China and the EU. Japan's production continued to decline, dropping 10% in 2000 (to 308 000 m³) and 12% in 2001 (to 271 000 m³).

Figure 4 shows the main ITTO consumers of tropical sawnwood, ranked by 2000 consumption. Consumption of tropical sawnwood by ITTO consumer countries jumped by nearly 11% between 1999 and 2001, from 7.2 million m³ to 8 million m³, due to increased imports. Consumption by producer countries declined nearly 5% to 28.7 million m³ in the same period.

Considered over a five-year period, consumption of tropical sawnwood in producing countries has decreased by 8%, while increasing by 14% in consuming countries. The five countries in Figure 4 accounted for 73% of ITTO members' consumption of tropical sawnwood in 2000.

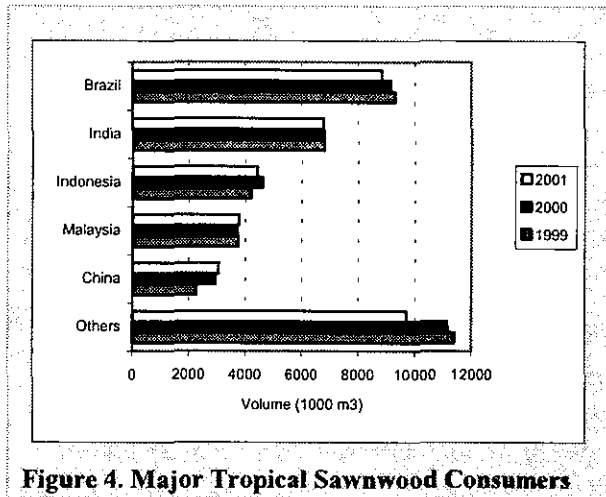
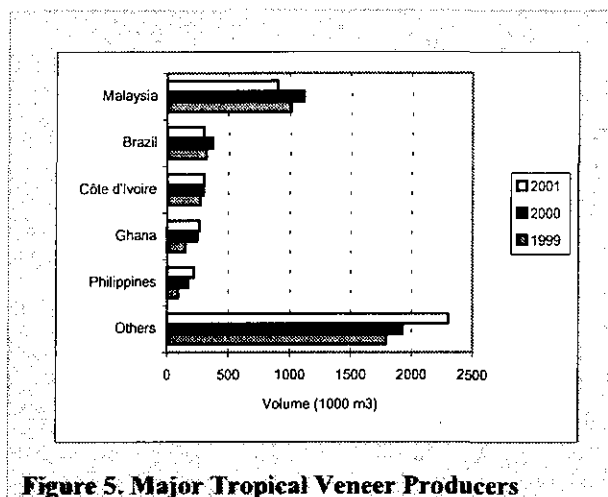


Figure 4 shows that China maintained its place as one of ITTO's top five tropical sawnwood consumers. Appendix 1 shows that China's consumption of tropical sawnwood has doubled in the last five years, overtaking Japan and Thailand among other countries. China's tropical sawnwood consumption is approaching Malaysia's consumption levels, indicative of the growth of the Chinese economy, which continued expanding in 2001. Japan's tropical sawnwood consumption decreased by 1% in 2000 and 12% in 2001 to 995 000 and 873 000 m³ respectively due to the problems that still affect the country's economy. France, Korea, Spain and the Netherlands are the other major non-tropical consumers of tropical sawnwood, all with over 400 000 m³ consumption per year. All of these countries maintained consumption of tropical sawnwood at or over this level in 2001.

Veneer

Production of tropical veneer in ITTO producing countries totalled over 2.5 million m³ in 2000. 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 surged by almost 14% in 2000, but decreased by 7.5% to 2.4 million m³ in 2001. The 2000 and 2001 changes were due largely to similar changes in Malaysia's veneer production, which decreased by 11% from just over 1 million m³ to 900 000 m³ between 1999 and 2001, with a jump to 1.1 million m³ in 2000.

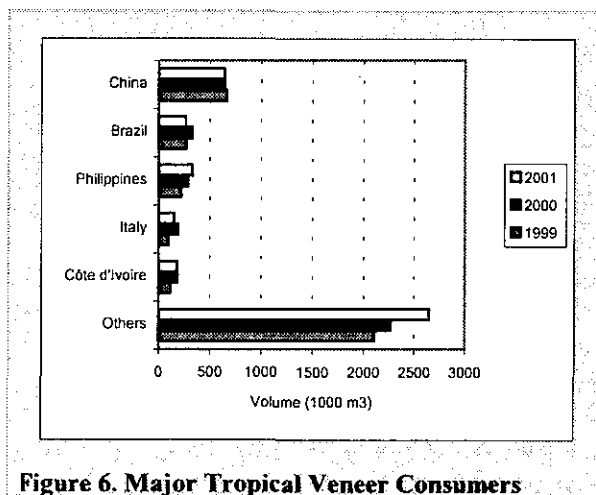


The Asian region produced over 1.4 million m³ of tropical veneer in 2000, Africa produced 714 000 m³ and Latin America produced 421 000 m³. Aggregate production rose in Africa (up 6%) and declined in Asia (down 11%) and in Latin America (down 17%) in 2001. The main ITTO veneer producers in 1999-2001 are shown in Figure 5. Malaysia is ITTO's largest tropical veneer producer. As stated above, its production declined 19% from 1.1 million m³ in 2000 to 900 000 m³ in 2001. Brazil's production made up 15% of ITTO's producer production in 2000 and 12% of total ITTO veneer production. The Philippines (170 000 m³ in 2000, up 91% from 1999) overtook Gabon as fifth largest producer in 2000.

Côte d'Ivoire and Ghana both experienced substantial increases in veneer production of 10% (to 297 000 m³) and 63% (to 245 000 m³) respectively in 2000. Two other ITTO producer members (Cameroon and Gabon) had veneer production of more than 70 000 m³ in 2000. Gabonese production has recently see-sawed, tumbling by 32% to 91 000 m³ in 2000 before rebounding by 15% to 104 000 m³ in 2001.

ITTO consuming countries produced 571 000 m³ of tropical veneer in 2000, up 15.3% from 1999 levels, and remained at that level in 2001. Production of tropical veneer in consumer countries in 2000 was split between the EU (68%), China (including Hong Kong and Macao S.A.R.s, 12%), Japan (12%) and Taiwan Province of China (7%). Japan, China and Taiwan Province of China consume virtually all of the veneer they produce, however, while about one-quarter of the total produced in Europe is re-exported (mainly to other European countries - see following chapter). EU production rose by nearly 29% to 390 000 m³ in 2000 (due to increases in Portugal and Italy) and remained

stable in 2001. Japan's production of tropical veneer fell by 13% to 70 000 m³ in 2000 and remained at this level in 2001. Japan's tropical veneer production has more than halved in the last five years as its tropical veneer and plywood industries have contracted together with log availability and the economy.



Consumption of veneer in the furniture and other secondary processing industries of ITTO member countries increased 14% in 2000 to just over 3.9 million m³. Consumption decreased by nearly 2% to 3.8 million m³ in 2001. Aggregate consumption of tropical veneer in consumer countries rose by 11% in 2000 to 1.7 million m³ where it remained in 2001. Figure 6 shows the major ITTO consumers of tropical veneer from 1999-2001. All these countries, except China and Italy, are ITTO producing members, a reversal from a few years ago when consumer countries dominated the list. China was ITTO's largest tropical veneer consumer in 2000, accounting for 22% of total ITTO veneer consumption. Of the countries in Figure 6, only Brazil and Italy had decreased tropical veneer production in 2001.

Plywood

Production of plywood in ITTO producing countries totalled almost 14 million m³ in 2000. Plywood production in producing countries increased by 1% in 2000 but decreased by nearly 6% in 2001. The main ITTO plywood producers in 1999-2001 are shown in Figure 7. Plywood production by Indonesia, by far the top ITTO producer, dropped by 4% from 1999 levels to 7.2 million m³ in 2000. Malaysia's plywood production on the other hand rose by 8% in 2000 to 4.4 million m³, before falling 12% to 3.9 million m³ in 2001. Both Malaysian and Indonesian plywood production has declined sharply in the last five years (by 12% and 20% respectively). The Asian region produced

12.4 million m³ of plywood in 2000 (about 89% of total producer member production), Latin America produced just under 1.3 million m³ (9%) and Africa produced 315 000 m³ (2%). The three regions consumed 29, 46 and 36% respectively of their production domestically in that year. 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.

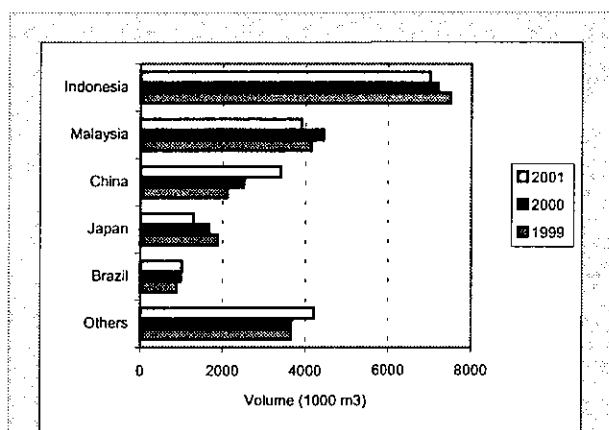


Figure 7. Major Tropical Plywood Producers

Production in China, the third largest producer of tropical plywood, increased by 19% to 2.5 million m³ as a result of a continuous increase in tropical log imports and a corresponding decrease in plywood imports. Chinese plywood production rose a further 36% to 3.4 million m³ in 2001. China has 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 small but growing export sector.

Tropical plywood production in Japan decreased by 12% in 2000, dropping a further 23% to less than 1.3 million m³ in 2001. Brazilian production increased by 11% to 980 000 m³, slightly increasing to 1 million m³ in 2001. Taiwan Province of China, Korea, France and India all produced at least 300 000 m³ of tropical plywood in 2000. After being hit by the Asian turmoil in 1999, Korea's plywood production decreased by a further 13% from 380 000 m³ in that year to 330 000 m³ in 2000. However, production remained stable in 2001 as Korea's construction market began to recover.

ITTO consuming countries produced 5.5 million m³ of plywood in 2000 (about 29% of total ITTO production), a 2.2% increase from 1999. ITTO consuming countries' production increased a further 5% to 5.8 million m³ in 2001,

led by the increases in Chinese production. Large declines in tropical plywood production were observed in Japan as mentioned above. Japan's production has more than halved in the last five years. Japanese domestic plywood production is now well below plywood imports, after 50 years of domestic production exceeding imports ended in 1995. 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. Several plywood manufacturers from Japan, Taiwan and elsewhere have established joint ventures for plywood and other panel production in producer countries.

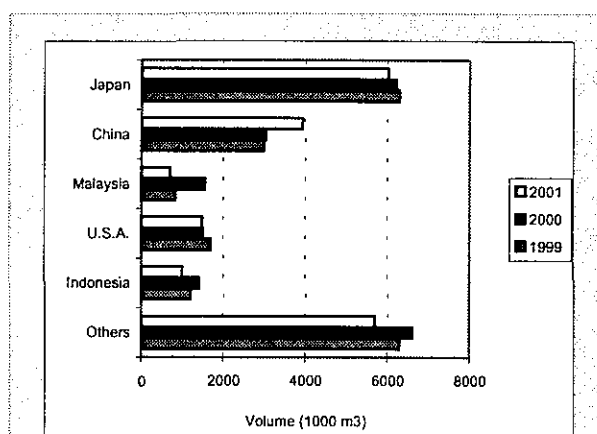


Figure 8. Major Tropical Plywood Consumers

Figure 8 shows the top ITTO consumers of tropical plywood for 1999-2001. Aggregate consumption in consumer countries rose nearly 2% to 15.3 million m³ in 2000. Japan's consumption decreased by 1% in 2000 and a further 10% to 5.6 million m³ in 2001. China's consumption increased by 2% in 2000 to slightly over 3 million m³ and increased a further 30% to 3.9 million m³ in 2001. 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. US consumption decreased by 11% in 2000 and by a further 2% to fall below 1.5 million m³ in 2001.

Aggregate consumption of plywood in producing countries rose by over 26% from about 3.4 million m³ in 1999 to 4.3 million m³ in 2000 (due largely to consumption increases in Malaysia and Indonesia). Consumption decreased sharply in 2001 to 3 million m³ due to declining production and increased exports, especially in Malaysia.

Substantial quantities of reconstituted panel products, particularly 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. Reconstituted panels are further discussed in the Secondary Processed Wood Products chapter.

Markets, Trade and Prices

This chapter focuses on developments in the markets for and trade of primary tropical timber products as well as an analysis of price trends for some of these products. The first section presents a brief overview of relevant tropical timber market developments in 2000 and 2001, based on responses to the JQ submitted by members, International Monetary Fund (IMF) forecasts and a review of other available literature. The following three sections report on the export, import and prices of each of the four primary tropical timber products 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 for important species of log, sawnwood and plywood products were updated to late 2001 using the ITTO Market Information Service (MIS) database and are contained in Appendix 4. Appendix 6 contains the Market Statement released in October 2001 by the ECE/FAO Timber Committee, providing an overview of developments in important markets for non-tropical primary timber products.

Market Developments

In late 2001, the IMF reported that global output (real GDP) grew by 4.7% in 2000, up from the 3.6% achieved in 1999. The IMF projected growth of 2.6% in the world economy in 2001, and 3.5% for 2002. The substantial improvement in growth in 2000 was due to stable or recovering economies in all major regions. In 2000, GDP of all developing countries grew by 5.8%, well above the 3.8% growth achieved in advanced economies, but much lower than the 8.2% 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 global recession in 2001 drove growth down, but output continued increasing more rapidly in developing countries (+4.3%) than advanced economies (+1.3%). The newly industrialized Asian economies were amongst the advanced economies hardest hit by the 2001 slowdown, with growth shrinking to only 1% due to reduced exports of high technology products. The IMF expects output in developing countries to grow by 5.3% in 2002,

versus 2.1% in advanced economies. Despite the economic trauma following the terrorist attacks in the USA in September 2001, it appears that the global slowdown that began in 2001 will be short-lived.

World trade volume (exports plus imports) recovered strongly in 2000, expanding by 12.4%, more than double 1999's 5.3% growth. Trade growth stalled in 2001, expanding by only 2.7%, only about a third of average growth over the past decade and half of that experienced during the 1980s. World trade is expected to grow by 5.2% in 2002 as the global economy recovers. Export growth in both developed (+11.5%) and developing (+15.1%) countries drove the growth in trade in 2000. The drop in world trade growth in 2001 was primarily due to slowing trade of developed countries, which dropped from the 11.5% growth rate of 2000 to only 1.7% in 2001. Developing country export growth dropped less severely, from 15.1% in 2000 to 5% in 2001. Average non-fuel primary commodity prices (US\$) rose 2.6% in 2000 (the first increase in 5 years) before declining by the same percentage in 2001 and increasing by a projected 4.5% in 2002. After remaining almost flat during the 1980's, average primary commodity prices dropped slightly during the past decade.

Many EU economies saw economic recovery in 2000, with an aggregate increase in real GDP of 3.4%, up from 2.7% in 1999. Economic growth was projected by the IMF to be 1.8% in 2001 and 2.2% in 2002. The German economy, affected by reunification and high unemployment for much of the 1990s, grew by a decade high 3% in 2000, up from 1.8% growth the previous year. German growth was projected to decrease to 0.8% in 2001 and 1.8% in 2002. German multi-family home starts declined 24% in 2000 while single family home starts decreased by 16%. The UK economy grew by 3.1% in 2000, with growth projected to decrease to 2% in 2001 before rebounding slightly to 2.4% in 2002. In France, GDP grew by 3.4% in 2000, but by only 2% in 2001 and 2.1% in 2002. Italy continued to experience the lowest GDP growth amongst EU countries in 2000 at 2.9%, although this was up from 1.6% in 1999. Italy's growth rate declined to 1.8% in 2001 and 2% in 2002. The slow growth in most European economies in 2001 was mainly due to the global

slowdown, although high unemployment (8.1% in EU countries in 2000, expected to fall to 7.7% by 2002) continued to affect the region as well.

In North America, the United States economy continued to surge in 2000, growing 4.1%, level with the growth rate achieved in 1999. Growth declined sharply to 1.3% in 2001 but is projected to recover to 2.2% in 2002. Unemployment in the USA is near record lows, falling to 4% in 2000 before slightly increasing to 4.7% in 2001. This has led to fears of increased inflation, which exceeded 3% for the first time in a decade in 2000 (3.4%) and 2001 (3.2%). The IMF inflation estimate for the USA in 2002 is 2.1%. Housing starts in the USA were down by 4% from the previous year to 1.57 million units in 2000. Despite the economic slowdown, this rose to 1.6 million in 2001 due to the 9 consecutive interest rate cuts made by the Federal Reserve in attempting to avoid recession.

The Japanese economy recovered slightly in 2000, with GDP growth of 1.5% after growing only 0.8% in 1999. This growth was due to relatively strong investment and export growth achieved in the high technology sector. 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 contraction projected at -0.5% in 2001 and growth of only 0.2% in 2002, by far the lowest of all developed economies. Prices have fallen by an annual average of 0.6% over the past decade, peaking at -1.7% in 2000. Unemployment has more than doubled since the early 1990s, reaching 5% in 2001 and a projected 5.6% in 2002. Housing starts in 2000 were up 1.3% from a year earlier, but still 25% below 1996 starts. Total 2000 housing starts were 1.23 million, of which 45% were wood-framed. Both total and wooden housing starts fell by 5% in 2001.

China's economy continued its rapid growth, expanding by 8% and 7.5% in 2000 and 2001 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 (still only 2% of all bank loans compared to 35% in Hong Kong S.A.R.) grew by 145% in 2000 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 as consumers became more educated.

Developing Asian countries have recovered from the 1998 economic crisis, with output growing by 6.8% in 2000, 5.8% in 2001 and a projected 6.2% in 2002. Developing Asia (excluding China and India) increased output by 5% in 2000 but growth dropped to 3.1% in 2001 as the region was affected by the global slowdown. Growth is expected to improve to 4.5% in 2002. African (sub-Saharan, excluding Nigeria and South Africa) growth was slower at 2.8% in 2000 but should rise to 5% in 2002 due to improvement in public finances, competitiveness and security conditions in several countries. In spite of the strong recovery to 4.2% growth in 2000 (from almost nil in 1999), Latin America's GDP growth fell to 1.7% in 2001 as countries like Mexico, Chile, Brazil, and particularly Argentina struggled with political and economic uncertainties. Most Latin American economies are expected to recover in 2002, with regional growth projected at 3.6%, although Argentina's on-going banking crisis may depress this projection.

Trade

The direction of trade tables for 2000 in Appendix 2 were derived from responses to the 2001 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 1999 and 2000 import and export 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 (italicized) 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 1999-2001 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 2001. Only Africa continues to export a higher volume equivalent of logs than processed products, with log exports making up 38% of log production and 53% of total roundwood equivalent export volume in 2000. 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 26% of total Asian export volume in 2000 (14% 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 increased from 12% to 13% in Latin America from 52% to 53% in Asia and from 69% to 72% in Africa. Total ITTO producer member exports (rwe) increased by 7% from 52.7 million m³ to 56.2 million m³ in 1999-2001, due to the recovery of African and Asian log exports and increased sawnwood exports by all three regions.

Logs

Figure 9 shows the major ITTO tropical log exporters in 1999-2001, ranked by 2000 export volume. Total ITTO producer member exports were just over 16.1 million m³ in 2000. Log exports by producer members decreased by 11% in 2001 to 14.4 million m³. Malaysia continues to dominate the trade in tropical logs with 6.5 million m³ exported in 2000, constituting 40% of ITTO producer member exports. Malaysia's log trade in 2000 decreased in volume by 3% from 1999 levels and remained stable in 2001. Appendix 2 (Table 2-1) shows that Malaysia's major log customers are all in Asia, with China (including Taiwan Province of China), Japan and India accounting for 82% of the reported log export volume in 2000.

Table 3. Composition of Exports by Producing Regions, 1999-2000 (1000 m³ rwe)

Region	Log Production			Log Exports			Processed Exports			Total Exports		
	1999	2000	2001	1999	2000	2001	1999	2000	2001	1999	2000	2001
Africa	12 174	13 286	12 554	4 540	5 043	4 244	3 910	4 470	4 831	8 450	9 513	9 075
Asia-Pacific	78 425	79 864	79 852	9 908	10 830	9 982	30 644	31 061	32 640	40 552	41 890	42 622
Latin America	32 267	32 521	33 388	227	224	178	3 509	4 112	4 308	3 736	4 336	4 485
Total	122 865	125 671	125 794	14 675	16 097	14 404	38 063	39 643	41 778	52 738	55 740	56 182

Note: Totals may not sum exactly due to rounding.

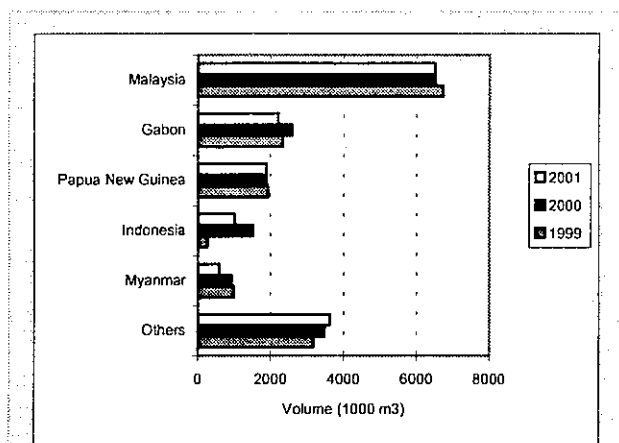


Figure 9. Major Tropical Log Exporters

Papua New Guinea is the third largest tropical log exporter, with 2000 exports of almost 1.9 million m³, down by 2% from 1999 levels. PNG's log exports remain far below the pre-Asian crisis levels of almost 3 million m³ per year. Appendix 2 shows that the bulk of PNG's log exports (59% in 2000) go to Japan and the Republic of Korea, with the Chinese market growing rapidly to about 41% of PNG's exports in 2000, mainly in lower grades. Log exports by Myanmar (the fifth largest log exporter at 927 000 m³) decreased by 5% in 2000. 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 second largest – Figure 9), but Republic of Congo, Liberia, Cameroon, Central African Republic and Côte d'Ivoire also exported substantial quantities of logs in 2000 (Appendices 1 and 2). Gabon's exports increased by 11% in 2000 as trade with China increased. Gabon's exports fell 15% to under 2.2 million m³ in 2001. Cameroon imposed limitations on some species of log exports in 1999, leading its exports to plunge by 38% in 2000 and a further 40% in 2001 to under 381 000 m³. Ghana, a former top exporter, has banned exports of tropical hardwood logs since 1996. 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. Liberia's exports jumped by 206% in 2000 (Appendix 1), with most of these logs destined for Europe.

Following IMF guidance, Indonesia resumed log exports in 1999 after a 13-year moratorium. Log exports in 2000 were estimated at 1.5 million m³ based on trading partner reports, mostly destined for Malaysia and China. Malaysia alone reported imports of 623 000 m³ of Indonesian logs in 2000 compared to 0 m³ reported by Indonesia, while China's reported imports (nearly 618 000 m³) were almost one hundred times greater than the level reported by Indonesian customs authorities, supporting the claims of many observers that substantial undocumented Indonesian log exports exist. Indonesia announced in late 2000 that it would re-implement its log export ban to attempt to reduce illegal exports and to ensure sufficient log supplies for domestic mills.

Exports of tropical logs by consumer countries increased by 6% to 872 000 m³ in 2000, 78% of which was accounted for by 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 re-exports (value or destination). Consumer country exports of tropical logs declined by almost 9% to 797 000 m³ in 2001.

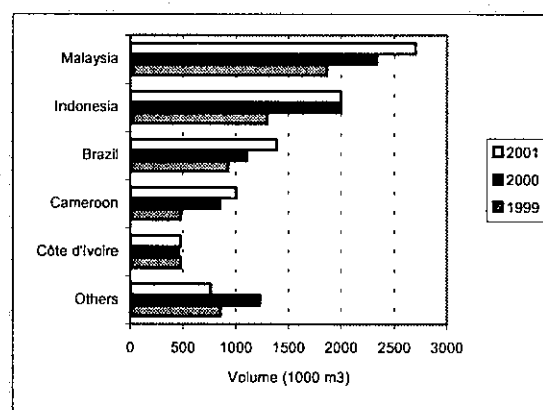


Figure 10. Major Tropical Sawnwood Exporters

Sawnwood

Figure 10 shows the major ITTO tropical sawnwood exporters in 1999-2001, ranked by 2000 export volume. ITTO producers exported a total of almost 8 million m³ of tropical sawnwood in 2000, up 32% from 1999, the large 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 2.3 million m³ exported in 2000 constituting 30% of total ITTO

producer member exports. Malaysia's sawnwood trade rose by 16% in 2000 as its major markets of Thailand and Japan recovered. Appendix 2 (Table 2-2) shows that Malaysia's other major sawnwood customers in 2000 were the Netherlands, the Republic of 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 Japan in 2000 (Appendix 2).

Indonesian exports of sawnwood rose sharply by 54% to 2 million m³ in 2000. Indonesia's major sawnwood market is China, but its reported trade with China in 2000 was far smaller than China's report (Appendix 2). As noted above, in the absence of reliable trade figures from Indonesia for 2000, sawnwood export figures have been revised to correspond more closely to trading partner reports. Cameroon's exports have also grown sharply, by 79% in 2000 and a further 18% in 2001, reaching 1 million m³ as mills processed logs banned from export. Sawnwood exports for the top five exporters increased or remained stable in 2001. In addition to the countries in Figure 10, Thailand and Ghana both exported over 200 000 m³ of tropical sawnwood in 2000 and 2001.

ITTO consumer countries exported 529 000 m³ of tropical sawnwood in 2000, primarily (78%) from the EU countries. EU exports of tropical sawnwood increased from 208 000 m³ in 1997 to 415 000 m³ in 2000. Belgium, a larger tropical sawnwood exporter than most producing countries, is the main EU tropical sawnwood exporter at 207 000 m³ in 2000. Belgium was the biggest ITTO consumer country tropical sawnwood exporter in 2000 followed by the USA (67 000 m³) and the Netherlands (66 000 m³). Total consumer country exports of tropical sawnwood fell to 494 000 m³ in 2001.

Veneer

Figure 11 shows the top ITTO tropical veneer exporters in 1999-2001, ranked in order of 2000 export volume. Total ITTO producing member exports were stable at just under 1.6 million m³ in 2000. ITTO producer country veneer exports dropped 8% in 2001 to 1.4 million m³. Malaysia continues to be ITTO's dominant veneer exporter, with exports of 1 million m³ in 2000 accounting for 67% 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.

Côte d'Ivoire was the second largest tropical veneer exporter in 2000 at 113 000 m³, a decrease of 26% from 1999 exports. Côte d'Ivoire's veneer markets are the EU (mainly Germany, Italy, Spain and France) and the USA. Ghana overtook Gabon as the third largest ITTO tropical veneer exporter with exports growing steadily to 111 000 m³ in 2000. Cameroon's veneer exports increased by 48% to 70 000 m³ in 2000, mainly due to mills established to take advantage of the country's domestic processing initiative.

The EU accounted for 99 000 m³ of total consumer country tropical veneer exports of 111 000 m³ in 2000, with 2001 levels of EU exports rising to 107 000 m³. France, Belgium, Spain, Germany and the Netherlands are the largest EU tropical veneer exporters. Appendices 1 and 3 show that consumer country exports of tropical veneer are often of much higher value than those from producer countries. Total exports by ITTO consumer countries increased to 121 000 m³ in 2001.

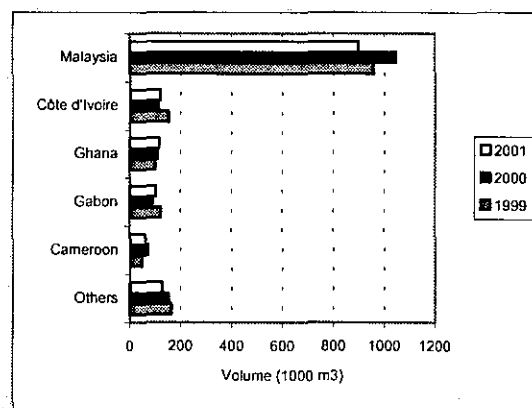


Figure 11. Major Tropical Veneer Exporters

Plywood

Figure 12 shows the major ITTO tropical plywood exporters in 1999-2001. In 2000, ITTO producer exports declined 7.7% to 9.7 million m³, the only tropical timber product not showing a recovery from depressed 1999 export levels. Tropical plywood exports by producers increased in 2001 to slightly over 10 million m³, still less than the amount exported in 1998. Indonesia continues to dominate the trade in tropical plywood with the 5.8 million m³ exported in 2000 constituting 60% of total ITTO producer member exports, although this is down from 84% in 1992.

Indonesia's exports were estimated to have increased slightly in 2001 to 6 million m³.

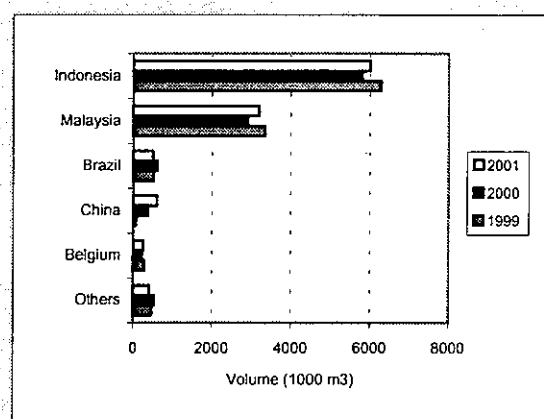


Figure 12. Major Tropical Plywood Exporters

Malaysia is Indonesia's major competitor in the tropical plywood trade. Malaysian exports decreased by 14% to 2.9 million m³ in 2000, but increased to 3.2 million m³ in 2001. 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 m³) was due to the construction of new plywood mills in Sabah and Sarawak to process formerly exported veneer logs; the two eastern Malaysian states account for almost all of the country's plywood exports. Malaysia's exports are now mainly to Japan, Korea and the USA. Latin American plywood exports increased 19% in 2000 to 717 000 m³ due to a 20% jump in Brazil's exports to 611 000 m³. Brazil's tropical plywood exports decreased to 493 000 m³ in 2001. 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 202 000 m³ in 2000 but have grown rapidly in the past 5 years due to new mills in Cameroon and Gabon.

Although tropical plywood exports from the EU dropped 15% in 2000, ITTO consumer country exports increased by 31% to 978 000 m³ (slightly more than half from the EU) due to China's sharp increase of 472% to 365 000 m³. China's boom in tropical plywood exports to countries like the UK 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 29% to almost 1.3 million m³ in 2001.

Imports

Table 4 provides an overview of the dependence of major ITTO importers on tropical wood products in 2000. Major importers are defined here as those with imports of at least 100 000 m³ 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 and Taiwan Province of China qualify as major importers of tropical timber under this criterion in all primary product categories. Of the ITTO consumer members in Table 4, China and Taiwan Province of China appear to be the most dependent on tropical imports, with a significant proportion of their substantial log, 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 the Republic of Korea, Japan and China dependent on tropical sources for over 90% of total imports (although this dependence is decreasing). Tropical sawnwood has a low market share in most non-tropical countries, with only China dependent on it for half or more 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 2000. 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.

Logs

Total imports of tropical hardwood logs by ITTO members rose 10% to 18.1 million m³ in 2000, about 6% (or 1.1 million m³) greater than total log exports by all members. The gap between reported imports and exports in 2001 increased to 16% (about 2.9 million m³) indicating greater pressure on non-ITTO members, forecasting errors or (most likely) a combination of these. Differences between reported ITTO imports and exports is made up by legitimate log exports from

Table 4. Tropical Proportion of Total Imports by Major ITTO Importers, 2000

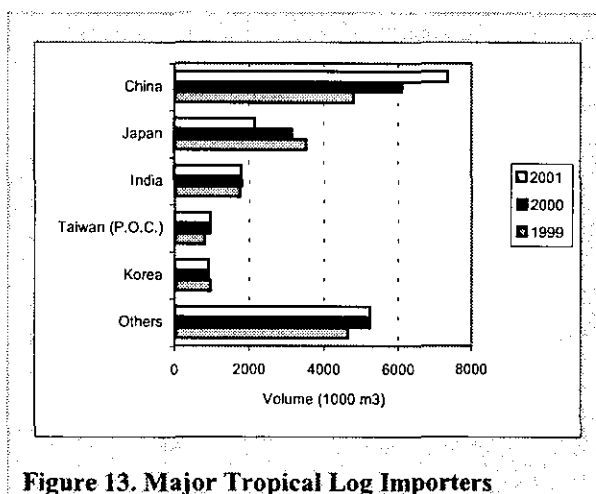
Consumer Members	Proportion (%)			
	Logs	Sawnwood	Veneer	Plywood
Belgium	2.1	15.9	37.9	62.5
China	46.3	54.5	90.9	90.1
France	39.4	11.7	33.2	38.5
Germany	4.9	2.7	27.4	20.4
Hong Kong, S.A.R.	63.9	17.3	16.3	73.5
Italy	7.2	3.4	32.6	13.5
Japan	19.7	6.9	40.8	90.5
Netherlands	23.8	12.7	10.9	38.7
Portugal	37.4	18.4	25.0	13.8
Rep. of Korea	13.5	31.6	68.3	90.8
Spain	4.3	13.7	42.4	8.9
Taiwan, P.O.C.	76.0	18.4	86.1	85.1
UK	22.5	4.1	29.3	50.9
USA	0.0	0.7	6.3	62.6
Producer Members				
Brazil	53.3	98.6	73.7	45.7
India	86.5	6.9	26.0	41.1
Malaysia	94.7	99.0	5.0	71.4
Philippines	58.3	74.7	89.2	74.9
Thailand	86.1	81.7	80.1	2.2

Equatorial Guinea and the Solomon Islands, with exports averaging about 400 000 m³ per year each.

Other non-member tropical log exporters are less significant and include Bangladesh (average annual exports around 100 000 m³), Laos (80 000 m³), Mozambique (50 000 m³), Madagascar (40 000 m³) and Viet Nam (30 000 m³), plus unrecorded or under-reported exports from both members and non-members.

Figure 13 shows the top ITTO tropical log importers in 1999-2001, ranked by import volume in 2000. China overtook Japan in 1999 as the world's largest importer of tropical logs and maintained this position in 2000 when it imported about 6.1 million m³ (up 27% from 1999). China's growing economy, a ban on domestic harvesting and a zero tariff on log imports were the main driving factors for this sharp rise. China's imports leapt another 20% in 2001 to 7.3 million m³ consolidating it as ITTO's largest tropical log importer with over 40% of total ITTO imports. China's tropical log imports have soared more than five-fold in the last five years, with Malaysia, Gabon, PNG and Indonesia the main sources. Official Chinese statistics do not include Taiwan Province of China nor Hong Kong and Macao S.A.R.s, so the figures used here for these China's import of non-tropical logs has also expanded rapidly, with Russia providing the bulk of an estimated 7 million m³ in 2001. If China's importers are based on other available sources or

estimates, log imports continue to grow as expected, it will soon replace Japan as the world's top log importer, regardless of source.

**Figure 13. Major Tropical Log Importers**

Japan is the second largest ITTO tropical log importer, with imports of just over 3.1 million m³ in 2000, down 11% from 1999 levels. Japanese demand for tropical logs continued to be met primarily (69%) by output from Malaysia in 2000. Japan imported 719 000 m³ of logs from Papua New Guinea and nearly 46 000 m³ from Africa (mainly Gabon and Cameroon) in 2000. Japanese tropical log imports fell by 32% in 2001 due to its contracting economy, reduced supplies from Malaysia and an increasing reliance on softwood logs. Russia continued as Japan's major log supplier, with imports of over 5 million m³ in 2000. Larch is the preferred species for plywood

manufacture, and with prices below those of the cheapest tropical logs, it appears likely to gain further market share.

India is the third largest importer of tropical logs, at 1.8 million m³ in 2000 (up 3% from 1999), mostly from Malaysia and Myanmar but with an increasing component of African logs. As India supplied no data to ITTO, and since only 1999 data was reported by India's customs officials to COMTRADE, estimates have been based on reports of trading partners.

The Republic of Korea is also a major ITTO log importer, absorbing almost 912 000 m³ in 2000 (down 6% from 1999), from PNG (35%) and Malaysia (35% of total imports, down from 71% in 1994). Korea's imports remained stable in 2001 as its economy continued recovering. Korea's imports of logs from Africa were 251 000 m³ in 1995, but the ban on exports from Ghana (Korea's main African supplier in that year) led to a sharp drop in imports from that continent. Korea's current main African suppliers are Gabon and Cameroon, from which it imported a combined total of only 17 000 m³ in 2000. A significant portion of Korea's "other" tropical log supply is sourced from the Solomon Islands, which provided almost 133 000 m³ of logs in 2000.

The EU countries imported 2.6 million m³ of tropical logs in 2000, most of which came from African producers. European log imports rose 10% in 2000. France remains the largest of the EU log importers; its imports increased by 3% in 2000 to 822 000 m³ and remained at this level in 2001. The bulk of France's tropical log supplies come from Gabon, Republic of Congo, Liberia and Cameroon (Appendix 2). Portugal and Italy are also major European log importers, each with over 410 000 m³ of log imports in 2000. European log imports decreased 5% in 2001 to just over 2.4 million m³.

Several ITTO producing countries have become major importers of logs, indicating the extent of wood shortages in their domestic forest sectors. India (see above), Malaysia (718 000 m³), Thailand (614 000 m³), and the Philippines (341 000 m³) were the major ITTO producer country importers of tropical logs in 2000, reflecting resource scarcity and increased timber demand in these countries. Total imports of tropical logs by ITTO producing members rose by

13% to 3.7 million m³ in 2000, but fell by 4% to just over 3.5 million m³ in 2001.

Sawnwood

Total ITTO imports of tropical sawnwood increased 5% to almost 8.5 million m³ in 2000 but fell by 1.1% to 8.4 million m³ in 2001. Figure 14 shows the major ITTO sawnwood importers in 1999-2001, ranked by 2000 import volume. With 2000 imports of nearly 2 million m³, China is by far the top ITTO sawnwood importer. China's imports surged 35% in 2000 and a further 6% in 2001. China's tropical sawnwood imports are mainly from Indonesia (47%) and Malaysia (25%). China's and Taiwan P.O.C.'s combined imports accounted for 34% of ITTO consumer imports in 2000. Thailand imported 928 000 m³ (up 23%) in 2000 as its large furniture and secondary processing industries continued to recover. Thai imports recovered a further 20% to over 1.1 million m³ in 2001. Both Thailand's and Japan's tropical sawnwood imports are primarily from Malaysia (69% and 49%, respectively). Japan also imported substantial quantities of sawnwood from Indonesia (39%) in 2000 (Appendix 2). Japan remained ITTO's third largest tropical sawnwood importer in 2000 as its imports increased by 4% to 687 000 m³. However, Japanese imports decreased 12% to 605 000 m³ in 2001. Japanese imports of tropical sawnwood have fallen almost in half since 1996, while its imports of softwood lumber (primarily from Canada and increasingly Scandinavia) remained at over 8 million m³ in 2000 and 2001.

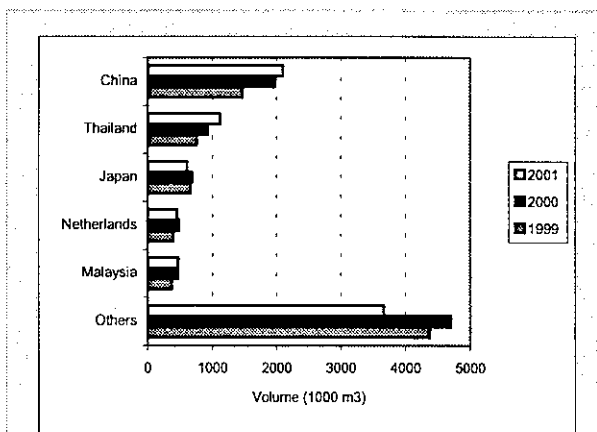


Figure 14. Major Tropical Sawnwood Importers

The Netherlands, Malaysia, Spain, Belgium, France, the USA, the UK and Taiwan Province of China, each with over 300 000 m³ of sawnwood imports in 2000, were also major importers, as shown by Figure 14 and Appendix 1. Imports by The Netherlands, Belgium, the UK and Taiwan

Province of China were primarily from Malaysia and (to a lesser extent) Indonesia while Malaysia's were from Indonesia, although no corresponding trade flow was reported by Indonesia. As the size of the bar for "Others" in Figure 14 indicates, the tropical sawnwood market is the most diversified of all primary tropical timber products, with the five largest importers accounting for only half of total ITTO imports in 2000.

Total tropical sawnwood imports by EU countries rose by almost 19% in 2000 to 2.8 million m³, due primarily to increased import in the Netherlands, Belgium, France and the UK. As stated above, 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 11% in 2001 to 2.5 million m³ due to declines in Belgium, Spain, France and the UK. The Netherlands is the largest importer of tropical sawnwood in the EU, absorbing 471 000 m³ in 2000 (up 22% from 1999) and 450 000 m³ in 2001. Spain (443 000 m³), Belgium (402 000 m³) France (393 000 m³) and the U.K. (328 000 m³) were other major EU tropical sawnwood importers in 2000. All these countries decreased their imports of tropical sawnwood in 2001.

Veneer

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 panel products and veneer is a priority if improvements in the accuracy of these statistics are to be achieved.

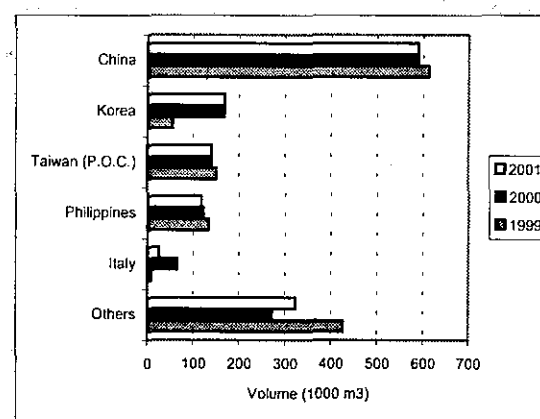


Figure 15. Major Tropical Veneer Importers

Figure 15 shows the major ITTO veneer importers for 1999-2001. Total ITTO imports of tropical veneer were stable at almost 1.4 million m³ in 2000. China and Taiwan Province of China decreased tropical veneer imports by 4% and 7% respectively in 2000. With imports remaining stable (at 589 000 m³ and 140 000 m³ respectively) in 2001 for both. Korea's 205% surge in imports in 2000 (to 168 000 m³) was due to increased imports from Malaysia. Figure 15 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 252 000 and 237 000 m³ of tropical veneer in 2000 and 2001, around one-fifth of total ITTO imports in both years. Japan imported 48 000 m³ of tropical veneer in 2000, 10% less than in 1999. Japan's tropical veneer imports decreased by another 6% to 45 000 m³ in 2001. ITTO tropical veneer imports remained stable at almost 1.4 million m³ in 2001.

Plywood

Figure 16 shows the major ITTO plywood importers for 1999-2001, ranked by import volume in 2000. Total ITTO imports of tropical plywood rose by 3% to 10.8 million m³ in 2000, due partially to a 24% increase in Korean demand. Imports decreased by over 5% in 2001 to 10.2 million m³.

The majority of all tropical plywood imports are sourced from Indonesia and Malaysia (60% and 39% respectively in 2000 for the top importer, Japan). Japan continues to replace domestic hardwood plywood production with softwoods, imported plywood (tropical and non-tropical) and

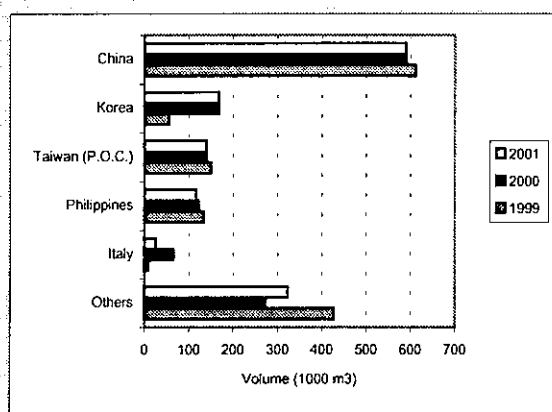


Figure 16. Major Tropical Plywood Importers

substitutes like OSB and MDF. Its tropical imports decreased slightly by 1% in 2001, to 4.5 million m³, due to its flat construction sector. The general trend toward increasing plywood imports by Japan is at least partially due to its difficulty in obtaining tropical logs for domestic production in the face of competition from China. Low prices (see next section) also made imported plywood more attractive than domestic production in 2000-2001. As noted above, 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 2000, with just over 1.5 million m³, a drop of 11% from 1999 levels. The USA received 43% of this plywood from Indonesia, 23% from Malaysia and most of the rest from Latin America. USA imports declined another 2% in 2001. China, with 902 000 m³ in 2000 was ITTO's third largest tropical plywood importer. China's imports dropped 5% in 2000 and a further 33% in 2001. Chinese imports have more than halved 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.

EU imports of tropical plywood totalled just under 1.7 million m³ in 2000, a 3% increase from 1999 levels. EU imports are led by the UK 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 its largest plywood importer, the

UK. European imports of tropical plywood dropped by 7% to 1.6 million m³ in 2001 due to declines in the UK, the Netherlands and Germany.

The Republic of Korea (890 000 m³) and Taiwan Province of China (530 000 m³) were also substantial tropical plywood importers in 2000. Korean tropical plywood imports rebounded back to 1997 levels in 2000 and remained stable in 2001 as its construction sector recovered. Indonesia has traditionally supplied most of Korea's plywood imports, but Malaysia has gradually increased its share from 18% in 1995 to 34% in 2000.

Prices

Export price trends through late 2001 for several important tropical log and sawnwood species and various grades and thicknesses of plywood from each exporting region are contained in Appendix 4. These were prepared based on the nominal prices reported biweekly by the ITTO/International Trade Center Market News Service (MNS) from 1990 until the end of 1995, and by the ITTO Market Information Service (MIS) from then onwards. The nominal price series were converted to real US dollars (1990 = 100) using IMF exchange rate series and the World Bank G5 Manufacturing Unit Value (MUV) inflation index for calculating real commodity prices. Both nominal (normal lines) and real (bold lines) price trends are given in Appendix 4. It should be noted that real prices for the products portrayed here have changed dramatically compared to those presented in earlier issues of the Annual Review, following a substantial revision of the MUV index by the World Bank. A shift to new sources of data by the World Bank resulted in changes to the MUV over the 1975-2000 period. In particular, the MUV index for the 1998-2001 period is now less than that for 1990, the base year. As a result of this, the real price series shown in Appendix 4 become greater than nominal prices from 1998.

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.

For logs and sawnwood, unless otherwise indicated, the values employed reflect FOB (free on board, port of origin) prices. Price trends are aggregated by the most frequently traded grades for a given species across countries within a region (when more than one country exported a given species) and across size and grade categories where these exist, for each period reported. The data reported to ITTO sometimes consists of high and low prices within grades for major species. These were averaged to create a single price trend for all species charted. For plywood, the values from producer countries are FOB, while the graphs for the three major categories of plywood imported by Japan from Indonesia are C&F (cost and freight). The charts shown in Appendix 4 indicate recent trends in regional prices, and are included due to the importance of the price factor in tropical timber markets. The price figures are indicative only of trends during the period under review; actual prices paid by merchants or received by producers may vary considerably with quantity traded, specifications, port of shipment and quality within grade. Up-to-date price data can be obtained from ITTO's MIS.

Average prices for species/products traded in 1999-2000 are also included in Appendix 3 for those countries that provided this data in the 2001 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 1999-2000. 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.

Logs

Appendix 4 shows indicative real and nominal FOB price trends for two species of African and

five species of 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). Real FOB prices for most important species of African log exports, in general, were declining but fluctuated widely during the 2000-2001 period. Real prices of n'gollon (acajou) and sapelli rose gradually in the last half of 2000 after the introduction of an export ban by Cameroon on logs of sapelli, iroko, sipo and other valuable species in mid-1999 began to take effect. Having followed an upward trend since mid-1999, real prices for n'gollon peaked in mid-2000 at around \$260/m³ (\$254/m³ nominal) before declining sharply during most of the last half of 2000. In late 2000, n'gollon prices were at \$190/m³ (\$185/m³ nominal), a record low over the past decade, due mainly to a weakening of the French franc and the euro compared to the US dollar. From December 2000, n'gollon prices rose gradually during the first quarter and firmed at around \$222/m³ (\$207/m³ nominal) before declining sharply again during the second quarter to \$187/m³ (\$174/m³ nominal), a new record low due to lower demand in France and a perception in the European markets of high stocks in log yards. N'gollon real prices remained relatively stable at this level to the end of 2001. After peaking at \$317/m³ (\$309/m³ nominal) in early 2000 due to the log export ban, real prices for sapelli also declined sharply during most of the year to \$256/m³ (\$249/m³ nominal) in November 2000, close to the lowest prices for this species over the past decade. Sapelli prices rose gradually through the first quarter of 2001, firmed around \$304/m³ (\$275/m³ nominal) and fluctuated around that level during the second and third quarter of 2001. Sapelli prices dropped steeply at the end of 2001 to around \$230 (real) due to depressed demand in Europe.

The graphs in Appendix 4 show that after the sharp drop during the Asian crisis of 1997 and 1998, most species of Asian logs have been recovering slowly but steadily. Most have traded at real prices between \$120 and \$160/m³ from the end of 1998 through 2000, still a long way from 1996-97 price levels. Kapur and keruing log prices rose slightly in 2000 and firmed at \$151/m³ (\$148/m³ nominal) and \$157/m³ (\$153/m³ nominal), respectively, in the last quarter of 2000. Kapur and keruing prices were relatively stable in 2001, trading at around \$156/m³ (\$145/m³ nominal) and \$159/m³ (\$148/m³ nominal) at the close of the year. Real FOB prices for selangan

batu and meranti logs showed a different trend in late 2000 and throughout 2001. These species were trading at \$177/m³ (\$173/m³ nominal) and \$164/m³ (\$160/m³ nominal) in the third quarter of 2000, when export markets (particularly China) increased orders, but declined steadily from the last quarter of 2000 and were trading at only \$156/m³ (\$145/m³ nominal, selangan batu) and \$140/m³ (\$130/m³ nominal, meranti) in late 2001. The price declines in these species were due to competition with cheaper softwood logs, primarily in China and Japan.

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-1 and SG-2 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 were rising steadily through 1999, particularly 4th and SG-1 grades. Real FOB prices for 4th grade teak were generally increasing through 2000 and the first half of 2001 due to a strong demand for furniture and other joinery products in European, Japanese and Thai markets. Prices reached \$2263/m³ (\$2103/m³ nominal) in mid-2001. Export supply of this grade remained tight in 2000 and 2001 due to increased local processing which created the upward pressure on prices. Further price increases for 4th grade teak have been prevented by the weak economic situation in Japan and the strong US dollar, with prices softening in the third quarter of 2001 before recovering to over \$2100 at the end of the year. Prices for SG-1 grade teak were comparatively more volatile in 2000 and 2001 than prices for the lower quality SG-2 grade teak. SG-1 grade teak prices declined sharply in the second quarter of 2001, while SG-1 grades were stable or rising due to stronger demand for lower and cheaper grades, such as Assorted Quality. SG-1 and SG-2 grades were being traded at prices of \$1317/m³ (\$1224/m³ nominal) and \$1042/m³ (\$969/m³ nominal) in late 2001. Demand and prices for all teak grades are expected to remain firm due to the popularity of this species in many markets.

Appendix 4 also shows domestic price trends of Malaysian rubberwood logs from early 1996. Virtually all of Malaysia's rubberwood resources are directed to local wood manufacturing and the country's fast growing furniture exports. Rubberwood log prices declined sharply during

the second half of 1997 due to the Asian economic turmoil and stabilised around \$23/m³ for most of 1998. Rubberwood log prices started to recover steadily from January 1999 because of a supply shortage, which had prompted a ban on the export of sawn rubberwood in 1998 in order to ensure supplies to local manufacturers. In July 1999, rubberwood logs were trading at \$31/m³ and remained at that level with minor fluctuations until July 2000, when they rose sharply to \$35/m³ (\$34/m³ nominal), equalling pre-crisis levels. Prices remained at this level for most of the second half of 2000 before dropping sharply during the first quarter of 2001 as increased volumes became available. Due to relaxation of the sawn rubberwood export ban and consequent higher log demand, prices for Malaysian rubberwood logs had firmed to around \$33/m³ (\$31/m³ nominal) by the end of 2001.

Sawnwood

Real and nominal sawnwood price trends (FOB) for two Ghanaian species, two Malaysian species and three Brazilian species are included in Appendix 4. African sawnwood prices were declining for several important species including mahogany (acajou) and wawa (obeche) in 2000-2001. After peaking at a record high of \$634/m³ (\$617/m³ nominal) in April 2000 due to a boost in EU furniture sector imports, real prices for mahogany (one of the most valuable African sawnwood export species) were declining for most of 2000, reaching \$538/m³ (\$524/m³ nominal) by year-end. Mahogany sawnwood prices surged in the first quarter of 2001 to \$543/m³ (\$505/m³ nominal) due to a 10% tax on Ghana's sawnwood exports, but declined sharply throughout the rest of 2001 due to uncertainties about the impact of the slowdown in USA on the European economy. Mahogany sawnwood was trading at \$456/m³ (\$424/m³ nominal) in late 2001.

The sharp increases in prices shown in the chart for wawa sawnwood in 1997 may be partially due to differences in grade definitions used by the MIS from 1996 and by the MNS prior to that. After a period of relative stability, prices of wawa rose slightly in the second half of 1999 and early 2000 to reach \$330/m³ (\$322/m³ nominal) but declined gradually to \$258/m³ (\$252/m³ nominal) in late 2000 as competition from lower-priced Asian sawnwood, temperate hardwoods and softwoods increased. Wawa sawnwood prices surged in the first quarter of 2001 to \$295/m³

(\$275/m³ nominal) before declining to around \$235/m³ (\$218/m³ nominal) in late 2001.

After reaching record highs in 1994, declining through 1995, firming in 1996 and then falling sharply in the second half of 1997 and first half of 1998 (during the Asian economic turmoil), prices of dark red meranti sawnwood and seraya scantlings firmed at around \$416-426/m³ (\$405-415/m³ nominal) and \$557-567/m³ (\$543-550/m³ nominal) until the end of 2000. Prices of both these species of Malaysian sawnwood declined steadily throughout 2001 due to market uncertainty and competition in some importing countries with increased sawnwood supply from Africa (mainly Cameroon). These species were trading at \$409/m³ (\$380/m³ nominal, meranti) and \$530/m³ (\$492/m³ nominal, seraya) at year-end. Dark red meranti prices reached a 12 year low at the end of 2001.

Appendix 4 shows real price trends for two Latin American tropical sawnwood species, as well as for Brazilian plantation pine. Mahogany and jatoba sawnwood prices have been rising or stable since 1995. Mahogany prices have risen steadily since 1998 as a result of greater demand in the major markets of the USA and Europe and a total ban on logging, processing and trading of this valuable species in Para State of Brazil imposed by IBAMA in 1998. The reason for the ban, which has since been extended as a moratorium on new concessions to Brazil's entire Amazon, was the identification of serious illegal logging in this region. Mahogany sawnwood was trading in late 2001 at \$1420/m³ (\$1320/m³ nominal), a record high, and is expected to increase further in 2002. Jatoba sawnwood prices also showed a strong upward trend during the latter part of 1999 and 2000, rising to 721/m³ (\$670/m³ nominal) by December 2000 and remaining relatively stable at this level for most of 2001. Jatoba prices dipped at the end of 2001, however, to around \$660/m³ (\$610/m³ nominal). Brazilian producers are looking for new tropical sawnwood markets in Asia and elsewhere in order to reduce their dependence on the USA market which weakened considerably in 2001. Prices of Brazilian tropical sawnwood are expected to continue rising as producers are working at the limit of their capacity to cope with existing demand and as IBAMA has extended the mahogany moratorium to at least August 2002.

The graph for Brazilian pine is included to allow comparison of prices for coniferous species with

those of tropical hardwoods. Prices for Brazilian pine sawnwood are FOB first and seconds for the USA market until March 1999 and FOB first and seconds for the UK market from thereafter as Europe overtook the USA as the main market for Brazilian pine in 1999. Pine prices in the two markets do not differ significantly and grades are basically the same. Prices of Brazilian pine sawnwood were relatively stable in the first half of 2000 at around \$154/m³ (\$150/m³ nominal), before declining steadily in the second half of 2000 and first quarter of 2001 to \$132/m³ (\$123/m³ nominal) in April 2001, a new low since prices have been recorded by the MIS. Brazilian sawn pine prices stayed at this level with minor fluctuations until late 2000. Prices for Brazilian pine sawnwood remain low mostly as a result of low prices in the export market for value added pine products such as clear blocks, blanks and mouldings.

Veneer

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.

Plywood

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 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 2001 have also been included, based on data published regularly by Japan Lumber Reports.

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, in general, have been declining since 1996. For Asian plywood, this discussion focuses on Indonesian prices, with which Malaysian prices are closely correlated. After reaching record highs in 1996, declining

through 1997 and the first half of 1998, and firming slightly in the second half of 1998 and 1999, prices of Indonesian BB/CC moisture resistant (MR) plywood stabilised in early 2000 at about \$388/m³ (\$378/m³ nominal), \$316/m³ (\$308/m³ nominal) and \$203/m³ (\$198/m³ nominal) for 2.7 mm, 3 mm and 6-18 mm thicknesses, respectively. This stabilization was helped by a stronger yen and an active demand for thin plywood in China. Indonesian plywood export prices started declining steadily from mid-2000 and were trading at around \$221/m³, \$202/m³ and \$159/m³ for the above thicknesses, respectively, in late 2001, record lows for these products. These real price levels were only about 45-50% of the highs observed in 1996. Asian plywood prices have not recovered due to flat construction sectors in Japan and other Southeast Asian consumers as well as in Germany; a recent change of import tariff structures in China, which favours log over plywood imports; increasing substitution by softwood plywood in many consuming countries; and strong competition from other wood-based panels.

Brazilian plywood prices have also undergone significant declines but not as dramatic or consistent as their Asian competitors. Prices of white virola (15mm), the most valuable Brazilian plywood export species, were relatively stable between \$271-291/m³ (\$270-290/m³ nominal) between late 1998 and 1999. Virola plywood prices dropped to \$236/m³ (\$230/m³ nominal) in early 2000 and remained at that level for most of the year, despite volume shortages caused by the closure of some virola plywood mills in the Amazon. Prices of white virola rebounded in late 2000 to \$248/m³ (\$242/m³ nominal) as volume shortages took effect, and rose slowly through most of 2001, before declining to \$231/m³ (\$215/m³ nominal) in late 2001. Prices for Brazilian pine plywood (15mm), 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 \$274/m³ (\$273/m³ nominal). By mid-2001, real prices of pine plywood had dropped 37 percent to \$172/m³

(\$160/m³ nominal), a 5-year 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. Brazilian pine plywood prices improved slightly in the third quarter of 2001 before further declining to \$169/m³ (\$157/m³ nominal) at year-end. The steady decline in Brazilian pine plywood prices had a dampening effect on market sentiment, making European buyers extremely cautious about placing orders. The low prices have also contributed to drive down prices for competing products, including Indonesian and Malaysian plywood.

The graphs for C&F prices for Japanese plywood imports from Indonesia in Appendix 4 show that after halving during the Asian economic crisis, surging sharply in late 1998 and the first half of 1999 and declining in late 1999, real prices for concrete form panels, floor base and thin panel were more stable in 2000 at levels around \$334/m³ (\$325/m³ nominal), \$447/m³ (\$435/m³ nominal) and \$518/m³ (\$505/m³ nominal). Prices for Japanese plywood imports declined slowly in the second half of 2000 and more rapidly throughout 2001, with concrete form and thin panel prices near the lows of 1998 by year-end. The Japanese construction sector remained stagnant in 2000 and 2001, with housing starts declining in both years. The three plywood grades were trading in late 2001 at \$266/m³ (\$248/m³ nominal, concrete form), \$342/m³ (\$318/m³ nominal, floor base) and \$425/m³ (\$395/m³ nominal, thin), 24-38% below the pre-crisis prices of early 1997. The prospects for tropical plywood prices remain uncertain as there appears to be a global over-capacity for wood-based panels, which maintains downward pressure on prices. Poor prices have already forced the closure of many tropical plywood mills and most others are having to sell their panels at close to production cost.

Secondary Processed Wood Products

Details of price trends for secondary processed sawnwood, furniture and furniture parts are contained in the next chapter.

Secondary Processed Wood Products

Although secondary wood processed wood products (SPWP) are not explicitly included in the statistical coverage defined in the ITTA, their importance to members is evident from the Agreement's objective of promoting further processing of tropical timbers and the inclusion of this objective in the ITTO Action Plan. The SPWP trade data presented here was extracted from the UN Commodity Trade Statistics (COMTRADE) database, which contains time series of trade statistics for most developed and some developing countries. This chapter is based on these data for the 1996-2000 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 2001 Joint Forest Sector Questionnaire. All trade data for China includes aggregate figures from mainland China, Hong Kong S.A.R. and Macao S.A.R. Producer totals may be under-estimates due to non-reporting or partial reporting to COMTRADE by some countries, especially for 2000. Table 5 shows the ITTO country members that did not report or only partially reported trade data to COMTRADE during the 1996-2000

period. Most African countries did not provide data for most of the years. The information on African exports presented in Tables 5-4 to 5-8 of Appendix 5 was derived from imports reported by country partners to COMTRADE. Table 5 also shows that Cambodia, Fiji, Myanmar, Papua New Guinea and Vanuatu in Asia and Guyana in South America did not report data to COMTRADE during most of this period.

Some apparent anomalies arise in the COMTRADE data due to partial or non-reporting by countries. 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 5-4 by 48% in 1998, a difference too large to be accounted for only by insurance and freight charges. This difference shrank to 21% in 1999, which is more reasonable considering the CIF basis of import reports. Figures in Tables 5-1 to 5-8 in Appendix 5 have been ranked by 1999 trade figures, the reference year in this analysis since 2000 figures were still preliminary in many cases at the time of downloading the data from COMTRADE.

Table 5. ITTO Members with COMTRADE Data Gaps, 1996-2000

All years (96-00)	1996	1997	1998	1999	2000
Congo, Dem. Rep. of	Ghana	CAR	CAR	CAR	Cameroon
Congo, Rep. of		Côte d'Ivoire	Cote d'Ivoire	Cote d'Ivoire	CAR
Liberia		Gabon	Gabon	Gabon	Cote d'Ivoire
		Ghana			Egypt
					Gabon
					Ghana
					Togo
Cambodia	PNG	PNG		PNG	India
Fiji					Malaysia
Myanmar					PNG
Vanuatu					Thailand
Guyana					Honduras
					Panama
					Peru
					Suriname ¹
					Venezuela
				Nepal	Australia
					Greece
					Hong Kong S.A.R.
					Nepal
					Netherlands
					Portugal

1: missing export data for 2000, import data available.

Pulp, Paper and Reconstituted Panels

Figure 17 shows the increasing trends in export earnings from all reconstituted panels (particle board and fibreboard) as well as pulp and paper in ITTO producing countries over the last decade. While these are not "secondary" products according to the definition in the next section, they are certainly a step up the value-added chain for most producer countries. Pulp and paper exports from ITTO producers have risen by 230% in the last decade, led by increases in exports from Indonesia (1117%) and Brazil (94%). Figure 17 shows a separate line for Indonesia to indicate that much of the rapid growth in tropical pulp and paper exports has been led by this country. Indonesia's pulp and paper exports, based on fast-growing plantations and natural tropical forest resources, have led ITTO producer exports upward in the last decade. Indonesian exports (of mostly paper) accounted for 51% of total producer pulp and paper exports in 2000. Indonesia overtook Brazil (Figure 17) in 1998 as the largest ITTO producer exporter. Exports of pulp and paper by Brazil (ITTO's second largest producer exporter with 46% of total exports) grew until 1995 before decreasing steadily from then on as production was diverted to meet the growing needs of its huge domestic market. Much of Brazil's pulp and paper is based on its temperate forest resources and on eucalypt plantations in the tropics.

Figure 17 also shows the rapid growth of ITTO producer country exports of reconstituted panels, such as particleboard, medium-density fibreboard, and, recently, oriented strandboard, over the last decade. This growth has been driven by

impressive export growth in Asia, particularly in Malaysia (up 2152%) and Indonesia (up 258%), the two largest ITTO producer exporters. Exports for Brazil, however, have declined by 14% in the same period due to increased domestic demand. Brazil was, until mid-1990s, the largest ITTO producer exporter of reconstituted panels.

The trends in Figure 17 show that reconstituted panels and pulp and paper are important elements in many countries' plans for adding value to and more efficiently utilizing forest resources. Nevertheless, exports of these products by ITTO producers made up only 6% of global exports of these products in 1999 and 2000. The share of ITTO producers in global exports of reconstituted panels has increased over the past five years due to the rapid expansion of capacity in Asia. Despite the rapid growth in Indonesian exports, producers' share of global pulp and paper exports has fallen, due to the declining exports of Brazil and continued expansion of the pulp and paper sector in the developed world.

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 (HS96). The primary categories of tropical SPWP in trade are wooden furniture (the major category, accounting on average for two-thirds of trade values – see Table 5-6, Appendix 5), builder's woodwork (joinery and other builder's wood), products for

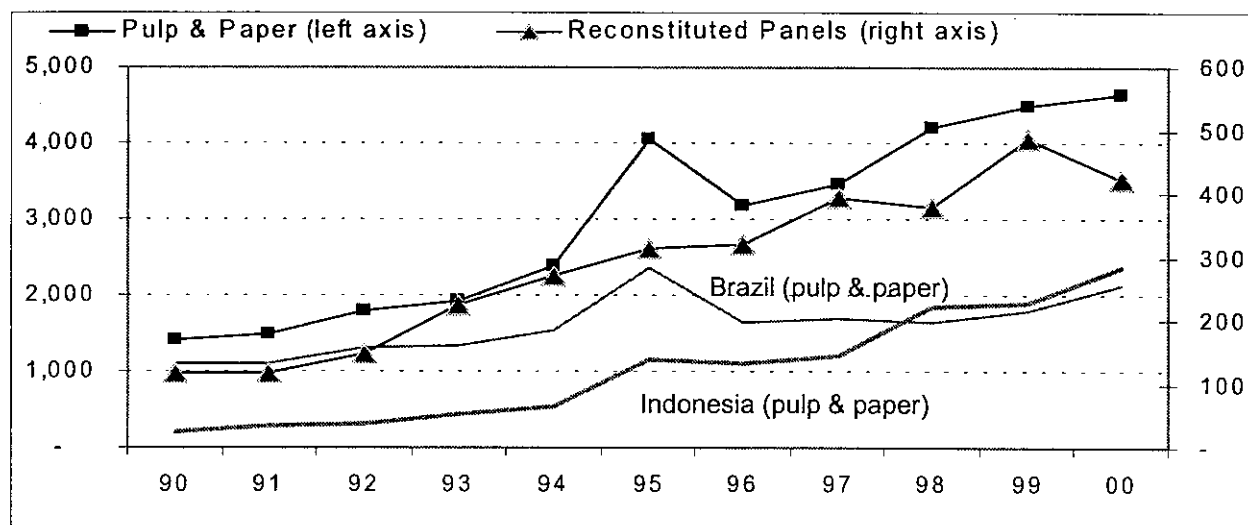


Figure 17. Exports of Reconstituted Panels and Pulp and Paper by ITTO Producers, 1990-2000 (million US\$)

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 excluding 9403.90
Builders' woodwork	Builders' joinery and carpentry	635.3	4418
Other SPWP	Packings, cable drums, box 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
Cane and bamboo furniture and parts	Seats of cane, bamboo, etc.	821.13	9401.5
	Furniture of other material like bamboo	821.79	9403.80

domestic/decorative use (table/kitchenware, ornaments, picture frames, etc.), packaging/pallets, coopers' products (casks, barrels, etc.) and other manufactured products (tools, handles, brooms, shoe lasts, etc.). 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.

Major Importers

Table 5-1 (Appendix 5) shows the top ten importers of SPWP from all sources, from ITTO producers and from ITTO consumers for 1996 to 2000. All ten of the world's major SPWP importers are ITTO consumer members. ITTO consumer country imports of SPWP from ITTO producers (\$5.2 billion) were 14% of total imports of these products from all sources in 1999, a proportion that has remained stable during the 1990s. This value was 60% of the total value of primary tropical timber product imports by ITTO consumers in 1999, up from 14% in 1991. This proportion decreased in 2000 to 54% as imports of primary tropical timber products recovered in several countries and continued to surge in China. Figure 18 shows that the share of SPWP in total tropical imports resumed its upward trend in 2001, rising to an estimated 59% of primary imports. Consumer imports of SPWP from producer countries grew by about 26% between 1996 and 2000, well above the 18% growth in imports from all sources. ITTO consumer imports of SPWP from other

ITTO consumer countries have been constant at about 68% of their total import value since 1996 and were worth \$24.8 billion in 1999.

The top ten ITTO importers accounted for over 85% of ITTO consumer imports of SPWP from ITTO producers in 1999, a proportion that has been almost constant through the 1990s. The United States is by far the world's largest single country importer of SPWP and the largest importer from ITTO producer countries. These countries accounted for 18% of its huge \$11.5 billion import market for SPWP in 1999, though this proportion has been gradually declining (from 22% in 1996 to an estimated 17% in 2000). USA imports come predominantly from other ITTO consumers (68% in 1999), and this share is growing continuously. USA imports from ITTO consumer countries have more than doubled in value from 1995 to 1999, while imports from producer countries have risen by 50%.

The EU is the world's largest importer of SPWP, with its fifteen member states in 1999 importing \$17.7 billion worth of these products, led by Germany, the UK, France, the Netherlands, Belgium-Luxembourg and Austria, which together accounted for almost 81% of total EU imports. However, as Table 5-1 shows, the EU countries import a relatively small proportion (10% in 1999) of their SPWP from ITTO producer countries.

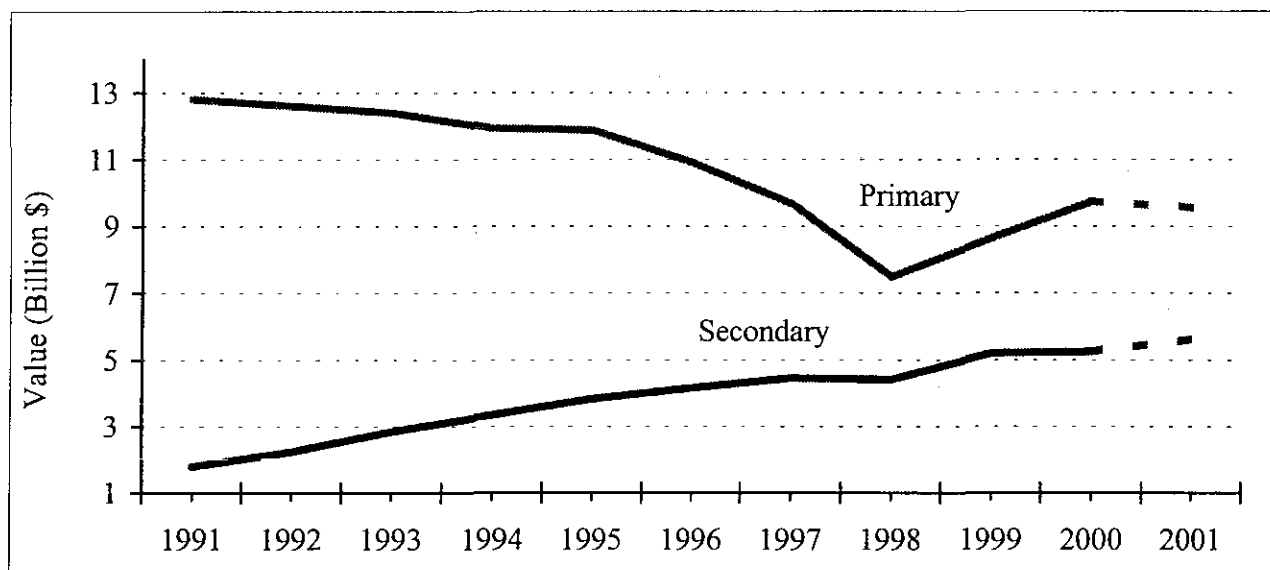


Figure 18. ITTO Consumer Imports of Primary and Secondary Tropical Timber Products

The proportion of EU imports of SPWP from ITTO producers have grown slightly from 9% in 1996 to an estimated 11% in 2000. Although this is a small market share, its value in 2000 exceeded \$1.74 billion, only 17% less than US imports from ITTO producers and almost double the value of Japanese SPWP imports from ITTO producers.

Conversely, the market share of EU SPWP imports held by other ITTO consumers has been declining gradually from 71% in 1996 to 62% in 2000. In Germany, the largest EU SPWP importer (\$5.1 billion in 1999), only 7% of the market has been captured by ITTO producers and 53% by ITTO consumers, a low among major importers. Germany imports substantial quantities of SPWP from Eastern European countries.

Japan is the largest market in terms of percentage of imports of SPWP from ITTO producers. ITTO producers captured 35% of Japan's \$2.2 billion market for these products in 1999, still by far the largest share in all of the major markets. The market share of ITTO producers declined slightly to 34% of Japan's \$2.7 billion SPWP imports in 2000.

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. Two-thirds of SPWP imports by ITTO consumers and by the EU, the leading import region, are wooden furniture. Other manufactured products (packaging/pallets, casks, pallets etc., 18%) and builder's woodwork (mouldings, dowels, etc., 16%) are far behind as the second and third most valuable types of SPWP imports. France and Switzerland had the greatest proportion of wooden furniture in their SPWP imports at around 73% in 1999.

Table 5-3 in Appendix 5 shows the top ITTO producer importers of SPWP ranked by 1999 values. The top eleven countries accounted for 89% of total ITTO producer imports of SPWP in 1999, a level that has been virtually steady since 1995. However, Guatemala and Trinidad and Tobago replaced Ecuador and Indonesia in the list of major producer importers in 1999. The table shows that several ITTO producers are also becoming important importers of SPWP and that two-thirds of producer imports come from ITTO consumers, down from three-quarters in 1998. Venezuela (18% of the 1999 producer total), Malaysia and the Philippines (12% each) are the three largest producer importers of SPWP. Imports of ITTO producers are growing in aggregate but show mixed trends on an individual basis. For example, SPWP imports increased by 186% in Venezuela, 145% in Panama, 58% in Guatemala and 9% in the Philippines while they declined by 32% in Brazil, 28% in Thailand and 19% in Malaysia for an aggregate growth rate of 14% for ITTO producers between 1996 and 1999. Malaysian and Thai imports contracted sharply

during the Asian crisis in 1998 but have rebounded and in 2000 were near (Thailand) or above (Malaysia) pre-crisis levels. Malaysia's 60% surge in SPWP imports in 2000 to over \$55 million made it the largest ITTO producer SPWP importer. Since many ITTO producers do not report trade statistics to COMTRADE, the database was searched for instances where they appeared as partners with a country that did report; this may result in significant underestimates of trade for countries with substantial 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 \$153 million worth of wooden furniture in 1999, the main category at 54% of all SPWP imports. 66% of producers' wooden furniture imports were from ITTO consumer countries. Panama has the greatest proportion of wood furniture in its SPWP imports at 78% in 1999, while Thailand 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.

Furniture Import Market Trends

The effects of the 2001 slowdown in global growth on the international furniture trade was the topic of a round table discussion at the Milan Furniture Fair in April 2001. The conclusions regarding the outlook for the major import markets are as follows:

- The three largest furniture markets (the United States, Germany and Japan) were not expected to grow. Six markets appear to be growing moderately (Italy, France, the UK, Brazil, Spain, Mexico), and only one, China is in the high growth (above 3%) category.
- Amongst the other 40 markets examined, four were in the high growth group (India, Chile, Ireland and Malaysia), and two were in a slump (Argentina and Turkey, both in the middle of deep financial crises). All others were either stable or growing moderately.

The slowdown in 2001 was centered in the USA, the market that has driven the growth of international furniture trade in the last decade. Despite the economic slowdown in the USA and the fact that the overall furniture market has stopped growing, demand for imported furniture (from Europe and China) by American consumers has continued to grow due mainly to an evolution of taste that favors modern European design, and

also a special ability of foreign suppliers to provide products well suited to the changing fashion in the USA at highly competitive prices. The combination of a strong dollar, low foreign wages, new investment in foreign production and plants and aggressive marketing on the part of exporting countries has quickened the pace of change.

The explosion of imported furniture in the USA is causing radical changes in its domestic furniture industry. Imported furniture already accounts for over 34% of all furniture sales in the USA and its market share is growing continuously. In 2000, 29% of all furniture imported by the USA was manufactured in China. Imports of Chinese wooden furniture increased from US\$69 million in 1992 to a projected \$2 billion in 2001. In fact, Chinese furniture imports by the USA have increased more than 30% per year for six straight years, including a 45% gain in 2000.

The impact of increased imports on the USA's domestic industry is being felt: more than 50 furniture plants had closed by the middle of 2001, while many others are restructuring. Within ten years, it is probable that only a few major domestic furniture manufacturers will remain. These will likely be high-end producers who offer customization and rapid delivery. Other USA furniture companies will more than likely shift their production to the Far East and focus on marketing and distribution at home. However, as markets mature, retailers may increasingly source furniture directly from the foreign-based manufacturers, bypassing USA based companies entirely. Early signs of a similar change are being seen in the kitchen cabinet industry, where many USA cabinet manufacturers are importing doors manufactured overseas.

Major Exporters

Table 5-5 shows the top exporters of SPWP ranked by value in 1999, with all of these except Poland being ITTO consumers. Italy is by far the world's largest exporter of SPWP. Just over 80% of Italian exports are absorbed by other ITTO consumer countries. Italy's exports comprised about 30% of the \$19.6 billion of EU SPWP exports in 1999. Spain, with over \$1.1 billion, has overtaken Sweden as the sixth largest EU SPWP exporter. The EU accounts for 69% of ITTO consumer exports of SPWP, which totaled \$28.6 billion in 1999. Other major ITTO consumer country exporters include Canada, China and the USA.

Canada and China experienced a rapid growth in SPWP exports between 1996 and 2000. Canada's exports grew by 114% in the period while China's grew by 105%. Canada's growth has been largely due to increased exports to the booming USA market. The strong upward trend of growth in China, which has been evident since 1990, is expected to continue, as many companies from Taiwan Province of China 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.

Table 7 shows the breakdown of Chinese imports and exports. The table shows that virtually all of China's exports of SPWP in 1999 originated from mainland China, while 92% of China's imports flowed to or through Hong Kong. Table 7 also shows imports and exports for Taiwan Province of China. Combining UN statistics for Taiwan Province of China (\$956 million) and China (almost \$2.6 billion) consolidates the Chinese as by far the top exporters of SPWP in the developing world, with exports comparable to Canada's, the world's second largest exporter of SPWP.

The breakdown of SPWP exports by major exporters in 1999 is illustrated in Table 5-6. Over two-thirds of ITTO consumers' SPWP exports consisted of wooden furniture, mostly shipped to other ITTO consumers. Builder's woodwork (17%) and packaging/pallets, casks, barrels and other manufactured products (15%) are far behind

as the second and third most valuable types of SPWP exports. Italy's SPWP exports are mostly (85%) composed of wooden furniture, at almost \$5 billion in 1999. Cane and bamboo furniture exports from ITTO consumers (where comparatively little cane or bamboo is grown except for China) were almost \$794 million in 1999, compared to only \$432 million in total exports of these products by all producer countries (Table 5-8).

Table 5-7 shows the top ITTO producer exporters of SPWP ranked by value of 1999 exports. Indonesia, Malaysia, Thailand, Brazil and the Philippines are the major ITTO producer member exporters of SPWP. Other ITTO producer exporters of SPWP are smaller and include Bolivia, Honduras and Guatemala, which replaced India in this list in 1999. The top five ITTO producer exporters accounted for almost 97% of total ITTO producers' SPWP exports of \$4.98 billion in 1999. This value is 15% up from 1996 due to increases in exports from all major ITTO producer exporters, helped by a recovery in the global economy and a continued focus on SPWP production and exports in many tropical countries. ITTO producers' SPWP exports surged a further 11% in 2000 to over \$5.5 billion.

After a remarkable increase in exports of 271% between 1991 and 1996, Indonesia's development of downstream processing declined sharply in 1997 and halved in 1998. Indonesia was overtaken by Malaysia in 1998 but regained its SPWP leadership mantle in 1999, when exports

Table 7. Chinese imports and exports of SPWP in 1999 [1000 US\$; (% share)]

		Imports		Exports	
China	World	96,453		2,585,677	
	ITTO Prod.	35,763	(37)	17,042	(1)
	ITTO Cons.	47,242	(49)	2,428,542	(94)
Hong Kong S.A.R.	World	1,111,441		12,917	
	ITTO Prod.	39,990	(4)	526	(4)
	ITTO Cons.	1,054,573	(95)	8,673	(67)
Macao S.A.R.	World	5,748		97	
	ITTO Prod.	258	(4)	6	(6)
	ITTO Cons.	5,346	(93)	71	(73)
Sub-total	World	1,213,642		2,598,691	
	ITTO Prod.	76,010	(6)	17,574	(1)
	ITTO Cons.	1,107,162	(91)	2,437,286	(94)
Taiwan Province of China	World	219,275		955,758	
	ITTO Prod.	78,189	(36)	9,256	(1)
	ITTO Cons.	135,495	(62)	907,370	(95)
Total	World	1,432,917		3,554,449	
	ITTO Prod.	154,199	(11)	26,830	(1)
	ITTO Cons.	1,242,657	(87)	3,344,656	(94)

surged by 129% to almost \$1.7 billion, compared to Malaysia's \$1.3 billion. Indonesian exports grew to just under \$2 billion in 2000, further widening the gap with Malaysia, where SPWP exports contracted slightly. Indonesia's SPWP exports go mainly to the major markets of the USA, Japan and Europe.

To put ITTO producer exports into a global perspective, Italy shipped over \$5.8 billion worth of SPWP to global markets in 1999, about 15% higher than the combined value of all SPWP exports from all ITTO producer countries. 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 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. This is one reason why the contribution of developing countries to total imports of such products by ITTO consumers is still below its potential. 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 to eliminate tariffs on wooden furniture completely by 2005, which will probably further boost SPWP exports from ITTO producer countries. In contrast, many developing countries retain very high tariffs (up to 80%) on SPWP.

Table 5-7 shows that Asia-Pacific is by far the dominant producing region in terms of SPWP exports (85% of all ITTO producers' SPWP exports in 1999), with Latin America (primarily Brazil) a distant second (14%). Value-added processing in the African region has been growing (by 96% between 1996-2000), although it is still minimal, due largely to a lack of capital and infrastructure. Nevertheless, many African governments such as Ghana, Cameroon and

Gabon are making the development of secondary processing a priority. Ghana made up the bulk of SPWP exports from Africa in 1999, accounting for over 52% of the region's total. The breakdown of SPWP exports between the main tropical regions is unlikely to change significantly, as countries in all three regions continue to express their desire to further expand downstream processing capacity.

It should be noted that many 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. 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 ITTO consumers (in **bold**). Table 8 illustrates that the problems identified for primary products for Indonesia also hold for SPWP, with, for example, a 60% discrepancy with EU import figures and a 31% discrepancy with ITTO consumers' import figures. Most of the other discrepancies noted for major producer exporters are smaller and can be largely accounted for by 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 consumer countries 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 apparent anomaly needs to be investigated further.

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. Direction of Trade of SPWP for Main Partners, 1999 (1000 US\$)

Importer	Exporter <i>Indonesia</i>	<i>Malaysia</i>	<i>Brazil</i>	<i>Thailand</i>	<i>ITTO Producers</i>	<i>EU</i>	<i>ITTO Consumers</i>
EU	910,977 <i>567,750</i>	258,108 <i>239,460</i>	271,370 <i>262,230</i>	176,548 <i>142,640</i>	1,824,503 <i>1,301,581</i>		11,803,808 <i>14,113,418</i>
ITTO Consumers	1,946,929 <i>1,490,492</i>	1,144,988 <i>1,052,036</i>	438,768 <i>496,454</i>	906,064 <i>803,605</i>	5,202,705 <i>4,304,195</i>	14,354,093 <i>17,081,504</i>	

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. The major categories of Indonesia's exports, the largest SPWP producer exporter in 1999, were wooden furniture (38%) and builder's woodwork (32%). Malaysia's SPWP exports are predominantly wooden furniture, about 70% of which is manufactured from rubberwood. 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 declined in 1997-98, recovered by 23% in 1999 and by a further 16% in 2000 due to a boost in the exports of wooden furniture and parts. Thai (and Malaysian) SPWP exports also 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 favor further processing, restricting exports of raw rubberwood, although the restrictions have been relaxed in Malaysia due to imbalances in domestic supply and demand.

In contrast to its export performance in 1990-95, when exports grew almost four-fold, Brazil's exports of SPWP stabilized at well under \$500 million until 1998 but surged by 26% to over \$584 million in 1999 and by a further 18% to \$687 million in 2000. The major categories of Brazilian SPWP exports in 1999 were wooden furniture (54%) and builder's woodwork (29%). Brazil's SPWP exports go mainly to the major markets of the USA, Europe and Argentina.

Table 5-8 shows that the major categories of Africa's SPWP exports in 1999 were wooden furniture (58%) and packaging/pallets (and other manufactured products, 36%). African SPWP exports are mainly directed to the EU (notably 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 Prices

Appendix 4 contains real and nominal price graphs for Indonesian and Malaysian secondary processed sawnwood (not included in the above analysis) as well as for Malaysian furniture parts and furniture from mid-1997 to late 2001, based on data from the ITTO MIS.

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 most Indonesian secondary processed sawnwood were relatively stable in late 1998 and 1999 at about \$347/m³ (\$345/m³ nominal) for laminated squares, \$583/m³ (\$580/m³ nominal) for red meranti mouldings Grade A and \$467/m³ (\$455/m³ nominal) for red meranti mouldings Grade B. Real FOB prices for these products were stable or declining in 2000, increased slightly in early 2001 and declined gently throughout 2001. These products were trading at \$307/m³ (\$285/m³ nominal), \$565/m³ (\$525/m³ nominal) and \$471/m³ (\$438/m³ nominal), respectively, at the end of 2001.

Malaysian secondary processed sawnwood 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. The declining prices for these 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, before rising in early 2000 to \$498/m³ (\$485/m³ nominal) for laminated scantlings, \$657/m³ (\$640/m³ nominal) for red meranti mouldings Grade A, \$508/m³ (\$495/m³ nominal) for red meranti mouldings Grade B and \$572/m³ (\$558/m³ nominal) for selangan batu decking. Real FOB prices for red meranti Grade A and B mouldings remained stable in 2000 but prices for laminated scantlings and selangan batu decking showed mixed behavior. Real FOB prices for laminated scantlings peaked in the first quarter of 2000 before falling sharply to \$480/m³ (\$468/m³ nominal) in mid-2000, while selangan batu decking prices rose steadily through most of 2000 to \$593/m³ (\$578/m³ nominal). Malaysian

selangan batu decking price trends have been more positive than those of mouldings despite competition from other producers. Prices for all of these products declined gently throughout 2001. Laminated scantlings were trading at \$473/m³ (\$440/m³ nominal), red meranti mouldings Grade A at \$664/m³ (\$618/m³ nominal), Grade B at \$533/m³ (\$495/m³ nominal) and selangan batu decking at \$568/m³ (\$528/m³ nominal) at the end of 2001.

Appendix 4 (Table 4-4c) shows prices over the past four years for Malaysian furniture (windsor chairs of rubberwood) and furniture parts (two grades of rubberwood table tops). Note that 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 (m³) 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 \$30 per piece and \$8 per piece, and remained relatively stable at those levels in 1999. Prices for all three products were declining for most of 2000, reaching \$25 per piece, \$8 per piece and \$524/m³ respectively. Real prices for windsor chairs remained relatively stable at that level while the other two products continued declining steadily in 2001 to reach \$20/piece for semi-finished dining table tops and \$519/m³ for top grade rubberwood table tops in late 2001, new lows since prices for these products have been tracked by the MIS.

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 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-2001.

Africa

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

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 of timber.

The current policy aims to ban green lumber export and promote further and increased wood processing. Iroko timber (*Chlorophora excelsa*) is currently subject to an export quota. Reforestation proportional to logged volume is currently mandatory for timber operators, a policy aimed at achieving a sustainable and regular supply of raw material for local industry.

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.

Except for traditional use as 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 Government of Gabon has revised log export quotas downward 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.

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.

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.

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.

Ghana

The recently introduced 10% export tax on lumber may negatively affect export of sawnwood. Already industry operators have expressed their displeasure to the Government, saying that the tax will cripple new investments in the lumber sub-sector. The move also has the potential to lead to job losses and redundancies in the industry.

In the short term, the Timber Export Development Division (TEDD) of the Forestry Commission is collaborating with CPI (Centre for the Promotion of Imports from Developing Countries), SIPO (Swiss Import Programme Organisation) and ITTO in undertaking projects and programmes in capacity building for wood processing mills in the industry. The Wood Sector Development Project is continuing with its programs to provide technical support, management training and capacity building. In the medium term, there are industry plans and arrangements to import logs from Equatorial Guinea, Gabon and Cameroon to supplement local log supply for further processing industries.

The timber industry is still working to process lesser used species and non-timber forest products such as bamboo, rattan, cane, etc. Interest in the utilization of rattan and (to a lesser extent) bamboo is growing. A Forest Plantation Development Committee has been set up to oversee plantation development in the country.

Domestic building activity is increasing in 2001, despite mortgage rates being quite high.

Substitution of tropical timber continues to take place in Ghana. For example, pane glass and aluminum insulators are being used in windows instead of wooden louvre blades and wooden frames respectively. Plastic chairs are replacing wooden garden chairs at an alarming rate.

Most concessionaires are local indigenous people who were granted timber leases in the past, but a timber resources management bill is currently before parliament which seeks to rationalize the allocation of concessions based on timber utilization contracts (TUC) and encourage sustainable forest management. Foreigners have majority shares in most of the large processing mills. Also, new investments (especially in tertiary processing) are foreign dominated. On the whole, foreign involvement in the timber processing sector can be estimated to be over 50%.

The restructuring of the Forestry Commission and its agencies is on-going. It is expected that this restructuring will be completed by the end of 2001.

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 either due to government policy or 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 totaling 1.65 million ha. Another Malaysian company (NATURA) has a concession of 304 000 ha. Eight Lebanese companies hold concessions totaling 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

Fiji

The main commercial timber species continue to dominate the wood supply. However, 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.

Building activity has slowed. Substitution by cheap pine sawn timber is taking place in the low-priced housing sector. The timber sector produces 2% of GDP and rates 5th in foreign exchange earnings in Fiji.

Malaysia

No import tariffs are imposed on timber products imported into Malaysia. The full implementation of sustainable forest management will reduce log production drastically from current levels, with impacts on domestic processing and trade.

There is no plan to expand the processing capacity of domestic mills. There is not much change in the composition of species being traded. But it is expected that in future the use of lesser known species may increase to supplement industry requirements. The pattern of timber consumption in Malaysia is not expected to change much in coming years.

Philippines

Non-tariff barriers to trade include the current export ban on logs coming from natural forests and lumber processed out of these logs. Incentives to encourage establishment of timber plantations include exemptions on the payment of forest charges on products and free technical assistance from the Department of Environment and Natural Resources (DENR). Likewise, forest plantation establishment has 'pioneering industry' status and enjoys the following incentives: a) income tax holidays; b) tax and duty free importation of capital equipment; c) tax credit; d) deduction for labor 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 seen over the last five years suggests that there are no plans to expand production capacities in the medium term. Furthermore, the annual log requirements to keep existing saw- and ply-mills at 100% production capacity was 3.86 million m³ in 1999, while the available log supply (local production and imports plus log equivalent of veneer import) was only 1.59 million m³. Thus, it appears that existing processing capacity is underutilized by about 60%, further discounting the possibility of capacity increases in the near future.

As of 1999, logs coming from plantations made up 70% of the log production of 712 000 m³, while those from the natural forests made up 30%. Of the 500 000 m³ of plantation logs, 64% were of the species *Albizia falcataria*, 18% of *Acacia mangium*, and the remaining 18% of *Gmelina arborea*, *Endospermum peltatum*, *Eucalyptus deglupta* and *Swietenia mahogani*. It is expected that these species will play an

important role in timber products trade in the near future.

Thailand

As a member country of World Trade Organization (WTO), Thailand had reduced tariffs for products originated 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. Imports are sourced particularly from neighboring countries such as Malaysia, Myanmar and Laos, as well as a few other countries in North America, South America and Africa. The products made are for both domestic consumption and export. Due to the economic crisis in recent years most existing mills are running at partial capacity or have stopped working, except those that utilize pararubberwood or other wood from plantations.

Thailand will continue to import logs and sawnwood from abroad, especially from Malaysia, Myanmar and Laos. Most of these logs and sawnwood will continue to be teak (*Tectona grandis* Linn.f.) and Yang (*Dipterocarpus* spp.).

Due to continuing economic problems, demand for construction and housing in Thailand is low. Moreover, since wood products are relatively expensive, the construction industry has shifted away from wood towards substitutes such as reinforced concrete and steel beams. Sawmills are increasingly using cheaper wood such as pararubberwood or *Eucalyptus* spp. instead of natural tropical timbers.

Vanuatu

Vanuatu import tariff rates (as a percentage of product value) according to the relevant customs classification category are as follows (note that since this is the first time these have been reported to ITTO, all relevant Chapters of the Harmonised System of customs classification for forest products are included): 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%.

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 m³ to the estimated sustainable yield of 68 000m³. 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.

There are no major changes anticipated concerning the trade of tropical timber species. However, there could be an increase in the trade of certain nuts as minor tropical forest products in five to ten years time. It is anticipated that nuts could provide an attractive income to the rural communities when international markets are secured.

About 80% of Vanuatu's population live in rural areas where over 90% of the buildings are traditional "leaf houses" built using tropical timber and other forest products. In the two main urban centers, however, most buildings are constructed of concrete as it is more robust and when well built can last longer in this cyclone-prone country. Mortgage rates are high and domestic building numbers are low, with more activity in the industrial and hotel construction areas over recent years. Most timber used is tropical as it is sourced locally.

Almost 100% of all large logging and sawmilling operations are owned by foreigners (2 companies, of which only 1 is active, are Malaysian owned, another is New Zealand owned and a furniture and joinery factory is Australian owned). However about 99% of the existing mobile

sawmilling operations are owned and managed by local Vanuatu citizens. Of the two existing sandalwood processing companies one is jointly owned by a local and an Australian and the other is owned by a New Zealander.

Latin America and Caribbean

Guyana

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 of non-wood (cement in particular) inputs in the construction sector.

There are five foreign owned companies in the sector, occupying 2.65 million hectares of concessions. Operating on a large scale, these companies produce and export plywood and manicole palm, among other products.

Guyana has started to establish plantations for commercial timber production. A new project will allow for the production of veneer from *Paulownia* spp. 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 in coming months.

Honduras

Tariff rates applied to tropical and non-tropical timber products have remained unchanged; therefore, the same rates reported for the last two

years to ITTO still apply, except for some minor new phytosanitary restrictions.

New draft legislation for the forest sub-sector is aimed at the privatisation of forest resources to encourage the greater participation of forest owners in both forest harvesting and the domestic and international marketing of forest products.

The Temporary Import Regime (Régimen de Importación Temporal - RIT) promotes production and productivity in general. It encourages the establishment of equipment to process all types of tropical timber products and by-products while introducing tax exemptions for agricultural and/or forestry machinery imports.

With the support of organisations such as ITTO, the PROINEL project and ODA, research was carried out over the past two years on more than 27 non-traditional tropical species for various uses, including housing construction, furniture manufacturing and energy sources.

After the devastation caused by Hurricane Mitch, programs are being implemented to provide assistance to the victims of this disaster, including the construction of housing. At the regional level, a lot of structural timber was channelled to the Salvadoran market after the destructive earthquakes that took place in that country. Most of this timber was from coniferous species.

Eighty per cent of capital stakes in primary timber industry companies are held by Honduran nationals and 20 per cent by foreigners. However, the secondary industry ratio is 60% national capital and 40% foreign capital. There are no State-owned companies; 100% are privately owned. The nationally held capital includes other types of enterprises such as agroforestry cooperatives set up by rural groups. These comprise groups of farmers who carry out the manual sawing of timber (both coniferous and tropical timber species) during harvesting operations under management plans in national forests.

The government is still applying an administrative and technical service tax of Lps. 40.00 per m³ of coniferous timber harvested.

Panama

No changes in tariff regimes have occurred since the 2000 Review.

The government is providing incentives to the timber industry through the implementation of forest policies aimed at improving the forest sector and hence the forest products industry and trade. Specific policies are related to:

- Forest industry retrofitting
- Training of forest industry workers and machine operators
- Diversification of production
- Diversification of species and production
- Increased promotion of new species

Lesser-used species are increasingly being introduced into the domestic market. With the decrease in import tariffs reported to ITTO in previous years, timber is now being imported from Nordic or temperate countries as a substitute for national tropical timbers. There is very limited involvement by foreign nations in Panama's forest sector.

Trinidad and Tobago

Import tariffs are as follows:

Roundwood - Coniferous - Free
 Roundwood - Non-Coniferous - 10%
 Tropical sawnwood - 10%
 Non-Tropical sawnwood - Free

The government offers an agriculture incentive programme which provides incentives for private land owners 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

Current import tariff rates for forest products, particularly in relation to Chapters 44, 47 and 48 of the Harmonized Customs Classification Code, have remained unchanged for the last few years and have been reported to ITTO previously.

Trade policy regulations in Venezuela stipulate the progressive phasing out of tariff and non-tariff barriers so as to adjust the macro-economic framework to the changing conditions in the country and throughout the world.

There will be a change in the contribution of *Pinus caribaea* plantations to the national production in the short term, as it is estimated that by the year 2002 the production of this species will reach a level of 1.2 million m³. This raw material will be used to supply, *inter alia*, an

MDF plant and a particleboard plant, as well as a sawmill with a capacity of 200 000 m³/year located in the eastern region of the country.

Current forest species composition utilized by the timber industry includes a total of 130 species, the most significant being *Pinus caribaea*, which accounts for 47% of the total national production. A further 24 commercial species have an annual production of over 3 000 m³. These are: Samán (*Pithecellobium samán*), Drago (*Pterocarpus rohrii*), Baramán (*Catostemma commune*) Jobo (*Spondias mombin*), Josefino (*Cassia moschata*), Ceiba (*Ceiba pentandra*), Cedro (*Cedrela odorata*), Charo (*Brosimum alicastrum*), Carapa (*Carapa guianensis*), Mijao (*Anacardium excelsum*), Mureillo (*Erisma uncinatum*), Merecure (*Parinari excelsa*), Saqui-saqui (*Bombacopsis quinata*), Pardillo (*Cordia alliodora*), Pilon (*Pera ferruginea*), Puy (*Tabebuia serratifolia*), Purguo (*Manilkara bidetata*), Algarrobo (*Hymenaea courbaril*), Aceite (*Copaifera officinalis*), Apamate (*Tabebuia rosea*), Palo Blanco (*Piptadenia* spp.), Camoruco (*Sterculia apetala*), Charo (*Brosimum alicastrum*) and Zapatero (*Peltogyne pubescens*).

There are about 130 non-timber forest products of significance to local communities as food, medicinal plants, food additives, oil, fruits, nuts and crafts. These products serve to increase the income levels of rural dwellers, and many are being marketed in both the national and international markets.

Forest concessions are being audited in 2001 to determine compliance with their administrative contracts; these audits will form the basis for decisions on whether such contracts should be extended or terminated.

A Ministerial Resolution, which is in the process of being issued, is proposing a six-month ban on the logging of *Swietenia macrophylla* (Caoba), *Cedrela odorata* (Cedro), *Anacardium excelsum* (Mijao), *Cordia alliodora* (Pardillo) and *Tabebuia spectabilis* (Acapro), pending the conduct of relevant in-depth studies on the current status of these species. In addition, the logging of Samán (*Pithecellobium samán*), Saqui saqui (*Bombacopsis quinata*) and Puy (*Tabebuia serratifolia*) is expected to be reduced throughout the country based on the results of an analysis of the forestry statistics of these species.

The following decrees are being updated: Decree No. 506-A of 1984 regarding standards for the

development of forest management plans for the harvesting of forest products in permanent forest production areas; Decree No. 1659 of 1991, regulating reforestation activities on publicly and privately controlled State lands and privately-owned lands, and Decree No. 2026 of 1988, on standards for the establishment of commercial and multiple-use forest plantations.

As of mid 2001, interest rates in the building sector were about 19% per annum. There has been a high demand for housing and buildings in the country after the mud-slide disaster that took place in the state of Vargas in December 1999. The Government has promoted the construction of social housing through the Single Social Fund and Bolivar Plan 2000 and 2001. The domestic building industry uses timber mainly for decorative components.

There are no restrictions in the current policy for foreign investments in activities related to the forest sector, and foreign involvement in activities related to forest management plans, the sawmilling, pulp, paper and cardboard industries, and forest plantations has been significant. There are still no statistics available on the number of investors, area of allocated forests, and timber volumes therein.

Consumer Countries

Australia

There have been no known changes to import tariffs compared with data provided to ITTO in previous years.

Due to low domestic interest rates and government first-home-buyer subsidy schemes, domestic building activity rose in the June quarter of 2001 for the first time since the corresponding period in the previous year. Housing starts had fallen by around 25 per cent from the highs of the June quarter 2000, but the current rebound in starts is expected to continue into 2002.

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.

Germany

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 is expected to continue in 2001.

Netherlands

Only EU import tariffs are applied in the Netherlands where most tropical timbers are tariff-free. There is a tendency to use FSC certified wood as much as possible.

Building activities haven't changed much in the Netherlands in relation to earlier years. The use of tropical timber species will remain the same or decrease slightly.

Japan

The tariff reduction schedule from 1997 to 1999 was submitted to ITTO in 1999. The reduction schedule has been completed.

Housing starts for 2000 increased by 1.0% to 1 229 843 units, although this was only 75% of 1996 starts, the highest in the previous 5 years. The rate of housing starts in the first six months of 2001 is 94% as compared with the same term of the previous year. The proportion of wooden housing starts was 45.4%, down by 5% as

compared with the same term of the previous year.

Recently Japan imported many Russian logs for plywood production. Coniferous plywood accounted for 47% of total domestic plywood production in 2000. Domestic plywood production in total supply of plywood has decreased by 5% to 40% in 2000 from 45% in 1998.

New Zealand

All sawn tropical timber enters New Zealand duty free with the exception of HS code 4407.24.20 (*Swietenia* spp.) which attracts a tariff of 7.0%. New Zealand is a very small importer of tropical species.

Norway

There is no change in import tariffs from those reported to ITTO in 2000. A Finnish company's involvement in an important Norwegian timber company has resulted in some changes in the forest sector, but the final share of stocks and scale of investments in this arrangement are not known yet. The change is not expected to influence Norway's minor trade or use of tropical timber.

References

The following reference texts, periodicals, etc. were consulted in the preparation of the Review:

ATIBT. 1986. *Repertoire General des Bois Tropicaux*. Paris.

ECE/FAO Timber Bulletin. 2000(a). *Forest Products Prices 1997-1999*. Volume LIII (2000), No. 1. Geneva.

ECE/FAO Timber Bulletin. 2000(b). *Forest Products Statistics 1995-1999*. Volume LIII (2000), No. 2. Geneva.

ECE/FAO Timber Bulletin. 2001(c). *Forest Products Markets in 2001 and Prospects for 2002*. Volume LIV (2001), No.6. Geneva.

ECE/FAO Timber Bulletin. 2001. *Forest Products Annual Market Review 2000-2001*. Volume LIV (2001), No.3. Geneva.

EUROSTAT. 2001. *COMEXT database*. Luxembourg.

FAO. 2001. *FAOSTAT Database-2000*. FAO, Rome.

ITTO. 1996. *Pre-Project Study on Evaluation and Enhancement of ITTO's Statistical Functions and Networks*. ITTO, Yokohama.

ITTO. 2000(a). *ITTC(XXIX)/6 – The ITTO Manual on the Application of Criteria and Indicators for Sustainable Management of Natural Tropical Forests Draft Report on the Workshops and Field Testing in the Asia Pacific and Latin American Regions. [ITTC Decision 3(XXVI)]*. ITTO, Yokohama.

ITTO 2000(b). *ITTC(XXVIII)/6/Rev.1 – Comparative Study on the Auditing Systems of Sustainable Forest Management [ITTC Decision 9(XXVI)]*. ITTO, Yokohama.

IMF. 2001(a). *World Economic Outlook*. October 2001. Washington, D.C.

IMF. 2001(b). *International Financial Statistics*. Washington D.C.

United Nations Statistics Office. 2001. *UN COMTRADE database*. New York.

Various 2000-2001 issues of the following publications were also consulted:

Asian Timber	Malaysian Timber Bulletin
Furniture Design and	Maskayu
Manufacturing Asia	Random Lengths Export
The Economist	Hardwood Markets. com
Far East Economic Review	USDA Foreign Agricultural Service GAIN Reports
Financial Times	Wood Based Panels International
ITTO Market Information Service	World Wood Review
Japan Forest Products Journal	World Bank Quarterly Review of Commodity Markets
Japan Times	

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), 1980-2000 world total, tropical and plantation forest area (Appendix 6), the 2001-2002 ECE/FAO Timber Committee market statement (Appendix 7) and the 2001 Joint Forest Sector Questionnaire (Appendix 8).

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: 2001 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 – 1.43m³/ton; non-coniferous tropical logs – 1.37m³/ton; non-coniferous non-tropical logs – 1.25m³/ton; coniferous sawnwood – 1.82m³/ton; non-coniferous sawnwood – 1.43m³/ton; veneer – 1.33m³/ton; plywood – 1.54m³/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 and 2000 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 2001 Joint Forest Sector Questionnaire: Democratic Republic of Congo, India, Indonesia, Luxembourg, Nepal, Papua New Guinea, Portugal, Spain.

Appendix 1

Production and Trade of Timber, 1997-2001

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Table 1-1-a. Production, Trade and Consumption of All Timber by ITTO Consumers (1000 m3)

Country	Product	Species	Production					Imports					Exports					Domestic Consumption				
			1997	1998	1999	2000	2001	1997	1998	1999	2000	2001	1997	1998	1999	2000	2001	1997	1998	1999	2000	2001
Australia	Logs	All	19632	21185	20588	24161	28382	1	4	1	2	2	605	388	872	1125	2008	19028	20801	19717	23038	26376
		C	10435	10878	10960	12475	14199	0 *	1	0 *	0 *	0	595	367	837	952	1481	9840	10512	10123	11523	12718
		NC	9197	10307	9628	11686	14184	1	3	1	2	2	10	21	35	173	527	9188	10289	9594	11515	13658
	Sawn	All	3481	3711	3673	3977	4311	757	786	782	1025	1194	62	46	87	109	112	4176	4451	4368	4892	5393
		C	2063	2327	2338	2593	2876	657	678	673	893	1051	24	18	32	50	34	2696	2987	2979	3436	3892
		NC	1418	1384	1335	1384	1435	100	108	109	132	143	38	28	55	59	77	1480	1464	1389	1456	1500
	Ven	All	5	5	5	5	5	18	22	22	22 ¹	15	2	2	5	6	5	21	25	22	20	15
		C	0	0	0	0	0	1	2	5	6 ¹	1	1	2	3	5	1 ¹	0	0	1	1	0
		NC	5	5	5	5	5	17	20	18	16	14	1	0 *	1	1	4 ¹	21	25	21	20	15
	Ply	All	151	170	174	197	223	75	89	106	109	116	4	2	9	5	11	222	257	271	301	328
		C	146 ¹	165	169	192	218	38	37	52	51	52	2	1	7	2	5	182	201	214	241	264
		NC	5 ¹	5	5	5	5	37	52	54	58	64	2	1	2	3	6	40	56	57	60	64
Canada	Logs	All	185859 ²	180984 ²	181763	182787	167950	9228 ²	6954	6157	6507	6507 ¹	701 ²	2029	2917	2947	2718	194386	185909	185003	186347	171739
		C	159988 ²	149796 ²	153256	154145	139200	6927 ²	5414	4418	4521	4521 ¹	394 ²	1737	2577	2576	2438	166521	153473	155097	156090	141283
		NC	25871 ²	31188 ²	28508	28641	28750	2301 ²	1540	1739	1986	1986 ¹	307 ²	292	340	371	280	27865	32436	29907	30256	30456
	Sawn	All	64764	65109	69286	69640	67100	2932 ²	1572	1827	1953	1850	48662	48355	49725	50422	47850	19034	18326	21388	21171	21100
		C	63929	64082	68235	68557	66000	1463 ²	618	743	769	650	47659	47177	48386	48928	46500	17733	17523	20592	20398	20150
		NC	835	1027	1051	1083	1100	1469 ²	954	1084	1184	1200	1003	1178	1339	1494	1350	1301	803	796	773	950
	Ven	All	501 ¹	490 ¹	561 ¹	591 ¹	500	192 ²	237	247	260 ¹	300	607 ²	661	683	740 ¹	740 ¹	86	66	125	111	60
		C	300 ¹	310 ¹	401 ²	401 ²	330 ¹	26 ²	37	20 ¹	30 ¹	50 ¹	244 ²	290	310 ¹	330 ¹	330 ¹	82	57	111	101	50
		NC	201 ¹	180 ¹	160 ¹	190 ¹	170 ¹	166 ²	200	227 ¹	230 ¹	250 ¹	363 ²	371	373 ¹	410 ¹	410 ¹	4	9	14	10	10
	Ply	All	1830	1760	1928	1944	1950	664 ²	273	225	230	230 ¹	863	755	956	966	960 ¹	1631	1278	1197	1208	1220
		C	1730 ¹	1600 ¹	1650 ¹	1620 ¹	1630 ¹	280 ²	108	142	128	128 ¹	594	466	642	582	580 ¹	1416	1242	1150	1166	1178
		NC	100 ¹	160 ¹	278 ¹	324 ¹	320 ¹	384 ²	165	83	102	102 ¹	269	289	314	384	380 ¹	215	36	47	42	42
China	Logs	All	38086	55557	48487	43957	39166 ²	6389	4823	10107	13165 ²	16035 ²	63	32	20 ²	27	27 ¹	44412	60348	58574	57095	55174
		C	23363 ¹	34080 ¹	33140 ²	29891 ²	25715 ²	3389	1486	4545	6404 ²	7742 ²	46	4	2 ²	1	1 ¹	26706	35562	37684	36294	33456
		NC	14723 ¹	21477 ¹	15347 ²	14066 ²	13451 ²	3000 ¹	3337	5562	6760 ²	8293 ²	17	28	18 ²	26	26 ¹	17706	24786	20891	20801	21718
	Sawn	All	20124	17876	15859	15000 ¹	15000 ¹	2017 ²	1678	2720	3621 ²	4006 ²	584 ²	254	314 ²	423 ²	470 ²	21557	19300	18265	18199	18536
		C	12074	11359 ²	10076 ²	9500 ¹	9500 ¹	551 ²	398	393	511 ²	538 ²	129 ²	41	42 ²	88 ²	132 ²	12496	11716	10428	9924	9906
		NC	8050	6517 ²	5783 ²	5500 ¹	5500 ¹	1466 ²	1280	2327	3110 ²	3468 ²	455 ²	213	272 ²	335 ²	338 ²	9061	7584	7837	8275	8630
	Ven	All	122	100 ¹	100 ¹	100 ¹	100 ¹	453 ²	404	640 ²	648 ²	647 ¹	41 ²	34	48 ²	53	56	534	470	691	695	691
		C	22 ¹	15 ¹	15 ¹	15 ¹	15 ¹	10 ²	7	6 ²	33 ²	33 ¹	4 ²	6	11 ²	8	9 ¹	28	16	10	40	39
		NC	100 ¹	85 ¹	85 ¹	85 ¹	85 ¹	443 ²	397	634 ²	614 ²	614 ¹	37 ²	28	38 ²	45	47 ¹	506	454	681	655	652
	Ply	All	7584	7866 ¹	7276	9925	9925 ¹	1500 ¹	2200 ¹	1042	1001 ²	651 ¹	438	177	423 ²	690	966 ²	8646	9889	7895	10236	9610
		C	4462 ²	4866 ²	4200 ¹	5425 ¹	5425 ¹	100 ¹	100 ¹	42 ¹	93 ²	51 ¹	367	99	181 ²	324	366 ¹	4195	4867	4061	5193	5110
		NC	3122 ¹	3000 ¹	3076 ¹	4500 ¹	4500 ¹	1400 ¹	2100 ¹	1000 ¹	909 ²	600 ¹	71	78	242 ²	365	600 ¹	4451	5022	3834	5044	4500

Table 1-1-a. Production, Trade and Consumption of All Timber by ITTO Consumers (1000 m3)

Country	Product	Species	Production					Imports					Exports					Domestic Consumption				
			1997	1998	1999	2000	2001	1997	1998	1999	2000	2001	1997	1998	1999	2000	2001	1997	1998	1999	2000	2001
(Hong Kong S.A.R.)	Logs	All	5	5 ¹	5 ¹	5	5	250 ¹	500 ¹	1095 ^c	1095 ¹	1095 ¹	135 ^c	205 ^c	856 ^c	856 ¹	856 ¹	120	300	244	244	244
		C	0 ¹	0 ¹	0 ¹	0 ¹	0 ¹	0 ¹	0 ¹	3 ^c	3 ¹	3 ¹	0 ^c	0 ¹	2 ^c	3 ¹	3 ¹	0	0	0	0	0
		NC	5 ¹	5 ¹	5 ¹	5 ¹	5 ¹	250 ¹	500 ¹	1092 ^c	1092 ¹	1092 ¹	135 ^c	205 ^c	853 ^c	853 ¹	853 ¹	120	300	244	244	244
	Sawn	All	20	30 ¹	30 ¹	30	30	155 ^c	429 ¹	2257 ^c	772 ^c	771 ¹	167 ^c	189 ^c	1370 ^c	25 ^c	25 ¹	7	270	917	777	776
		C	0 ¹	0 ¹	0 ¹	0 ¹	0 ¹	0 ^c	0 ¹	272 ^c	143 ^c	143 ¹	0 ^c	0 ^c	73 ^c	0 ^c	0 ¹	0	0	199	143	143
		NC	20 ¹	30 ¹	30 ¹	30 ¹	30 ¹	155 ^c	429 ¹	1984 ^c	628 ^c	628 ¹	167 ^c	189 ^c	1296 ^c	25 ^c	25 ¹	7	270	718	634	633
	Ven	All	20	20 ¹	20 ¹	20	20	0 ^{ca}	0 ^{ca}	78 ^c	16 ^c	16 ¹	0 ^{ca}	0 ^{ca}	76 ^c	16 ^c	16 ¹	20	20	22	20	20
		C	0 ¹	0 ¹	0 ¹	0 ¹	0 ¹	0 ^c	0 ^c	1 ^c	2 ^c	2 ¹	0 ^c	0 ¹	1 ¹	1 ^c	1 ¹	0	0	0	0	1
		NC	20 ¹	20 ¹	20 ¹	20 ¹	20 ¹	0 ^{ca}	0 ^{ca}	76 ^c	14 ^c	14 ¹	0 ^{ca}	0 ^{ca}	75 ^c	14 ^c	15 ¹	20	20	21	20	19
	Ply	All	20	30 ¹	30 ¹	30	30	195 ^c	19	113 ¹	408 ^c	408 ¹	13 ^c	6	60 ^c	60 ¹	60 ¹	203	44	84	379	378
		C	0 ¹	0 ¹	0 ¹	0 ¹	0 ¹	0 ^c	0 ¹	5 ¹	108 ^c	108 ¹	0 ^c	0 ¹	4 ^c	4 ¹	4 ¹	0	0	1	104	104
		NC	20 ¹	30 ¹	30 ¹	30 ¹	30 ¹	195 ^c	19 ^{ca}	108 ^c	300 ¹	300 ¹	13 ^c	6 ^c	55 ^c	55 ¹	55 ¹	203	44	83	275	275
(Macao S.A.R.)	Logs	All	1 ¹	1 ¹	1 ¹	1 ¹	1 ¹	5 ^c	6 ^c	5 ^c	4 ^c	4 ¹	0 ^{ca}	0 ^{ca}	0 ^{ca}	0 ^{ca}	0 ¹	6	6	6	5	5
		C	0 ¹	0 ¹	0 ¹	0 ¹	0 ¹	0 ^c	4 ^c	4 ^c	3 ^c	3 ¹	0 ^c	0 ^c	0 ^c	0 ^c	0 ¹	0	4	4	3	3
		NC	1 ¹	1 ¹	1 ¹	1 ¹	1 ¹	5 ^c	1 ^c	1 ^c	1 ^c	1 ¹	0 ^{ca}	0 ^{ca}	0 ^{ca}	0 ^{ca}	0 ¹	6	2	2	1	2
	Sawn	All	0 ¹	0 ¹	0 ¹	0 ¹	0 ¹	8 ^c	10 ^c	7 ^c	5 ^c	5 ¹	0 ^{ca}	2 ^c	2 ^c	3 ^c	3 ¹	7	8	5	2	2
		C	0 ¹	0 ¹	0 ¹	0 ¹	0 ¹	0 ^c	0 ^{ca}	0 ^c	0 ^c	0 ¹	0 ^c	0 ^c	0 ^{ca}	0 ^c	0 ¹	0	0	0	0	0
		NC	0 ¹	0 ¹	0 ¹	0 ¹	0 ¹	8 ^c	10 ^c	7 ^c	5 ^c	5 ¹	0 ^{ca}	2 ^c	2 ^c	3 ^c	3 ¹	7	8	5	2	2
	Ven	All	4 ¹	1 ¹	1 ¹	1 ¹	1 ¹	0 ^c	0 ^{ca}	0 ^c	0 ^c	0 ¹	0 ^{ca}	0 ^{ca}	0 ^{ca}	0 ^{ca}	0 ¹	4	1	1	1	1
		C	0 ¹	0 ¹	0 ¹	0 ¹	0 ¹	0 ^c	0 ¹	0 ^c	0 ^c	0 ¹	0 ^c	0 ^c	0 ^c	0 ^c	0 ¹	0	0	0	0	0
		NC	4 ¹	1 ¹	1 ¹	1 ¹	1 ¹	0 ^{ca}	0 ^{ca}	0 ^c	0 ^c	0 ¹	0 ^{ca}	0 ^{ca}	0 ^{ca}	0 ^{ca}	0 ¹	4	1	1	1	1
	Ply	All	0 ¹	0 ¹	0 ¹	0 ¹	0 ¹	20 ^c	27 ^c	22 ^c	21 ^c	21 ¹	1 ^c	3 ^c	4 ¹	7 ^c	7 ¹	19	24	18	14	14
		C	0 ¹	0 ¹	0 ¹	0 ¹	0 ¹	0 ^c	6 ^c	3 ^c	5 ^c	5 ¹	0 ^c	2 ^c	3 ¹	5 ^c	5 ¹	0	4	0	0	0
		NC	0 ¹	0 ¹	0 ¹	0 ¹	0 ¹	20 ^c	21 ^c	19 ^c	16 ^c	16 ¹	1 ^c	2 ^c	1 ^c	2 ^c	2 ¹	19	20	18	14	14
(Taiwan Province of China)	Logs	All	36 [*]	36 ¹	36 ¹	36 ¹	36 ¹	1800 [*]	1090 ^c	1078 ^c	1250 ¹	1250 ¹	12 [*]	24 ^c	23 ^c	16 ^c	16 ¹	1824	1102	1091	1270	1270
		C	33 [*]	33 ¹	33 ¹	33 ¹	33 ¹	110 [*]	157 ^c	268 ^c	300 ¹	300 ¹	2 [*]	1 ^c	1 ^c	2 ^c	2 ¹	141	189	299	331	331
		NC	3 [*]	3 [*]	3 ¹	3 ¹	3 ¹	1690 [*]	933 ^c	810 ^c	950 ¹	950 ¹	10 [*]	24 ^c	22 ^c	14 ^c	14 ¹	1683	912	791	939	939
	Sawn	All	405 ¹	400 ¹	400 ¹	400 [*]	362 ¹	1292 [*]	1009 ^c	1412 ^c	1630 ¹	1630 ¹	38 [*]	102 ^c	101 ^c	76 ^c	76 ¹	1659	1307	1710	1954	1916
		C	55 ¹	50 [*]	50 ¹	50 [*]	12 [*]	614 [*]	433 ^c	980 ^c	989 ¹	989 ¹	15 [*]	21 ^c	20 ^c	18 ^c	18 ¹	654	462	1010	1021	983
		NC	350 ¹	350 ¹	350 ¹	350 ¹	350 ¹	678 [*]	576 ^c	432 ^c	641 ¹	641 ¹	23 [*]	81 ^c	81 ^c	58 ^c	58 ¹	1005	845	701	933	933
	Ven	All	100 ¹	100 ¹	100 ¹	100 ¹	100 ¹	187 [*]	150 ^c	165 ^c	163 ¹	163 ¹	2 [*]	5 ^c	7 ^c	10 ^c	10 ¹	285	245	257	252	253
		C	0 ¹	0 ¹	0 ¹	0 ¹	0 ¹	0 [*]	5 ^c	8 ^c	6 ^c	6 ¹	0 [*]	1 ^c	1 ^c	1 ^c	1 ¹	0	5	6	4	5
		NC	100 ¹	100 [*]	100 ¹	100 ¹	100 ¹	187 [*]	145 ^c	157 ^c	157 ¹	157 ¹	2 [*]	4 ^c	6 ^c	9 ^c	9 ¹	285	240	251	248	248
	Ply	All	820 [*]	820 [*]	826 ¹	509 ¹	826 ¹	810 [*]	1328 ^c	650 ^c	623 ^c	623 ¹	160 [*]	52 ^c	89 ^c	75 ^c	75 ¹	1470	2096	1388	1057	1374
		C	0 ¹	0 ¹	0 ¹	9 [*]	0 ¹	30 [*]	404 ^c	34 ^c	78 ^c	78 ¹	0	14 ^c	14 ^c	22 ^c	22 ¹	30	390	20	65	56
		NC	820 [*]	820 [*]	826 ¹	500 ¹	826 ¹	780 [*]	924 ^c	616 ^c	545 ¹	545 ¹	160 [*]	38 ^c	74 ^c	53 ^c	53 ¹	1440	1706	1368	992	1318

Table 1-1-a. Production, Trade and Consumption of All Timber by ITTO Consumers (1000 m3)

Country	Product	Species	Production					Imports					Exports					Domestic Consumption				
			1997	1998	1999	2000	2001	1997	1998	1999	2000	2001	1997	1998	1999	2000	2001	1997	1998	1999	2000	2001
Egypt	Logs	All	129 ' 1	131 ' 1	134 ' 1	134 ' 1	134 ' 1	207	170	219 ' 1	184 ' 1	184 ' 1	0	0	0 ' 1	0 ' 1	0 ' 1	336	301	353	318	318
		C	0	0	0 ' 1	0 ' 1	0 ' 1	173	146	197 ' 1	170 ' 1	170 ' 1	0	0	0 ' 1	0 ' 1	0 ' 1	173	146	197	170	170
		NC	129 ' 1	131 ' 1	134 ' 1	134 ' 1	134 ' 1	34	24	21 ' 1	14 ' 1	14 ' 1	0	0	0 ' 1	0 ' 1	0 ' 1	163	155	155	148	148
	Sawn	All	0	3	4 ' 1	4 ' 1	4 ' 1	2230	2456	2600 ' 1	2133 ' 1	2133 ' 1	0	0	0 ' 1	0 ' 1	0 ' 1	2230	2459	2604	2137	2137
		C	0	0	0 ' 1	0 ' 1	0 ' 1	1920	2237	2297 ' 1	1838 ' 1	1838 ' 1	0	0	0 ' 1	0 ' 1	0 ' 1	1920	2237	2297	1838	1838
		NC	0	3	4 ' 1	4 ' 1	4 ' 1	310	219	303 ' 1	295 ' 1	295 ' 1	0	0	0 ' 1	0 ' 1	0 ' 1	310	222	307	299	299
	Ven	All	25	12	22 ' 1	22 ' 1	22 ' 1	12	32	27 ' 1	30 ' 1	32 ' 1	0	0	0 ' 1	0 ' 1	0 ' 1	37	44	49	52	54
		C	20	11	20 ' 1	20 ' 1	20 ' 1	7	31	25 ' 1	29 ' 1	31 ' 1	0	0	0 ' 1	0 ' 1	0 ' 1	27	42	45	49	51
		NC	5	1	2 ' 1	2 ' 1	2 ' 1	5	1	2 ' 1	1 ' 1	1 ' 1	0	0	0 ' 1	0 ' 1	0 ' 1	10	2	4	3	3
	Ply	All	10	60 ' 1	85 ' 1	85 ' 1	85 ' 1	130	204	351 ' 1	277 ' 1	174 ' 1	0	0	0 ' 1	0 ' 1	0 ' 1	140	264	436	362	259
		C	6	53 ' 1	75 ' 1	75 ' 1	75 ' 1	10	79	151 ' 1	87 ' 1	79 ' 1	0	0	0 ' 1	0 ' 1	0 ' 1	16	132	226	162	154
		NC	4	7	10 ' 1	10 ' 1	10 ' 1	120	125	200 ' 1	190 ' 1	95 ' 1	0	0	0 ' 1	0 ' 1	0 ' 1	124	132	210	200	105
EU	Logs	All	222338	223845	224201	243469	227714	36021	43914	47964	56706	54205	12188	13188	13936	17805	17559	246171	254571	258230	282370	264359
		C	179561	177834	177158	193642	180469	16831	19302	24250	29499	27590	8016	8528	8732	10252	10282	188376	188608	192676	212889	197777
		NC	42777	46011	47043	49827	47244	19190	24612	23714	27206	26615	4172	4660	5204	7552	7278	57795	65963	65553	69481	66582
	Sawn	All	70788	72277	75221	79628	77045	33553	39307	40201	42926	41136	28894	30205	31531	32479	33489	75447	81379	83891	90075	84693
		C	63423	65179	67569	71226	69109	27871	31358	32419	34197	33165	27304	28318	29229	30000	31123	63990	68219	70759	75423	71152
		NC	7365	7098	7652	8402	7936	5682	7949	7782	8729	7971	1590	1887	2302	2479	2366	11457	13159	13132	14651	13541
	Ven	All	1235	1354	1455	1578	1519	796	879	874	860	1050	455	450	484	495	505	1576	1783	1845	1943	2064
		C	288	323	327	373	363	175	179	251	182	186	149	129	115	144	150	314	373	464	412	399
		NC	947	1031	1127	1204	1156	621	700	622	678	864	306	321	369	351	355	1262	1410	1381	1532	1665
	Ply	All	3145	3099	3219	3313	3271	4183	4668	4802	5186	4839	1896	2247	2532	2590	2479	5402	5520	5488	5909	5631
		C	1356	1317	1420	1508	1476	1958	2348	2176	2413	2291	915	1064	1201	1338	1217	2399	2601	2395	2583	2550
		NC	1789	1782	1799	1805	1795	2195	2320	2626	2773	2548	981	1183	1331	1262	1262	3003	2919	3094	3317	3081
Austria	Logs	All	11302	10858	10988	10416	10400	5277	5136	7093	8464	8464 ' 1	825	813	1040	950	950 ' 1	15754	15181	17042	17930	17914
		C	10507	10098	10186	9607	9600	4125	3971 ' 1	5765	7004	7004 ' 1	634	586 ' 1	622	461	461 ' 1	13998	13483	15329	16150	16143
		NC	795	760	802	809	800	1152	1165 ' 1	1328	1460	1460 ' 1	191	227 ' 1	417	489	489 ' 1	1756	1698	1713	1780	1771
	Sawn	All	8450	8709 ' 1	9628	10390	10130	1096	1050	1246	1869	1465	4953	4864	5895	6456	6555	4593	4895	4979	5803	5040
		C	8254	8534 ' 1	9400	10150	9900	904	846 ' 1	1035	1513	1250	4838	4753 ' 1	5652	6195	6400	4320	4627	4783	5468	4750
		NC	196	175 ' 1	228	240	230	192	204 ' 1	211	356	215	115	111 ' 1	243	261	155	273	268	196	335	290
	Ven	All	17 ' 1	17 ' 1	23 ' 1	23 ' 1	23 ' 1	16	28 ' 1	18	18	25	9	19 ' 1	14	14	18	24	26	27	27	30
		C	7 ' 1	7 ' 1	23 ' 1	23 ' 1	23 ' 1	4	6 ' 1	3	3	5 ' 1	2	3 ' 1	2	2	3 ' 1	9	10	24	24	25
		NC	10 ' 1	10 ' 1	0 ' 1	0 ' 1	0 ' 1	12	22 ' 1	15	15	20 ' 1	7	16 ' 1	12	12	15 ' 1	15	16	3	3	5
	Ply	All	150 ' 1	150	155 ' 1	155 ' 1	155 ' 1	120	121	136	148	160	166	179	192	229	200	104	92	99	74	115
		C	100 ' 1	100 ' 1	155 ' 1	155 ' 1	155 ' 1	40	58	70	82	88 ' 1	114 ' 1	153	154	199	170 ' 1	26	5	71	38	73
		NC	50 ' 1	50 ' 1	0 ' 1	0 ' 1	0 ' 1	80	63	66	66	72 ' 1	52	26	38	30	30 ' 1	78	87	28	36	42

Table 1-1-a. Production, Trade and Consumption of All Timber by ITTO Consumers (1000 m3)

Country	Product	Species	Production					Imports					Exports					Domestic Consumption				
			1997	1998	1999	2000	2001	1997	1998	1999	2000	2001	1997	1998	1999	2000	2001	1997	1998	1999	2000	2001
Belgium/ Luxembourg	Logs	All	2470	2480	--	--	--	2335	2760	--	--	--	972	930	--	--	--	3833	4310	--	--	--
		C	1750	1750	--	--	--	500	710	--	--	--	665	610	--	--	--	1585	1850	--	--	--
		NC	720	730	--	--	--	1835	2050	--	--	--	307	320	--	--	--	2248	2460	--	--	--
	Sawn	All	1150	1150	--	--	--	1736	2400	--	--	--	494	600	--	--	--	2392	2950	--	--	--
		C	880	880	--	--	--	1293	1500	--	--	--	381	400	--	--	--	1792	1980	--	--	--
		NC	270	270	--	--	--	443	900	--	--	--	113	200	--	--	--	600	970	--	--	--
	Ven	All	46 ¹	46 ¹	--	--	--	54	65	--	--	--	32	39	--	--	--	68	72	--	--	--
		C	5 ¹	5 ¹	--	--	--	12	13	--	--	--	1	5	--	--	--	16	13	--	--	--
		NC	41 ¹	41 ¹	--	--	--	42	52	--	--	--	31	34	--	--	--	52	59	--	--	--
	Ply	All	60 ¹	60 ¹	--	--	--	328	519	--	--	--	105	355	--	--	--	283	224	--	--	--
		C	20 ¹	20 ¹	--	--	--	113	173	--	--	--	18	57	--	--	--	115	136	--	--	--
		NC	40 ¹	40 ¹	--	--	--	215	346	--	--	--	87	298	--	--	--	168	88	--	--	--
Belgium	Logs	All	--	--	3850	2375	3560	--	--	3393	4248	3370	--	--	1246	1096	1015	--	--	5997	5527	5915
		C	--	--	3100	1250	2760	--	--	1092	2047	1170	--	--	859	774	635	--	--	3333	2523	3295
		NC	--	--	750	1125	800	--	--	2301	2201	2200	--	--	387	322	380	--	--	2664	3004	2620
	Sawn	All	--	--	1056	1160	1125	--	--	2167	2529	1700	--	--	999	807 ^a	735	--	--	2224	2882	2090
		C	--	--	892	950	925	--	--	1453	1701	1200	--	--	602	500 ^a	460	--	--	1743	2151	1665
		NC	--	--	164	210	200	--	--	714	828	500	--	--	397	307 ^a	275	--	--	481	731	425
	Ven	All	--	--	45 ^b	51	50 ¹	--	--	36 ^c	43 ^c	48 ^a	--	--	33 ^b	33 ^b	35 ^b	--	--	48	62	63
		C	--	--	0	0	0	--	--	5 ^c	8 ^c	8 ¹	--	--	3 ¹	3 ¹	5 ¹	--	--	2	5	3
		NC	--	--	45 ^b	51	50 ¹	--	--	30 ^c	35 ^c	40 ¹	--	--	30 ¹	30 ¹	30 ¹	--	--	45	57	60
	Ply	All	--	--	59 ^b	35 ^b	35 ^b	--	--	530	507	470 ^a	--	--	403 ^b	322 ^c	360 ^b	--	--	186	220	145
		C	--	--	20 ¹	10 ¹	10 ¹	--	--	164	180	90 ¹	--	--	89 ^b	79 ^c	80 ¹	--	--	95	111	20
		NC	--	--	39 ¹	25 ¹	25 ¹	--	--	366	327	380 ¹	--	--	314 ^b	244 ^c	280 ¹	--	--	91	108	125
Denmark	Logs	All	1073	1046	1216	2086	1060	909	729	664	467	558	212	279	289	843	510	1770	1496	1591	1710	1108
		C	753	754	915	1508	770	232	242	252	120	108	108	145	124	695	380	877	851	1043	933	498
		NC	320	292	301	578	290	677	487	412	347	450	104	134	165	148	130	893	645	548	777	610
	Sawn	All	583 ^a	238	344	364	370	2357	4383	4744	3253	4680	207	352	175	111	250	2733	4269	4913	3506	4800
		C	338 ^a	191	297	327	330	2244	4046	4569	3130	4500	141	227	114	96	200	2441	4010	4752	3361	4630
		NC	245 ^a	47	47	37	40	113	337	175	123	180	66	125	61	15	50	292	259	161	145	170
	Ven	All	2	11	12	30	5	28	65	149	31	200	5	7	22	6	10	25	69	139	55	195
		C	1	1	0	0	0	7	11	104	4	5 ¹	0	0	3	1	2 ¹	8	12	101	3	3
		NC	1	10	12	30	5	21	54	45	27	195 ¹	5	7	19	5	8 ¹	17	57	38	52	192
	Ply	All	16	14	15	16	2	226	302	222	243	300	38	38	69	41	70	204	278	168	218	232
		C	15	12	13	15	0	112	192	129	155	170 ¹	24	28	20	30	20 ¹	103	176	122	140	150
		NC	1	2	2	1	2 ¹	114	110	93	88	130 ¹	14	10	49	11	50 ¹	101	102	46	78	82

Table 1-1-a. Production, Trade and Consumption of All Timber by ITTO Consumers (1000 m3)

Country	Product	Species	Production					Imports					Exports					Domestic Consumption				
			1997	1998	1999	2000	2001	1997	1998	1999	2000	2001	1997	1998	1999	2000	2001	1997	1998	1999	2000	2001
Finland	Logs	All	47757	49541	49593	50147	49100	6735	9234	10160	9875	10350	640	711	758	519	620	53852	58064	58995	59503	58830
		C	42181	43632	43732	44369	43100	2754	3108	3899	4168	4500	621	692	743	501	600	44314	46048	46888	48036	47000
		NC	5576	5909	5861	5778	6000	3981	6126	6261	5707	5850	19	19	15	19	20	9538	12016	12107	11467	11830
	Sawn	All	10660	12300	12768	13380	12660	242	220	289	341	330	7533	8227	8292	8431	8395	3369	4293	4765	5290	4595
		C	10600	12240	12708	13320	12600	177	151	221	263	250	7508	8204	8269	8405	8370	3269	4187	4660	5178	4480
		NC	60	60	60	60	60	65	69	68	78	80	25	23	23	26	25	100	106	105	113	115
	Ven	All	83	93	74	84	84	14	6	9	7	7	77	85	80	90	90	20	14	3	1	1
		C	73	83	68	78	78	0	0	0	0	0	66	73	68	77	77	7	10	0	1	1
		NC	10	10	6	6	6	14	6	9	7	7	11	12	12	13	13	13	4	3	0	0
	Ply	All	987	992	1076	1167	1200	23	26	23	34	30	879	832	939	1006	1000	131	186	160	194	230
		C	487	454	578	647	660	3	5	3	2	2	426	383	510	546	540	64	76	71	103	122
		NC	500	538	498	520	540	20	21	20	31	28	453	449	429	460	460	67	110	89	91	108
France	Logs	All	32163	32718	33237	39120	34500	1736	1900	2085	2084	2085	2289	2368	2972	6009	6009	31610	32250	32350	35196	30576
		C	18975	19627	19916	23690	21200	403	411	477	569	569	433	626	835	2448	2448	18945	19412	19558	21811	19321
		NC	13188	13091	13321	15430	13300	1333	1489	1608	1516	1516	1856	1742	2137	3561	3561	12665	12838	12792	13385	11255
	Sawn	All	9607	9973	10236	12283	11100	2366	2766	3045	3369	3338	1017	1044	1105	1391	1380	10956	11695	12175	14261	13058
		C	6800	7197	7257	8708	8000	1827	2237	2473	2700	2680	455	511	535	730	724	8172	8923	9195	10678	9956
		NC	2807	2776	2979	3575	3100	539	529	572	669	658	562	533	571	661	656	2784	2772	2980	3583	3102
	Ven	All	140	149	149	153	150	98	102	91	101	122	63	69	62	77	72	175	182	179	177	200
		C	50	54	44	40	40	53	55	48	49	59	7	9	3	4	3	96	100	90	85	96
		NC	90	95	105	113	110	45	47	43	52	63	56	60	59	73	69	79	82	89	92	104
	Ply	All	566	472	546	561	554	310	325	332	348	387	223	222	243	225	258	653	575	634	683	683
		C	141	112	145	164	154	77	145	121	137	171	75	92	111	100	108	143	165	156	201	217
		NC	425	360	401	397	400	233	180	210	210	216	148	130	132	135	150	510	410	479	472	466
Germany	Logs	All	35488	36441	35063	46504	36500	1770	2255	2869	3256	2900	4135	4871	4552	4968	5000	33123	33825	33380	44792	34400
		C	29495	28118	26410	37626	27300	1415	1859	2446	2763	2400	3277	3710	3343	3372	3700	27633	26267	25513	37017	26000
		NC	5993	8323	8653	8878	9200	355	396	423	493	500	858	1161	1209	1596	1300	5490	7558	7867	7775	8400
	Sawn	All	14730	14972	16110	16722	16500	6132	6076	5514	5811	5390	2260	2669	2385	2493	3920	18602	18379	19239	20040	17970
		C	13682	13807	14537	15005	14800	5280	5301	4705	5040	4600	1895	2223	1891	1775	3200	17067	16885	17351	18270	16200
		NC	1048	1165	1573	1717	1700	852	775	809	771	790	365	446	494	718	720	1535	1494	1888	1770	1770
	Ven	All	350	360	284	284	300	201	210	177	208	220	115	120	113	124	130	436	450	348	368	390
		C	50	50	54	54	60	14	12	14	35	30	4	4	3	2	5	60	58	65	87	85
		NC	300	310	230	230	240	187	198	163	173	190	111	116	110	122	125	376	392	283	281	305
	Ply	All	448	428	364	340	325	1075	1105	1021	965	980	152	166	160	235	90	1371	1367	1225	1070	1215
		C	375	378	280	270	260	676	700	660	640	650	117	85	95	145	70	934	993	845	765	840
		NC	73	50	84	70	65	399	405	361	325	330	35	81	65	90	20	437	374	380	305	375

Table 1-1-a. Production, Trade and Consumption of All Timber by ITTO Consumers (1000 m3)

Country	Product	Species	Production					Imports					Exports					Domestic Consumption				
			1997	1998	1999	2000	2001	1997	1998	1999	2000	2001	1997	1998	1999	2000	2001	1997	1998	1999	2000	2001
Greece	Logs	All	547	495	812	796	799 ^a	190	283	292	286	286 ^a	20	3	3	3	3 ^a	717	775	1100	1079	1082
		C	336	324	449	440	443 ^a	70	107	111	109	109 ^a	8	0	0 ^a	0 ^a	0 ^a	398	431	559	548	551
		NC	211	171	363	356	356 ^a	120	176	181	177	177 ^a	12	3	3	3	3 ^a	319	344	541	531	531
	Sawn	All	130	137	140	137	137 ^a	370	881	893	875	875 ^a	102	106	110	108	108 ^a	398	912	923	904	904
		C	81	85	87	85	85 ^a	300	577	580	568	568 ^a	1	5	5	5	5 ^a	380	657	661	648	648
		NC	49	52	53	52	52 ^a	70	304	313	307	307 ^a	101	101	105	103	103 ^a	18	255	261	256	256
	Ven	All	5	6	7	7	7 ^a	10	11	11	11 ^a	11 ^a	1	1	1	1	1 ^a	14	16	16	16	16
		C	0	0	0	0	0 ^a	2	2	0 ^a	0 ^a	0 ^a	0	0	0 ^a	0 ^a	0 ^a	2	2	0	0	0
		NC	5	6	7	7	7 ^a	8	9	11	11 ^a	11 ^a	1	1	1	1	1 ^a	12	14	16	16	16
	Ply	All	31	32	34	34	34 ^a	35	15	15	15	15 ^a	18	18	18	18	18 ^a	48	29	31	31	31
		C	0	0	0	0	0 ^a	18	9	9	9	9 ^a	0	0	0 ^a	0	0 ^a	18	9	9	9	9
		NC	31	32	34	34	34 ^a	17	6	6	6	6 ^a	18	18	18	18	18 ^a	30	20	22	22	22
Ireland	Logs	All	2117	2193	2520	2600	2600 ^a	75	112	320	114	114 ^a	262	91	176	91	91 ^a	1930	2214	2664	2623	2623
		C	2084	2158	2485	2581	2581 ^a	56	65	289	80	80 ^a	260	90	175	45	45 ^a	1880	2133	2599	2616	2616
		NC	33	35	35	19	19 ^a	19	47	31	33	33 ^a	2	1	1	46	46 ^a	50	81	65	7	6
	Sawn	All	642	675	811	893 ^a	893 ^a	462	590	570	682	795	283	128	234	274	279	821	1137	1147	1301	1319
		C	632	665	804	886	886 ^a	352	434	429	525	555	276	121	227	266 ^a	270	708	978	1006	1145	1171
		NC	10	10	7	7 ^a	7 ^a	110	156	141	157	150	7	7	7	8 ^a	9	113	159	141	156	148
	Ven	All	0	10 ^a	3 ^a	3 ^a	3	9	9	5	5 ^a	5	1	0	1	1 ^a	1	8	19	7	7	7
		C	0	0	0	0	0	5 ^a	5	3	3 ^a	3	0 ^a	0 ^a	0 ^a	0 ^a	0 ^a	5	5	3	3	3
		NC	0	10 ^a	3 ^a	3 ^a	3	4 ^a	4	2	2 ^a	2	1 ^a	0 ^a	1	1 ^a	1	3	14	4	4	4
	Ply	All	0	0	0	0	0	70	104	142	124	120	3	20	2	2 ^a	2	67	84	140	122	118
		C	0	0	0	0	0	50 ^a	67	76	72	70	3 ^a	18	1	1 ^a	1	47	49	75	71	69
		NC	0	0	0	0	0	20 ^a	37	67	52	50	0 ^a	2	1	1 ^a	1	20	35	66	51	49
Italy	Logs	All	3924 ^a	4367	4213	3649	3865	4567 ^a	5120 ^c	4952	5805	5805 ^a	30 ^a	13 ^c	15	24	24	8461	9474	9150	9430	9646
		C	1075 ^a	1086	1156	1098	1115	2216 ^a	2177 ^c	2093	2585	2585 ^a	10 ^a	4 ^c	3	4	4	3281	3259	3246	3679	3696
		NC	2849 ^a	3281	3057	2551	2750	2351 ^a	2943 ^c	2859	3220	3220 ^a	20 ^a	9 ^c	12	20	20	5180	6215	5904	5751	5950
	Sawn	All	1650 ^a	1600	1630	1590	1600	6150	7295 ^a	7605	8380	7500	140 ^a	174 ^a	212	208	210	7660	8721	9023	9762	8890
		C	750 ^a	700	730	750	700	4700	5274 ^a	5551	6304	5500	90 ^a	49 ^a	51	41	50	5360	5925	6230	7013	6150
		NC	900 ^a	900	900	840	900	1450	2021 ^a	2054	2076	2000	50 ^a	125 ^a	161	167	160	2300	2796	2793	2749	2740
	Ven	All	300 ^a	300 ^a	450	525	490	200 ^a	183	175	199	180	40 ^a	28 ^c	22	28	27	460	455	603	696	643
		C	30 ^a	30 ^a	70 ^a	110 ^a	100 ^a	30 ^a	13	12	10	10 ^a	0 ^a	3 ^c	1	3	3 ^a	60	40	81	117	107
		NC	270 ^a	270 ^a	380 ^a	415 ^a	390 ^a	170 ^a	170	163	189	170 ^a	40 ^a	25 ^c	21	25	24 ^a	400	415	522	579	536
	Ply	All	400 ^a	420	450	465	425	300 ^a	420 ^a	367	422	380	110	139 ^a	139	146	135	590	701	678	741	670
		C	100 ^a	100 ^a	100 ^a	110 ^a	100 ^a	100 ^a	240 ^a	160	175	160 ^a	30 ^a	83 ^a	51	48	45 ^a	170	257	209	237	215
		NC	300 ^a	320 ^a	350 ^a	355 ^a	325 ^a	200 ^a	180 ^a	207	247	220 ^a	80 ^a	56 ^a	88	98	90 ^a	420	444	469	504	455

Table 1-1-a. Production, Trade and Consumption of All Timber by ITTO Consumers (1000 m3)

Country	Product	Species	Production					Imports					Exports					Domestic Consumption				
			1997	1998	1999	2000	2001	1997	1998	1999	2000	2001	1997	1998	1999	2000	2001	1997	1998	1999	2000	2001
Luxembourg	Logs	All	--	--	242	242 ^E	242 ^E	--	--	458	889	889 ^E	--	--	291	461	461 ^E	--	--	409	670	670
		C	--	--	120	120 ^E	120 ^E	--	--	451	637	637 ^E	--	--	227	129	129 ^E	--	--	345	628	628
		NC	--	--	121	121 ^E	121 ^E	--	--	7	253	253 ^E	--	--	64	332	332 ^E	--	--	65	42	42
	Sawn	All	--	--	133	133 ^E	133 ^E	--	--	74	71	71 ^E	--	--	50	31	31 ^E	--	--	158	173	173
		C	--	--	113	113 ^E	113 ^E	--	--	58	51	51 ^E	--	--	42	31	31 ^E	--	--	129	134	134
		NC	--	--	20	20 ^E	20 ^E	--	--	16	20	20 ^E	--	--	7	0	0 ^E	--	--	29	40	40
	Ven	All	--	--	0	0 ^E	0 ^E	--	--	0 ^A	0 ^A	0 ^E	--	--	0 ^A	0 ^E	0 ^E	--	--	0	0	0
		C	--	--	0	0 ^E	0 ^E	--	--	0 ^A	0 ^A	0 ^E	--	--	0 ^A	0 ^E	0 ^E	--	--	0	0	0
		NC	--	--	0	0 ^E	0 ^E	--	--	0 ^A	0 ^A	0 ^E	--	--	0	0 ^E	0 ^E	--	--	0	0	0
	Ply	All	--	--	0	0 ^E	0 ^E	--	--	8	8 ^E	0 ^E	--	--	0 ^A	0 ^E	0 ^E	--	--	7	7	0
		C	--	--	0	0 ^E	0 ^E	--	--	4	4 ^E	0 ^E	--	--	0 ^A	0 ^E	0 ^E	--	--	4	4	0
		NC	--	--	0	0 ^E	0 ^E	--	--	4	4 ^E	0 ^E	--	--	0 ^A	0 ^E	0 ^E	--	--	4	4	0
Netherlands	Logs	All	986	873	882	879	900	402	496	424	384	450	308	300	262	220	250	1080	1069	1043	1043	1100
		C	694	647	651	645	650	212	277	200	152	200	231	233	160	142	150	675	691	691	656	700
		NC	292	226	231	234	250	190	219	223	231	250	77	67	102	78	100	405	378	352	387	400
	Sawn	All	401	349	362	389	450	3431	3528	3598	3705	3750	377	402	427	383	375	3455	3475	3533	3711	3825
		C	223	196	203	247	300	2889	2923	2911	2957	3000	254	265	282	269	250	2858	2854	2832	2934	3050
		NC	178	153	159	143	150	542	605	687	748	750	123	137	145	114	125	597	621	701	777	775
	Ven	All	17	17	19	19	20	25	29	24	34	30	14	17	15	14	12	28	29	28	39	38
		C	0	0	0	0	0	8	8	9	11	10	1	2	1	1	1	7	6	8	10	9
		NC	17	17	19	19	20	17	21	15	23	20	13	15	14	13	11	21	23	19	29	29
	Ply	All	15	5	3	3	3	532	528	558	568	575	48	56	52	50	50	499	477	509	520	528
		C	0	0	0	0	0	277	245	243	274	275	17	18	13	15	15	260	227	230	260	260
		NC	15	5	3	3	3	255	283	315	293	300	31	38	38	35	35	239	250	280	261	268
Portugal	Logs	All	8428 ^E	7948	8378	8378 ^E	8378 ^E	1679	2122	1432	1310	1310 ^E	627 ^E	572	543	712	712 ^E	9480	9498	9267	8976	8976
		C	4575 ^E	4184	4180	4180 ^E	4180 ^E	144	167	118	158	158 ^E	126 ^E	95	127	96	96 ^E	4593	4256	4171	4241	4241
		NC	3853 ^E	3764	4198	4198 ^E	4198 ^E	1535	1955	1314	1152	1152 ^E	501 ^E	477	416	616	616 ^E	4887	5242	5095	4734	4734
	Sawn	All	1500	1490	1430	1427	1427 ^E	190	231	273	597	597 ^E	407	429	338	275	275 ^E	1283	1292	1365	1749	1749
		C	1050	1120	1080	1020	1020 ^E	29	44	50	41	41 ^E	400	416	325	262	262 ^E	679	748	806	799	799
		NC	450	370	350	407	407 ^E	161	187	223	556	556 ^E	7	13	14	13	13 ^E	604	544	559	950	950
	Ven	All	170 ^E	190 ^E	145 ^E	185 ^E	190 ^E	23	14	16	28	28 ^E	66	17	13	38	38 ^E	127	187	148	175	180
		C	50 ^E	40 ^E	25 ^E	25 ^E	30 ^E	7	3	3	5	5 ^E	55	13	10	30	30 ^E	2	30	18	0	5
		NC	120 ^E	150 ^E	120 ^E	160 ^E	160 ^E	16	11	13	23	23 ^E	11	4	3	8	8 ^E	125	157	130	175	175
	Ply	All	24 ^E	25	26	38	38 ^E	8	15	19	29	29 ^E	1	5	4	3	3 ^E	31	35	41	64	64
		C	4 ^E	10	10	10	10 ^E	4	6	6	8	8 ^E	1	4	3	3	3 ^E	7	12	13	15	15
		NC	20 ^E	15	16	28	28 ^E	4	9	14	21	21 ^E	0 ^A	1	1	0	0	24	23	29	49	49

Table 1-1-a. Production, Trade and Consumption of All Timber by ITTO Consumers (1000 m3)

Country	Product	Species	Production					Imports					Exports					Domestic Consumption				
			1997	1998	1999	2000	2001	1997	1998	1999	2000	2001	1997	1998	1999	2000	2001	1997	1998	1999	2000	2001
Spain	Logs	All	12433 ^f	13164	13160	13160	12600	2116	4136	3228	7514	7514 ¹	435 ^w	603 ^c	321	349	349 ¹	14114	16697	16066	20325	19765
		C	7590 ^f	7503	7460	7460	7200	236	906	807	1771	1771 ¹	268 ^w	339 ^c	206	153	153 ¹	7558	8070	8061	9078	8818
		NC	4843 ^f	5661	5700	5700	5400	1880	3230	2421	5744	5744 ¹	167 ^w	264 ^c	116	196	196 ¹	6556	8627	8005	11248	10948
	Sawn	All	3310 ^b	3178	3178	3178	3200	1707	2661 ^c	2842	3232	2900	107 ^w	79 ^c	80	91	91 ¹	4910	5760	5941	6318	6009
		C	2500 ^b	2437	2437	2437	2450	1279	1401 ^c	1641	1908	1800	82 ^w	47 ^c	40	51	51 ¹	3697	3791	4039	4294	4199
		NC	810 ^b	741	741	741	750	428	1260 ^c	1201	1323	1100	25 ^w	32 ^c	40	40	40 ¹	1213	1968	1902	2024	1810
	Ven	All	80 ¹	95	186	186 ^b	180	37	85	88	104 ^c	104 ¹	14 ^w	26 ^c	30	36 ^c	36 ¹	103	154	244	255	248
		C	10 ¹	15 ¹	36 ¹	36 ¹	30 ¹	6	18	20	22 ^c	22 ¹	5 ^w	6 ^c	5	6 ^c	6 ¹	11	27	51	52	46
		NC	70 ¹	80 ¹	150 ¹	150 ¹	150 ¹	31	67	68	82 ^c	82 ¹	9 ^w	20 ^c	25	30 ^c	30 ¹	92	127	193	203	202
	Ply	All	330	382	382	382	385	36	71	305	305 ^b	205	44 ^w	107 ^c	220	203	203 ¹	322	346	467	484	387
		C	4	15 ¹	12 ¹	12 ¹	15 ¹	12	42	136	136 ^b	85 ¹	1 ^w	56 ^c	83	100 ^b	100 ¹	15	1	65	48	0
		NC	326	367 ¹	370 ¹	370 ¹	370 ¹	24	29	169	169 ^b	120 ¹	43 ^w	51 ^c	137 ^b	103 ^b	103 ¹	307	345	402	436	387
Sweden	Logs	All	56400	54700	52800	55900	55250	7654	9172	10280	11721	9800	1393	1420	1315	1431	1495	62661	62452	61765	66189	63555
		C	52910	51436	49620	52300	52000	4081	5040	6083	7149	6100	1363	1394	1295	1397	1460	55628	55082	54408	58052	56640
		NC	3490	3264	3180	3600	3250	3573	4132	4197	4571	3700	30	26	20	34	35	7033	7370	7357	8137	6915
	Sawn	All	15619	15124	14858	15089	14700	212	257	232	249	240 ¹	10921	10996	11082	11225	10730	4910	4385	4008	4114	4210
		C	15419	14874	14608	14839	14500	106	134	138	188	170	10902	10975	11060	11188	10700	4623	4033	3686	3839	3970
		NC	200	250	250	250	200	106	123	94	61	70 ¹	19	21	22	37	30	287	352	322	274	240
	Ven	All	15	50	17	17	7	30	26	35	33	30	12	14	15	15	15	33	62	37	35	22
		C	12	38	7	7	2 ¹	12	13	13	16	14 ¹	8	10	11	10	10 ¹	16	41	10	13	6
		NC	3	12	10	10	5 ¹	18	13	21	17	16 ¹	4	4	4	5	5 ¹	17	21	27	22	16
	Ply	All	113	114	105	113	110	143	148	152	184	188	93	91	64	75	60	163	171	193	223	238
		C	110	114	105	113	110 ¹	59	67	76	87	88 ¹	79	74	52	54	48 ¹	90	107	129	146	150
		NC	3	0	0	0	0	84	81	76	97	100 ¹	14	17	13	21	12 ¹	73	64	64	76	88
U.K.	Logs	All	7250	7021	7248	7217	7960	576	459	314	289	310	40 ¹	214	152	129	70	7786	7266	7410	7378	8200
		C	6636	6517	6778	6768	7450	387	262	166	188	200	12 ¹	4	12	35	20	7011	6775	6932	6921	7630
		NC	614	504	470	449	510	189	197	148	101	110	28 ¹	210	140	94	50	775	491	478	456	570
	Sawn	All	2356	2382	2537	2492	2620	7102	6969	7108	7963	7595	93 ¹	135	147	195	155	9365	9216	9498	10260	10060
		C	2214	2253	2416	2389	2500	6491	6490	6604	7308	7000	81 ^b	122	135	185	150	8624	8621	8885	9512	9350
		NC	142	129	121	103	120	611	479	504	655	595	12 ^b	13	12	10	5	741	595	613	748	710
	Ven	All	10 ¹	10 ¹	40 ¹	10 ¹	10 ¹	51	46	40	38	40 ^b	6 ^b	8	62	17	20	55	48	18	31	30
		C	0 ¹	0 ¹	0 ¹	0 ¹	0 ¹	15	20	16	16	15 ¹	0 ¹	1	5	4	5 ¹	15	19	11	11	10
		NC	10 ¹	10 ¹	40 ¹	10 ¹	10 ¹	36	26	24	22	25 ¹	6 ¹	7	57	13	15 ¹	40	29	7	19	20
	Ply	All	5	5	5	5	5	947	969	971	1287 ¹	1000 ^b	16 ^b	19	27	34	30	936	955	949	1258	975
		C	0 ¹	2	2	2	2 ¹	417	399	319 ¹	451	425 ¹	10 ¹	13	19	19	17 ¹	407	388	302	434	410
		NC	5 ¹	3	3	3	3 ¹	530	570	652 ¹	836 ^c	575 ¹	6 ¹	6	8	15	13 ¹	529	567	647	824	565

Table 1-1-a. Production, Trade and Consumption of All Timber by ITTO Consumers (1000 m3)

Country	Product	Species	Production					Imports					Exports					Domestic Consumption				
			1997	1998	1999	2000	2001	1997	1998	1999	2000	2001	1997	1998	1999	2000	2001	1997	1998	1999	2000	2001
Japan	Logs	All	21545	19316	18737	17987	17987	20407	15189	16551	15948	13910	5	2	2	3	2	41947	34503	35286	33932	31895
		C	17315	15214	15026	14520	14520	13961	11351	12528	12241	11292	2	1	2	3	2	31274	26564	27552	26758	25810
		NC	4230	4102	3711	3467	3467	6446	3838	4023	3707	2618	3	1	0	0	0	10673	7939	7734	7174	6085
	Sawn	All	21709	18625	17952	17094	15748	12590	7539	9434	9951	8984	114	14	6	7	10	34185	26150	27380	27038	24722
		C	20719	17788	17270	16479	15260	10801	6639	8372	8806	8027	105	2	2	3	4	31415	24425	25640	25282	23283
		NC	990	837	682	615	488	1789	900	1062	1145	957	9	12	4	4	6	2770	1725	1740	1756	1439
	Ven	All	196	116	116	116	116	173	101	112	117	110	11	9	10	7	7	358	208	218	226	219
		C	46	24	24	24	24	46	22	27	29	17	0	0	0	0	0	92	46	51	53	41
		NC	150	92	92	92	92	127	79	85	88	93	11	9	10	7	7	266	162	167	173	178
	Ply	All	4539	3267	3261	3218	2881	5422	3938	4888	5033	5022	10	8	9	7	13	9951	7197	8140	8244	7890
		C	1439	1206	1355	1520	1599	490	306	424	404	367	0	3	2	3	9	1929	1509	1777	1921	1957
		NC	3100	2061	1906	1698	1282	4932	3632	4464	4629	4655	10	5	7	4	4	8022	5688	6363	6323	5933
Nepal	Logs	All	1284	1318	1318	1318	1318	3	3	0	0	0	0	0	0	0	0	1287	1321	1318	1318	1318
		C	54	58	58	58	58	0	0	0	0	0	0	0	0	0	0	54	58	58	58	58
		NC	1230	1260	1260	1260	1260	3	3	0	0	0	0	0	0	0	0	1233	1263	1260	1260	1260
	Sawn	All	630	630	630	630	630	3	3	0	0	0	0	0	0	0	0	633	633	630	630	630
		C	20	20	20	20	20	0	0	0	0	0	0	0	0	0	0	20	20	20	20	20
		NC	610	610	610	610	610	3	3	0	0	0	0	0	0	0	0	613	613	610	610	610
	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	4	5	5	5	5	2	2	0	0	0	0	0	0	0	0	6	7	5	5	5
		C	4	5	5	5	5	0	0	0	0	0	0	0	0	0	0	4	5	5	5	5
		NC	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0	2	2	0	0	0
New Zealand	Logs	All	17110	15452	17686	18898	17905	3	4	3	5	5	5952	4324	5804	5773	5773	11161	11132	11885	13131	12138
		C	16910	15252	17480	18663	17670	0	0	2	4	4	5952	4324	5802	5770	5770	10958	10928	11680	12897	11904
		NC	200	200	206	235	235	3	4	1	1	1	0	0	2	2	2	203	204	205	234	234
	Sawn	All	3136	3178	3653	3879	3806	34	30	29	36	33	1155	1187	1375	1521	1521	2015	2021	2307	2394	2318
		C	3130	3168	3643	3866	3801	22	16	16	20	20	1153	1186	1373	1519	1519	1999	1998	2285	2367	2302
		NC	6	10	10	13	5	12	14	13	16	13	2	1	1	2	2	16	23	22	27	16
	Ven	All	311	262	361	400	361	1	1	2	1	1	7	5	17	20	20	305	258	345	381	342
		C	310	262	361	400	361	0	0	1	0	0	7	5	17	20	20	303	257	345	380	341
		NC	1	0	0	0	0	1	1	1	1	1	0	0	1	0	0	2	1	0	1	1
	Ply	All	195	178	230	245	230	5	7	6	9	9	102	101	114	98	98	98	84	122	157	141
		C	195	178	230	245	230	2	3	3	5	5	101	101	114	96	96	96	80	118	154	139
		NC	0	0	0	0	0	3	4	3	4	4	1	0	0	2	2	2	4	3	2	2

Table 1-1-a. Production, Trade and Consumption of All Timber by ITTO Consumers (1000 m3)

Country	Product	Species	Production					Imports					Exports					Domestic Consumption				
			1997	1998	1999	2000	2001	1997	1998	1999	2000	2001	1997	1998	1999	2000	2001	1997	1998	1999	2000	2001
Norway	Logs	All	8047	7670	7706	7512	7573	2851	3494	3037	3315	2910	478	469	583	514	712 ¹	10420	10695	10160	10313	9771
		C	7881	7508	7606	7433	7424	2343	2735	2443	2684	2280	472	459	571	510	688 ¹	9752	9784	9478	9607	9016
		NC	166	162	100	79	149	508	759	594	631	630 ¹	6	10	12	4	24 ¹	668	911	682	706	755
	Sawn	All	2520	2545	2336	2463	2162	1028	971	839	945	1116	704	692	763	679	674	2844	2824	2412	2729	2604
		C	2500	2525	2336	2463	2150	958	918	775	879	1050	700	691	755	653	650	2758	2752	2356	2689	2550
		NC	20	20	0	0	12	70	53	64	66	66	4	1	8	26	24	86	72	56	40	54
	Ven	All	0	0	0 ¹	0 ¹	0 ¹	18	8	8	7	8 ¹	0 ¹	0 ¹	0 ¹	0 ¹	0 ¹	18	8	8	7	8
		C	0	0	0 ¹	0 ¹	0 ¹	6	2	2	2	3 ¹	0 ¹	0 ¹	0 ¹	0 ¹	0 ¹	6	2	2	2	3
		NC	0	0	0 ¹	0 ¹	0 ¹	12	6	6	5	5 ¹	0 ¹	0 ¹	0 ¹	0 ¹	0 ¹	12	6	6	5	5
	Ply	All	20 ¹	20	28	28 ¹	28	102	51	45	47	47 ¹	4	2	1	1	1 ¹	118	69	72	74	74
		C	18 ¹	18 ¹	24 ¹	24 ¹	24 ¹	57	27	23	24	24 ¹	2	1	0 ¹	0 ¹	0 ¹	73	44	47	48	48
		NC	2 ¹	2 ¹	4 ¹	4 ¹	4 ¹	45	24	22	23	23 ¹	2	1	1	1	1 ¹	45	25	25	26	26
Rep. of Korea	Logs	All	1062	1428	1694	1592	1592	8266	6716 ¹	6623	6735	6735	0 ¹	0 ¹	1 ¹	1 ¹	0 ¹	9328	8144	8316	8326	8327
		C	845	1057	1152	745	745	6968	5516 ¹	5516	5797	5797	0 ¹	0 ¹	0 ¹	0 ¹	0 ¹	7813	6573	6668	6542	6542
		NC	217	371	542	847	847	1298	1200 ¹	1107	938	938	0 ¹	0 ¹	1 ¹	0 ¹	0 ¹	1515	1571	1648	1785	1785
	Sawn	All	4758	2240	4300	4544 ¹	4570 ¹	985	697 ¹	697	729	729	20	7	7	17	20 ¹	5723	2930	4990	5256	5279
		C	4059	1900	3648	4044 ¹	4070 ¹	347	253 ¹	253	213	213	18	5	6	11	15 ¹	4388	2148	3895	4246	4268
		NC	699	340	652	500 ¹	500 ¹	638	444 ¹	444	516	516	2	2	1	6	5 ¹	1335	782	1095	1010	1011
	Ven	All	750	700 ¹	700 ¹	700 ¹	700 ¹	407	195 ¹	121	246	246	0 ¹	1	0 ¹	5	3	1157	894	821	941	943
		C	400	380 ¹	380 ¹	380 ¹	380 ¹	60	15 ¹	15	15	15	0 ¹	0	0 ¹	3	2 ¹	460	395	395	392	393
		NC	350	320 ¹	320 ¹	320 ¹	320 ¹	347	180 ¹	106	231	231	0 ¹	1	0 ¹	2	1 ¹	697	499	426	549	550
	Ply	All	1014	641	774	747	774	970	790 ¹	750	980	980 ¹	44	144	130	112	112	1940	1287	1394	1615	1642
		C	101	70 ¹	100 ¹	417	100	20	40 ¹	30 ¹	50 ¹	50 ¹	2	68 ¹	26 ¹	14 ¹	14 ¹	119	42	104	453	136
		NC	913	571 ¹	674 ¹	330	674	950	750 ¹	720 ¹	930 ¹	930 ¹	42	76 ¹	104 ¹	98 ¹	98 ¹	1821	1245	1290	1162	1506
Switzerland	Logs	All	3546 ¹	3476 ¹	3756	8328	3950	268 ¹	298	373	298	300	1125	1006	1220	3754	2240	2689	2768	2908	4872	2010
		C	2774 ¹	2714 ¹	3080	6662	3300	170 ¹	130	160	116	100	847	720	916	3407	1830	2097	2124	2324	3371	1570
		NC	772 ¹	762 ¹	676	1666	650	98 ¹	168	212	183	200	278	286	304	348	410	592	644	584	1501	440
	Sawn	All	1305	1400 ¹	1525	1625	1400	493	529	448	453	500	192	175	172	193	190	1606	1754	1800	1886	1710
		C	1100	1200 ¹	1300	1425	1250	388	420	363	368	400	134	119	112	134	130	1354	1501	1551	1659	1520
		NC	205	200 ¹	225	200	150	105	109	85	86	100	58	56	60	59	60	252	253	249	227	190
	Ven	All	30	30	30	30	30	4	5	5	4	5	10	13	12	13	15	24	22	23	21	20
		C	25 ¹	25 ¹	0	0	0 ¹	0 ¹	5	1	1	2 ¹	2 ¹	13	1	1	2 ¹	23	17	0	-0	0
		NC	5 ¹	5 ¹	30	30	30 ¹	4 ¹	0	4	4	3 ¹	8 ¹	0	11	12	13 ¹	1	5	23	22	20
	Ply	All	3	3	3	3	3	138	143	150	153	150	4	6	7	4	5	137	140	146	151	148
		C	2 ¹	2 ¹	0	0	0 ¹	100 ¹	143	99	103	100 ¹	2 ¹	6	1	1	1 ¹	100	139	98	102	99
		NC	1 ¹	1 ¹	3	3	3 ¹	38 ¹	0	51	50	50 ¹	2 ¹	0	6	4	4 ¹	37	1	48	49	49

Table 1-1-a. Production, Trade and Consumption of All Timber by ITTO Consumers (1000 m3)

Country	Product	Species	Production					Imports					Exports					Domestic Consumption				
			1997	1998	1999	2000	2001	1997	1998	1999	2000	2001	1997	1998	1999	2000	2001	1997	1998	1999	2000	2001
U.S.A.	Logs	All	416092	422034	425659	428452	431423	579	4911 ^a	6992	7291	7366	10864	12290	11739	11968	12218	405807	414655	420912	423775	426571
		C	277607	275021	276687	279680	281705	382	4607 ^a	6722	6975	7024	9413	10321	9718	9369	9463	268576	269307	273691	277286	279266
		NC	138485	147013	148972	148772	149718	197	304 ^b	270	316	342	1451	1969	2021	2599	2755	137231	145348	147221	146489	147305
	Sawn	All	111425	113698	120318	118750	121168	43579	45001	46303	47092	47787	6776	5388	6146	6217	6518	148228	153311	160475	159625	162437
		C	81453	81838	86551	84188	84005	42514	43704	44807	45410	45888	3886	2886	3336	3221	3396	120081	122656	128022	126377	126497
		NC	29972	31860	33767	34562	37163	1065	1297 ^c	1496	1682	1899	2890	2502	2810	2996	3122	28147	30655	32453	33248	35940
	Ven	All	190 ^d	260 ^d	175 ^d	185 ^d	125 ^d	295 ^d	503	365	403	441	285 ^a	581	311	336	321	200	182	230	252	245
		C	10 ^d	10 ^d	5 ^d	5 ^d	5 ^d	110 ^d	109	147	173	161 ^d	19 ^a	38	29	31	30 ^d	101	81	123	147	136
		NC	180 ^d	250 ^d	170 ^d	180 ^d	120 ^d	185 ^a	394	218	230	280 ^d	266 ^a	543	282	305	291 ^d	99	101	107	106	109
	Ply	All	17517	15732	17551	17271	17289	1938	2240	2494	2435	2364	1595	833	712	715	639	17860	17139	19333	18991	19014
		C	15897	14200 ^d	15767	15465	15464 ^d	92	186	530	487	466 ^d	1370	707	565	567	510 ^d	14619	13679	15732	15385	15420
		NC	1620	1532 ^d	1784	1806	1825 ^d	1846	2054 ^d	1964	1948	1898	225	126	147	148	129 ^d	3241	3460	3601	3606	3594
Consumers Total	Logs	All	934772	952438	951772	978636	945136	86278	88076	100204	112506	110509	32129	33957	37972	44789	44130	988921	1006557	1014004	1046353	1011515
		C	696766	689445	695636	717947	685038	51254	50850	61057	68718	66826	25739	26461	29160	32846	31960	722281	713833	727533	753819	719904
		NC	238006	262993	256136	260690	260098	35024	37226	39147	43787	43682	6390	7496	8812	11943	12170	266640	292724	286471	292534	291611
	Sawn	All	305065	301722	315187	317663	313336	101655	102017	109555	113271	111873	87369	86616	91599	92170	90957	319352	317123	333143	338764	334252
		C	254525	251436	263037	264411	258053	88106	87672	92364	95036	93972	81127	80464	83367	84624	83522	261504	258644	272033	274824	268504
		NC	50540	50286	52150	53252	55283	13549	14345	17191	18234	17901	6242	6152	8232	7546	7436	57848	58479	61110	63941	65749
	Ven	All	3489	3450	3646	3848	3599	2556	2537	2665	2777	3034	1420	1762	1654	1701	1698	4625	4226	4657	4923	4935
		C	1421	1360	1533	1618	1498	441	414	508	508	507	426	484	488	546	546	1436	1290	1554	1580	1459
		NC	2068	2090	2112	2229	2101	2115	2123	2157	2269	2526	994	1277	1166	1156	1152	3189	2936	3103	3343	3475
	Ply	All	36852	33651	35390	37520	37520	16124	15979	15644	16513	15634	5134	4335	5046	5329	5425	47842	45295	45988	48704	47728
		C	25356	23680	24995	26505	26246	3177	3787	3715	4036	3804	3355	2531	2761	2958	2829	25178	24935	25949	27583	27220
		NC	11496	9971	10395	11015	11274	12947	12192	11930	12478	11830	1779	1804	2285	2381	2596	22664	20359	20040	21112	20508
ITTO Total	Logs	All	1129309	1141019	1160983	1191081	1159057	89314	91324	104281	117066	114892	48733	47395	53105	61637	59077	1169890	1184948	1212159	1246510	1214872
		C	735366	728353	741586	764142	732405	51646	51223	61520	69175	67289	26194	27177	29478	33387	32382	760818	752399	773628	799931	767312
		NC	393943	412666	419397	426939	426652	37668	40101	42761	47891	47603	22539	20218	23626	28251	26695	409072	432549	438531	446579	447560
	Sawn	All	352128	345456	358484	362906	359064	104329	104071	111673	115678	114354	94277	93099	98843	101398	101395	362180	356428	371314	377187	372023
		C	265442	262106	272222	274251	267816	88402	87847	92637	95363	94269	81972	81253	84588	85937	85282	271872	268700	280271	283678	276802
		NC	86686	83350	86262	88655	91248	15927	16224	19036	20315	20085	12305	11847	14255	15461	16113	90308	87728	91043	93509	95220
	Ven	All	5990	5602	6190	6710	6221	2716	2676	2959	3004	3256	2877	3246	3260	3293	3160	5828	5032	5889	6421	6317
		C	1619	1577	1840	1935	1765	462	425	521	530	524	491	514	531	575	573	1590	1487	1830	1890	1717
		NC	4371	4025	4350	4775	4456	2254	2251	2437	2474	2732	2386	2730	2728	2718	2587	4239	3545	4058	4531	4600
	Ply	All	53569	48457	50560	52933	52015	16269	16154	15933	16682	15763	18480	16270	16243	15620	16018	51358	48341	50250	53995	51760
		C	26105	24518	26360	27976	27586	3185	3850	3872	4148	3876	3458	2789	3428	3529	3269	25832	25579	26804	28595	28193
		NC	27464	23938	24200	24957	24430	13084	12304	12062	12535	11887	15022	13480	12815	12102	12750	25526	22762	23447	25390	23567

Table 1-1-b. Production, Trade and Consumption of Tropical Timber by ITTO Consumers (1000 m³)

Country	Product	Production					Imports					Exports					Domestic Consumption				
		1997	1998	1999	2000	2001	1997	1998	1999	2000	2001	1997	1998	1999	2000	2001	1997	1998	1999	2000	2001
Australia	Logs	33	40 ¹	50 ¹	50 ¹	50 ¹	0 ^a	0	0	0	0	0	0	0	0	0	33	40	50	50	50
	Sawn	12	20 ¹	27 ¹	27 ¹	27 ¹	88	91	89	101	105	0	0	0	0	0	100	111	116	128	132
	Ven	0 ¹	0 ¹	0	0	0	12	0 ^a	0 ^a	0 ^a	0	0	0	0	0	0	12	0	0	0	0
	Ply	5 ¹	2 ¹	0	0	0	37	52	19	14	12	0	0	0	0	0	42	54	19	14	12
Canada	Logs	0	0	0	0	0	0 ^a	1	2	4	4 ¹	0 ^a	0 ^a	0 ^a	0 ^a	0	0	1	1	4	4
	Sawn	0	0	0	0	0	12	15	30 ¹	30 ¹	30 ¹	1	0 ^a	0 ^a	7 ¹	8 ¹	11	15	30	23	22
	Ven	0	0	0	0	0	5	12	16	16	20	1	1	1	1	1	4	11	14	14	19
	Ply	0	0	0	0	0 ¹	96	84	80	102	102 ¹	16	8	11	38 ¹	35 ¹	80	76	69	64	67
China	Logs	200 ¹	275 ¹	200 ¹	250 ¹	250 ¹	2852	2761	4796	6100 ¹	7344 ¹	17 ¹	0 ^a	0 ^c	5 ¹	4 ¹	3035	3036	4996	6345	7590
	Sawn	800 ¹	800 ¹	800 ¹	950 ¹	950 ¹	661	800	1465	1972 ^c	2100 ¹	8	1	2 ^c	3 ¹	3 ¹	1453	1599	2263	2920	3047
	Ven	50 ¹	50 ¹	50 ¹	50 ¹	50 ¹	417	397 ¹	611 ^c	589 ^c	589 ¹	1 ¹	1	2 ^c	1	1 ¹	466	446	659	637	638
	Ply	900 ¹	1000 ¹	2100 ¹	2500 ¹	3400 ¹	1369	2084	953	902 ^c	600 ¹	10 ¹	78	64 ^c	365	600 ¹	2259	3006	2989	3036	3400
(Hong Kong S.A.R.)	Logs	5 ¹	5 ¹	5 ¹	5 ¹	5 ¹	250 ¹	500 ¹	731 ^c	700 ¹	700 ¹	135 ^c	205 ^c	700 ¹	680 ¹	680 ¹	120	300	36	25	25
	Sawn	20 ¹	30 ¹	30 ¹	30 ¹	30 ¹	155 ^c	164 ^c	1030 ^c	133 ^c	133 ¹	167 ^c	189 ^c	827 ^c	25 ^c	25 ¹	7	5	232	139	138
	Ven	20 ¹	20 ¹	20 ¹	20 ¹	20 ¹	0 ^{ca}	0 ^{ca}	48 ^c	3 ^c	3 ¹	0 ^{ca}	0 ^{ca}	4 ¹	3 ^c	3 ¹	20	20	64	20	20
	Ply	20 ¹	30 ¹	30 ¹	30 ¹	30 ¹	22 ^c	19 ^{ca}	106 ^c	300 ¹	300 ¹	13 ^c	6 ^c	55 ^c	55 ¹	55 ¹	29	43	81	275	275
(Macao S.A.R.)	Logs	1 ¹	1 ¹	1 ¹	1 ¹	1 ¹	5 ^c	1 ^c	1 ^c	0 ^c	0 ¹	0 ^{ca}	0 ^{ca}	0 ^{ca}	0 ^{ca}	0 ¹	6	2	2	1	1
	Sawn	0 ¹	0 ¹	0 ¹	0 ¹	0 ¹	8 ^c	10 ^c	7 ^c	4 ^c	4 ¹	0 ^{ca}	2 ^c	2 ^c	3 ^c	3 ¹	7	8	4	1	1
	Ven	4 ¹	1 ¹	1 ¹	1 ¹	1 ¹	0 ^{ca}	0 ^{ca}	0 ^c	0 ^c	0 ¹	0 ^{ca}	0 ^{ca}	0 ^{ca}	0 ^{ca}	0 ¹	4	1	1	1	1
	Ply	0 ¹	0 ¹	0 ¹	0 ¹	0 ¹	20 ^c	21 ^c	19 ^c	16 ^c	16 ¹	1 ^c	2 ^c	1 ^c	2 ^c	2 ¹	19	20	18	14	14
(Taiwan Province of China)	Logs	3 ^a	3 ^a	3 ¹	3 ¹	3 ¹	1200 ¹	913 ^c	806 ^c	950 ¹	950 ¹	10 ¹	3 ^c	2 ^c	1 ^c	1 ¹	1193	913	807	952	952
	Sawn	40 ¹	40 ¹	40 ¹	40 ^a	40	450 ^a	381 ^c	251 ^c	300 ¹	300 ¹	1 ^a	10 ^c	9 ^c	6 ^c	6 ¹	489	411	282	334	334
	Ven	50 ¹	50 ¹	40 ¹	40	40	150 ^a	139 ^c	150 ^c	140 ¹	140 ¹	2 ^a	1 ^c	1 ^c	2 ^c	2 ¹	198	188	189	178	178
	Ply	650 ¹	510 ¹	450 ¹	500 ¹	500 ¹	362 ^a	919 ^c	603 ^c	530 ¹	530 ¹	23 ^a	22 ^c	13 ^c	3 ^c	3 ¹	989	1407	1039	1027	1027
Egypt	Logs	0	0	0 ¹	0 ¹	0 ¹	10	4	0 ¹	0 ¹	0 ¹	0	0	0 ¹	0 ¹	0 ¹	10	4	0	0	0
	Sawn	0	2 ¹	0 ¹	0 ¹	0 ¹	3	3	3 ¹	3 ¹	3 ¹	0	0	0 ¹	0 ¹	0 ¹	3	5 ¹	3	3	3
	Ven	2	0	0 ¹	0 ¹	0 ¹	5	1	0 ^a	0 ^a	1 ¹	0	0	0 ¹	0 ¹	0 ¹	7	1	0	0	1
	Ply	4	0	0 ¹	0 ¹	0 ¹	110	125	80 ¹	189 ¹	95 ¹	0	0	0 ¹	0 ¹	0 ¹	114	125	80	189	95

Table 1-1-b. Production, Trade and Consumption of Tropical Timber by ITTO Consumers (1000 m³)

Country	Product	Production					Imports					Exports					Domestic Consumption				
		1997	1998	1999	2000	2001	1997	1998	1999	2000	2001	1997	1998	1999	2000	2001	1997	1998	1999	2000	2001
EU	Logs	0	0	0	0	0	2097	2584	2332	2568	2439	56	93	119	183	110	2041	2491	2213	2386	2329
	Sawn	613	660	550	590	564	1976	2556	2352	2788	2493	208	315	397	415	380	2381	2901	2505	2964	2677
	Ven	237	357	304	390	392	349	302	180	252	237	71	83	85	99	107	515	576	399	543	522
	Ply	474	529	600	537	541	1347	1691	1659	1704	1585	274	470	585	496	545	1547	1750	1674	1745	1581
Austria	Logs	0	0	0	0	0	4	1	1 ¹	2 ¹	0 ¹	1 ¹	1 ¹	0 ¹	0 ¹	0 ¹	3	0	1	2	0
	Sawn	0 ¹	0	0	0 ¹	0	9	5 ¹	7	7	8	2	1	1	1	1	7	4	6	5	7
	Ven	0 ¹	0 ¹	0 ²	0 ²	0 ²	2	1 ¹	1	2	2	1	1	0 ²	1	1	1	0	1	1	1
	Ply	0 ¹	0	0 ²	0 ²	0 ²	16	15 ¹	9	13	13 ¹	1	1	3	3	3 ¹	15	14	6	11	10
Belgium/ Luxembourg	Logs	0	0	--	--	--	88	80	--	--	--	18	20	--	--	--	70	60	--	--	--
	Sawn	15 ¹	10 ¹	--	--	--	192	276	--	--	--	53	120	--	--	--	154	166	--	--	--
	Ven	5 ¹	5 ¹	--	--	--	22	18	--	--	--	10	6	--	--	--	17	17	--	--	--
	Ply	10 ¹	8 ¹	--	--	--	187	328	--	--	--	61	194	--	--	--	136	142	--	--	--
Belgium	Logs	--	--	0	0	0	--	--	67 ¹	88 ¹	50 ¹	--	--	29	36	30 ¹	--	--	38	52	20
	Sawn	--	--	10 ¹	10	10	--	--	331	402	300	--	--	232	207 ²	190	--	--	109	205	120
	Ven	--	--	20 ¹	18	18	--	--	13 ²	16 ²	30 ²	--	--	14 ²	15 ²	17 ²	--	--	19	19	31
	Ply	--	--	10 ²	10	10	--	--	336	317 ¹	370 ²	--	--	275 ²	217 ²	250 ²	--	--	71	110	130
Denmark	Logs	0	0	0	0	0	92	11	9	6	15	1	1	2	1	1	91	10	7	5	14
	Sawn	45 ¹	5 ¹	0	0	0	34	38	42	40	45	9	10	9	7	10	70	33	33	33	35
	Ven	0	0	0	3 ¹	5 ¹	6	20	25	7 ²	6 ¹	2	2	1	1	5	4	18	24	9	6
	Ply	0	1	1	0	2 ¹	63	51	54	43	50	8	9	5	6	10	55	43	50	37	42
Finland	Logs	0	0	0	0	0	0	0	0 ²	0 ²	0	0	0 ²	0	0 ²	0	0	0	0	0	0
	Sawn	0	0	0	0	0	9	11	7	7	7	0	2	1	3	3	9	9	6	4	4
	Ven	0	0	0 ²	0 ²	0 ²	1	6	1	1	1	0	0 ²	0	0 ²	0	1	6	1	1	1
	Ply	0	0	0	0	0	3	2	1	1	1	0	1	0	0 ²	0	3	1	1	0	1
France	Logs	0	0	0	0	0 ²	740	886	798 ²	822 ²	822 ¹	10	38	53 ²	35 ²	35 ¹	730	848	745	787	787
	Sawn	265	262	250	257	234 ²	263	247	252 ²	393 ²	385 ²	13	13	13 ²	34 ²	33 ²	515	496	489	617	586
	Ven	0 ¹	5 ¹	0 ²	0	0 ²	29	26	26 ²	33 ²	53 ²	28	31	24 ²	27 ²	31 ²	1	0	2	6	22
	Ply	285 ¹	320	319	311	315 ²	95	110	105 ²	134 ²	115 ²	128	122	131 ²	130 ²	150 ²	252	308	293	315	280
Germany	Logs	0	0	0	0	0	135	165	133	161	120	14	24	28	46	30	121	141	105	115	90
	Sawn	40 ¹	40 ¹	20 ¹	10	10	177	166	176	157	150	32	40	33	46	30	185	166	163	121	130
	Ven	10 ¹	10 ¹	15	20	20	66	79	55 ²	57 ²	50 ¹	10	5	13	13	15 ¹	66	84	57	64	55
	Ply	25 ¹	30 ¹	30 ¹	30	28	209	205	151	197	160	4	26	16	9	12	230	209	165	218	176

Table 1-1-b. Production, Trade and Consumption of Tropical Timber by ITTO Consumers (1000 m³)

Country	Product	Production					Imports					Exports					Domestic Consumption				
		1997	1998	1999	2000	2001	1997	1998	1999	2000	2001	1997	1998	1999	2000	2001	1997	1998	1999	2000	2001
Greece	Logs	0	0	0	0	0 ^a	75	74	76	75	75 ¹	0	0	0 ^a	0 ^a	0 ^a	75	74	76	75	75
	Sawn	10 ¹	10 ¹	0	0	0 ^a	15	13	21 ¹	21 ¹	21 ¹	2	0	0	0	0 ^a	23	23	21	21	21
	Ven	5	6	7	7	7 ^a	1	1	1 ¹	1 ¹	1 ¹	0	1	1	1	1 ^a	6	6	7	7	7
	Ply	24	25	26	26	26 ^a	2	3	6	6	6 ¹	10	15	16	16	16 ^a	16	13	16	16	16
Ireland	Logs	0	0	0	0	0 ¹	13	31	18	20	20 ¹	2	1	1	6 ¹	6 ¹	11	30	18	14	14
	Sawn	5 ¹	5 ¹	5 ¹	5 ¹	5 ¹	49	88	93	110	110	0	5	6	7 ^a	9	54	88	92	108	106
	Ven	0 ¹	10 ¹	3 ¹	3 ¹	3 ¹	1	3	1	1 ^a	1	0	0 ^a	1	1 ^a	1	1	13	3	3	3
	Ply	0 ¹	0 ¹	0	0	0 ¹	8	30	24	22	22	0	2	1	1 ^a	1	8	28	23	21	21
Italy	Logs	0	0	0	0	0	230	477	292	416 ^c	416 ¹	0 ^a	0 ^a	0 ^a	0 ^a	0 ^a	230	477	292	415	416
	Sawn	50 ¹	90 ¹	50 ¹	60 ¹	60 ¹	160	470	297	282	290	5	32	21	9	10	205	528	326	333	340
	Ven	75 ¹	140 ¹	90 ¹	130 ¹	130 ¹	160	90	9	65 ^c	25	2 ¹	11 ^c	3	5	5	233	219	96	190	150
	Ply	10 ¹	25 ¹	25 ¹	25 ¹	25 ¹	95 ¹	166 ^c	58	57	55	10 ¹	34 ^c	28	33	30	95	157	55	49	50
Luxembourg	Logs	--	--	0	0 ^a	0 ^a	--	--	0 ^a	4	4 ¹	--	--	0	1 ¹	1 ¹	--	--	0	3	3
	Sawn	--	--	0	0 ^a	0 ^a	--	--	0 ^a	7	7 ^a	--	--	0 ^a	0 ^a	0 ^a	--	--	0	7	7
	Ven	--	--	0	0 ^a	0 ^a	--	--	0 ^a	0 ^a	0 ^a	--	--	0	0 ^a	0 ^a	--	--	0	0	0
	Ply	--	--	0	0 ^a	0 ^a	--	--	2	2 ^a	0 ^a	--	--	0 ^a	0 ^a	0 ^a	--	--	2	2	0
Netherlands	Logs	0	0	0	0	0	93	91	87	91	90	6	4	2	5	3	87	87	85	87	87
	Sawn	40	40	45	40	40	305	358	385	471	450	67	82	70	66	60	278	316	360	445	430
	Ven	17	16	18	18	18	9	10	7	4	5	11	12	12	11	10	15	14	13	10	13
	Ply	10	5	3	3	3	196	212	239	220	200	25	28	29	30	30	181	189	213	192	173
Portugal	Logs	0	0	0	0 ¹	0 ¹	325	485	368	490 ¹	490 ¹	1	4	2	3	3 ¹	324	481	366	487	487
	Sawn	95	150 ¹	100	160 ¹	160 ¹	89	54	74	110	110 ¹	5	6	6	1	1 ¹	179	198	168	269	269
	Ven	90 ¹	130 ¹	100 ¹	150 ¹	150 ¹	10	2	3	7	7 ¹	3	2	2	3	3 ¹	97	130	101	154	154
	Ply	15 ¹	15	16	12	12 ¹	1	2	3	4	4 ¹	0 ^a	0 ^a	0 ^a	0	0 ^a	16	17	18	16	16
Spain	Logs	0	0 ¹	0	0	0	289	265	456	327 ^c	327 ¹	1 ^a	0 ^a	1 ¹	1 ¹	1 ¹	288	265	455	326	326
	Sawn	40 ¹	40 ¹	60 ¹	40 ¹	40 ¹	368	625 ^c	447	443	300	14 ^a	3 ^c	3	26	26 ¹	394	662	504	456	314
	Ven	35 ¹	35 ¹	50 ¹	40 ¹	40 ¹	30	37	33	44 ^c	44 ¹	2 ^a	12 ^c	14	13 ^c	13 ¹	63	60	69	71	71
	Ply	95 ¹	100 ¹	170 ¹	120 ¹	120 ¹	3	21	10	27 ^a	10 ¹	17 ^a	34 ^c	80	43	43 ¹	81	87	100	104	87
Sweden	Logs	0	0	0	0	0	1	2	1	2	1	0 ^a	0 ^a	0 ^a	0 ^a	0	1	2	1	2	1
	Sawn	1 ¹	1	0	0	0	6	7	9	11	10	1	1	2	3	2	6	7	8	9	8
	Ven	0 ¹	0 ¹	1	1	1	2	3	2	2	2	0 ^a	0 ^a	0 ^a	1	0	2	3	2	3	3
	Ply	0 ¹	0	0	0	0	9	9	10	8	4	5	4	0 ^a	0 ^a	0	4	5	10	7	4

Table 1-1-b. Production, Trade and Consumption of Tropical Timber by ITTO Consumers (1000 m³)

Country	Product	Production					Imports					Exports					Domestic Consumption				
		1997	1998	1999	2000	2001	1997	1998	1999	2000	2001	1997	1998	1999	2000	2001	1997	1998	1999	2000	2001
United Kingdom	Logs	0	0	0	0	0	12	16	24	65	10	2 ¹	0	0	49	0	10	16	24	17	10
	Sawn	7 ¹	7	10 ¹	8 ¹	5	300	198	210	328	300	5 ¹	0	0	5	5	302	205	220	331	300
	Ven	0	0 ¹	0	0	0	10	6	4	11	10 ¹	2	0	0	6	5	8	6	4	5	5
	Ply	0	0	0	0	0	460	537	652	655 ^c	575 ¹	5 ¹	0	0	7	0	455	537	652	647	575
Japan	Logs	0	0	0	0	0 ¹	5854	3427	3526	3141	2147	0 ^a	0 ^a	0	0 ^a	0	5854	3427	3526	3141	2147
	Sawn	564	428	341	308	268	1137	564	660	687	605	0 ^a	0 ^a	0 ^a	0 ^a	0 ^a	1701	992	1001	995	873
	Ven	150	75 ¹	80 ¹	70 ¹	70 ¹	93	52	53	48	45	0 ^a	0 ^a	0 ^a	0 ^a	1	243	127	133	118	114
	Ply	3100 ¹	1750 ¹	1880 ¹	1660 ¹	1050 ¹	4835	3583	4415	4555	4530	1	1	1	1	1	7934	5332	6294	6214	5579
Nepal	Logs	0	0	0 ¹	0 ¹	0 ¹	3	3 ¹	0	0	0 ¹	0	0 ¹	0	0	0 ¹	3	3	0	0	0
	Sawn	2 ¹	2 ¹	0 ¹	0 ¹	0 ¹	3	3 ¹	0 ¹	0 ^c	0 ¹	0	0 ¹	0	0	0 ¹	5	5	0	0	0
	Ven	0	0	0 ¹	0 ¹	0 ¹	0	0 ¹	0 ¹	0 ^c	0 ¹	0	0 ¹	0 ¹	0	0 ¹	0	0	0	0	0
	Ply	0	0	0 ¹	0 ¹	0 ¹	2	2 ¹	0 ¹	0 ^c	0 ¹	0	0 ¹	0 ^c	0	0 ¹	2	2	0	0	0
New Zealand	Logs	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	1	1	1	1
	Sawn	0	0	0	0	0	10	3	3	3	3	0	0	0 ^a	0 ^a	0 ^a	10	3	3	3	3
	Ven	1	0	0	0	0	0	0	1	1	0 ^a	0	0	0 ^a	0 ^a	0 ^a	1	0	1	1	0
	Ply	0	0	0	0	0	3	4	3	4	3	0	0	0 ^a	2	2	3	4	3	2	2
Norway	Logs	0	0	0	0	0	0 ¹	1 ¹	1 ¹	1 ¹	0 ¹	0	0	0 ^a	0 ^a	0 ^a	0	1	1	1	0
	Sawn	0	0	0	0	0	10 ¹	5	12	7	6	0	0 ^a	7	0 ^a	3	10	5	5	7	3
	Ven	0	0	0 ¹	0 ¹	0 ¹	2	3	2	3	2	0	0 ^a	0 ^a	0 ^a	0 ^a	2	3	2	3	2
	Ply	0	0	0	0	0	10	6	4	4	4 ¹	2	1	1	1	1 ¹	8	5	3	3	3
Republic of Korea	Logs	0	0	0 ¹	0 ¹	0 ¹	1181	749	967	912	912	0 ^a	0 ¹	1 ^c	0 ¹	0 ¹	1181	749	966	912	912
	Sawn	170 ¹	177 ¹	250 ¹	250 ¹	250 ¹	391	246	272	230	230	1	1	0 ¹	3 ¹	3 ¹	560	422	522	477	477
	Ven	1 ¹	1 ¹	0 ¹	0 ¹	0 ¹	263	59	55	168	168	0 ¹	0 ¹	0 ¹	0 ¹	0 ¹	264	60	55	168	168
	Ply	456	300 ¹	380 ¹	330	330	895	456	715 ^c	890 ^c	890 ¹	1	9	0 ¹	1 ^c	1 ¹	1350	747	1094	1219	1219
Switzerland	Logs	0	0	0	0	0	7	8	10	10	12	0 ^a	0 ^a	0 ^a	0 ^a	0	7	8	10	10	12
	Sawn	3 ¹	0 ^a	6	6	10	9	11	11	13	10	0 ^a	0 ^a	0 ^a	1	1	12	11	17	18	19
	Ven	1 ¹	1 ¹	0	0	0	0 ¹	0 ¹	0 ^a	0 ^a	0	0	0	0 ^a	0 ^a	0	1	1	0	0	0
	Ply	0	0	0	0	0	1 ¹	0	10	9	0	0	0	0 ^a	0 ^a	0	1	0	9	9	0
U.S.A.	Logs	0	0	0	0	0	4	1	1	2	2	2	1 ¹	1 ¹	2 ¹	2 ¹	2	0	0	0	0
	Sawn	0	0	0	0	0	325	352 ¹	284	330	340	27	36	60	67	62	298	316	224	263	278
	Ven	0 ^a	0 ¹	0	0	0	53 ^a	43	25	25	26	3 ^a	5	4	5	5	50	38	22	21	21
	Ply	0	0	0	0	0	1396	1559 ¹	1708 ^c	1525 ^c	1500 ¹	79	23	16	15	17	1317	1536	1692	1510	1483

Table 1-1-b. Production, Trade and Consumption of Tropical Timber by ITTO Consumers (1000 m³)

Country	Product	Production					Imports					Exports					Domestic Consumption				
		1997	1998	1999	2000	2001	1997	1998	1999	2000	2001	1997	1998	1999	2000	2001	1997	1998	1999	2000	2001
Consumers	Logs	242	324	259	309	309	13463	10953	13172	14390	14512	221	301	823	872	797	13484	10976	12609	13826	14023
	Sawn	2224	2159	2044	2201	2139	5237	5204	6468	6602	6362	414	554	1306	529	494	7048	6809	7206	8275	8007
	Ven	516	555	495	571	573	1349	1008	1142	1245	1231	78	91	98	111	121	1787	1473	1539	1705	1683
	Ply	5609	4121	5440	5557	5851	10505	10605	10374	10745	10167	420	619	748	978	1261	15694	14107	15065	15323	14757
ITTO Total	Logs	128233	122979	123124	125980	126103	16080	13211	16461	18092	18056	15993	12778	15498	16969	15201	128321	123413	124087	127103	128957
	Sawn	37312	34955	35282	37074	37487	7534	7000	8097	8490	8399	6476	6247	7316	8435	9164	38370	35707	36062	37129	36722
	Ven	2804	2489	2732	3115	2927	1465	1122	1393	1399	1378	1439	1543	1660	1673	1556	2830	2068	2464	2841	2749
	Ply	21571	18088	19245	19498	19007	10587	10686	10475	10796	10215	13658	12255	11250	10667	11380	18499	16520	18469	19628	17843

Table 1-1-c. Production, Trade and Consumption of All Timber by ITTO Producers (1000 m3)

Country	Product	Species	Production					Imports					Exports					Domestic Consumption				
			1997	1998	1999	2000	2001	1997	1998	1999	2000	2001	1997	1998	1999	2000	2001	1997	1998	1999	2000	2001
Africa	Logs	All	11267	11080	12174	13286	12554	1	2	86	185	185	5302	4368	4540	5043	4244	5966	6714	7720	8428	8495
		C	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	1	1	0	0
		NC	11267	11080	12174	13286	12554	1	1	86	185	185	5302	4368	4540	5043	4244	5966	6713	7719	8428	8495
	Sawn	All	2018	2130	2012	2460	2659	6	2	8	8	10	1208	1308	1418	1795	1941	816	824	601	672	728
		C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NC	2018	2130	2012	2460	2659	6	2	7	8	10	1208	1308	1418	1795	1941	816	824	601	672	728
	Ven	All	464	561	625	714	754	0	1	41	0	0	308	372	442	388	403	156	190	223	326	351
		C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NC	464	561	625	714	754	0	1	40	0	0	308	372	442	388	403	156	190	223	326	351
	Ply	All	290	355	366	315	343	2	11	135	1	1	117	124	213	202	231	175	242	289	113	112
		C	0	0	0	0	0	0	1	92	0	0	0	0	0	0	0	0	1	92	0	0
		NC	290	355	366	315	343	2	10	43	1	1	117	124	212	202	231	175	241	197	113	112
Cameroon	Logs	All	3000	2895	2655	2720	2700	0	0	0	0	0	1706	1604	1031	635	381	1294	1291	1624	2085	2319
		C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NC	3000	2895	2655	2720	2700	0	0	0	0	0	1706	1604	1031	635	381	1294	1291	1624	2085	2319
	Sawn	All	560	589	600	1000	1150	0	0	0	0	0	356	353	476	850	1000	204	236	124	150	150
		C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NC	560	589	600	1000	1150	0	0	0	0	0	356	353	476	850	1000	204	236	124	150	150
	Ven	All	61	59	53	70	80	0	0	0	0	0	32	41	48	70	60	29	18	6	0	20
		C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NC	61	59	53	70	80	0	0	0	0	0	32	41	48	70	60	29	18	6	0	20
	Ply	All	90	89	92	37	35	2	2	0	0	0	45	41	88	37	35	47	50	4	0	0
		C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NC	90	89	92	37	35	2	2	0	0	0	45	41	88	37	35	47	50	4	0	0
Central African Republic	Logs	All	461	530	553	703	750	0	0	0	0	0	110	117	154	250	313	351	413	399	453	437
		C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NC	461	530	553	703	750	0	0	0	0	0	110	117	154	250	313	351	413	399	453	437
	Sawn	All	72	91	79	102	150	0	0	0	0	0	48	72	64	66	76	24	19	15	36	74
		C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NC	72	91	79	102	150	0	0	0	0	0	48	72	64	66	76	24	19	15	36	74
	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	1	1	2	2	4	0	0	0	0	0	0	0	1	0	0	1	1	1	2	4
		C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NC	1	1	2	2	4	0	0	0	0	0	0	0	1	0	0	1	1	1	2	4

Table 1-1-c. Production, Trade and Consumption of All Timber by ITTO Producers (1000 m3)

Country	Product	Species	Production					Imports					Exports					Domestic Consumption				
			1997	1998	1999	2000	2001	1997	1998	1999	2000	2001	1997	1998	1999	2000	2001	1997	1998	1999	2000	2001
Congo, Dem. Rep. (former Zaire)	Logs	All	258 ¹	244 ¹	170 ¹	170 ¹	170 ¹	0 ^c	0 ^c	1 ^c	0 ^c	0 ¹	64	46	49 ^c	16 ¹	16 ¹	194	198	122	154	154
		C	0	0	0 ¹	0 ¹	0 ¹	0	0	1 ^c	0 ^c	0 ¹	0	0	0 ^c	0 ¹	0 ¹	0	0	1	0	0
		NC	258 ¹	244 ¹	170 ¹	170 ¹	170 ¹	0 ^c	0 ^c	0 ^c	0 ^c	0 ¹	64	46	49 ^c	16 ¹	16 ¹	194	198	121	154	154
	Sawn	All	90 ¹	80 ¹	70 ¹	70 ¹	70 ¹	0 ^c	0 ^c	0 ^{ca}	0 ^{ca}	0 ¹	21	19	16 ^c	20 ¹	20 ¹	69	61	54	50	50
		C	0	0	0 ¹	0 ¹	0 ¹	0	0	0 ^c	0 ^{ca}	0 ¹	0	0	0 ^c	0 ¹	0 ¹	0	0	0	0	0
		NC	90 ¹	80 ¹	70 ¹	70 ¹	70 ¹	0 ^c	0 ^c	0 ^{ca}	0 ^c	0 ¹	21	19	16 ^c	20 ¹	20 ¹	69	61	54	50	50
	Ven	All	10 ¹	10 ¹	1 ¹	1 ¹	1 ¹	0 ^c	0 ^c	0 ^{ca}	0 ^c	0 ¹	5	5	1 ^c	0 ^{ca}	0 ¹	5	5	0	1	1
		C	0	0	0 ¹	0 ¹	0 ¹	0	0	0 ^{ca}	0 ^c	0 ¹	0	0	0 ^c	0 ^c	0 ¹	0	0	0	0	0
		NC	10 ¹	10 ¹	1 ¹	1 ¹	1 ¹	0 ^c	0 ^c	0 ^{ca}	0 ^c	0 ¹	5	5	1 ^c	0 ^{ca}	0 ¹	5	5	0	1	1
	Ply	All	10 ¹	10 ¹	1 ¹	1 ¹	1 ¹	0 ^{ca}	0 ^{ca}	92 ^c	0 ^{ca}	0 ¹	0	0	0 ^c	0 ^{ca}	0 ¹	10	10	93	1	1
		C	0	0	0 ¹	0 ¹	0 ¹	0	0	92 ^c	0 ^c	0 ¹	0	0	0 ^c	0 ^c	0 ¹	0	0	92	0	0
		NC	10 ¹	10 ¹	1 ¹	1 ¹	1 ¹	0 ^{ca}	0 ^{ca}	0 ^{ca}	0 ^{ca}	0 ¹	0	0	0 ^c	0 ^{ca}	0 ¹	10	10	1	1	1
Congo, Rep.	Logs	All	911	1184	1187	1240	1240	0	0	0 ¹	0 ¹	0 ¹	478	638	645 ¹	757	757 ¹	433	546	542	483	483
		C	0	0	0 ¹	0	0 ¹	0	0	0 ¹	0 ¹	0 ¹	0 ¹	0	0 ¹	0	0 ¹	0	0	0	0	0
		NC	911	1184	1187 ¹	1240	1240 ¹	0	0	0 ¹	0 ¹	0 ¹	478	638	645 ¹	757	757 ¹	433	546	542	483	483
	Sawn	All	64	73	74	93	93	0	0	0 ¹	0 ¹	0 ¹	16	47	63 ¹	70	70 ¹	48	26	11	23	23
		C	0	0	0 ¹	0	0 ¹	0	0	0 ¹	0 ¹	0 ¹	0 ¹	0	0 ¹	0	0 ¹	0	0	0	0	0
		NC	64	73	74 ¹	93	93 ¹	0	0	0 ¹	0 ¹	0 ¹	16	47	63 ¹	70	70 ¹	48	26	11	23	23
	Ven	All	46	52	19	10	10	0	0	0 ¹	0 ¹	0 ¹	37	46	16 ¹	3	3 ¹	9	6	3	7	7
		C	0	0	0 ¹	0	0 ¹	0	0	0 ¹	0 ¹	0 ¹	0 ¹	0	0 ¹	0	0 ¹	0	0	0	0	0
		NC	46	52	19 ¹	10	10 ¹	0	0	0 ¹	0 ¹	0 ¹	37	46	16 ¹	3	3 ¹	9	6	3	7	7
	Ply	All	3	2	3	1 ¹	0	0	0	0 ¹	0 ¹	0 ¹	3	0	0 ¹	0 ^a	0 ¹	0	2	3	1	0
		C	0	0	0 ¹	0 ¹	0 ¹	0	0	0 ¹	0 ¹	0 ¹	0	0	0 ¹	0	0 ¹	0	0	0	0	0
		NC	3	2	3 ¹	1 ¹	0 ¹	0	0	0 ¹	0 ¹	0 ¹	3	0	0 ¹	0 ^a	0 ¹	0	2	3	1	0
Côte d'Ivoire	Logs	All	2054	2245	2222	2500	2500	0	0	84	180	180	107	93	105	136	140	1947	2152	2201	2544	2540
		C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NC	2054	2245	2222	2500	2500	0	0	84	180	180	107	93	105	136	140	1947	2152	2201	2544	2540
	Sawn	All	613	623	611	603	600	0	0	0	0	0	493	508	479	460	475	120	115	132	143	125
		C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NC	613	623	611	603	600	0	0	0	0	0	493	508	479	460	475	120	115	132	143	125
	Ven	All	252	274	269	297	300	0	0	0	0	0	155	156	153	113	120	97	118	116	184	180
		C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NC	252	274	269	297	300	0	0	0	0	0	155	156	153	113	120	97	118	116	184	180
	Ply	All	61	67	59	80	80	0	0	0	0	0	18	14	22	40	50	43	53	37	40	30
		C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NC	61	67	59	80	80	0	0	0	0	0	18	14	22	40	50	43	53	37	40	30

Table 1-1-c. Production, Trade and Consumption of All Timber by ITTO Producers (1000 m3)

Country	Product	Species	Production					Imports					Exports					Domestic Consumption					
			1997	1998	1999	2000	2001	1997	1998	1999	2000	2001	1997	1998	1999	2000	2001	1997	1998	1999	2000	2001	
Gabon	Logs	All	3000 ¹	2400	3635	3715	3225	1	0	0	0	0	2720	1773	2338	2584	2199	281	627	1297	1131	1026	
		C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
		NC	3000 ¹	2400	3635	3715	3225	1	0	0	0	0	2720	1773	2338	2584	2199	281	627	1297	1131	1026	
	Sawn	All	26	60	98	88	93	0	0 [*]	0	0	0	3	55	69	79	57	23	5	29	9	36	
		C	0	0	0	0	0	0	0 [*]	0	0	0	0	0	0	0	0	0	0	0	0	0	
		NC	26	60	98	88	93	0	0 [*]	0 ¹	0	0	3	55	69	79	57	23	5	29	9	36	
	Ven	All	20 ¹	76	133	91	104	0	1 ¹	40	0	0	13 ¹	40	124	91	104	7	37	49	0	0	
		C	0	0	0	0	0	0	0 [*]	0	0	0	0	0	0	0	0	0	0	0	0	0	
		NC	20 ¹	76	133	91	104	0	1 ¹	40	0	0	13 ¹	40	124	91	104	7	37	49	0	0	
	Ply	All	60 ¹	115	134	104	109	0 [*]	9 ¹	42	0	0	25	57	77	78	87	35	67	100	25	22	
		C	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	
		NC	60 ¹	115	134	104	109	0 [*]	8 ¹	42	0	0	25	57	77	78	87	35	66	100	25	22	
Ghana	Logs	All	1189	1138	1102	998	1000	0	0	0	0	0	0	0	0	0	0	1189	1138	1102	998	1000	
		C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		NC	1189	1138	1102	998	1000	0	0	0	0	0	0	0	0	0	0	1189	1138	1102	998	1000	
	Sawn	All	575	590	454	475	480	0	0	0	0	0	270	253	250	243	240	305	337	204	232	240	
		C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		NC	575	590	454	475	480	0	0	0	0	0	270	253	250	243	240	305	337	204	232	240	
	Ven	All	75	90	150	245	259	0	0	0	0	0	66	84	101	111	116	9	6	49	134	143	
		C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		NC	75	90 ¹	150	245	259	0	0	0	0	0	66	84	101	111	116	9	6	49	134	143	
	Ply	All	65	71	75	90	114	0	0	0	0	0	26	12	25	47	59	39	59	50	43	55	
		C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		NC	65	71	75	90	114	0	0	0	0	0	26	12	25	47	59	39	59	50	43	55	
Liberia	Logs	All	75	157	336	934	659	0	0	0	0	0	49	81	208	637	409	26	76	128	297	251	
		C	0	0	0	0	0	0	0	0	0	0	0 ¹	0	0	0	0	0	0	0	0	0	
		NC	75	157	336	934	659	0	0	0	0	0	49	81	208	637	409	26	76	128	297	251	
	Sawn	All	1	6	4	10	8	0	0	0	0	0	0 [*]	0	0 [*]	6	0	1	6	4	4	8	
		C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		NC	1	6	4	10	8	0	0	0	0	0	0 [*]	0	0 [*]	6	0	1	6	4	4	8	
	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	0 [*]	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	0

Table 1-1-c. Production, Trade and Consumption of All Timber by ITTO Producers (1000 m3)

Country	Product	Species	Production					Imports					Exports					Domestic Consumption				
			1997	1998	1999	2000	2001	1997	1998	1999	2000	2001	1997	1998	1999	2000	2001	1997	1998	1999	2000	2001
Togo	Logs	All	319	287	314	306	310	0 *	2	2	5	5	68	16	11	28	30	251	273	305	283	285
		C	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0
		NC	319	287	314	306	310	0 *	1	2	5	5	68	16	11	28	30	251	272	305	283	285
	Sawn	All	17	18	21	19	15	6	2	8	8	10	1	1	1	2	3	22	19	28	25	22
		C	0	0	0	0	0	0 *	0	0 *	0	0	0	0	0	0	0	0	0	0	0	0
		NC	17	18	21	19	15	6	2	7	8	10	1	1	1	2	3	22	19	28	25	22
	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	0	0	0	0	0	0 *	0 *	1	1	1	0	0	0	0	0	0	0	1	1	1
		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 *	1	1	1	0	0	0	0	0	0	0	1	1	1
Asia-Pacific	Logs	All	90423	83317	82485	83041	83022	3000	3186	3955	4308	4110	10238	7983	9922	10840	9992	83185	78520	76518	76508	77139
		C	3246	3295	3248	3176	3170	376	318	451	440	432	5	10	14	10	10	3617	3603	3684	3606	3592
		NC	87177	80022	79237	79864	79852	2624	2868	3504	3868	3678	10233	7973	9908	10830	9982	79568	74917	72833	72902	73547
	Sawn	All	22810	19556	20197	21151	21295	2126	1698	1822	2097	2209	3822	3575	3535	4855	5197	21114	17679	18484	18392	18307
		C	1437	1403	1379	1287	1275	179	89	176	244	223	78	9	31	27	28	1538	1483	1524	1504	1470
		NC	21373	18153	18818	19864	20020	1947	1609	1646	1853	1986	3744	3566	3504	4828	5169	19576	16196	16959	16888	16837
	Ven	All	1486	1078	1244	1410	1251	126	104	232	199	201	977	956	1046	1110	970	635	226	430	499	482
		C	0	0	0	0	0	20	6	10	18	16	0	0	2	1	1	20	6	8	16	15
		NC	1486	1078	1244	1410	1251	106	98	222	181	185	977	955	1044	1108	969	615	221	422	483	467
	Ply	All	14167	12398	12298	12372	11545	103	102	98	82	58	12415	11201	9750	8804	9342	1855	1299	2646	3650	2262
		C	10	10	10	10	10	0	24	40	66	39	0	18	34	34	36	10	16	16	42	13
		NC	14157	12388	12288	12362	11535	103	78	58	17	19	12415	11183	9716	8770	9306	1845	1283	2630	3608	2249
Cambodia	Logs	All	700	550	291	179	200 ¹	0	0	0	0	0 ¹	100 ¹	7 ^c	0	0	0 ¹	600	543	291	179	200
		C	0	0	0	0	0 ¹	0	0	0	0	0 ¹	0	0	0	0	0 ¹	0	0	0	0	0
		NC	700	550	291	179	200 ¹	0	0	0	0	0 ¹	100 ¹	7 ^c	0	0	0 ¹	600	543	291	179	200
	Sawn	All	90	60 ¹	10	3	5 ¹	0	0	0	0	0 ¹	71	40	10	3	3 ¹	19	20	0	0	2
		C	0	0	0	0	0 ¹	0	0	0	0	0 ¹	0	0	0	0	0 ¹	0	0	0	0	0
		NC	90	60 ¹	10	3	5 ¹	0	0	0	0	0 ¹	71	40	10	3	3 ¹	19	20	0	0	2
	Ven	All	182	181	68	45	50 ¹	0	0	0	0	0 ¹	182	181	68	45	50 ¹	0	0	0	0	0
		C	0	0	0	0	0 ¹	0	0	0	0	0 ¹	0	0	0	0	0 ¹	0	0	0	0	0
		NC	182	181	68	45	50 ¹	0	0	0	0	0 ¹	182	181	68	45	50 ¹	0	0	0	0	0
	Ply	All	20	16	15	27	30 ¹	0	0	0	0	0 ¹	10 ¹	16	15	27	27 ¹	10	0	0	0	3
		C	0	0	0	0	0 ¹	0	0	0	0	0 ¹	0	0	0	0	0 ¹	0	0	0	0	0
		NC	20	16	15	27	30 ¹	0	0	0	0	0 ¹	10 ¹	16	15	27	27 ¹	10	0	0	0	3

Table 1-1-c. Production, Trade and Consumption of All Timber by ITTO Producers (1000 m3)

Country	Product	Species	Production					Imports					Exports					Domestic Consumption				
			1997	1998	1999	2000	2001	1997	1998	1999	2000	2001	1997	1998	1999	2000	2001	1997	1998	1999	2000	2001
Fiji	Logs	All	253	556	470	463	510	0	0 ¹	0	0	0	0	0	0	0	0	253	556	470	463	510
		C	113	422	390	356	350	0 ¹	0 ¹	0	0	0	0	0	0	0	0	113	422	390	356	350
		NC	140 ¹	134	80	107	160 ¹	0 ¹	0 ¹	0	0	0	0	0	0	0	0	140	134	80	107	160
	Sawn	All	133	131	64	72	95	1	0 ²	0 ²	1	0	17	24	17	14	16	117	107	47	59	79
		C	56	64	34	32	30	1	0 ²	0 ²	1	0	8	6	0	6	8	49	58	34	27	22
		NC	77	67	30	40	65	0 ¹	0 ²	0	0	0	9	18	17	8	8	68	49	13	32	57
	Ven	All	5 ¹	6	4	3	8	0 ¹	0	0	0	0	5	5	2	2	3	0	1	2	1	5
		C	0	0	0	0	0	0 ¹	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NC	5 ¹	6	4	3	8	0	0	0	0	0	5	5	2	2	3	0	1	2	1	5
	Ply	All	11	5 ¹	7	9	8	0 ²	0 ²	0	0	0	5	5	4	4	4	6	0	3	5	4
		C	0	0	0	0	0	0 ¹	0 ¹	0	0	0	0	0 ¹	0	0	0	0	0	0	0	0
		NC	11	5 ¹	7	9	8	0 ²	0 ²	0	0	0	5	5	4	4	4	6	0	3	5	4
India	Logs	All	18350 ²	18350 ²	17350 ¹	16500 ¹	16500 ¹	1200 ¹	1900 ¹	2093 ¹	2080 ¹	2080 ¹	5 ¹	3 ²	2 ²	0 ²	2 ¹	19545	20247	19441	18580	18578
		C	2538 ²	2538 ²	2538 ¹	2500 ¹	2500 ¹	200 ¹	290 ¹	280 ¹	280 ¹	280 ¹	0 ¹	0 ²	0 ²	0 ²	0 ¹	2738	2828	2818	2780	2780
		NC	15812 ²	15812 ²	14812 ¹	14000 ¹	14000 ¹	1000 ¹	1610 ²	1813 ²	1800 ¹	1800 ¹	5 ¹	3 ²	2 ²	0 ²	2 ¹	16807	17419	16623	15800	15798
	Sawn	All	8400 ¹	8400 ¹	8400 ¹	7900 ¹	7900 ¹	20 ¹	9 ²	5 ²	11 ²	11 ¹	25 ¹	2 ²	1 ²	6 ²	1 ¹	8395	8407	8404	7905	7911
		C	1200 ¹	1200 ¹	1200 ¹	1100 ¹	1100 ¹	15 ¹	2 ²	2 ²	1 ²	1 ¹	0 ¹	1 ²	0 ²	1 ²	0 ¹	1215	1201	1202	1101	1101
		NC	7200 ¹	7200 ¹	7200 ¹	6800 ¹	6800 ¹	5 ¹	7 ²	2 ²	10 ²	10 ¹	25 ¹	1 ²	0 ²	5 ²	1 ¹	7180	7206	7202	6804	6810
	Ven	All	15 ¹	15 ¹	15 ¹	15 ¹	15 ¹	6 ¹	12 ²	3 ²	2 ²	2 ¹	0 ¹	3 ²	3 ²	1 ²	2 ¹	21	24	15	16	15
		C	0 ¹	0 ¹	0 ¹	0 ¹	0 ¹	0 ¹	1 ²	1 ²	0 ²	0 ¹	0 ¹	0 ²	1 ²	0 ²	0 ¹	0	1	0	0	0
		NC	15 ¹	15 ¹	15 ¹	15 ¹	15 ¹	6 ¹	11 ²	2 ²	2 ²	2 ¹	0 ¹	2 ²	2 ²	1 ²	2 ¹	21	24	15	16	15
	Ply	All	310 ¹	310 ¹	310 ¹	310 ¹	310 ¹	10 ¹	31 ²	18 ²	12 ²	20 ¹	20 ¹	104 ²	55 ²	32 ¹	45 ¹	300	237	272	291	285
		C	10 ¹	10 ¹	10 ¹	10 ¹	10 ¹	0 ¹	17 ²	11 ²	7 ²	10 ¹	0 ¹	17 ²	14 ²	2 ²	10 ¹	10	10	7	15	10
		NC	300 ¹	300 ¹	300 ¹	300 ¹	300 ¹	10 ¹	14 ²	7 ²	5 ²	10 ¹	20 ¹	88 ²	42 ²	30 ¹	35 ¹	290	226	265	275	275
Indonesia	Logs	All	31035 ¹	34315 ¹	33300 ¹	33300 ¹	33300 ¹	75	150 ¹	209 ²	171 ²	184 ¹	46	109 ¹	269	1510 ¹	1010 ¹	31064	34356	33240	31961	32474
		C	535	315 ¹	300 ¹	300 ¹	300 ¹	0	10 ¹	125 ²	40 ²	52 ¹	1	10 ¹	10 ¹	10 ¹	10 ¹	534	315	415	330	342
		NC	30500 ¹	34000 ¹	33000 ¹	33000 ¹	33000 ¹	75	140 ¹	84 ²	132 ²	132 ¹	45	99 ¹	259 ²	1500 ¹	1000 ¹	30530	34041	32825	31632	32132
	Sawn	All	5675 ¹	5125 ¹	5625 ¹	6725 ¹	6525 ¹	1	1 ¹	65 ²	122 ²	122 ¹	330	575	1329 ¹	2020 ¹	2020 ¹	5346	4551	4361	4827	4627
		C	105 ¹	125 ¹	125 ¹	125 ¹	125 ¹	0	0 ¹	46 ²	87 ²	87 ¹	30	0	29 ²	20 ²	20 ¹	75	125	143	192	192
		NC	5570 ¹	5000 ¹	5500 ¹	6600 ²	6400 ²	1	1 ¹	19 ²	35 ²	35 ¹	300	575	1300 ¹	2000 ¹	2000 ¹	5271	4426	4219	4635	4435
	Ven	All	50	50 ¹	50 ¹	50 ¹	50 ¹	5 ¹	5 ¹	7 ²	6 ²	6 ¹	10	2	4 ²	4 ²	4 ¹	45	53	53	52	52
		C	0	0 ¹	0 ¹	0 ¹	0 ¹	0 ¹	0 ¹	2 ²	3 ²	3 ¹	0	0	0 ²	1 ²	1 ¹	0	0	2	1	2
		NC	50	50 ¹	50 ¹	50 ¹	50 ¹	5	5 ¹	5 ²	3 ²	3 ¹	10	2	4 ²	3 ²	3 ¹	45	53	51	50	50
	Ply	All	8800 ¹	7800	7500 ¹	7200 ¹	7000 ¹	3	5 ¹	10 ²	6 ²	0 ¹	8534 ¹	7424 ¹	6291 ²	5790 ²	6000 ¹	269	381	1219	1417	1000
		C	0	0 ¹	0 ¹	0 ¹	0 ¹	0	1 ¹	7 ²	5 ²	0 ¹	0	0	0 ¹	0 ¹	0	0	1	7	5	0
		NC	8800 ¹	7800	7500 ¹	7200 ¹	7000 ¹	3	4 ¹	2 ²	1 ²	0 ¹	8534 ²	7424	6291 ²	5790 ²	6000 ²	269	380	1211	1412	1000

Table 1-1-c. Production, Trade and Consumption of All Timber by ITTO Producers (1000 m3)

Country	Product	Species	Production					Imports					Exports					Domestic Consumption				
			1997	1998	1999	2000	2001	1997	1998	1999	2000	2001	1997	1998	1999	2000	2001	1997	1998	1999	2000	2001
Malaysia	Logs	All	31161	21872	21838	23080	24485	61	423	604	758	758	6593	5583	6735	6506	6500	24629	16712	15707	17332	18743
		C	0	0	0	0	0	0	0	0	40	40	0	0	0	0	0	0	0	0	40	40
		NC	31161	21872	21838	23080	24485	61	423	604	718	718	6593	5583	6735	6506	6500	24629	16712	15707	17292	18703
	Sawn	All	7176	5091	5237	5590	6000	229	436	364	468	468	3007	2703	1863	2337	2700	4398	2824	3738	3721	3768
		C	0	0	0	0	0	0	0	0	5	5	0	0	0	0	0	0	0	0	5	5
		NC	7176	5091	5237	5590	6000	229	436	364	463	463	3007	2703	1863	2337	2700	4398	2824	3738	3716	3763
	Ven	All	1165	760	1008	1117	900	12	13	68	40	40	747	730	959	1047	900	430	43	117	110	40
		C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NC	1165	760	1008	1117	900	12	13	68	40	40	747	730	959	1047	900	430	43	117	110	40
	Ply	All	4447	3904	4123	4434	3900	25	34	45	7	7	3825	3631	3340	2886	3200	647	307	828	1555	707
		C	0	0	0	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0	2	2
		NC	4447	3904	4123	4434	3900	25	34	45	5	5	3825	3631	3340	2886	3200	647	307	828	1553	705
Myanmar	Logs	All	1989	2264	3347	3574	2073	0	0	0	0	0	484	656	980	927	582	1505	1608	2367	2647	1491
		C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NC	1989	2264	3347	3574	2073	0	0	0	0	0	484	656	980	927	582	1505	1608	2367	2647	1491
	Sawn	All	334	299	298	343	377	0	0	0	0	0	110	99	42	24	30	224	200	256	319	346
		C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NC	334	299	298	343	377	0	0	0	0	0	110	99	42	24	30	224	200	256	319	346
	Ven	All	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	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	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0
	Ply	All	10	8	8	14	15	0	0	0	0	0	1	1	2	13	5	9	7	6	1	11
		C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NC	10	8	8	14	15	0	0	0	0	0	1	1	2	13	5	9	7	6	1	11
Papua New Guinea	Logs	All	3500	1870	2220	2220	2220	0	0	0	0	0	3006	1613	1936	1897	1897	494	257	284	323	323
		C	60	20	20	20	20	0	0	0	0	0	0	0	4	0	0	60	20	16	20	20
		NC	3440	1850	2200	2200	2200	0	0	0	0	0	3006	1613	1932	1897	1897	434	237	268	303	303
	Sawn	All	210	110	110	110	110	0	0	0	0	0	38	26	18	9	9	172	84	92	101	101
		C	40	10	10	10	10	0	0	0	0	0	0	0	1	0	0	40	10	9	10	10
		NC	170	100	100	100	100	0	0	0	0	0	38	26	17	9	9	132	74	83	91	91
	Ven	All	5	5	5	7	7	0	0	0	0	0	0	0	2	5	5	5	5	4	2	2
		C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NC	5	5	5	7	7	0	0	0	0	0	0	0	2	5	5	5	5	3	2	2
	Ply	All	40	20	10	5	5	0	0	0	0	0	0	0	7	3	3	40	20	3	2	2
		C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NC	40	20	10	5	5	0	0	0	0	0	0	0	7	3	3	40	20	3	2	2

Table 1-1-c. Production, Trade and Consumption of All Timber by ITTO Producers (1000 m3)

Country	Product	Species	Production					Imports					Exports					Domestic Consumption					
			1997	1998	1999	2000	2001	1997	1998	1999	2000	2001	1997	1998	1999	2000	2001	1997	1998	1999	2000	2001	
Philippines	Logs	All	556	634	730	791	810	768	435	584	585	553	4	0	0 *	0	0	1320	1069	1314	1376	1363	
		C	0	0	0	0	0	103	11	26	41	33	4	0	0	0	0	99	11	26	41	33	
		NC	556	634	730	791	810	665	424	558	543	520	0	0	0 *	0	0	1221	1058	1288	1334	1330	
	Sawn	All	351	222	288	128	134	412	296	381	359	329	141	41	69	120	142	622	477	600	366	321	
		C	0	0	0	0	0	60	28	46	46	40	38	2	0 *	0	0	22	26	45	46	40	
		NC	351	222	288	128	134	352	268	336	313	289	103	39	69	120	142	600	451	555	320	281	
	Ven	All	62	59	89	170	218	86	63	139	136	142	31	32	5	5	4	117	90	223	302	356	
		C	0	0	0	0	0	20	5	6	15	13	0	0	0 *	0 *	0 *	20	5	6	15	13	
		NC	62	59	89	170	218	66	58	133	122	129	31	32	4	4	4	97	85	218	287	343	
	Ply	All	484	281	243	282	255	12	5	5	5	4	14	6	12	11	12	482	280	236	276	247	
		C	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	1	1	1	1	0
		NC	484	281	243	282	255	12	4	4	4	4	14	6	12	11	12	482	279	235	275	247	
Thailand	Logs	All	2845	2872	2898 *	2894 *	2894	896	278	466	714	535	0 *	12	0	0	0	3741	3138	3364	3607	3429	
		C	0	0	0	0	0	73	7	20	39	27	0	0 *	0	0	0	73	7	20	39	27	
		NC	2845	2872	2898 *	2894 *	2894 *	823	271	446	675	508	0 *	12	0	0	0	3668	3131	3344	3569	3402	
	Sawn	All	426	103	147 *	262 *	137	1463	955	1007	1135	1278	80	59	175	311	266	1809	999	979	1087	1149	
		C	36	4	10 *	20 *	10 *	103	58	82	104	89	2	0 *	0	0	0	137	62	92	124	99	
		NC	390	99	137	242	127 *	1360	897	925	1031	1189	78	59	174	311	266	1672	937	888	963	1050	
	Ven	All	2	2	3	3	3	17	11	14	15	11	2	3	2	2	2	17	10	15	16	12	
		C	0	0	0	0	0	0 *	0	0 *	0 *	0	0	0 *	0	0	0	0	0	0	0	0	0
		NC	2	2	3	3	3	17	11	14	15	11	2	3	2	2	2	17	10	15	16	12	
	Ply	All	44	53	82	91	22	53	27	21	51	26	6	13	24 *	39	46 *	91	67	79	103	2	
		C	0	0	0	0	0	0	5	20	50	26	0	1	20 *	32	26 *	0	4	0	18	0	
		NC	44	53	82	91	22	53	22	0 *	2	0	6	12	4	7	20 *	91	63	79	85	2	
Vanuatu	Logs	All	34 *	34	41	40	30	0	0	0	0 *	0	0	0	0 *	0 *	1	34	34	41	40	29	
		C	0 *	0 *	0	0	0	0	0	0	0 *	0 *	0	0	0	0	0	0	0	0	0	0	0
		NC	34 *	34 *	41	40	30	0	0	0	0 *	0 *	0	0	0 *	0 *	1	34	34	41	40	29	
	Sawn	All	15 *	15	18	18	12	0	1	0	1	1	3	6	12	11	10	12	10	6	8	3	
		C	0 *	0 *	0	0	0	0	1	0	0 *	1	0	0	0	0 *	0	0	1	0	0	1	
		NC	15 *	15 *	18	18	12	0	0	0	1	0 *	3	6	12	10	10	12	9	6	8	2	
	Ven	All	0 *	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	0
		NC	0 *	0 *	0	0	0 *	0	0	0	0 *	0 *	0	0	0	0	0 *	0	0	0	0	0	0
	Ply	All	1 *	1	0	0	0 *	0	0 *	0	1 *	1	0	0	0	0	0 *	1	1	0	1	1	
		C	0 *	0 *	0	0	0 *	0	0 *	0	0 *	1	0	0	0	0	0 *	0	0	0	0	1	
		NC	1 *	1 *	0	0	0 *	0	0 *	0	0 *	0 *	0	0	0	0	0 *	1	1	0	0	0	0

Table 1-1-c. Production, Trade and Consumption of All Timber by ITTO Producers (1000 m3)

Country	Product	Species	Production					Imports					Exports					Domestic Consumption				
			1997	1998	1999	2000	2001	1997	1998	1999	2000	2001	1997	1998	1999	2000	2001	1997	1998	1999	2000	2001
Latin America/ Caribbean	Logs	All	92847	94184	114553	116119	118345	35	60	36	67	88	1064	1087	670	966	711	91818	93157	113918	115220	117723
		C	35354	35613	42702	43020	44197	16	55	12	16	31	450	706	304	531	412	34920	34962	42410	42505	43816
		NC	57493	58571	71851	73099	74148	19	5	24	51	58	614	381	366	435	299	56898	58195	71508	72715	73907
	Sawn	All	22235	22048	21088	21632	21775	542	354	289	303	261	1878	1601	2291	2577	3300	20899	20801	19086	19358	18736
		C	9480	9267	7807	8553	8488	117	86	97	83	74	767	780	1190	1285	1733	8830	8573	6713	7350	6829
		NC	12755	12781	13282	13079	13287	425	268	192	220	188	1112	821	1101	1292	1567	12068	12228	12373	12008	11907
	Ven	All	551	513	675	739	617	33	33	22	28	21	172	156	118	95	89	412	390	579	673	549
		C	198	217	307	317	267	1	5	3	5	1	65	30	42	28	26	134	191	268	293	242
		NC	353	296	368	422	350	32	29	18	24	20	107	126	76	66	63	279	199	310	379	307
	Ply	All	2260	2052	2507	2727	2608	40	62	55	85	70	814	609	1235	1284	1020	1486	1505	1328	1528	1658
		C	739	828	1355	1462	1330	8	38	25	45	33	103	240	633	537	403	644	626	747	971	960
		NC	1521	1224	1152	1265	1278	32	24	30	40	37	711	369	602	748	617	842	879	580	557	698
Bolivia	Logs	All	600 ¹	797	502	468	598	0	0 ^a	1	1	1	0	0 ^a	3	3	3	600	797	500	467	597
		C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NC	600 ¹	797	502	468	598	0	0 ^a	1	1	1	0	0 ^a	3	3	3	600	797	500	467	597
	Sawn	All	250 ¹	380 ¹	244	239	329	0	1	5	5	6	133	81	42	43	40	117	300	207	201	295
		C	0	0	0	0	0	0	1	4	4	5	0	0	0	0	0	0	1	4	4	5
		NC	250 ¹	380 ¹	244	239	329	0	0 ^a	1	1	2	133	81	42	43	40	117	299	203	197	291
	Ven	All	5 ¹	8	1	2	3 ¹	0	0 ^a	0 ^a	0 ^a	0 ^a	1	3	1	2	3	4	5	0	0	0
		C	0	0	0	0	0	0	0	0 ^a	0	0	0	0	0	0	0	0	0	0	0	0
		NC	5 ¹	8	1	2	3 ¹	0	0 ^a	0 ^a	0 ^a	0 ^a	1	3	1	2	3	4	5	0	0	0
	Ply	All	15	4	4	4	4	0	0	0	0	0	10	0	1	0	0	5	4	3	4	4
		C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NC	15	4	4	4	4	0	0	0	0	0	10	0	1	0	0	5	4	3	4	4
Brazil	Logs	All	84684 ^a	83764 ^a	100395 ^a	102994 ^a	105000 ^a	11 ^a	14 ^a	24 ^a	31 ^a	28 ¹	792 ^a	906 ^a	442 ^a	746 ^a	531 ^a	83903	82872	99977	102278	104497
		C	33050 ^a	33058 ^a	38561 ^a	39666 ^a	41000 ^a	0 ^a	10 ^a	9 ^a	8 ^a	6 ^a	415 ^a	662 ^a	303 ^a	529 ^a	410 ^a	32635	32406	38267	39145	40597
		NC	51634 ^a	50706 ^a	61834 ^a	63328 ^a	64000 ^a	11 ^a	4 ^a	15 ^a	22 ^a	22 ¹	377 ^a	244 ^a	139 ^a	218 ^a	122 ^a	51268	50466	61710	63133	63900
	Sawn	All	19200 ¹	18300 ¹	17280 ¹	18100 ¹	18200 ¹	379 ^a	243 ^a	145 ^a	159 ^a	119 ^a	1433 ^a	1153 ^a	1944 ^a	2207 ^a	2956 ^a	18146	17390	15480	16051	15363
		C	8700 ¹	8500 ¹	6730 ¹	7500 ¹	7500 ¹	7 ^a	4 ^a	0 ^a	1 ^a	1 ^a	548 ^a	532 ^a	1015 ^a	1103 ^a	1567 ^a	8159	7972	5715	6398	5934
		NC	10500 ¹	9800 ¹	10550 ¹	10600 ¹	10700 ¹	372 ^a	239 ^a	145 ^a	158 ^a	118 ^a	885 ^a	621 ^a	929 ^a	1104 ^a	1389 ^a	9987	9418	9766	9654	9429
	Ven	All	468 ¹	440 ¹	560 ¹	620 ¹	500 ¹	29 ^a	24 ¹	14 ^a	20 ^a	15 ¹	166 ^a	145 ¹	109 ^a	84 ^a	77 ^a	331	319	465	557	438
		C	180 ¹	200 ¹	240 ¹	250 ¹	200 ¹	0 ^a	0 ^a	0 ^a	0 ^a	0 ^a	65 ^a	30	42 ^a	28 ^a	26 ^a	115	170	198	222	174
		NC	288 ^a	240 ¹	320 ¹	370 ¹	300 ¹	29 ^a	24 ¹	14 ^a	20 ^a	15 ¹	101 ^a	115 ^a	67 ^a	55 ^a	52 ^a	216	149	267	335	263
	Ply	All	1900 ¹	1700 ¹	2200 ^a	2420 ^a	2300 ^a	3 ^a	1 ^a	1	1	1 ¹	684 ¹	500 ¹	1128	1135 ¹	883 ^a	1219	1201	1073	1286	1418
		C	700 ¹	800 ¹	1320 ^a	1440 ^a	1300 ^a	0 ^a	0 ^a	0	0	0 ¹	100 ¹	236 ¹	620	523	390 ¹	600	564	700	917	910
		NC	1200 ¹	900 ¹	880 ^a	980 ^a	1000 ^a	3 ^a	1 ¹	1 ¹	1 ¹	1 ¹	584 ^a	264 ^a	508	611 ¹	493 ¹	619	637	373	369	508

Table 1-1-c. Production, Trade and Consumption of All Timber by ITTO Producers (1000 m3)

Country	Product	Species	Production					Imports					Exports					Domestic Consumption				
			1997	1998	1999	2000	2001	1997	1998	1999	2000	2001	1997	1998	1999	2000	2001	1997	1998	1999	2000	2001
Colombia	Logs	All	1642 ¹	2734	2397	2164	2272	6	11	1	0 ^a	0 ^a	12	17	17	21	0 ^{ca}	1636	2728	2381	2143	2272
		C	475 ¹	541	554	373	392	6	11	0	0	0 ^a	0 ^a	0 ^a	0 ^a	0	0 ^{ca}	481	552	554	373	392
		NC	1167 ¹	2193	1842	1791	1880	0 ^a	1	1	0 ^a	0	12	17	17	21	0	1155	2177	1826	1770	1880
	Sawn	All	566	910	729	587	616	15	7	7	2	0 ^a	6	8	9	5	1	575	909	727	585	616
		C	46	38	31	20	21	2	1	0 ^a	0 ^a	0 ^a	0 ^a	0 ^a	0 ^{ca}	0 ^{ca}	0 ^{ca}	48	39	31	20	21
		NC	520	872	699	567	595	13	6	6	2	0 ^a	6	8	9	5	1	527	870	696	565	595
	Ven	All	1	1	1	2	1	2	1	1	1	1 ¹	0 ^a	0	0	0 ^{ca}	0 ¹	3	2	2	3	1
		C	0	0	0	0	0	1	1	0 ^a	1	1 ¹	0	0	0	0	0	1	1	0	1	1
		NC	1	1	1	2	1	1	1	0 ^a	0 ^a	0 ¹	0 ^a	0	0	0 ^{ca}	0 ¹	2	2	2	2	1
	Ply	All	28	25	29	31	23 ¹	15	11	6	5	6 ¹	1	2	6	4	6 ¹	42	34	28	32	24
		C	0	0	0	0	0	1	1	0 ^a	0 ^a	0 ¹	0	0	0 ^{ca}	0 ^{ca}	0 ¹	1	1	0	0	0
		NC	28	25	29	31	23 ¹	14	10	5	4	6 ¹	1	2	6	4	5 ¹	41	33	28	32	24
Ecuador	Logs	All	1486 ¹	1840 ¹	5920 ^r	5920 ^r	5920 ¹	0	0 ^{ca}	0 ^c	0 ^c	0 ¹	113	44 ^c	141 ^c	120 ^c	120 ¹	1373	1796	5779	5800	5800
		C	186 ¹	190 ¹	1170 ^r	1170 ^r	1170 ¹	0	0 ^{ca}	0 ^c	0 ^c	0 ¹	0	7 ^c	0 ^{ca}	0 ^{ca}	0 ¹	186	183	1170	1170	1170
		NC	1300 ¹	1650 ¹	4750 ^r	4750 ^r	4750 ¹	0	0 ^{ca}	0 ^c	0 ^c	0 ¹	113	37 ^c	141 ^c	120 ^c	120 ¹	1187	1613	4609	4630	4630
	Sawn	All	644 ¹	784 ¹	1079 ^r	1079 ^r	1079 ¹	1	0 ^{ca}	0 ^{ca}	0 ^{ca}	0 ¹	12	30 ^c	21 ^c	21 ^c	21 ¹	633	754	1058	1058	1058
		C	84 ¹	84 ¹	416 ^r	416 ^r	416 ¹	1	0 ^{ca}	0 ^c	0 ^{ca}	0 ¹	0 ^a	4 ^c	1 ^c	1 ^c	1 ¹	85	80	415	415	415
		NC	560 ¹	700 ¹	663 ¹	663 ¹	663 ¹	0 ^a	0 ^{ca}	0 ^{ca}	0 ^{ca}	0 ¹	12	26 ^c	20 ^c	20 ^c	20 ¹	548	674	643	643	643
	Ven	All	19 ¹	5 ¹	55 ²	55 ²	55 ¹	0 ^a	2 ^c	0 ^c	0 ^{ca}	0 ¹	0	1 ^c	0 ^{ca}	1 ^c	1 ¹	19	6	55	55	55
		C	0 ¹	0 ¹	50 ¹	50 ¹	50 ¹	0 ^a	2 ^c	0 ^{ca}	0 ^{ca}	0 ¹	0	0 ^{ca}	0 ^{ca}	0 ^{ca}	0 ¹	0	2	50	50	50
		NC	19 ¹	5 ¹	5 ¹	5 ¹	5 ¹	0 ^a	0 ^{ca}	0 ^{ca}	0 ^{ca}	0 ¹	0	1 ^c	0 ^{ca}	0 ^{ca}	1 ¹	19	4	5	5	5
	Ply	All	114 ¹	114 ¹	109 ^r	109 ^r	109 ¹	0 ^a	0 ^{ca}	0 ^c	0 ^{ca}	0 ¹	32 ¹	13 ¹	4 ¹	35 ¹	35 ¹	82	101	105	74	74
		C	5 ¹	5 ¹	5 ¹	5 ¹	5 ¹	0	0 ^{ca}	0 ^{ca}	0 ^{ca}	0 ¹	3 ¹	4 ¹	4 ¹	5 ¹	5 ¹	2	1	1	0	0
		NC	109 ¹	109 ¹	104 ¹	104 ¹	104 ¹	0 ^a	0 ^{ca}	0 ^c	0 ^c	0 ¹	29	9 ^c	0 ^c	30 ^c	30 ¹	80	100	104	74	74
Guatemala	Logs	All	581 ¹	581 ¹	506	467	467 ¹	3 ^r	2 ^r	5 ¹	5 ¹	5 ¹	0	0 ^a	1	2	2 ¹	584	582	510	470	470
		C	470 ¹	470 ¹	406 ^r	374 ^r	374 ¹	3 ^r	1 ^r	3 ¹	3 ¹	3 ¹	0	0 ^c	1	2	2 ¹	473	471	408	375	375
		NC	111 ^r	111 ^r	100 ^r	93 ²	93 ¹	0 ^{ca}	1 ^{ca}	2 ¹	2 ¹	2 ¹	0	0 ¹	0 ^a	0 ^a	0 ¹	111	111	102	95	95
	Sawn	All	308 ¹	308 ¹	235 ¹	220 ¹	220 ¹	2 ²	1 ^r	44 ¹	44 ¹	44 ¹	28 ^r	41	41	45	45 ¹	282	268	238	219	219
		C	263 ^r	263 ^r	195 ¹	180 ¹	180 ¹	1 ^r	1 ^r	32 ¹	26 ¹	26 ¹	18 ^r	36 ¹	36	35	35 ¹	246	228	190	170	171
		NC	45 ¹	45 ¹	40 ¹	40 ¹	40 ¹	1 ^r	0 ^{ca}	13 ¹	18 ¹	18 ¹	11 ^r	5 ¹	5	10	10 ¹	35	40	48	48	48
	Ven	All	19 ^r	19 ^r	19 ²	19 ^r	19 ¹	0 ^{ca}	0 ^{ca}	2 ¹	0 ^{ca}	0 ¹	1 ^r	0 ^a	0 ^{ca}	0 ¹	0 ¹	18	19	21	19	19
		C	17 ¹	17 ¹	17 ¹	17 ¹	17 ¹	0 ¹	0 ^{ca}	0 ¹	0 ^{ca}	0 ¹	0	0 ¹	0 ^{ca}	0 ¹	0 ¹	17	17	17	17	17
		NC	2 ¹	2 ¹	2 ¹	2 ¹	2 ¹	0 ¹	0 ^{ca}	2 ¹	0 ^{ca}	0 ¹	1 ¹	0 ¹	0 ^{ca}	0 ^c	0 ¹	2	2	4	2	2
	Ply	All	20 ^r	20 ^r	20 ^r	20 ^r	20 ¹	1 ²	2 ^r	7 ¹	3 ^c	3 ¹	5 ^r	5	3 ^c	3 ^c	3 ¹	16	17	24	20	20
		C	10	10	10	10	10	1	1	4	3	3	0	0	2	2	2	11	11	12	10	11
		NC	10 ^r	10 ^r	10 ^r	10 ^r	10 ¹	0 ^r	1 ^r	3 ¹	0 ^c	0 ¹	5 ^r	5	0 ^c	0 ^c	1 ¹	5	6	13	10	9

Table 1-1-c. Production, Trade and Consumption of All Timber by ITTO Producers (1000 m3)

Country	Product	Species	Production					Imports					Exports					Domestic Consumption				
			1997	1998	1999	2000	2001	1997	1998	1999	2000	2001	1997	1998	1999	2000	2001	1997	1998	1999	2000	2001
Guyana	Logs	All	554	387	435 *	289	289 ¹	0	0	0	0	0	81	61	48	54	40	473	326	388	234	249
		C	0	0	0	0	0 ¹	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NC	554	387	435 *	289	289 ¹	0	0	0	0	0	81	61	48	54	40	473	326	388	234	249
	Sawn	All	57	50 ¹	50 *	29 ¹	30 ¹	0	0	0	2 ¹	0	22	12	22	22 ¹	19	35	38	28	9	11
		C	0	0	0	0	0 ¹	0	0	0	2 ¹	0	0	0	0	0	0	0	0	0	2	0
		NC	57	50 ¹	50 *	29 ¹	30 ¹	0	0	0	0	0	22	12	22	22 ¹	19	35	38	28	7	11
	Ven	All	0	0	0	0	0 ¹	0	0	1	2	0	0	0	0	0	0	0	0	1	2	0
		C	0	0	0	0	0 ¹	0	0	1 ¹	2 ¹	0	0	0	0	0	0	0	0	1	2	0
		NC	0	0	0	0	0 ¹	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Ply	All	67	76	87	92	92 ¹	0	0	0	0	0	61	70	76	87	73	6	6	10	5	19
		C	0	0	0	0	0 ¹	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NC	67	76	87	92	92 ¹	0	0	0	0	0	61	70	76	87	73	6	6	10	5	19
Honduras	Logs	All	711	795	853	756	748	0	2	0 *	0	0	35	37	0	0	0	676	760	853	756	748
		C	670	761	821	744	718	0	2	0	0	0	35	37	0	0	0	635	726	821	744	718
		NC	41	34	32	12	30	0	0	0 *	0	0	0	0	0	0	0	41	34	32	12	30
	Sawn	All	379	369	404	437	372	26	16	5	6	5	200	207	130	139	123	205	178	279	303	254
		C	357	352	389 ¹	432 ¹	362 ¹	25	16	5	5	5	200	207	130	139	123	182	161	264	298	244
		NC	22	17	15 ¹	5 ¹	10 ¹	1	0	0 *	0 *	0 *	0	0	0	0	0	23	17	15	5	10
	Ven	All	1	0	0	0	0	0	0	0 *	0	0 *	0	0	0	0	0	1	0	0	0	0
		C	1	0	0	0	0	0	0	0 *	0 *	0 *	0	0	0	0	0	1	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	15	19	20	7	15	1	2	1	1	1	1	6	6	6	6	15	15	15	2	10
		C	14	13	20	7	15	1	2	1	1	1	0	0	6	6	6	15	15	15	2	10
		NC	1	6	0	0	0	0	0	0 *	0	0 *	1	6	0	0	0	0	0	0	0	0
Panama	Logs	All	34	22	48	63	53	0	1	0 *	1	1	0	1	1	4	4	34	22	47	60	50
		C	0	0	2	3	3	0	1	0	1	1	0	0 *	0	0	0	0	1	2	4	4
		NC	34	22	46	60	50	0	0	0 *	0 *	0 *	0	1	1	4	4	34	21	45	56	46
	Sawn	All	10	8	28 ¹	28 ¹	25 ¹	0	1	4	6	6	0	0	0 *	0 *	0 *	10	9	31	34	31
		C	0	0	2	2	3	0	1	3	5	5	0	0	0 *	0 *	0 *	0	1	5	7	8
		NC	10	8	26 ¹	26 ¹	22 ¹	0	0	0 *	1	1	0	0	0 *	0 *	0 *	10	8	26	27	23
	Ven	All	0	4	2	4	4	0	0	0 *	0 *	0 *	0	0	0 *	0	0	0	4	2	4	4
		C	0	0	0	0	0	0	0	0	0 *	0 *	0	0	0	0	0	0	0	0	0	0
		NC	0	4	2	4	4	0	0	0 *	0 *	0 *	0	0	0 *	0	0	0	4	2	4	4
	Ply	All	0	0	0	4	4	4	5	5	8	8	0 *	0 *	0 *	0 *	0 *	4	5	5	12	12
		C	0	0	0	0	0	0	4	0 *	4	4	0	0	0	0	0	0	4	0	4	4
		NC	0	0	0	4	4	4	1	4	4	4	0 *	0 *	0 *	0 *	0 *	4	1	4	8	8

Table 1-1-c. Production, Trade and Consumption of All Timber by ITTO Producers (1000 m3)

Country	Product	Species	Production					Imports					Exports					Domestic Consumption				
			1997	1998	1999	2000	2001	1997	1998	1999	2000	2001	1997	1998	1999	2000	2001	1997	1998	1999	2000	2001
Peru	Logs	All	1149 ¹	1879 ¹	1570	1200 ¹	1200 ¹	6	11	5	22	22 ¹	0	0	0 [*]	0 [*]	0 ¹	1155	1890	1575	1222	1222
		C	30 ¹	50 ¹	82	20 ¹	20 ¹	6	11	0 [*]	0 [*]	0 ¹	0	0	0 [*]	0 [*]	0 ¹	36	61	82	20	20
		NC	1119	1829	1488	1180 ¹	1180 ¹	0	0	5 ¹	22 ¹	22 ¹	0	0	0 [*]	0 [*]	0 ¹	1119	1829	1493	1202	1202
	Sawn	All	492 ¹	610 ¹	835	623	623 ¹	2	3	5	7	7 ¹	37	63	74	87	87 ¹	457	550	766	543	543
		C	10 ¹	20 ¹	44	3	3 ¹	2	3	5	7	7 ¹	1	1	6	7	7 ¹	11	22	43	3	3
		NC	482	590	791	620	620 ¹	0	0	0 [*]	0 [*]	0 ¹	36	62	68 ¹	80 ¹	80 ¹	446	528	723	540	540
	Ven	All	4	7 ¹	7 ¹	8 ¹	8 ¹	0	0	0 [*]	0 [*]	0 ¹	4	7	7	8	8 ¹	0	0	0	0	0
		C	0	0	0	0	0 ¹	0	0	0 [*]	0 [*]	0 ¹	0	0	0 [*]	0 [*]	0 ¹	0	0	0	0	0
		NC	4	7 ¹	7 ¹	8 ¹	8 ¹	0	0	0	0 [*]	0 ¹	4	7	7	8	8 ¹	0	0	0	0	0
	Ply	All	53	57	34	36	36 ¹	0	1	0	0 [*]	0 ¹	15	10	8	14	14 ¹	38	48	26	22	22
		C	0	0	0	0	0 ¹	0	1	0	0 [*]	0 ¹	0	0	0	0	0 ¹	0	1	0	0	0
		NC	53	57	34	36	36 ¹	0	0	0	0 [*]	0 ¹	15	10	8 ¹	14 ¹	14 ¹	38	47	26	22	22
Suriname	Logs	All	181	143	94	178	178	0	0	0	0	0	31	21	17	10	10	150	122	77	168	168
		C	1	0	0	0	0	0	0	0	0	0	0 [*]	0	0	0	0	1	0	0	0	0
		NC	180	143	94	178	178	0	0	0	0	0	31	21	17	10	10	149	122	77	168	168
	Sawn	All	41	41	28	78	74	0 [*]	0	0	0	0	7	5	4	7	7	34	36	24	71	67
		C	0	0	0	0	0	0	0	0	0	0	0 [*]	0	0	0	0	0	0	0	0	0
		NC	41	41	28	78	74	0 [*]	0	0	0	0	7	5	4	7	7	34	36	24	71	67
	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	8	7	4	4	4	2	2	2	1	1	5	3	2	1	1	5	6	4	5	5
		C	0	0	0	0	0	0 [*]	0	0	0	0	0 [*]	0	0	0	0	0	0	0	0	0
		NC	8	7	4	4	4	2	2	2 ¹	1	1 ¹	5	3	2	1	1	5	6	4	5	5
Trinidad and Tobago	Logs	All	73 ¹	52 ¹	31	72	35	1	19	0	7 ¹	30	0 [*]	0 [*]	0	0 [*]	0 [*]	74	71	31	79	65
		C	20 ¹	20 ¹	15	10	20	1	19	0	4	20	0 [*]	0 [*]	0	0 [*]	0 [*]	21	39	15	14	40
		NC	53	32	16	62	15	0 [*]	0	0	3 ¹	10 ¹	0	0 [*]	0	0 [*]	0 [*]	53	32	16	65	25
	Sawn	All	38	27	2	27	15	109	47	46	30	28	0 [*]	1	1	1	1	147	73	48	57	42
		C	10	10	0	0	3	76	36	38	25	25	0 [*]	0	0 [*]	0 [*]	0	86	46	38	25	28
		NC	28	17	2	27	12	33	11	8	5	3	0 [*]	1	1	1	1	61	27	10	32	14
	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	0	0	0	0	0	0	0	0	12	0	0	0	0	0 [*]	0	0	0	0	11	0
		C	0	0	0	0	0	0	0	0	9	0	0	0	0	0 [*]	0	0	0	0	9	0
		NC	0	0	0	0	0	0	0	0	2	0	0	0	0	0 [*]	0	0	0	0	2	0

Table 1-1-c. Production, Trade and Consumption of All Timber by ITTO Producers (1000 m3)

Country	Product	Species	Production					Imports					Exports					Domestic Consumption				
			1997	1998	1999	2000	2001	1997	1998	1999	2000	2001	1997	1998	1999	2000	2001	1997	1998	1999	2000	2001
Venezuela	Logs	All	1152 ¹	1190	1801	1549	1585 ¹	8	0 ^a	0 ^a	0 ^a	0 ^a	0	0 ^a	0 ^a	5	1	1160	1190	1801	1544	1585
		C	452 ¹	523	1091	660	500 ¹	0	0 ^a	0 ^a	0 ^a	0	0	0	0 ^a	0	0	452	523	1091	660	500
		NC	700 ¹	667	710	889	1085	8	0 ^a	0 ^a	0 ^a	0 ^a	0	0 ^a	0 ^a	5	1	708	667	710	884	1085
	Sawn	All	250	261	174	185	191	8	35	28	42	45	0 ^a	0 ^a	3	0 ^a	0 ^a	258	296	200	227	236
		C	10	0	0	0	0	3	23	10	8	0	0 ^a	0 ^a	0 ^a	0 ^a	0	13	23	9	7	0
		NC	240	261	174	185	191	5	12	19	34	45	0 ^a	0 ^a	2	0 ^a	0 ^a	245	273	190	219	236
	Ven	All	34	29	30	29	27	2	6	3	4	5	0 ^a	0 ^a	0 ^a	0 ^a	0 ^a	36	35	32	33	32
		C	0	0	0	0	0	0	2	1	2	0	0 ^a	0	0 ^a	0 ^a	0	0	2	1	2	0
		NC	34	29	30	29	27	2	4	1	2	5	0 ^a	0 ^a	0 ^a	0 ^a	0 ^a	36	33	31	31	32
	Ply	All	40 ¹	30	0	0	0	14	38	34	55	50 ¹	0 ^a	0 ^a	0 ^a	0 ^a	0	54	68	33	55	50
		C	10 ¹	0	0	0	0	5	29	19	28	25 ¹	0	0 ^a	0 ^a	0 ^a	0	15	29	19	28	25
		NC	30 ¹	30	0	0	0	9	9	14	27	25 ¹	0 ^a	0 ^a	0 ^a	0 ^a	0	39	39	14	27	25
Producers Total	Logs	All	194537	188581	209211	212445	213921	3036	3248	4077	4560	4383	16604	13438	15133	16849	14947	180969	178391	198156	200156	203357
		C	38600	38908	48950	46196	47367	392	374	464	456	463	455	716	319	541	422	38537	38566	46095	46111	47408
		NC	155937	149673	163261	166249	166554	2644	2874	3614	4104	3921	16149	12722	14814	16308	14526	142432	139825	152061	154045	155949
	Sawn	All	47063	43734	43297	45243	45728	2674	2054	2118	2407	2480	6908	6484	7245	9228	10438	42829	39305	38171	38422	37771
		C	10917	10670	9186	9840	9763	296	175	273	327	297	845	789	1221	1313	1761	10368	10056	8238	8854	8299
		NC	36146	33064	34112	35403	35965	2378	1879	1845	2081	2184	6064	5695	6024	7915	8677	32460	29249	29933	29568	29472
	Ven	All	2501	2152	2544	2862	2622	159	138	294	227	222	1457	1484	1606	1592	1462	1203	806	1232	1498	1382
		C	198	217	307	317	267	21	11	13	22	17	65	30	43	30	27	154	197	277	310	257
		NC	2303	1935	2237	2545	2355	138	128	281	205	205	1392	1453	1563	1562	1435	1050	610	955	1188	1125
	Ply	All	16717	14806	15170	15413	14496	145	175	289	169	129	13346	11934	11197	10291	10593	3516	3046	4262	5291	4032
		C	749	838	1365	1472	1340	8	63	157	111	72	103	258	667	571	439	654	643	855	1013	973
		NC	15968	13967	13805	13941	13156	137	112	132	58	57	13243	11676	10530	9720	10154	2862	2403	3407	4279	3059
ITTO Total	Logs	All	1129309	1141019	1160983	1191081	1159057	89314	91324	104281	117066	114892	48733	47395	53105	61637	59077	1169890	1184948	1212159	1246510	1214872
		C	735366	728353	741586	764142	732405	51646	51223	61520	69175	67289	26194	27177	29478	33387	32382	760818	752399	773628	799931	767312
		NC	393943	412666	419397	426939	426652	37668	40101	42761	47891	47603	22539	20218	23626	28251	26695	409072	432549	438531	446579	447560
	Sawn	All	352128	345456	358484	362906	359064	104329	104071	111673	115678	114354	94277	93099	98843	101398	101395	362180	356428	371314	377187	372023
		C	265442	262106	272222	274251	267816	88402	87847	92637	95363	94269	81972	81253	84588	85937	85282	271872	268700	280271	283678	276802
		NC	86686	83350	86262	88655	91248	15927	16224	19036	20315	20085	12305	11847	14255	15461	16113	90308	87728	91043	93509	95220
	Ven	All	5990	5602	6190	6710	6221	2716	2676	2959	3004	3256	2877	3246	3260	3293	3160	5828	5032	5889	6421	6317
		C	1619	1577	1840	1935	1765	462	425	521	530	524	491	514	531	575	573	1590	1487	1830	1890	1717
		NC	4371	4025	4350	4775	4456	2254	2251	2437	2474	2732	2386	2730	2728	2718	2587	4239	3545	4058	4531	4600
	Ply	All	53569	48457	50560	52933	52015	16269	16154	15933	16682	15763	18480	16270	16243	15620	16018	51358	48341	50250	53995	51760
		C	26105	24518	26360	27976	27586	3185	3850	3872	4148	3876	3458	2789	3428	3529	3269	25832	25579	26804	28595	28193
		NC	27464	23938	24200	24957	24430	13084	12304	12062	12535	11887	15022	13480	12815	12102	12750	25526	22762	23447	25390	23567

Table 1-1-d. Production, Trade and Consumption of Tropical Timber by ITTO Producers (1000 m³)

Country	Product	Production					Imports					Exports					Domestic Consumption				
		1997	1998	1999	2000	2001	1997	1998	1999	2000	2001	1997	1998	1999	2000	2001	1997	1998	1999	2000	2001
Africa	Logs	11267	11080	12174	13286	12554	1	1	86	185	185	5302	4368	4540	5043	4244	5966	6713	7719	8428	8495
	Sawn	2018	2130	2012	2460	2659	6	2	7	8	10	1208	1308	1418	1795	1941	816	824	601	672	728
	Ven	464	561	625	714	754	0	1	21	0	0	308	372	442	388	403	156	190	204	326	351
	Ply	290	355	366	315	343	2	10	19	1	1	117	124	212	202	231	175	241	173	113	112
Cameroon	Logs	3000	2895	2655	2720	2700 ¹	0	0	0 ¹	0 ¹	0 ¹	1706	1604	1031	635	381	1294	1291	1624	2085	2319
	Sawn	560	589	600	1000 ¹	1150 ¹	0	0	0 ¹	0 ¹	0 ¹	356	353	476	850 ¹	1000 ¹	204	236	124	150	150
	Ven	61	59	53	70	80 ¹	0	0	0 ¹	0 ¹	0 ¹	32	41	48	70	60 ¹	29	18	6	0	20
	Ply	90	89	92	37 ¹	35 ¹	2	2	0 ¹	0 ¹	0 ¹	45	41	88	37	35 ¹	47	50	4	0	0
Central African Republic	Logs	461	530	553	703	750	0	0	0	0	0	110	117	154	250	313	351	413	399	453	437
	Sawn	72	91	79	102	150	0	0	0	0	0	48	72	64	66	76	24	19	15	36	74
	Ven	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Ply	1	1	2	2	4	0	0	0	0	0	0	0	1	0	0	1	1	1	2	4
Congo, Dem. Rep. (former Zaire)	Logs	258 ¹	244 ¹	170 ¹	170 ¹	170 ¹	0 ^c	0 ^c	0 ^c	0 ^c	0 ¹	64	46	49 ^c	16 ¹	16 ¹	194	198	121	154	154
	Sawn	90 ¹	80 ¹	70 ¹	70 ¹	70 ¹	0 ^c	0 ^c	0 ^c	0 ^c	0 ¹	21	19	16 ^c	20 ¹	20 ¹	69	61	54	50	50
	Ven	10 ¹	10 ¹	1 ¹	1 ¹	1 ¹	0 ^c	0 ^c	0 ^{ck}	0 ^c	0 ¹	5	5	1 ^c	0 ^{ck}	0 ¹	5	5	0	1	1
	Ply	10 ¹	10 ¹	1 ¹	1 ¹	1 ¹	0 ^{ck}	0 ^{ck}	0 ^{ck}	0 ^{ck}	0 ¹	0	0	0 ^c	0 ^{ck}	0 ¹	10	10	1	1	1
Congo, Rep.	Logs	911	1184	1187 ¹	1240	1240 ¹	0	0	0 ¹	0 ¹	0 ¹	478	638	645 ¹	757	757 ¹	433	546	542	483	483
	Sawn	64	73	74 ¹	93	93 ¹	0	0	0 ¹	0 ¹	0 ¹	16	47	63 ¹	70	70 ¹	48	26	11	23	23
	Ven	46	52	19 ¹	10	10 ¹	0	0	0 ¹	0 ¹	0 ¹	37	46	16 ¹	3	3 ¹	9	6	3	7	7
	Ply	3	2	3 ¹	1 ¹	0 ¹	0	0	0 ¹	0 ¹	0 ¹	3	0	0 ¹	0 ¹	0 ¹	0	2	3	1	0
Côte d'Ivoire	Logs	2054	2245	2222	2500	2500	0	0	84	180	180	107	93	105	136	140	1947	2152	2201	2544	2540
	Sawn	613	623	611	603	600	0	0	0	0	0	493	508	479	460	475	120	115	132	143	125
	Ven	252	274	269	297	300	0	0	0	0	0	155	156	153	113	120	97	118	116	184	180
	Ply	61	67	59	80	80	0	0	0	0	0	18	14	22	40	50	43	53	37	40	30
Gabon	Logs	3000 ¹	2400	3635	3715	3225	1	0	0	0	0	2720	1773	2338	2584	2199	281	627	1297	1131	1026
	Sawn	26	60	98	88	93	0	0	0 ¹	0	0	3	55	69	79	57	23	5	29	9	36
	Ven	20 ¹	76	133	91	104	0	1	21 ¹	0	0	13 ¹	40	124	91	104	7	37	30	0	0
	Ply	60 ¹	115	134	104	109	0 ¹	8 ¹	18 ¹	0	0	25	57	77	78	87	35	66	76	25	22
Ghana	Logs	1189	1138	1102	998	1000	0	0	0	0	0	0	0	0	0	0	1189	1138	1102	998	1000
	Sawn	575	590	454	475	480	0	0	0	0	0	270	253	250	243	240	305	337	204	232	240
	Ven	75	90 ¹	150	245	259	0	0	0	0	0	66	84	101	111	116	9	6	49	134	143
	Ply	65	71	75	90	114	0	0	0	0	0	26	12	25	47	59	39	59	50	43	55

Table 1-1-d. Production, Trade and Consumption of Tropical Timber by ITTO Producers (1000 m³)

Country	Product	Production					Imports					Exports					Domestic Consumption				
		1997	1998	1999	2000	2001	1997	1998	1999	2000	2001	1997	1998	1999	2000	2001	1997	1998	1999	2000	2001
Liberia	Logs	75	157	336	934	659	0	0	0	0	0	49	81	208	637	409	26	76	128	297	251
	Sawn	1	6	4	10	8	0	0	0	0	0	0 ^a	0	0 ^a	6	0	1	6	4	4	8
	Ven	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Ply	0 ^a	0 ^a	0	0	0	0 ^a	0 ^a	0	0	0	0	0	0	0	0	0	0	0	0	0
Togo	Logs	319	287	314	306	310	0 ^a	1	2	5	5	68	16	11	28	30	251	272	305	283	285
	Sawn	17	18	21	19	15	6	2	7	8	10	1	1	1	2	3	22	19	28	25	22
	Ven	0	0	0	0	0	0 ^a	0 ^a	0 ^a	0 ^a	0	0	0	0	0	0	0	0	0	0	0
	Ply	0	0	0	0	0	0 ^a	0 ^a	1	1	1	0	0	0	0	0	0	0	1	1	1
Asia-Pacific	Logs	86865	79210	78425	79864	79852	2602	2252	3189	3475	3309	10233	7971	9908	10830	9982	79234	73491	71706	72510	73178
	Sawn	21173	17945	18394	19834	20003	1868	1526	1430	1669	1840	3743	3565	3504	4828	5169	19298	15906	16320	16675	16674
	Ven	1486	1078	1244	1410	1251	84	84	214	137	127	947	954	1044	1108	969	623	208	414	438	409
	Ply	14151	12388	12288	12362	11535	48	49	56	16	18	12410	11142	9688	8769	9301	1789	1295	2656	3609	2253
Cambodia	Logs	700 ⁱ	550 ⁱ	291	179	200 ⁱ	0	0	0	0	0 ⁱ	100 ⁱ	7 ^e	0	0	0 ⁱ	600	543	291	179	200
	Sawn	90 ⁱ	60 ⁱ	10	3	5 ⁱ	0	0	0	0	0 ⁱ	71	40	10	3	3 ⁱ	19	20	0	0	2
	Ven	182	181	68	45	50 ⁱ	0	0	0	0	0 ⁱ	182	181	68	45	50 ⁱ	0	0	0	0	0
	Ply	20 ⁱ	16	15	27	30 ⁱ	0	0	0	0	0 ⁱ	10 ⁱ	16	15	27	27 ⁱ	10	0	0	0	3
Fiji	Logs	140 ⁱ	134	80	107	160 ⁱ	0 ⁱ	0 ⁱ	0	0	0	0	0	0	0	0	140	134	80	107	160
	Sawn	77	67	30	40	65	0 ⁱ	0 ⁱ	0	0	0	9	18	17	8	8	68	49	13	32	57
	Ven	5	6	4	3	8	0 ⁱ	0 ⁱ	0	0	0	5	5	2	2	3	0	1	2	1	5
	Ply	5 ⁱ	5 ⁱ	7	9	8	0 ^a	0 ⁱ	0	0	0	5	5	4	4	4	0	0	3	5	4
India	Logs	15500 ⁱ	15000 ⁱ	14000 ⁱ	14000 ⁱ	14000 ⁱ	1000 ⁱ	1328 ^e	1742 ^e	1800 ⁱ	1800 ⁱ	5 ⁱ	1 ^e	2 ^e	0 ^e	2 ⁱ	16495	16327	15740	15800	15798
	Sawn	7000 ⁱ	7000 ⁱ	6800 ⁱ	6800 ⁱ	6800 ⁱ	4 ⁱ	5 ^e	1 ^e	1 ^e	1 ⁱ	25 ⁱ	0 ^e	0 ^{ex}	5 ^e	1 ⁱ	6979	7005	6801	6795	6801
	Ven	15 ⁱ	15 ⁱ	15 ⁱ	15 ⁱ	15 ⁱ	0 ⁱ	7 ^e	2 ^e	0 ^e	0 ⁱ	0 ⁱ	1 ^e	2 ^e	1 ^e	2 ⁱ	15	21	15	15	13
	Ply	300 ⁱ	300 ⁱ	300 ⁱ	300 ⁱ	300 ⁱ	10 ⁱ	10 ^e	7 ^e	5 ^e	10 ⁱ	20 ⁱ	47 ^e	14 ^e	30 ⁱ	30 ⁱ	290	263	293	275	280
Indonesia	Logs	30500 ⁱ	34000 ⁱ	33000 ⁱ	33000 ⁱ	33000 ⁱ	60 ⁱ	20 ⁱ	79 ^e	2 ^e	2 ⁱ	45	99 ⁱ	259 ⁱ	1500 ⁱ	1000 ⁱ	30515	33921	32821	31502	32002
	Sawn	5570 ⁱ	5000 ⁱ	5500 ⁱ	6600 ^a	6400 ^a	1	1 ⁱ	4 ^e	9 ^e	9 ⁱ	300	575	1300 ⁱ	2000 ⁱ	2000 ⁱ	5271	4426	4204	4609	4409
	Ven	50	50 ⁱ	50 ⁱ	50 ⁱ	50 ⁱ	1 ⁱ	1 ⁱ	1 ^e	0 ^e	0 ⁱ	10	2	4 ^e	3 ^e	3 ⁱ	41	49	48	48	47
	Ply	8800 ⁱ	7800 ⁱ	7500 ⁱ	7200 ⁱ	7000 ⁱ	3	1 ⁱ	1 ^e	1 ^e	0 ^a	8534 ^a	7424 ^e	6291 ^e	5790 ^e	6000 ^a	269	377	1210	1411	1000
Malaysia	Logs	31161	21872	21838	23080	24485 ⁱ	61	423	604	718	718 ⁱ	6593	5583	6735	6506	6500	24629	16712	15707	17292	18703
	Sawn	7176	5091	5237	5590	6000 ⁱ	229	436	364	463	463 ⁱ	3007	2703	1863	2337	2700	4398	2824	3738	3716	3763
	Ven	1165	760	1008	1117	900	12	13	68 ⁱ	2	2 ⁱ	717	730	959	1047	900	460	43	117	72	2
	Ply	4447	3904	4123	4434	3900	25	34	45 ⁱ	5 ⁱ	5 ⁱ	3825	3631	3340 ^a	2886	3200	647	307	828	1553	705

Table 1-1-d. Production, Trade and Consumption of Tropical Timber by ITTO Producers (1000 m³)

Country	Product	Production					Imports					Exports					Domestic Consumption				
		1997	1998	1999	2000	2001	1997	1998	1999	2000	2001	1997	1998	1999	2000	2001	1997	1998	1999	2000	2001
Myanmar	Logs	1989	2264 ¹	3347	3574	2073	0	0	0	0	0	484	656	980	927	582	1505	1608	2367	2647	1491
	Sawn	334	299	298	343	377	0	0	0	0	0	110	99	42	24	30	224	200	256	319	346
	Ven	0 ^A	0 ^A	2	0 ^A	0 ^A	0	0	0	0	0	0	0	0 ^A	0 ^A	0 ^A	0	0	2	0	0
	Ply	10	8	8	14	15	0	0	0	0	0	1	1	2	13	5	9	7	6	1	11
Papua New Guinea	Logs	3440 ¹	1850 ¹	2200 ¹	2200 ¹	2200 ¹	0	0	0 ^C	0 ^C	0 ¹	3006	1613	1932 ^C	1897 ^C	1897 ¹	434	237	268	303	303
	Sawn	170 ¹	100 ¹	100 ¹	100 ¹	100 ¹	0	0	0 ^C	0 ^C	0 ¹	38	26	17 ^C	9 ^C	9 ¹	132	74	83	91	91
	Ven	5 ^F	5 ¹	5 ¹	7 ¹	7 ¹	0	0	0 ^C	0 ^C	0 ¹	0	0	2 ^C	5 ^C	5 ¹	5	5	3	2	2
	Ply	40	20 ¹	10 ¹	5 ¹	5 ¹	0	0	0 ^{CA}	0 ^C	0 ¹	0	0	7 ^C	3 ¹	3 ¹	40	20	3	2	2
Philippines	Logs	556	634	730	791	810	665	226	366 ¹	341	325 ¹	0	0	0 ^A	0	0	1221	860	1096	1132	1135
	Sawn	351	222	288	128	134	352	239	307	268	255 ¹	103	39	69	120	142	600	422	526	275	247
	Ven	62	59	89	170	218	66	58	133 ¹	122	117 ¹	31	32	4	4	4	97	85	218	287	331
	Ply	484	281	243	282	255	3	4	4 ¹	4	3 ¹	14	6	12	11	12	473	279	235	275	246
Thailand	Logs	2845	2872	2898 ¹	2894 ¹	2894 ¹	816	255	398	614	464	0 ^A	12	0	0	0	3661	3115	3296	3508	3358
	Sawn	390	91	113	212	110 ¹	1282	845	755	928	1112	77	59	174	310	266	1595	877	694	830	956
	Ven	2	2	3	3	3	5	5	10	12	8	2	3	2	2	2	5	4	11	13	9
	Ply	44	53	82	91	22	7	0	0 ^A	1	0	1	12	4	6	20 ¹	50	41	79	87	2
Vanuatu	Logs	34 ^F	34 ^F	41	40	30	0	0	0	0 ^A	0 ¹	0	0	0 ^A	0 ^A	1	34	34	41	40	29
	Sawn	15 ¹	15 ¹	18	18	12	0	0	0	0 ^A	0 ¹	3	6	12	10	10	12	9	6	7	2
	Ven	0 ^F	0 ^F	0	0	0 ¹	0	0	0	0 ^A	0 ¹	0	0	0	0	0 ¹	0	0	0	0	0
	Ply	1 ¹	1 ¹	0	0	0	0	0 ^A	0	0 ^A	0 ¹	0	0	0	0	0 ¹	1	1	0	0	0
Latin America/Caribbean	Logs	29859	32365	32267	32521	33388	14	5	14	42	50	237	137	227	224	178	29636	32233	32053	32339	33261
	Sawn	11897	12721	12832	12579	12687	423	268	191	212	187	1112	821	1088	1284	1561	11208	12168	11935	11508	11313
	Ven	338	295	367	421	349	32	29	16	18	20	106	126	76	66	63	264	198	307	373	306
	Ply	1521	1224	1152	1265	1278	32	22	25	35	29	711	369	602	717	586	842	877	575	582	721
Bolivia	Logs	600 ¹	797	502	468	598	0	0 ^A	1	0	1	0	0 ^A	3	3	3	600	797	500	465	597
	Sawn	250 ¹	380 ¹	244	239	329	0	0	1	0 ^A	2	133	81	42	43	40	117	299	203	196	291
	Ven	5 ¹	8	1	2	3 ¹	0	0	0 ^A	0	0 ^A	1	3	1	2	3	4	5	0	0	0
	Ply	15 ¹	4	4	4	4	0	0	0	0	0	10	0	1	0	0	5	4	3	4	4
Brazil	Logs	24000 ¹	24500 ¹	25500 ¹	26000 ¹	26500 ^A	11 ^W	4 ¹	7 ¹	16 ^W	16 ¹	0 ¹	0 ¹	0	7 ^W	0 ¹	24011	24504	25507	26010	26516
	Sawn	9642 ^A	9740 ^A	10100 ^A	10100 ^A	10100 ^A	372 ^W	239 ¹	145 ^W	157 ^W	118 ¹	885 ^W	621 ¹	929 ¹	1104 ¹	1389 ¹	9129	9358	9316	9152	8829
	Ven	288 ^A	240 ¹	320 ¹	370 ¹	300 ¹	29 ^W	24 ¹	14 ^W	15 ^W	15 ¹	100 ¹	115 ¹	67 ¹	55 ¹	52 ¹	217	149	267	329	263
	Ply	1200 ¹	900 ¹	880 ^A	980 ^A	1000 ^A	3 ^W	1 ¹	1	0 ^A	0 ¹	584 ^W	264 ^A	508	611 ¹	493 ¹	619	637	373	369	507

Table 1-1-d. Production, Trade and Consumption of Tropical Timber by ITTO Producers (1000 m³)

Country	Product	Production					Imports					Exports					Domestic Consumption				
		1997	1998	1999	2000	2001	1997	1998	1999	2000	2001	1997	1998	1999	2000	2001	1997	1998	1999	2000	2001
Colombia	Logs	1167	2193	1842	1791	1880	0	1	1	0 ^a	0	12	17	17	21	0	1155	2177	1826	1770	1880
	Sawn	520	872	699	567	595	13	6	6	2	0 ^a	6	8	9	2	0 ^{ca}	527	870	696	567	595
	Ven	1	1	1	2	1	1	1	0 ^a	0 ^a	0 ⁱ	0 ^a	0	0	0 ^{ca}	0 ⁱ	2	2	2	2	1
	Ply	28	25	29	31	23 ⁱ	14	10	5	0 ^a	0 ⁱ	1	2	6	4	5 ⁱ	41	33	28	27	18
Ecuador	Logs	1300 ⁱ	1650 ⁱ	1500 ⁱ	1500 ⁱ	1500 ⁱ	0 ^a	0 ^{ca}	0 ^c	0 ^c	0 ⁱ	113	37 ^c	141 ^c	120 ^c	120 ⁱ	1187	1613	1359	1380	1380
	Sawn	560 ⁱ	700 ⁱ	663 ⁱ	663 ⁱ	663 ⁱ	0 ^a	0 ^{ca}	0 ^c	0 ^c	0 ⁱ	12	26 ^c	20 ^c	20 ^c	20 ⁱ	548	674	643	643	643
	Ven	5 ⁱ	5 ⁱ	5 ⁱ	5 ⁱ	5 ⁱ	0 ^a	0 ^{ca}	0 ^{ca}	0 ^{ca}	0 ⁱ	0	1 ^c	0 ^{ca}	0 ^{ca}	1 ⁱ	5	4	5	5	5
	Ply	109 ⁱ	109 ⁱ	104 ⁱ	104 ⁱ	104 ⁱ	0 ^a	0 ^c	0 ^c	0 ^c	0 ⁱ	29	9 ^c	0 ^c	0 ^c	0 ⁱ	80	100	104	104	104
Guatemala	Logs	111 ⁱ	111 ⁱ	100 ⁱ	93 ⁱ	93 ⁱ	0 ⁱ	0 ⁱ	0 ^{ca}	0 ^c	0 ⁱ	0	0 ⁱ	0 ⁱ	0 ⁱ	0 ⁱ	111	111	100	93	93
	Sawn	45 ⁱ	45 ⁱ	40 ⁱ	40 ⁱ	40 ⁱ	0 ⁱ	0 ⁱ	13 ⁱ	18 ⁱ	18 ⁱ	11 ⁱ	5 ⁱ	5 ⁱ	10 ⁱ	10 ⁱ	34	40	48	48	48
	Ven	1 ⁱ	1 ⁱ	1 ⁱ	1 ⁱ	1 ⁱ	0 ⁱ	0 ^{ca}	0 ⁱ	0 ^{ca}	0 ⁱ	1 ⁱ	0 ⁱ	0 ^{ca}	0 ^c	0 ⁱ	0	1	1	1	1
	Ply	10 ⁱ	10 ⁱ	10 ⁱ	10 ⁱ	10 ⁱ	0	0 ⁱ	2 ⁱ	0 ^c	0 ⁱ	5 ⁱ	5 ⁱ	0 ^{ca}	0 ^{ca}	0 ⁱ	5	5	12	10	10
Guyana	Logs	554	387	435	289	289 ⁱ	0	0	0	0	0	81	61	48	54	40	473	326	388	234	249
	Sawn	57	50 ⁱ	50 ⁱ	29 ⁱ	30 ⁱ	0	0	0	0	0	22	12	22	22 ⁱ	19	35	38	28	7	11
	Ven	0	0	0	0	0 ⁱ	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Ply	67	76	87	92	92 ⁱ	0	0	0	0	0	61	70	76	87	73	6	6	10	5	19
Honduras	Logs	41	34	32 ⁱ	12 ⁱ	20 ⁱ	0	0	0 ^a	0	0	0	0	0	0	0	41	34	32	12	20
	Sawn	22	17	15 ⁱ	5 ⁱ	10 ⁱ	0	0	0 ^a	0	0 ^a	0	0	0	0	0	22	17	15	5	10
	Ven	0	0	0	0	0	0 ^a	0 ^a	0 ^a	0 ^a	0 ^a	0	0	0	0	0	0	0	0	0	0
	Ply	1	6	0	0	0	0	0	0	0	0	1	6	0	0	0	0	0	0	0	0
Panama	Logs	34	22	46	60	50	0	0	0 ^a	0	0	0	1	1	4	4	34	21	45	56	46
	Sawn	10 ⁱ	8	26 ⁱ	26 ⁱ	22 ⁱ	0	0	0 ^a	0 ^a	0 ^a	0	0	0 ^a	0 ^a	0 ^a	10	8	26	26	22
	Ven	0 ⁱ	4	2	4	4	0	0	0 ^a	0 ^a	0 ^a	0	0	0 ^a	0	0	0	4	2	4	4
	Ply	0 ⁱ	0	0	4	4	4	0	1	4	3	0 ^a	0 ^a	0 ^a	0 ^a	0 ^a	4	0	1	8	7
Peru	Logs	1119	1829	1488	1180 ⁱ	1180 ⁱ	0	0	5	22	22 ⁱ	0	0	0 ^a	0 ^a	0 ⁱ	1119	1829 ⁱ	1493	1202	1202
	Sawn	482	590	791	620	620 ⁱ	0	0	0	0 ^a	0 ⁱ	36	62	55	75	75 ⁱ	446	528	736	545	545
	Ven	4	7	7 ⁱ	8 ⁱ	8 ⁱ	0	0	0	0	0 ⁱ	4	7	7	8	8 ⁱ	0	0	0	0	0
	Ply	53	57	34	36	36 ⁱ	0	0	0	0 ^a	0 ⁱ	15	10	8 ⁱ	14 ⁱ	14 ⁱ	38	47	26	22	22
Suriname	Logs	180	143	94	178	178	0	0	0	0	0	31	21	17	10	10	149	122	77	168	168
	Sawn	41	41	28	78	74	0	0	0	0	0	7	5	4	7	7	34	36	24	71	67
	Ven	0	0	0	0	0	0	0	0	0	0	0 ^a	0	0	0	0	0	0	0	0	0
	Ply	8	7	4	4	4	2	2	2 ⁱ	1	1 ⁱ	5	3	2	1	1	5	6	4	5	5

Table 1-1-d. Production, Trade and Consumption of Tropical Timber by ITTO Producers (1000 m³)

Country	Product	Production					Imports					Exports					Domestic Consumption				
		1997	1998	1999	2000	2001	1997	1998	1999	2000	2001	1997	1998	1999	2000	2001	1997	1998	1999	2000	2001
Trinidad and Tobago	Logs	53	32	16	62	15	0 *	0	0	3	10 *	0	0 *	0	0 *	0 *	53	32	16	65	25
	Sawn	28	17	2	27	12	33	11	8 *	3	3 *	0 *	1	1	1	0	61	27	10	30	15
	Ven	0	0	0	0	0	0 *	0	0	0	0	0	0	0	0 *	0	0	0	0	0	0
	Ply	0	0	0	0	0	0	0	0	2 *	0	0	0	0	0 *	0	0	0	0	2	0
Venezuela	Logs	700	667	710	889	1085	3	0 *	0 *	0 *	0 *	0	0 *	0 *	5	1	703	667	710	884	1085
	Sawn	240	261	174	185	191	5	12	18	32	45	0 *	0 *	2	0 *	0 *	245	273	190	217	236
	Ven	34	29	30	29	27	2	4	1	2	5	0 *	0 *	0 *	0 *	0 *	36	33	31	31	32
	Ply	30	30	0	0	0	9	9	14	27	25 *	0 *	0 *	0 *	0 *	0	39	39	14	27	25
Producers	Logs	127991	122655	122865	125671	125794	2617	2258	3289	3702	3544	15772	12476	14675	16097	14404	114836	112437	111479	113277	114934
	Sawn	35088	32796	33238	34873	35348	2297	1796	1629	1888	2037	6063	5694	6011	7907	8670	31322	28898	28856	28854	28715
Total	Ven	2288	1934	2236	2544	2354	116	114	251	154	147	1361	1452	1562	1562	1435	1043	596	925	1136	1066
	Ply	15962	13967	13805	13941	13156	82	81	101	52	48	13238	11635	10502	9689	10118	2806	2413	3404	4304	3086
ITTO Total	Logs	128233	122979	123124	125980	126103	16080	13211	16461	18092	18056	15993	12778	15498	16969	15201	128321	123413	124087	127103	128957
	Sawn	37312	34955	35282	37074	37487	7534	7000	8097	8490	8399	6476	6247	7316	8435	9164	38370	35707	36062	37129	36722
	Ven	2804	2489	2732	3115	2927	1465	1122	1393	1399	1378	1439	1543	1660	1673	1556	2830	2068	2464	2841	2749
	Ply	21571	18088	19245	19498	19007	10587	10686	10475	10796	10215	13658	12255	11250	10667	11380	18499	16520	18469	19628	17843

Table 1-2-a. Trade of All Timber by ITTO Consumers - Value (1000 \$ and \$/m3)

Country	Product	Species	Imports				Exports			
			Value		Unit Value		Value		Unit Value	
			1999	2000	1999	2000	1999	2000	1999	2000
Australia	Logs	All	290	585	332	317	33141	37305	38	33
		C	24	65	579	382	29714	34331	36	36
		NC	266	520	320	310	3427	2974	98	17
	Sawn	All	277330	342683	355	334	33979	38200	391	349
		C	216886	269709	322	302	11498	13684	357	274
		NC	60443	72974	555	554	22481	24516	412	412
	Ven	All	17207	15644	779	727	4251	3989	903	645
		C	1993	884	439	147	2832	2774	843	524
		NC	15215	14761	867	951	1419	1215	1053	1362
	Ply	All	45001	44738	425	409	2055	1343	227	249
		C	21370	19155	410	374	1284	990	178	471
		NC	23631	25583	440	439	772	353	415	107
Canada	Logs	All	354570	388485	58	60	249927	325190	86	110
		C	204424	212242	46	47	204278	269432	79	105
		NC	150147	176243	86	89	45649	55757	134	150
	Sawn	All	503462	561887	276	288	8947691	8218140	180	163
		C	151214	159723	204	208	8521249	7766533	176	159
		NC	352248	402165	325	340	426443	451607	318	302
	Ven	All	140431	161926	569	623	315391	344187	462	465
		C	13872	13226	694	441	101945	102839	329	312
		NC	126559	148700	558	647	213446	241348	572	589
	Ply	All	70697	71026	315	309	382542	372260	400	385
		C	41371	38591	291	301	216444	193242	337	332
		NC	29326	32435	355	318	166098	179018	529	466
China	Logs	All	1245108	1655237 ^c	123	126	7210 ^c	9926 ⁱ	367	369
		C	271304	378455 ^c	60	59	507 ^c	397 ⁱ	325	350
		NC	973804	1276781 ^c	175	189	6703 ^c	9529 ⁱ	370	370
	Sawn	All	658657	1384578 ⁱ	242	382	137509 ^c	280082	438	663
		C	61424	140610 ⁱ	156	275	22156 ^c	60953	527	696
		NC	597233	1243968 ⁱ	257	400	115352 ^c	219129	424	654
	Ven	All	204976 ^c	192257 ^c	320	297	46431 ^c	55669	960	1045
		C	5164 ^c	11578 ^c	919	346	5630 ^c	5280	523	626
		NC	199812 ^c	180679 ^c	315	294	40801 ^c	50389	1085	1123
	Ply	All	415837	436784 ^c	399	436	123648 ^c	188942	293	274
		C	12600	49441 ^c	300	533	57769 ^c	89403	320	276
		NC	403237	387343 ^c	403	426	65880 ^c	99539	272	272
(Hong Kong S.A.R.)	Logs	All	215676 ^c	215676 ⁱ	197	197	203325 ^c	203469 ⁱ	238	238
		C	728 ^c	728 ⁱ	278	243	560 ^c	703 ⁱ	238	245
		NC	214948 ^c	214948 ⁱ	197	197	202766 ^c	202766 ⁱ	238	238
	Sawn	All	494941 ^c	243215 ^c	219	315	439219 ^c	4247 ^c	321	171
		C	22679 ^c	35143 ^c	83	245	11469 ^c	140 ^c	157	1093
		NC	472262 ^c	208073 ^c	238	331	427750 ^c	4106 ^c	330	166
	Ven	All	49039 ^c	49823 ^c	631	3064	44538 ^c	49748 ^c	584	3147
		C	1439 ^c	5409 ^c	1124	3012	1581 ^c	5334 ^c	1581	3970
		NC	47600 ^c	44414 ^c	623	3071	42957 ^c	44414 ^c	571	3071
	Ply	All	187869 ^c	136884 ^c	1656	335	96473 ^c	96473 ⁱ	1617	1617
		C	5991 ^c	31884 ^c	1198	294	5129 ^c	5129 ⁱ	1156	1156
		NC	181878 ^c	105000 ⁱ	1677	350	91345 ^c	91345 ⁱ	1654	1654
(Macao S.A.R.)	Logs	All	234 ^c	188 ^c	45	44	22 ^c	43 ^c	165	92
		C	164 ^c	126 ^c	37	36	0 ^c	0 ^c	--	--
		NC	70 ^c	63 ^c	87	76	22 ^c	43 ^c	165	92
	Sawn	All	857 ^c	599 ^c	117	126	277 ^c	348 ^c	123	122
		C	2 ^c	1 ^c	14	178	2 ^c	0 ^c	92	--
		NC	854 ^c	598 ^c	120	126	275 ^c	348 ^c	123	122
	Ven	All	14 ^c	7 ^c	946	1386	11 ^c	1 ^c	1041	290
		C	0 ^c	0 ^c	--	--	0 ^c	0 ^c	--	--
		NC	14 ^c	7 ^c	946	1386	11 ^c	1 ^c	1041	290
	Ply	All	3674 ^c	2909 ^c	165	139	550 ^c	686 ^c	127	102
		C	572 ^c	516 ^c	186	103	360 ^c	460 ^c	120	92
		NC	3102 ^c	2393 ^c	162	150	190 ^c	226 ^c	143	131

Table 1-2-a. Trade of All Timber by ITTO Consumers - Value (1000 \$ and \$/m3)

Country	Product	Species	Imports				Exports			
			Value		Unit Value		Value		Unit Value	
			1999	2000	1999	2000	1999	2000	1999	2000
(Taiwan Province of China)	Logs	All	121532 ^C	121933 ^I	113	98	5152 ^C	3060 ^C	225	193
		C	17319 ^C	17720 ^I	65	59	874 ^C	584 ^C	643	355
		NC	104213 ^C	104213 ^I	129	110	4277 ^C	2476 ^C	199	174
	Sawn	All	194313 ^C	194313 ^I	138	119	46103 ^C	39993 ^C	456	527
		C	75700 ^C	75700 ^I	77	77	20025 ^C	20798 ^C	1005	1177
		NC	118613 ^C	118613 ^I	275	185	26078 ^C	19196 ^C	321	330
	Ven	All	59988 ^C	58783 ^I	364	362	10265 ^C	5487 ^C	1370	536
		C	3285 ^C	2080 ^C	437	371	1083 ^C	732 ^C	823	559
		NC	56703 ^C	56703 ^I	361	361	9182 ^C	4755 ^C	1486	533
	Ply	All	176574 ^C	205469 ^C	272	330	42265 ^C	30879 ^C	477	412
		C	9787 ^C	14719 ^C	286	189	7372 ^C	8122 ^C	525	373
		NC	166787 ^C	190750 ^I	271	350	34893 ^C	22756 ^C	468	428
Egypt	Logs	All	21128 ^F	18019 ^F	97	98	0 ^I	0 ^I	--	--
		C	19030 ^F	16479 ^F	96	97	0 ^I	0 ^I	--	--
		NC	2098 ^F	1540 ^F	98	110	0 ^I	0 ^I	--	--
	Sawn	All	309860 ^F	254931 ^F	119	120	0 ^I	0 ^I	--	--
		C	263641 ^F	192814 ^F	115	105	0 ^I	0 ^I	--	--
		NC	46219 ^F	62117 ^F	153	211	0 ^I	0 ^I	--	--
	Ven	All	11479 ^I	12248 ^I	427	410	0 ^I	0 ^I	--	--
		C	10047 ^I	11674 ^I	400	400	0 ^I	0 ^I	--	--
		NC	1432 ^I	574 ^I	800	800	0 ^I	0 ^I	--	--
	Ply	All	152850 ^I	125450 ^I	435	453	0 ^I	0 ^I	--	--
		C	52850 ^I	30450 ^I	350	350	0 ^I	0 ^I	--	--
		NC	100000 ^I	95000 ^I	500	500	0 ^I	0 ^I	--	--
EU	Logs	All	3181777	3243633	66	57	1056055	1079561	76	61
		C	1419705	1448549	59	49	505114	470731	58	46
		NC	1762072	1795085	74	66	550941	608830	106	81
	Sawn	All	8634395	9347536	215	218	6492715	6180656	206	190
		C	5629767	5981504	174	175	5485184	5133442	188	171
		NC	3004628	3366032	386	386	1007531	1047214	438	422
	Ven	All	1009272	1114164	1155	1295	691668	717528	1430	1450
		C	145144	146297	578	804	75746	87506	660	609
		NC	864128	967867	1388	1427	615922	630021	1669	1795
	Ply	All	1970652	2169296	410	418	1373335	1394572	542	538
		C	807654	901275	371	373	526943	567730	439	424
		NC	1162998	1268020	443	457	846392	826843	636	655
Total	All		14796096	15874630	--	--	9613772	9372316	--	--
	C		8002271	8477625	--	--	6592986	6259410	--	--
	NC		6793825	7397004	--	--	3020786	3112907	--	--
Austria	Logs	All	469615	434908	66	51	88427	68621	85	72
		C	399084	369391	69	53	51435	31575	83	68
		NC	70531	65517	53	45	36992	37046	89	76
	Sawn	All	278211	271271	223	145	1127773	1035477	191	160
		C	184122	182470	178	121	1058756	974672	187	157
		NC	94088	88801	446	249	69017	60805	284	233
	Ven	All	45594	46886	2533	2605	37910	37910 ^I	2651	2651
		C	4155	4118	1484	1471	5360	5360 ^I	2552	2552
		NC	41438	42768	2726	2814	32550	32550 ^I	2668	2668
	Ply	All	83450	75272	614	509	121854	140323	634	612
		C	35456	27977	507	341	88006	113722 ^I	571	571
		NC	47995	47295	727	717	33848	26601 ^I	884	884

Table 1-2-a. Trade of All Timber by ITTO Consumers - Value (1000 \$ and \$/m3)

Country	Product	Species	Imports				Exports			
			Value		Unit Value		Value		Unit Value	
			1999	2000	1999	2000	1999	2000	1999	2000
Belgium	Logs	All	167510	151630	49	36	117105	89420	94	82
		C	61536	66408	56	32	59314	40070	69	52
		NC	105974	85222	46	39	57791	49350	149	153
	Sawn	All	517626	562955	239	223	285862	314286	286	389
		C	250385	260469	172	153	113640	124890	189	250
		NC	267241	302486	374	365	172222	189396	434	617
	Ven	All	58948 ^c	54800 ^c	1653	1270	52186	25200 ⁱ	1581	764
		C	9511 ^c	8308 ^c	1828	1036	2956	1200 ⁱ	985	400
		NC	49437 ^c	46491 ^c	1624	1323	49230	24000 ⁱ	1641	800
	Ply	All	210739	199312	397	393	181994	150592 ^c	451	467
		C	54175	59460	330	330	28031	27772 ^c	314	354
		NC	156564	139852	427	427	153964	122820 ^c	490	504
Denmark	Logs	All	62930	44414	95	95	53182	69157	184	82
		C	28240	22022	112	184	7167	23259	58	33
		NC	34690	22393	84	65	46015	45899	279	310
	Sawn	All	531680	504639	112	155	69811	56167	399	506
		C	448968	421749	98	135	33257	26970	292	281
		NC	82712	82890	473	674	36554	29197	599	1946
	Ven	All	53326	50476	358	1628	14478	12124	658	2021
		C	4444	2598	43	650	1003	495	334	495
		NC	48882	47878	1086	1773	13475	11629	709	2326
	Ply	All	79845	85117	360	350	16915	18557	245	453
		C	38417	44538	298	287	10464	12248	523	408
		NC	41428	40579	445	461	6451	6310	132	574
Finland	Logs	All	392088	351126	39	36	80529	42888	106	83
		C	151550	151666	39	36	74847	37960	101	76
		NC	240537	199460	38	35	5681	4928	379	266
	Sawn	All	71513	77945	247	228	1508357	1430872	182	170
		C	23469	27898	106	106	1498742	1420850	181	169
		NC	48043	50047	707	638	9615	10022	418	392
	Ven	All	12237	10237	1360	1454	39545	39118	494	436
		C	301	432	--	2142	22913	22669	337	294
		NC	11936	9805	1326	1433	16633	16450	1386	1303
	Ply	All	7982	11407	347	337	532563	506488	567	503
		C	1736	1466	579	598	186625	185838	366	340
		NC	6246	9941	312	316	345938	320650	806	697
France	Logs	All	284986	267616	137	128	285069	380180	96	63
		C	28391	30201	60	53	43847	85855	53	35
		NC	256596	237415	160	157	241222	294324	113	83
	Sawn	All	752403	780306	247	232	300585	294776	272	212
		C	482539	475276	195	176	91612	88626	171	121
		NC	269864	305030	472	456	208973	206150	366	312
	Ven	All	87982	87982	962	872	110927	128479	1790	1668
		C	23882	23882	494	488	5327	5730	1906	1516
		NC	64100	64100	1486	1235	105600	122748	1785	1676
	Ply	All	207202	207202	625	596	191814	186710	790	830
		C	91737	91737	755	669	65997	51439	595	515
		NC	115465	115465	550	549	125816	135271	954	1001
Germany	Logs	All	269988	269988 ^E	94	83	254804	254804 ^E	56	51
		C	173067	173067 ^E	71	63	154478	154478 ^E	46	46
		NC	96921	96921 ^E	229	197	100327	100327 ^E	83	63
	Sawn	All	1330341	1330341 ^E	241	229	537492	563264 ^E	225	226
		C	975969	975969 ^E	207	194	309556	309556 ^E	164	174
		NC	354372	354372 ^E	438	460	227936	253708	461	353
	Ven	All	242898	242898 ^E	1372	1168	253388	253388 ^E	2242	2043
		C	19321	19321 ^E	1380	552	6727	6727 ^E	2242	3364
		NC	223577	223577 ^E	1372	1292	246661	246661 ^E	2242	2022
	Ply	All	411500 ⁱ	386500 ⁱ	403	401	65750 ⁱ	95750 ⁱ	411	407
		C	231000 ⁱ	224000 ⁱ	350	350	33250 ⁱ	50750 ⁱ	350	350
		NC	180500 ⁱ	162500 ⁱ	500	500	32500 ⁱ	45000 ⁱ	500	500

Table 1-2-a. Trade of All Timber by ITTO Consumers - Value (1000 \$ and \$/m3)

Country	Product	Species	Imports				Exports			
			Value		Unit Value		Value		Unit Value	
			1999	2000	1999	2000	1999	2000	1999	2000
Greece	Logs	All	41084	33678	141	118	1794	1471	518	487
		C	11089	9090	100	84	76	62	164	137
		NC	29995	24588	166	139	1718	1408	573	549
	Sawn	All	149236	122336	167	140	10281	8428	93	78
		C	124178	101795	214	179	1346	1104	249	209
		NC	25058	20541	80	67	8934	7324	85	71
	Ven	All	8504	4384	792	408	1080	885	751	628
		C	88 ¹	176 ¹	400	800	104	85	786	658
		NC	8416 ¹	4208 ¹	800	400	976	800	747	625
	Ply	All	4628	3793	306	256	12700	10411	687	575
		C	3580	2935	394	329	24	20	241	202
		NC	1048	859	173	145	12676	10391	689	577
Ireland	Logs	All	21618	25231	67	222	8200	21559 ¹	47	238
		C	9009	11915	31	149	7711	7847	44	175
		NC	12609	13316	408	399	489	13712 ¹	568	300
	Sawn	All	168682	183816	296	270	30639	31967	131	117
		C	104112	116215	243	221	25893	27355	114	103
		NC	64570	67601	458	431	4746	4612	678	577
	Ven	All	7867	7867	1573	1573	1426 ¹	1426 ¹	1426	1426
		C	4475	4475	1492	1492	626	626 ^E	--	--
		NC	3392	3392	1696	1696	800 ¹	800 ¹	800	800
	Ply	All	46607	41072	328	331	772	848 ^E	386	424
		C	27142	25852	359	359	386	462	386	462
		NC	19465	15221	293	293	386	386 ^E	386	386
Italy	Logs	All	455718	587009	92	101	8208	12721	547	530
		C	157943	196526	75	76	1239	1481	413	370
		NC	297775	390482	104	121	6969	11240	581	562
	Sawn	All	1545731	1941050	203	232	173345	159393	818	766
		C	875645	1116647	158	177	35712	13426	700	327
		NC	670086	824403	326	397	137634	145967	855	874
	Ven	All	190208	261644	1087	1315	68088	99257	3095	3545
		C	20624	22903	1719	2290	3877	9726	3877	3242
		NC	169584	238741	1040	1263	64212	89531	3058	3581
	Ply	All	170299	221645	464	525	112014	134837	806	924
		C	71915	89547	449	512	43123	48229	846	1005
		NC	98384	132098	475	535	68891	86608	783	884
Luxembourg	Logs	All	28450	94786 ¹	62	107	18235	10729	63	23
		C	26247	19034	58	30	12087	6377	53	49
		NC	2203	75752 ¹	309	300	6148	4351	96	13
	Sawn	All	12672	12081	171	170	6036	5584	122	180
		C	9142	8591	158	168	5805	5331	137	172
		NC	3530	3490	219	177	232	253	32	3732
	Ven	All	439 ¹	507 ¹	2672	3090	4	4 ¹	--	--
		C	187 ¹	216 ¹	8113	9382	1 ¹	1 ¹	7548	7548
		NC	252 ¹	291 ¹	1785	2064	3	3 ¹	--	--
	Ply	All	3466	4008 ¹	446	516	157	157 ¹	551	551
		C	1263	1461 ¹	319	369	39	39 ¹	502	502
		NC	2203	2547 ¹	577	667	118	118 ¹	569	569
Netherlands	Logs	All	37365	39911	88	104	10074	10462	38	48
		C	9527	7314	48	48	5531	5297	35	37
		NC	27838	32598	125	141	4543	5165	44	66
	Sawn	All	763520	978242	212	264	154576	161702	362	422
		C	457392	555369	157	188	67363	73717	239	274
		NC	306129	422873	446	565	87213	87985	601	770
	Ven	All	16663	36240	694	1072	15994	6870	1045	491
		C	4969	6147	558	580	971	378	1079	630
		NC	11694	30093	806	1297	15023	6492	1043	484
	Ply	All	219824	287297	394	506	23691	33834	460	679
		C	69020	101207	284	369	4514	5913	339	400
		NC	150805	186090	478	634	19177	27920	502	798

Table 1-2-a. Trade of All Timber by ITTO Consumers - Value (1000 \$ and \$/m3)

Country	Product	Species	Imports				Exports			
			Value		Unit Value		Value		Unit Value	
			1999	2000	1999	2000	1999	2000	1999	2000
Portugal	Logs	All	177885	156124	124	119	30940	27517	57	39
		C	6675	7348	57	47	7716	5826	61	60
		NC	171210	148775	130	129	23223	21690	56	35
	Sawn	All	122953	106903	451	179	61591	41756	182	152
		C	14593	10624	291	259	57020	37861	176	145
		NC	108360	96280	487	173	4570	3894	336	300
	Ven	All	24907	39718	1566	1419	7706	17590	597	463
		C	2965	5310	1059	1062	4379	11162	429	372
		NC	21942	34409	1675	1496	3327	6428	1232	804
	Ply	All	13052	15766	676	544	1674	1554	478	471
		C	3157	3524	544	441	1382	1436	461	479
		NC	9895	12242	733	583	292	118	584	393
Spain	Logs	All	218360	237829	68	32	16279	12127	51	35
		C	30548	40877	38	23	7863	5398	38	35
		NC	187812	196952	78	34	8417	6729	73	34
	Sawn	All	673830	706377	237	219	30959	41702	389	458
		C	299082	321575	182	169	12130	13122	305	256
		NC	374748	384802	312	291	18829	28579	472	716
	Ven	All	124024	142802 ^c	1409	1368	46256	55465 ^c	1542	1547
		C	23238	21904 ^c	1162	994	7214	9393 ^c	1443	1498
		NC	100786	120898 ^c	1482	1468	39042	46073 ^c	1562	1558
	Ply	All	39031	39031	128	128	62045	66226	282	327
		C	12526	12526	92	92	34354	41308 ^e	414	414
		NC	26505	26505	157	157	27691	24918 ^e	202	242
Sweden	Logs	All	473826	479929	46	41	68674	59946	52	42
		C	296743	310988	49	43	66890	57200	52	41
		NC	177083	168941	42	37	1784	2746	88	81
	Sawn	All	77729	69634	334	280	2150629	1990943	194	177
		C	24597	27177	178	144	2141024	1980529	194	177
		NC	53132	42457	565	696	9605	10415	436	285
	Ven	All	55066	51309	1585	1538	19680	16351	1336	1084
		C	10660	11569	795	703	9485	7525	898	727
		NC	44406	39739	2081	2353	10194	8826	2446	1865
	Ply	All	76394	77723	502	422	30735	27383	477	366
		C	33104	34448	436	396	18234	16672	351	311
		NC	43290	43275	568	445	12501	10711	1000	506
U.K.	Logs	All	80355	69454	256	240	14535	17958	96	140
		C	30056	32701	181	174	4913	8046	409	231
		NC	50299	36753	340	363	9622	9912	69	106
	Sawn	All	1638267	1699639	230	213	44779	44340	305	227
		C	1355573	1379680	205	189	33327	35433	247	192
		NC	282695	319959	561	488	11452	8907	954	893
	Ven	All	80609	76414	1995	2020	22998	23459	371	1356
		C	16323	14938	999	955	4803	6430	961	1484
		NC	64286	61476	2672	2772	18195	17029	319	1313
	Ply	All	396633 ¹	514150 ¹	408	400	18656	20902	691	614
		C	133426 ¹	180598	418	400	12514	11882	659	617
		NC	263207	333553 ^c	404	399	6143	9021	768	609
Japan	Logs	All	2330547	2331429	141	146	561	758	281	253
		C	1684592	1714432	134	140	505	666	253	222
		NC	645955	616997	161	166	56	92	--	--
	Sawn	All	2992588	3235507	317	325	9423	8245	1571	1178
		C	2401822	2593667	287	295	2692	2003	1346	668
		NC	590766	641840	556	561	6731	6242	1683	1561
	Ven	All	92109	101200	822	865	14675	15422	1468	2203
		C	24753	26802	917	924	532	411	--	--
		NC	67356	74398	792	845	14143	15011	1414	2144
	Ply	All	1931886	1894161	395	376	11640	8571	1293	1224
		C	176897	179577	417	444	1728	1096	864	365
		NC	1754989	1714584	393	370	9912	7475	1416	1869

Table 1-2-a. Trade of All Timber by ITTO Consumers - Value (1000 \$ and \$/m3)

			Imports				Exports			
Country	Product	Species	Value		Unit Value		Value		Unit Value	
			1999	2000	1999	2000	1999	2000	1999	2000
Nepal	Logs	All	0	0	--	--	0	0	--	--
		C	0	0	--	--	0	0	--	--
		NC	0	0	--	--	0	0	--	--
	Sawn	All	45 ^c	95 ^c	483	418	0	0	--	--
		C	0 ^c	6 ^c	--	216	0	0	--	--
		NC	45 ^c	89 ^c	483	446	0	0	--	--
	Ven	All	446 ^c	4 ^c	1670	2726	162 ^c	0	626	--
		C	29 ^c	0 ^c	810	--	47 ^c	0	1486	--
		NC	416 ^c	4 ^c	1804	2726	115 ^c	0	505	--
	Ply	All	100 ^c	0 ^c	328	--	33 ^c	0	282	--
C		10 ^c	0 ^c	339	--	5 ^c	0	885	--	
NC		90 ^c	0 ^c	327	--	28 ^c	0	249	--	
New Zealand	Logs	All	988	1773	297	330	289325	319862	50	55
		C	480	1033	214	250	289097	319467	50	55
		NC	509	739	471	594	228	395	95	176
	Sawn	All	20554	24478	714	684	340276	354454	248	233
		C	11785	15736	747	795	339682	353554	247	233
		NC	8769	8741	675	546	595	900	513	569
	Ven	All	1712	1400	1017	1531	3531	6058	204	301
		C	70	126	86	7412	3416	6016	203	300
		NC	1642	1274	1896	1420	115	42	223	707
	Ply	All	6739	6811	1125	722	66706	58504	583	598
		C	4033	4274	1448	800	66438	58115	581	604
		NC	2706	2538	844	621	268	389	6373	240
Norway	Logs	All	151895	145515	50	44	24151	20474	41	40
		C	113492	110123	46	41	23652	20190	41	40
		NC	38403	35393	65	56	499	284	42	71
	Sawn	All	225707	238080	269	252	136877	102803	179	151
		C	188624	191615	243	218	136213	102153	180	156
		NC	37083	46465	579	704	664	650	83	25
	Ven	All	12516	9950	1565	1421	404	367	--	--
		C	1856	1712	928	856	272	97	--	--
		NC	10660	8238	1777	1648	132	270	--	--
	Ply	All	42347	39872	941	848	2143	1729	2143	1729
		C	19813	19335	861	806	734	447	--	--
		NC	22534	20537	1024	893	1409	1282	1409	1282
Rep. of Korea	Logs	All	520655	560388	79	83	226	311	313	456
		C	370293	414128	67	71	27	204	1349	474
		NC	150362	146260	136	156	199	107	283	426
	Sawn	All	260952	245197	374	336	4516	9139	645	538
		C	67568	68978	267	324	3812	6288	635	572
		NC	193384	176219	436	342	704	2851	704	475
	Ven	All	52041	75957	430	309	492	3382	2588	676
		C	7310	7292	487	486	346	1562	3939	521
		NC	44731	68665	422	297	146	1821	1430	910
	Ply	All	260338	306946	347	313	53564	47238	411	423
		C	10414 ^t	15661 ^t	347	313	9128 ^c	5796 ^c	352	428
		NC	249924 ^t	291285 ^t	347	313	44436 ^c	41442 ^c	426	422
Switzerland	Logs	All	36894	29146	99	98	97535	185362	80	49
		C	6644	3742	41	32	63041	150652	69	44
		NC	30250	25404	142	139	34494	34710	113	100
	Sawn	All	144349	134969	323	298	37120	40281	215	209
		C	98784	90376	272	246	19929	24044	178	180
		NC	45565	44593	539	521	17192	16237	286	275
	Ven	All	18169	15778	3947	3532	43315	45442	3650	3498
		C	1692	2293	1692	2565	3500	3680	3500	3016
		NC	16477	13484	4572	3773	39815	41762	3663	3548
	Ply	All	139664	127638	932	835	11263	8101	1658	1816
		C	74079	68437	748	667	727	861	975	1370
		NC	65585	59201	1292	1179	10536	7241	1742	1889

Table 1-2-a. Trade of All Timber by ITTO Consumers - Value (1000 \$ and \$/m3)

Country	Product	Species	Imports				Exports			
			Value		Unit Value		Value		Unit Value	
			1999	2000	1999	2000	1999	2000	1999	2000
U.S.A.	Logs	All	148769	218602	21	30	1350756	1444313	115	121
		C	113117	173683	17	25	1013365	1027208	104	110
		NC	35652	44919	132	142	337391	417105	167	160
	Sawn	All	7815585	7060497	169	150	2184182	2242927	355	361
		C	7374285	6567455	165	145	817770	791839	245	246
		NC	441300	493042	295	293	1366412	1451088	486	484
	Ven	All	403342	454772	1104	1128	420113	463741	1353	1380
		C	104051	109398	708	633	39603	40088	1380	1286
		NC	299291	345374	1371	1499	380510	423653	1350	1390
	Ply	All	893227	855838	358	351	214313	221434	301	310
		C	175766	158979	332	326	157803	164092	279	289
		NC	717461	696859	365	358	56510	57342	384	387
Consumers Total	Logs	All	8330064	8930609	83	79	3317386	3629632	87	81
		C	4221315	4491505	69	65	2130734	2294567	73	70
		NC	4108749	4439103	105	101	1186651	1335066	135	112
	Sawn	All	22533594	23268565	206	205	18809888	17519514	205	190
		C	16564182	16383036	179	172	15391680	14275431	185	169
		NC	5969412	6885529	347	378	3418208	3244082	415	430
	Ven	All	2072740	2263914	778	815	1595246	1711020	965	1006
		C	320705	338771	631	667	236532	256318	485	470
		NC	1752035	1925143	812	848	1358715	1454701	1165	1259
	Ply	All	6297456	6423822	403	389	2380531	2430734	472	456
		C	1413208	1532293	380	380	1051863	1095483	381	370
		NC	4884249	4891529	409	392	1328668	1335250	581	561
	Total	All	39233855	40886910	—	—	26103051	25290899	—	—
		C	22519411	22745605	—	—	18810809	17921800	—	—
		NC	16714444	18141305	—	—	7292242	7369100	—	—
ITTO Total	Logs	All	9116319	9905582	87	85	5234680	5741652	99	93
		C	4313421	4581913	70	66	2146814	2316602	73	69
		NC	4802898	5323669	112	111	3087866	3425050	131	121
	Sawn	All	22978046	23736780	206	205	21043460	20170836	213	199
		C	16637562	16472141	180	173	15666232	14537698	185	169
		NC	6340484	7264639	333	358	5377228	5633138	377	364
	Ven	All	2196961	2374407	742	790	2064788	2164439	633	657
		C	334708	356696	642	673	249963	265149	471	461
		NC	1862253	2017712	764	816	1814825	1899291	665	699
	Ply	All	6403711	6487558	402	389	6192900	5909421	381	378
		C	1468604	1569055	379	378	1235729	1268932	360	360
		NC	4935106	4918503	409	392	4957171	4640489	387	383
	Total	All	40695037	42504327	—	—	34535828	33986348	—	—
		C	22754295	22979805	—	—	19298738	18388380	—	—
		NC	17940742	19524523	—	—	15237090	15597968	—	—

Table 1-2-b. Trade of Tropical Timber by ITTO Consumers - Value (1000 \$ and \$/m³)

Country	Product	Imports				Exports			
		Value		Unit Value		Value		Unit Value	
		1999	2000	1999	2000	1999	2000	1999	2000
Australia	Logs	0	0	--	--	0	0	--	--
	Sawn	44777	52720	504	521	0	0	--	--
	Ven	221	42	1810	412	0	0	--	--
	Ply	9529	7554	489	527	0	0	--	--
Canada	Logs	317	643	197	161	43	52	154	146
	Sawn	9000 ¹	9000 ¹	300	300	49196	43346	--	6192
	Ven	13545	14888	869	954	910 ¹	910 ¹	700	700
	Ply	29326	32435	367	318	3850 ¹	13300 ¹	350	350
China	Logs	755532	960956 ¹	158	158	8 ^c	1283 ¹	228	250
	Sawn	321535	591727 ¹	219	300	1317 ^c	1919	548	724
	Ven	184356 ^c	162643 ^c	301	276	1870 ^c	1506	780	1027
	Ply	300000 ¹	383530 ^c	315	425	15458 ^c	99539	242	272
(Hong Kong S.A.R.)	Logs	131181 ^c	131181 ¹	180	187	202766 ^c	202766 ¹	290	298
	Sawn	177455 ^c	28766 ^c	172	216	427750 ^c	4106 ^c	517	166
	Ven	15297 ^c	4079 ^c	320	1541	2800 ¹	4079 ^c	700	1541
	Ply	155507 ^c	105000 ¹	1471	350	91345 ^c	91345 ¹	1654	1654
(Macao S.A.R.)	Logs	63 ^c	42 ^c	82	87	22 ^c	43 ^c	165	92
	Sawn	744 ^c	524 ^c	114	124	275 ^c	348 ^c	123	122
	Ven	3 ^c	3 ^c	1229	866	11 ^c	1 ^c	1041	290
	Ply	3102 ^c	2393 ^c	162	150	190 ^c	226 ^c	143	131
(Taiwan Province of China)	Logs	86041 ^c	86041 ¹	107	91	516 ^c	373 ^c	341	298
	Sawn	52120 ^c	52120 ¹	207	174	5344 ^c	4124 ^c	566	719
	Ven	40536 ^c	40536 ¹	270	290	853 ^c	1103 ^c	938	644
	Ply	162483 ^c	185500 ¹	270	350	10880 ^c	1740 ^c	824	636
Egypt	Logs	0 ¹	0 ¹	--	--	0 ¹	0 ¹	--	--
	Sawn	900 ¹	900 ¹	300	300	0 ¹	0 ¹	--	--
	Ven	153 ¹	87 ¹	700	700	0 ¹	0 ¹	--	--
	Ply	28000 ¹	66220 ¹	350	350	0 ¹	0 ¹	--	--
EU	Logs	517293	598600	222	233	20946	47500	176	260
	Sawn	910400	1336961	387	479	126271	251564	303	606
	Ven	116124	239515	645	950	90277	121208	1057	1225
	Ply	563455	808169	340	474	209582	340377	358	687
	Total	2107273	2983245	--	--	441076	760649	--	--
Austria	Logs	167 ¹	181 ¹	112	95	0 ¹	0 ¹	--	--
	Sawn	4509	4002	653	596	581	847	575	573
	Ven	1356	1560	1097	780	691	821	1948	1539
	Ply	6022	7999	703	614	3427	2757	1227	1097
Belgium	Logs	36260	26793	542	304	9633	10711	329	295
	Sawn	129328	172635	391	429	97068	120285	418	581
	Ven	15447 ^c	15444 ^c	1176	945	10722	10500 ¹	766	700
	Ply	137180	129336 ¹	408	408	114783	103501 ^c	417	476
Denmark	Logs	5591	3835	621	639	1433	2474	717	2474
	Sawn	29960	31300	713	783	6737	6804	749	972
	Ven	11898	9526 ^c	476	1361	4587	5320	4587	5320
	Ply	20212	17815	374	414	4014	4083	803	680

Table 1-2-b. Trade of Tropical Timber by ITTO Consumers - Value (1000 \$ and \$/m³)

Country	Product	Imports				Exports			
		Value		Unit Value		Value		Unit Value	
		1999	2000	1999	2000	1999	2000	1999	2000
Finland	Logs	19	17	466	1299	0	2	--	1826
	Sawn	7865	7002	1124	1002	1099	1670	1099	603
	Ven	1859	2278	1859	1806	79	94	--	1392
	Ply	1126	674	1126	872	157	274	--	898
France	Logs	181592	174073	227	212	6768	9382	127	267
	Sawn	115718	173559	458	441	6276	14579	482	429
	Ven	27073	27073	1060	810	16486	17809	699	650
	Ply	69534	69276 ^c	663	518	123571	131630	943	1013
Germany	Logs	40397	57651	304	358	9718	16300	347	354
	Sawn	72607	90214	413	575	20506	26574	621	578
	Ven	22429	38079	408	668	27777	33324	2137	2563
	Ply	58026	115695	384	587	9747	10870	609	1208
Greece	Logs	14084	11545	185	155	48	39	1224	1024
	Sawn	6354	5208	297	248	0	0	--	--
	Ven	736 ¹	722 ¹	700	700	976	800	747	625
	Ply	1048	859	173	145	11257	9228	706	590
Ireland	Logs	7251	7236	394	371	394	153	569	27
	Sawn	41144	42371	442	385	4092	3397	682	485
	Ven	1678	1678	1678	1678	700 ¹	700 ¹	700	700
	Ply	17265	14661	719	666	355	355 ¹	355	355
Italy	Logs	71032	97700 ^c	243	235	448	311	1018	970
	Sawn	167731	177165	565	628	35984	10640	1714	1182
	Ven	10364	66841 ^c	1152	1031	4058	15808	1353	3162
	Ply	34407	42729	593	750	25326	32977	904	999
Luxembourg	Logs	93	420	324	107	0	540	--	565
	Sawn	452	627	1101	92	29	31	1735	--
	Ven	15 ¹	17 ¹	5865	6782	0 ^R	0 ¹	--	--
	Ply	1635	1891 ¹	675	781	80	80 ¹	472	472
Netherlands	Logs	17274	22862	199	251	895	818	407	178
	Sawn	182823	304160	475	646	38630	46872	550	712
	Ven	3536	3440	498	930	11879	5024	998	441
	Ply	114811	136415	480	621	14390	24861	491	829
Portugal	Logs	99464	122500 ¹	270	250	781	963	434	321
	Sawn	34111	33876	464	308	2684	2659	455	2659
	Ven	2970	7695	1142	1099	2280	3716	1267	1239
	Ply	1403	1629	561	407	229	106	762	353
Spain	Logs	67970	48204 ^c	149	147	250 ¹	250 ¹	250	250
	Sawn	142560	127496	319	288	1796	10462	587	397
	Ven	24253	31089 ^c	735	703	19434	17349 ^c	1388	1316
	Ply	9197	9197	920	341	17091	15139	214	355
Sweden	Logs	1112	1283	927	583	210	88	1338	1396
	Sawn	8168	7367	875	664	1887	2291	1090	911
	Ven	3473	3333	2043	1522	1330	1429	2936	2385
	Ply	4621	3974	464	528	18	6	73	57
U.K.	Logs	11340	24299	468	373	0	5470	--	113
	Sawn	96849	159979	462	488	0	4454	--	893
	Ven	4499	30739	1236	2772	0	8514	--	1313
	Ply	225784	256019 ^c	346	391	0	4510	--	609

Table 1-2-b. Trade of Tropical Timber by ITTO Consumers - Value (1000 \$ and \$/m³)

Country	Product	Imports				Exports			
		Value		Unit Value		Value		Unit Value	
		1999	2000	1999	2000	1999	2000	1999	2000
Japan	Logs	540846	493306	153	157	0	0	--	--
	Sawn	338751	373129	513	543	224	266	--	--
	Ven	35483	34040	669	714	1328	1274	--	--
	Ply	1725253	1671640	391	367	1871	1858	1871	1858
Nepal	Logs	0	0	--	--	0	0	--	--
	Sawn	45 ^c	0 ^c	483	--	0	0	--	--
	Ven	116 ^c	2 ^c	1108	--	81 ^c	0	768	--
	Ply	90 ^c	0 ^c	327	--	0 ^c	0	--	--
New Zealand	Logs	312	650	438	617	0	0	--	--
	Sawn	2657	2330	839	888	13 ⁱ	86	2217	--
	Ven	1489	1141	1956	1547	3	29	2992	969
	Ply	2430	2296	802	562	216	380	--	235
Norway	Logs	250 ⁱ	250 ⁱ	250	250	9	169	22	423
	Sawn	4031	5010	336	716	118	91	17	--
	Ven	3385	3441	1693	1147	74	133	--	--
	Ply	3179	2693	795	673	1145	1074	1145	1074
Rep. of Korea	Logs	120109	108983	124	119	163 ^c	20	262	225
	Sawn	96331	89585	354	390	31 ^c	1036	--	345
	Ven	18699	30307	340	180	0 ^{CR}	50	--	1799
	Ply	224177 ^c	265033 ^c	314	298	468 ^c	643 ^c	1044	751
Switzerland	Logs	3384	2977	346	306	4	7	--	4972
	Sawn	7434	8150	683	642	94	245	336	323
	Ven	759	734	2514	1881	53	496	3387	4451
	Ply	9435	8098	985	863	900	262	2852	2127
U.S.A.	Logs	6722	6975	--	--	3987	1137	3987	569
	Sawn	164497	186116	579	564	28122	30018	469	448
	Ven	36577	36786	1437	1444	6352	7538	1672	1590
	Ply	665034 ^c	503959 ^c	389	331	3565	3946	223	263
Consumers Total	Logs	2162051	2390604	164	166	228464	253351	278	290
	Sawn	2130677	2737038	329	415	632755	337149	485	638
	Ven	466742	568246	409	456	104612	138328	1068	1246
	Ply	3881002	4044520	374	376	339469	554689	454	567
	Total	8640471	9740407	--	--	1305299	1283516	--	--
ITTO Total	Logs	2801670	3116936	170	172	2075033	2335102	134	138
	Sawn	2432976	3035528	300	358	2579304	2505871	353	297
	Ven	556821	618049	400	442	560710	582874	338	348
	Ply	3919733	4066481	374	377	3949879	3841827	351	360
	Total	9711199	10836995	--	--	9164927	9265672	--	--

Table 1-2-c. Trade of All Timber by ITTO Producers - Value (1000 \$ and \$/m3)

Country	Product	Species	Imports				Exports			
			Value		Unit Value		Value		Unit Value	
			1999	2000	1999	2000	1999	2000	1999	2000
Africa	Logs	All	25732	55401	298	299	681750	620164	150	123
		C	166	0	250	--	0	0	--	--
		NC	25567	55401	298	299	681750	620164	150	123
	Sawn	All	912	355	120	45	500207	536094	353	299
		C	93	9	311	783	0	17	--	--
		NC	819	346	112	44	500207	536077	353	299
	Ven	All	8307	90	205	300	138970	123431	314	318
		C	3	0	11	0	0	0	--	--
		NC	8303	90	206	--	138970	123431	314	318
	Ply	All	46666	113	345	105	55018	59469	259	294
		C	32206	0	349	0	0	0	0	--
		NC	14460	113	336	146	55018	59469	259	294
	Total	All	81618	55959	--	--	1375945	1339158	--	--
		C	32469	9	--	--	0	17	--	--
		NC	49149	55950	--	--	1375945	1339141	--	--
Cameroon	Logs	All	0 ¹	0 ¹	--	--	154265	123996	150	195
		C	0 ¹	0 ¹	--	--	0	0	--	--
		NC	0 ¹	0 ¹	--	--	154265	123996	150	195
	Sawn	All	0 ¹	0 ¹	--	--	195750	265407	411	312
		C	0 ¹	0 ¹	--	--	0	0	--	--
		NC	0 ¹	0 ¹	--	--	195750	265407	411	312
	Ven	All	0 ¹	0 ¹	--	--	26750	33937	563	483
		C	0 ¹	0 ¹	--	--	0	0	--	--
		NC	0 ¹	0 ¹	--	--	26750	33937	563	483
	Ply	All	0 ¹	0 ¹	--	--	9610	9614	109	259
		C	0 ¹	0 ¹	--	--	0	0	--	--
		NC	0 ¹	0 ¹	--	--	9610	9614	109	259
Central African Republic	Logs	All	0	0	--	--	26755	39559	174	158
		C	0	0	--	--	0	0	--	--
		NC	0	0	--	--	26755	39559	174	158
	Sawn	All	0	0	--	--	17064	16290	267	248
		C	0	0	--	--	0	0	--	--
		NC	0	0	--	--	17064	16290	267	248
	Ven	All	0	0	--	--	0	0	--	--
		C	0	0	--	--	0	0	--	--
		NC	0	0	--	--	0	0	--	--
	Ply	All	0	0	--	--	312	108	520	541
		C	0	0	--	--	0	0	--	--
		NC	0	0	--	--	312	108	520	541
Congo, Dem. Rep. (former Zaire)	Logs	All	166 ¹	0 ^c	250	--	13881 ^c	4000 ¹	284	250
		C	166 ¹	0 ^c	250	--	0 ^c	0 ¹	--	--
		NC	0 ^c	0 ^c	--	--	13881 ^c	4000 ¹	284	250
	Sawn	All	1 ¹	9 ^c	400	783	5945 ^c	6017 ¹	371	301
		C	0 ^c	9 ^c	--	783	0 ^c	17 ¹	--	--
		NC	1 ¹	0 ^c	400	--	5945 ^c	6000 ¹	371	300
	Ven	All	13 ^c	0 ^c	121	--	889 ^c	364 ^c	1181	1582
		C	3 ^c	0 ^c	162	--	0 ^c	0 ^c	--	--
		NC	10 ^c	0 ^c	111	--	889 ^c	364 ^c	1181	1582
	Ply	All	32217 ¹	10 ¹	350	500	0 ^c	15 ^c	--	578
		C	32206 ¹	0 ¹	350	--	0 ^c	0 ^c	--	--
		NC	11 ¹	10 ¹	500	500	0 ^c	15 ^c	--	578
Congo, Rep.	Logs	All	0	0	--	--	193500 ¹	77310 ¹	300	102
		C	0	0	--	--	0 ¹	0 ¹	--	--
		NC	0	0	--	--	193500 ¹	77310 ¹	300	102
	Sawn	All	0	0	--	--	26661 ¹	29474 ¹	423	423
		C	0	0	--	--	0 ¹	0 ¹	--	--
		NC	0	0	--	--	26661 ¹	29474 ¹	423	423
	Ven	All	0	0	--	--	8145 ¹	1606 ¹	509	509
		C	0	0	--	--	0 ¹	0 ¹	--	--
		NC	0	0	--	--	8145 ¹	1606 ¹	509	509
	Ply	All	0	0	--	--	0 ¹	7 ¹	--	350
		C	0	0	--	--	0 ¹	0 ¹	--	--
		NC	0	0	--	--	0 ¹	7 ¹	--	350

Table 1-2-c. Trade of All Timber by ITTO Producers - Value (1000 \$ and \$/m3)

Country	Product	Species	Imports				Exports			
			Value		Unit Value		Value		Unit Value	
			1999	2000	1999	2000	1999	2000	1999	2000
Côte d'Ivoire	Logs	All	25200 ¹	54000 ¹	300	300	10603	21269	101	156
		C	0	0	--	--	0	0	--	--
		NC	25200 ¹	54000 ¹	300	300	10603	21269	101	156
	Sawn	All	0	0	--	--	157044	130907	328	285
		C	0	0	--	--	0	0	--	--
		NC	0	0	--	--	157044	130907	328	285
	Ven	All	0	0	--	--	37733	27064	247	240
		C	0	0	--	--	0	0	--	--
		NC	0	0	--	--	37733	27064	247	240
	Ply	All	0	0	--	--	7809	11978	355	299
		C	0	0	--	--	0	0	--	--
		NC	0	0	--	--	7809	11978	355	299
Gabon	Logs	All	0	0	--	--	258547	285751 ¹	111	111
		C	0	0	--	--	0	0 ¹	--	--
		NC	0	0	--	--	258547	285751 ¹	111	111
	Sawn	All	170	0	1704	--	8182	9388 ¹	118	118
		C	0	0	--	--	0	0 ¹	--	--
		NC	170 ¹	0	1704	--	8182	9388 ¹	118	118
	Ven	All	8190	0	204	--	16146	11801 ¹	130	130
		C	0	0	--	--	0	0 ¹	--	--
		NC	8190	0	204	--	16146	11801 ¹	130	130
	Ply	All	14256	0	340	--	25203	25662 ¹	328	328
		C	0	0	--	--	0	0 ¹	--	--
		NC	14256	0	340	--	25203	25662 ¹	328	328
Ghana	Logs	All	0	0	--	--	0	0	--	--
		C	0	0	--	--	0	0	--	--
		NC	0	0	--	--	0	0	--	--
	Sawn	All	0	0	--	--	89334	76607	357	316
		C	0	0	--	--	0	0	--	--
		NC	0	0	--	--	89334	76607	357	316
	Ven	All	0	0	--	--	49308	48660	488	440
		C	0	0	--	--	0	0	--	--
		NC	0	0	--	--	49308	48660	488	440
	Ply	All	0	0	--	--	12085	12085	483	258
		C	0	0	--	--	0	0	--	--
		NC	0	0	--	--	12085	12085	483	258
Liberia	Logs	All	0	0	--	--	23418	67505	113	106
		C	0	0	--	--	0	0	--	--
		NC	0	0	--	--	23418	67505	113	106
	Sawn	All	0	0	--	--	75	1351	250	225
		C	0	0	--	--	0	0	--	--
		NC	0	0	--	--	75	1351	250	225
	Ven	All	0	0	--	--	0	0	--	--
		C	0	0	--	--	0	0	--	--
		NC	0	0	--	--	0	0	--	--
	Ply	All	0	0	--	--	0	0	--	--
		C	0	0	--	--	0	0	--	--
		NC	0	0	--	--	0	0	--	--
Togo	Logs	All	366	1401	203	280	781	776	71	28
		C	0	0	--	--	0	0	--	--
		NC	366	1401	203	280	781	776	71	28
	Sawn	All	741	346	99	44	152	653	254	289
		C	93	0	311	--	0	0	--	--
		NC	648	346	90	44	152	653	254	289
	Ven	All	104 ¹	90 ¹	346	300	0	0	--	--
		C	0 ¹	0 ¹	--	--	0	0	--	--
		NC	104 ¹	90 ¹	--	--	0	0	--	--
	Ply	All	193	103	138	98	0	0	--	--
		C	0 ¹	0 ¹	--	--	0	0	--	--
		NC	193	103	175	137	0	0	--	--

Table 1-2-c. Trade of All Timber by ITTO Producers - Value (1000 \$ and \$/m3)

Country	Product	Species	Imports				Exports			
			Value		Unit Value		Value		Unit Value	
			1999	2000	1999	2000	1999	2000	1999	2000
Asia-Pacific	Logs	All	751763	907380	190	211	1200686	1452421	121	134
		C	90040	88763	200	202	2899	2526	200	250
		NC	661723	818617	189	212	1197788	1449895	121	134
	Sawn	All	400463	420523	220	201	1085080	1440106	307	297
		C	48215	63889	274	262	10105	8345	328	306
		NC	352248	356634	214	193	1074975	1431761	307	297
	Ven	All	97603	88987	421	448	290566	257395	278	232
		C	8390	10083	871	575	1276	734	793	569
		NC	89214	78904	402	435	289290	256661	277	232
	Ply	All	33393	27935	341	340	3374521	3052196	346	347
		C	12313	18067	311	276	14096	10780	417	318
		NC	21080	9868	361	589	3360425	3041416	346	347
	Total	All	1283221	1444824	--	--	5950853	6202118	--	--
		C	158957	180801	--	--	28375	22385	--	--
		NC	1124264	1264023	--	--	5922478	6179733	--	--
Cambodia	Logs	All	0	0	--	--	0	0	--	--
		C	0	0	--	--	0	0	--	--
		NC	0	0	--	--	0	0	--	--
	Sawn	All	0	0	--	--	3587	1043	350	400
		C	0	0	--	--	0	0	--	--
		NC	0	0	--	--	3587	1043	350	400
	Ven	All	0	0	--	--	30687	20108	450	450
		C	0	0	--	--	0	0	--	--
		NC	0	0	--	--	30687	20108	450	450
	Ply	All	0	0	--	--	6691	11928	450	450
		C	0	0	--	--	0	0	--	--
		NC	0	0	--	--	6691	11928	450	450
Fiji	Logs	All	0	0	--	--	0	0	--	--
		C	0	0	--	--	0	0	--	--
		NC	0	0	--	--	0	0	--	--
	Sawn	All	23	27	--	27	5908	7273 ¹	348	520
		C	23	27	--	27	0	2400 ¹	--	400
		NC	0	0	--	0	5908	4873	348	609
	Ven	All	0	0	--	--	1580	1400	699	700
		C	0	0	--	--	0	0	--	--
		NC	0	0	--	--	1580	1400	699	700
	Ply	All	0	0	--	--	2628	2146	657	537
		C	0	0	--	--	0	0	--	--
		NC	0	0	--	--	2628	2146	657	537
India	Logs	All	496286 ¹	610000 ¹	237	293	351 ^c	114 ^c	171	373
		C	70000 ¹	70000 ¹	250	250	0 ^c	22 ^c	--	545
		NC	426286 ^c	540000 ¹	235	300	351 ^c	92 ^c	171	347
	Sawn	All	2809 ^c	4259 ^c	611	390	214 ^c	4411 ^c	270	733
		C	487 ^c	302 ^c	226	256	34 ^c	51 ^c	97	78
		NC	2322 ^c	3958 ^c	949	406	180 ^c	4360 ^c	406	813
	Ven	All	3943 ^c	4101 ^c	1215	2206	4238 ^c	3906 ^c	1419	7554
		C	1258 ^c	617 ^c	1258	2666	923 ^c	27 ^c	923	4251
		NC	2684 ^c	3484 ^c	1195	2141	3315 ^c	3879 ^c	1668	7596
	Ply	All	5571 ^c	4685 ^c	316	379	24301 ¹	15517 ¹	440	491
		C	3278 ^c	2603 ^c	306	358	3475 ^c	640 ¹	256	350
		NC	2294 ^c	2082 ^c	331	409	20826 ¹	14877 ¹	500	500
Indonesia	Logs	All	40519 ^c	37409 ^c	194	219	80125 ¹	377500 ¹	298	250
		C	10721 ^c	1462 ^c	86	37	2500 ¹	2500 ¹	250	250
		NC	29798 ^c	35947 ^c	355	273	77625 ¹	375000 ¹	300	250
	Sawn	All	29321 ^c	48232 ^c	451	395	547845 ¹	805583 ¹	412	399
		C	16444 ^c	25408 ^c	354	293	9509 ^c	5583 ¹	329	275
		NC	12876 ^c	22823 ^c	694	649	538336 ¹	800000 ¹	414	400
	Ven	All	13112 ^c	12599 ^c	1785	2287	3092 ^c	1896 ^c	740	507
		C	3921 ^c	4895 ^c	1578	1944	208 ^c	621 ^c	603	545
		NC	9191 ^c	7705 ^c	1891	2575	2885 ^c	1275 ^c	752	490
	Ply	All	2061 ^c	2795 ^c	214	449	2256286 ^c	1988913 ^c	359	344
		C	1067 ^c	1666 ^c	149	335	0 ¹	0 ¹	--	--
		NC	994 ^c	1129 ^c	403	899	2256286 ^c	1988913 ^c	359	344

Table 1-2-c. Trade of All Timber by ITTO Producers - Value (1000 \$ and \$/m3)

Country	Product	Species	Imports				Exports			
			Value		Unit Value		Value		Unit Value	
			1999	2000	1999	2000	1999	2000	1999	2000
Malaysia	Logs	All	49283	64191	82	85	698236	655627	104	101
		C	0	10000 ¹	--	250	0	0	--	--
		NC	49283	54191	82	75	698236	655627	104	101
	Sawn	All	37773	32127 ¹	104	69	457584	521929	246	223
		C	18	1320 ¹	252	275	0	0	--	--
		NC	37755	30807	104	67	457584	521929	246	223
	Ven	All	27325	23984	402	600	237290	217385	247	208
		C	0	0	--	--	0	0	--	--
		NC	27325	23984	402	600	237290	217385	247	208
	Ply	All	14309	3200	319	457	1066108 ¹	1011172 ¹	319	350
		C	0	700 ¹	--	350	0	0	--	--
		NC	14309 ¹	2500 ¹	319	500	1066108 ¹	1011172 ¹	319	350
Myanmar	Logs	All	0	0	--	--	183483	184664	187	199
		C	0	0	--	--	0	0	--	--
		NC	0	0	--	--	183483	184664	187	199
	Sawn	All	0	0	--	--	12921	16018	311	664
		C	0	0	--	--	0	0	--	--
		NC	0	0	--	--	12921	16018	311	664
	Ven	All	0	0	--	--	503	215	1524	538
		C	0	0	--	--	0	0	--	--
		NC	0	0	--	--	503	215	1524	538
	Ply	All	0	0	--	--	589	2382	291	178
		C	0	0	--	--	0	0	--	--
		NC	0	0	--	--	589	2382	291	178
PNG	Logs	All	14 ^c	0 ^c	141	--	238335 ^c	234478 ^c	123	124
		C	8 ^c	0 ^c	123	--	399 ^c	0 ^c	89	--
		NC	5 ^c	0 ^c	185	--	237936 ^c	234478 ^c	123	124
	Sawn	All	2 ^c	183 ^c	--	--	7023 ^c	5330 ^c	393	583
		C	2 ^c	183 ^c	--	--	400 ^c	45 ^c	389	--
		NC	0 ^c	0 ^c	--	--	6623 ^c	5285 ^c	394	578
	Ven	All	59 ^c	0 ^c	586	--	394 ^c	1143 ^c	254	243
		C	59 ^c	0 ^c	586	--	0 ^c	0 ^c	--	--
		NC	0 ^c	0 ^c	--	--	394 ^c	1143 ^c	254	243
	Ply	All	140 ^c	13 ^c	359	--	1514 ^c	1500 ¹	215	500
		C	83 ^c	4 ^c	252	--	82 ^c	0 ¹	390	--
		NC	57 ^c	9 ^c	950	--	1432 ^c	1500 ¹	210	500
Philippines	Logs	All	69450	54341	119	93	4	0	267	--
		C	7327	3844	283	93	0	0	--	--
		NC	62123	50497	111	93	4	0	267	--
	Sawn	All	116771	79810	306	223	8739	20457	126	170
		C	15904	16549	350	361	55	0	168	--
		NC	100867	63261	300	202	8684	20457	126	170
	Ven	All	41786	33826	301	248	2890	2962	628	640
		C	3026	4523	510	309	145	86	549	593
		NC	38760	29303	291	241	2745	2876	633	642
	Ply	All	3372	3728	691	765	3758	3859	318	361
		C	175 ¹	175 ¹	142	143	0	0	--	--
		NC	3197 ¹	3553 ¹	876	974	3758	3859	318	361
Thailand	Logs	All	96211	141428	206	198	65	20	1540	140
		C	1984	3448	99	89	0	4	--	82
		NC	94227	137980	211	205	65	16	1540	173
	Sawn	All	213764	255658	212	225	37512	55117	215	177
		C	15336	20053	187	192	107	13	423	641
		NC	198428	235605	215	228	37405	55104	214	177
	Ven	All	11378	14472	806	958	9892	8380	4071	3912
		C	125	45	1083	387	0	0	--	--
		NC	11254	14427	804	962	9892	8380	4071	3912
	Ply	All	7939	13287	383	259	12646	14779	535	377
		C	7709	12712	381	256	10539	10140	527	316
		NC	229	575	462	358	2107	4639	582	649

Table 1-2-c. Trade of All Timber by ITTO Producers - Value (1000 \$ and \$/m3)

Country	Product	Species	Imports				Exports			
			Value		Unit Value		Value		Unit Value	
			1999	2000	1999	2000	1999	2000	1999	2000
Vanuatu	Logs	All	0	12	--	242	88	18	2943	1295
		C	0	10	--	223	0	0	--	--
		NC	0	2	--	373	88	18	2943	1295
	Sawn	All	0	226	--	224	3747	2945	307	274
		C	0	46	--	153	0	254	--	846
		NC	0	180	--	253	3747	2691	307	258
	Ven	All	0	5	--	264	0	0	--	--
		C	0	4	--	444	0	0	--	--
		NC	0	1	--	101	0	0	--	--
	Ply	All	0	227	--	406	0	0	--	--
		C	0	207	--	506	0	0	--	--
		NC	0	20	--	133	0	0	--	--
Latin America/ Caribbean	Logs	All	8760	12192	246	181	34858	39434	52	41
		C	1900	1644	158	101	13181	19509	43	37
		NC	6860	10547	291	207	21677	19925	59	46
	Sawn	All	43077	47338	149	156	648285	675123	283	262
		C	25072	25208	259	305	264447	253905	222	198
		NC	18005	22129	94	100	383838	421218	349	326
	Ven	All	18311	21417	849	760	40005	72594	339	768
		C	5610	7842	1727	1690	12156	8096	290	286
		NC	12701	13575	693	576	27849	64497	365	973
	Ply	All	26195	35688	473	418	382829	367022	310	286
		C	10878	18695	433	412	169770	162668	268	303
		NC	15318	16993	506	424	213060	204354	354	273
	Total	All	96343	116634	--	--	1105978	1154173	--	--
		C	43459	53390	--	--	459554	444178	--	--
		NC	52884	63244	--	--	646424	709994	--	--
Bolivia	Logs	All	27	33	34	28	67	47	21	15
		C	0	0	--	--	0	0	--	--
		NC	27	33	34	28	67	47	21	15
	Sawn	All	1753	1946	369	360	22223	24275	531	563
		C	1526	1689	390	428	0	0	--	--
		NC	227	256	270	177	22223	24275	531	563
	Ven	All	65	246	2939	1535	2539	2856	2539	1226
		C	15	0	1626	--	0	0	--	--
		NC	50	246	3844	1535	2539	2856	2539	1226
	Ply	All	0	0	--	--	650	0	756	--
		C	0	0	--	--	0	0	--	--
		NC	0	0	--	--	650	0	756	--
Brazil	Logs	All	1057	1675	44	55	22286	28182	50	38
		C	488	182	56	22	12876	19078	43	36
		NC	569	1493	38	66	9410	9104	68	42
	Sawn	All	5228	5421	36	34	497348	519522	256	235
		C	77	194	--	366	223921	212670	221	193
		NC	5151	5227	36	33	273427	306852	294	278
	Ven	All	9317	11554	658	577	27244	64875	250	777
		C	461	1362	--	--	11526	7974	277	283
		NC	8856	10192	626	509	15718	56901	234	1028
	Ply	All	989	784	688	892	345029	315862	306	278
		C	0	0	--	--	164827	156183	266	299
		NC	989	784	688	892	180202	159679	355	261
Colombia	Logs	All	51	14	75	68	1361	1654	81	80
		C	0	0	--	--	0	18	--	153
		NC	51	14	75	68	1361	1636	81	80
	Sawn	All	1650	1449	243	697	2178	1366	240	302
		C	334	60	1017	1308	137	1	403	112
		NC	1316	1389	203	684	2041	1365	234	303
	Ven	All	1766	2080	1942	2096	0	41	--	977
		C	1192	1421	2537	2082	0	0	--	--
		NC	574	659	1306	2126	0	41	--	977
	Ply	All	2723	2143	482	456	3116	1975	501	475
		C	20	97	45	423	12	65	783	1717
		NC	2703	2046	518	458	3104	1910	500	464

Table 1-2-c. Trade of All Timber by ITTO Producers - Value (1000 \$ and \$/m3)

Country	Product	Species	Imports				Exports			
			Value		Unit Value		Value		Unit Value	
			1999	2000	1999	2000	1999	2000	1999	2000
Ecuador	Logs	All	1 ^c	2 ^c	--	--	5252 ^c	3825 ^c	37	32
		C	0 ^c	0 ^c	--	--	2 ^c	13 ^c	126	129
		NC	0 ^c	2 ^c	--	--	5250 ^c	3812 ^c	37	32
	Sawn	All	14 ^c	5 ^c	3204	748	19334 ^c	14976 ^c	938	722
		C	4 ^c	0 ^c	--	--	413 ^c	188 ^c	378	187
		NC	10 ^c	5 ^c	2313	1066	18921 ^c	14788 ^c	969	750
	Ven	All	264 ^c	301 ^c	809	2175	1378 ^c	1254 ^c	3375	2328
		C	123 ^c	149 ^c	473	1723	41 ^c	59 ^c	342	630
		NC	141 ^c	152 ^c	2120	2929	1337 ^c	1194 ^c	4653	2689
	Ply	All	35 ^c	40 ^c	743	792	2000 ⁱ	14198 ⁱ	500	404
		C	35 ^c	33 ^c	743	649	2000 ⁱ	2500 ⁱ	500	500
		NC	0 ^c	7 ^c	--	--	0 ^c	11698 ^c	--	388
Guatemala	Logs	All	1985	1350 ⁱ	397	270	303	446	204	225
		C	1185 ⁱ	750 ⁱ	395	250	301	397 ⁱ	206	222
		NC	800 ⁱ	600 ⁱ	400	300	2	49 ⁱ	84	250
	Sawn	All	12792	14248 ⁱ	288	326	7884	10191	191	226
		C	7392 ⁱ	7068 ⁱ	234	275	5413 ⁱ	7949 ⁱ	149	225
		NC	5400 ⁱ	7180 ⁱ	420	400	2472	2242 ⁱ	498	230
	Ven	All	1962	357 ^c	890	753	142 ^c	25	331	501
		C	0 ⁱ	22 ^c	--	400	26 ^c	25	372	500
		NC	1962 ⁱ	334 ^c	890	800	116 ^c	0 ^c	324	--
	Ply	All	3923	921 ^c	560	354	1039 ^c	2051	410	805
		C	2323 ⁱ	919 ^c	562	355	973 ^c	1989 ⁱ	397	806
		NC	1600 ⁱ	2 ^c	557	182	67 ^c	62 ⁱ	748	768
Guyana	Logs	All	0	0	--	--	3056	3409	64	63
		C	0	0	--	--	0	0	--	--
		NC	0	0	--	--	3056	3409	64	63
	Sawn	All	0	318 ⁱ	--	159	6670	11156	307	507
		C	0	318 ⁱ	--	159	0	0	--	--
		NC	0	0	--	--	6670	11156	307	507
	Ven	All	350 ⁱ	1289 ⁱ	350	645	0	0	--	--
		C	350 ⁱ	1289 ⁱ	350	645	0	0	--	--
		NC	0	0	--	--	0	0	--	--
	Ply	All	0	0	--	--	21620	23605	283	271
		C	0	0	--	--	0	0	--	--
		NC	0	0	--	--	21620	23605	283	271
Honduras	Logs	All	50	0	1633	--	0	0	--	--
		C	20	0	--	--	0	0	--	--
		NC	31	0	998	--	0	0	--	--
	Sawn	All	877	1106	183	201	29121	31671	223	228
		C	827	934	176	180	29121	31671	224	228
		NC	50	172	502	573	0	0	--	--
	Ven	All	205	88	589	883	0	0	--	--
		C	86	36	858	--	0	0	--	--
		NC	119 ⁱ	52	480	521	0	0	--	--
	Ply	All	577	503	641	719	1956	1862	306	316
		C	526	503	657	719	1956	1862	306	316
		NC	52	0	516	--	0	0	--	--
Panama	Logs	All	19	319	1607	272	155	324	177	74
		C	0	319	--	272	0	0	--	--
		NC	19	0 ^a	1607	327	155	324	177	74
	Sawn	All	1733	1655	471	265	96	166	269	417
		C	1448	1178	445	228	36	8	249	110
		NC	285	477	677	446	60	158	281	486
	Ven	All	1	42	--	1288	27	0	277	--
		C	0 ^a	1	--	4933	0	0	--	--
		NC	1	41	--	1254	27	0	277	--
	Ply	All	3092	3837	649	468	121	24	897	687
		C	413	1888	965	468	0	0	--	--
		NC	2680	1949	618	468	121	24	897	687

Table 1-2-c. Trade of All Timber by ITTO Producers - Value (1000 \$ and \$/m3)

Country	Product	Species	Imports				Exports			
			Value		Unit Value		Value		Unit Value	
			1999	2000	1999	2000	1999	2000	1999	2000
Peru	Logs	All	5459	8250	1092	375	30	31	--	--
		C	96	103	--	--	0	0	--	--
		NC	5362	8147	1072	370	30	31	--	--
	Sawn	All	1488	2082	298	297	61076	52462	825	603
		C	1455	2049	291	293	5156	1316	859	188
		NC	34	33 ¹	--	--	55920 ¹	51146 ¹	822	639
	Ven	All	628	873	--	--	8660	3521	1237	440
		C	628	82	--	--	561	32	--	--
		NC	0	791	--	--	8099	3489	1157	436
	Ply	All	0	97	--	--	6576	7170	822	512
		C	0	82	--	--	0	0	--	--
		NC	0	15	--	--	6576 ¹	7170 ¹	822	512
Suriname	Logs	All	0	0	--	--	1669	1242	98	124
		C	0	0	--	--	0	0	--	--
		NC	0	0	--	--	1669	1242	98	124
	Sawn	All	0	0	--	--	822	1812	206	259
		C	0	0	--	--	0	0	--	--
		NC	0	0	--	--	822	1812	206	259
	Ven	All	0	0	--	--	0	0	--	--
		C	0	0	--	--	0	0	--	--
		NC	0	0	--	--	0	0	--	--
	Ply	All	997	906	499	647	710	188	355	269
		C	0	0	--	--	0	0	--	--
		NC	997 ¹	906	499	647	710	188	355	269
Trinidad and Tobago	Logs	All	0	544	--	78	0	33	--	495
		C	0	290	--	76	0	1	--	277
		NC	0	254 ¹	--	81	0	32	--	507
	Sawn	All	12469	10228	269	337	546	7397	546	11778
		C	10225	9086	268	356	106	26	694	639
		NC	2244	1142	277	235	439	7371	519	12536
	Ven	All	0	39	--	680	0	22	--	1529
		C	0	35	--	737	0	5	--	1077
		NC	0	3	--	380	0	16	--	1785
	Ply	All	0	5206	--	452	0	82	--	1327
		C	0	4325	--	464	0	64	--	1231
		NC	0	881	--	402	0	18	--	1854
Venezuela	Logs	All	111	4	368	203	680	241	1873	49
		C	111	0 ¹	368	--	2	2	29	1151
		NC	0 ¹	4 ¹	300	200	678	239	2386	49
	Sawn	All	5073	8881	180	212	987	130	395	476
		C	1785	2633	185	350	144	77	459	392
		NC	3288	6248	178	182	843	54	385	687
	Ven	All	3754	4548	1433	1082	15	0 [*]	101	933
		C	2756	3444	1955	1950	3	0 [*]	631	1620
		NC	998	1104	825	453	13	0 [*]	87	590
	Ply	All	13858	21250	412	384	12	6	82	2036
		C	7561	10847	392	382	2	6	847	2797
		NC	6297	10403	439	386	10	1	71	515
Producers Total	Logs	All	786255	974973	193	214	1917294	2112019	127	125
		C	92105	90408	199	198	16080	22035	50	41
		NC	694149	884565	192	216	1901215	2089984	128	128
	Sawn	All	444452	468215	210	194	2233572	2651323	308	287
		C	73380	89105	269	273	274552	262267	225	200
		NC	371072	379110	201	182	1959020	2389056	325	302
	Ven	All	124221	110493	423	486	469542	453420	292	285
		C	14003	17925	1061	798	13432	8830	309	298
		NC	110218	92569	393	452	456110	444589	292	285
	Ply	All	106254	63736	368	378	3812369	3478687	340	338
		C	55396	36762	353	331	183866	173448	276	304
		NC	50858	26974	386	469	3628503	3305239	345	340
	Total	All	1461182	1617417	--	--	8432777	8695449	--	--
		C	234884	234199	--	--	487929	466581	--	--
		NC	1226297	1383218	--	--	7944847	8228868	--	--

Table 1-2-c. Trade of All Timber by ITTO Producers - Value (1000 \$ and \$/m3)

Country	Product	Species	Imports				Exports			
			Value		Unit Value		Value		Unit Value	
			1999	2000	1999	2000	1999	2000	1999	2000
ITTO Total	Logs	All	9116319	9905582	87	85	5234680	5741652	99	93
		C	4313421	4581913	70	66	2146814	2316602	73	69
		NC	4802898	5323669	112	111	3087866	3425050	131	121
	Sawn	All	22978046	23736780	206	205	21043460	20170836	213	199
		C	16637562	16472141	180	173	15666232	14537698	185	169
		NC	6340484	7264639	333	358	5377228	5633138	377	364
	Ven	All	2196961	2374407	742	790	2064788	2164439	633	657
		C	334708	356696	642	673	249963	265149	471	461
		NC	1862253	2017712	764	816	1814825	1899291	665	699
	Ply	All	6403711	6487558	402	389	6192900	5909421	381	378
		C	1468604	1569055	379	378	1235729	1268932	360	360
		NC	4935106	4918503	409	392	4957171	4640489	387	383
	Total	All	40695037	42504327	—	—	34535828	33986348	—	—
		C	22754295	22979805	—	—	19298738	18388380	—	—
		NC	17940742	19524523	—	—	15237090	15597968	—	—

Table 1-2-d. Trade of Tropical Timber by ITTO Producers - Value (1000 \$ and \$/m³)

Country	Product	Imports				Exports			
		Value		Unit Value		Value		Unit Value	
		1999	2000	1999	2000	1999	2000	1999	2000
Africa	Logs	21366	46401	249	10	649500	620164	143	123
	Sawn	648	346	89	0	500207	536077	353	299
	Ven	4286	1	203	—	138970	123427	314	318
	Ply	6325	110	331	1	55018	59469	259	294
	Total	32625	46858	—	—	1343695	1339137	—	—
Cameroon	Logs	0 ¹	0 ¹	—	—	154265	123996	150	195
	Sawn	0 ¹	0 ¹	—	—	195750	265407	411	312
	Ven	0 ¹	0 ¹	—	—	26750	33937	563	483
	Ply	0 ¹	0 ¹	—	—	9610	9614	109	259
Central African Republic	Logs	0	0	—	—	26755	39559	174	158
	Sawn	0	0	—	—	17064	16290	267	248
	Ven	0	0	—	—	0	0	—	—
	Ply	0	0	—	—	312	108	520	541
Congo, Dem. Rep. (former Zaire)	Logs	0 ^c	0 ^c	—	—	13881 ^c	4000 ¹	284	250
	Sawn	0 ^c	0 ^c	—	—	5945 ^c	6000 ¹	371	300
	Ven	7 ^c	0 ^c	77	—	889 ^c	364 ^c	1181	1582
	Ply	8 ¹	7 ¹	350	350	0 ^c	15 ^c	—	572
Congo	Logs	0	0	—	—	161250 ¹	77310 ¹	250	102
	Sawn	0	0	—	—	26661 ¹	29474 ¹	423	423
	Ven	0	0	—	—	8145 ¹	1606 ¹	509	509
	Ply	0	0	—	—	0 ¹	7 ¹	—	350
Côte d'Ivoire	Logs	21000 ¹	45000 ¹	250	250	10603	21269	101	156
	Sawn	0	0	—	—	157044	130907	328	285
	Ven	0	0	—	—	37733	27064	247	240
	Ply	0	0	—	—	7809	11978	355	299
Gabon	Logs	0	0	—	—	258547	285751 ¹	111	111
	Sawn	0	0	—	—	8182	9388 ¹	118	118
	Ven	4278 ¹	0	204	—	16146	11797 ¹	130	130
	Ply	6124 ¹	0	340	—	25203	25662 ¹	328	328
Ghana	Logs	0	0	—	—	0	0	—	—
	Sawn	0	0	—	—	89334	76607	357	316
	Ven	0	0	—	—	49308	48660	488	440
	Ply	0	0	—	—	12085	12085	483	258
Liberia	Logs	0	0	—	—	23418	67505	113	106
	Sawn	0	0	—	—	75	1351	250	225
	Ven	0	0	—	—	0	0	—	—
	Ply	0	0	—	—	0	0	—	—
Togo	Logs	366	1401	203	280	781	776	71	28
	Sawn	648	346	90	44	152	653	254	289
	Ven	1	1	—	—	0	0	—	—
	Ply	193	103	175	137	0	0	—	—

Table 1-2-d. Trade of Tropical Timber by ITTO Producers - Value (1000 \$ and \$/m³)

Country	Product	Imports				Exports			
		Value		Unit Value		Value		Unit Value	
		1999	2000	1999	2000	1999	2000	1999	2000
Asia-Pacific	Logs	612570	670474	192	68	1184803	1449895	120	134
	Sawn	286171	280100	200	80	1074260	1214333	307	252
	Ven	75460	40681	353	39	289290	256661	277	232
	Ply	20313	8292	360	1	3342341	3035013	345	346
	Total	994513	999546	—	—	5890695	5955902	—	—
Cambodia	Logs	0	0	—	—	0	0	—	—
	Sawn	0	0	—	—	3587	1043	350	400
	Ven	0	0	—	—	30687	20108	450	450
	Ply	0	0	—	—	6691	11928	450	450
Fiji	Logs	0	0	—	—	0	0	—	—
	Sawn	0	0	—	0	5908	4873	348	609
	Ven	0	0	—	—	1580	1400	699	700
	Ply	0	0	—	—	2628	2146	657	537
India	Logs	404162 ^c	450000 ⁱ	232	250	351 ^c	92 ^c	171	347
	Sawn	434 ^c	274 ^c	441	364	180 ^c	4360 ^c	406	813
	Ven	1642 ^c	652 ^c	1057	1351	3315 ^c	3879 ^c	1668	7596
	Ply	2294 ^c	1995 ^c	331	392	2742 ^c	10414 ⁱ	197	350
Indonesia	Logs	27982 ^c	1865 ^c	353	984	64688 ⁱ	375000 ⁱ	250	250
	Sawn	2378 ^c	4620 ^c	648	518	538336 ⁱ	600000 ⁱ	414	300
	Ven	1065 ^c	875 ^c	722	2697	2885 ^c	1275 ^c	752	490
	Ply	436 ^c	540 ^c	521	487	2256286 ^c	1988913 ^c	359	344
Malaysia	Logs	49283	54191	82	75	698236	655627	104	101
	Sawn	37755	30807	104	67	456870	504554	245	216
	Ven	27325	805 ⁱ	402	402	237290	217385	247	208
	Ply	14309 ⁱ	1750 ⁱ	319	350	1066108 ⁱ	1011172 ⁱ	319	350
Myanmar	Logs	0	0	—	—	183483	184664	187	199
	Sawn	0	0	—	—	12921	16018	311	664
	Ven	0	0	—	—	503	215	1524	538
	Ply	0	0	—	—	589	2382	291	178
Papua New Guinea	Logs	0 ^c	0 ^c	—	—	237936 ^c	234478 ^c	123	124
	Sawn	0 ^c	0 ^c	—	—	6623 ^c	5285 ^c	394	578
	Ven	0 ^c	0 ^c	—	—	394 ^c	1143 ^c	254	243
	Ply	11 ^c	9 ^c	826	—	1432 ^c	1050 ⁱ	210	350
Philippines	Logs	40768 ⁱ	31687 ⁱ	111	93	4	0	267	—
	Sawn	92235 ⁱ	54166 ⁱ	300	202	8684	20457	126	170
	Ven	38711 ⁱ	29303 ⁱ	291	241	2745	2876	633	642
	Ply	3197 ⁱ	3553 ⁱ	876	974	3758	3859	318	361
Thailand	Logs	90374	132730	227	216	17	16	1715	173
	Sawn	153369	190053	203	205	37405	55051	214	177
	Ven	6718	9044	672	748	9892	8380	4071	3912
	Ply	66	424	458	379	2107	3150	582	561
Vanuatu	Logs	0	2	—	373	88	18	2943	1295
	Sawn	0	180	—	—	3747	2691	307	258
	Ven	0	1	—	1000	0	0	—	—
	Ply	0	20	—	526	0	0	—	—

Table 1-2-d. Trade of Tropical Timber by ITTO Producers - Value (1000 \$ and \$/m³)

Country	Product	Imports				Exports			
		Value		Unit Value -		Value		Unit Value	
		1999	2000	1999	2000	1999	2000	1999	2000
Latin America\ Caribbean	Logs	5683	9457	418	42	12267	11692	54	52
	Sawn	15480	18045	81	17	372082	418312	342	326
	Ven	10333	9122	652	120	27838	64458	366	973
	Ply	12093	13560	475	23	213051	192656	354	269
	Total	43590	50184	—	—	625238	687117	—	—
Bolivia	Logs	27	0	34	—	67	47	21	15
	Sawn	210 ¹	115 ¹	250	250	22223	24275	531	563
	Ven	9 ¹	0	700	—	2539	2856	2539	1226
	Ply	0	0	—	—	650 ¹	0	756	—
Brazil	Logs	264 ¹	1089 ¹	38	66	0	888	—	134
	Sawn	5151 ¹	5171 ¹	36	33	273427 ¹	306852 ¹	294	278
	Ven	8856 ¹	7516 ¹	626	509	15718	56901 ¹	234	1028
	Ply	660	358 ¹	731	892	180202	159679 ¹	355	261
Colombia	Logs	51	0 ^B	75	80	1361	1618	81	79
	Sawn	1316	1223 ¹	203	812	2041	957	234	598
	Ven	574	370	1306	1442	0	1	—	1243
	Ply	2703	29	518	586	3104	1910	500	464
Ecuador	Logs	0 ^C	2 ^C	—	—	5250 ^C	3812 ^C	37	32
	Sawn	0 ^C	0 ^C	—	—	18921 ^C	14788 ^C	969	750
	Ven	16 ^C	15 ^C	1502	2252	1337 ^C	1194 ^C	4653	2689
	Ply	0 ^C	0 ^C	—	—	0 ^C	0 ^C	—	—
Guatemala	Logs	22 ^C	0 ^C	222	—	2 ¹	49 ¹	84	250
	Sawn	3860 ¹	5355 ¹	300	300	2472 ¹	2242 ¹	498	230
	Ven	0 ¹	223 ^C	—	700	116 ^C	0 ^C	324	—
	Ply	800 ¹	0 ^C	350	—	67 ^C	62 ¹	748	768
Guyana	Logs	0	0	—	—	3056	3409	64	63
	Sawn	0	0	—	—	6670	11156	307	507
	Ven	0	0	—	—	0	0	—	—
	Ply	0	0	—	—	21620	23605	283	271
Honduras	Logs	15	0	974	—	0	0	—	—
	Sawn	30	0	298	—	0	0	—	—
	Ven	112	52	492	521	0	0	—	—
	Ply	7	0	—	—	0	0	—	—
Panama	Logs	9	0	904	—	155	324	177	74
	Sawn	103	156	678	519	60	158	281	486
	Ven	0 ^B	0 ^B	—	10	27	0	277	—
	Ply	866	1217	793	292	121	24	897	687
Peru	Logs	5295	8109	1059	369	30	31	—	—
	Sawn	0	33	—	—	44163	48648	803	649
	Ven	0	0	—	—	8099	3489	1157	436
	Ply	0	6	—	—	6576 ¹	7170 ¹	822	512
Suriname	Logs	0	0	—	—	1669	1242	98	124
	Sawn	0	0	—	—	822	1812	206	259
	Ven	0	0	—	—	0	0	—	—
	Ply	997 ¹	906	499	647	710	188	355	269
Trinidad and Tobago	Logs	0	254	—	81	0	32	—	507
	Sawn	2244 ¹	1093 ¹	277 ¹	386	439	7371	519	12536
	Ven	0	0	—	—	0	16	—	1785
	Ply	0	881 ¹	—	402	0	18	—	1854

Table 1-2-d. Trade of Tropical Timber by ITTO Producers - Value (1000 \$ and \$/m³)

Country	Product	Imports				Exports			
		Value		Unit Value		Value		Unit Value	
		1999	2000	1999	2000	1999	2000	1999	2000
Venezuela	Logs	0 ¹	3 ¹	250	250	678	239	2386	49
	Sawn	2567	4899	145	151	843	54	385	687
	Ven	766	946	759	434	1	0 ⁸	207	590
	Ply	6061	10162	434	383	1	1	568	515
Producers Total	Logs	639619	726333	194	196	1846570	2081751	126	129
	Sawn	302299	298491	186	158	1946549	2168722	324	274
	Ven	90078	49804	359	323	456099	444546	292	285
	Ply	38731	21961	384	426	3610410	3287138	344	339
	Total	1070728	1096588	--	--	7859628	7982157	--	--
ITTO Total	Logs	2801670	3116936	170	172	2075033	2335102	134	138
	Sawn	2432976	3035528	300	358	2579304	2505871	353	297
	Ven	556821	618049	400	442	560710	582874	338	348
	Ply	3919733	4066481	374	377	3949879	3841827	351	360
	Total	9711199	10836995	--	--	9164927	9265672	--	--

Appendix 2

Direction of Trade in Volume of Primary Tropical Timber Products between Major ITTO Producers and Consumers in 2000

Table 2-1. Logs.....	107
Table 2-2. Sawnwood.....	108
Table 2-3. Veneer	109
Table 2-4. Plywood.....	110

<<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, 2000 (m3)

Exporters	Malaysia	Gabon	Papua* New Guinea	Indonesia	Myanmar	Congo, Rep.	Hong Kong* S.A.R.	Liberia	Cameroon	Central African Republic	Cote d'Ivoire	Ecuador	Others	Total
Importers														
China	1,748,963 ^c 1,394,000	1,175,857 ^c 932,000	776,176 ^c 776,176	617,712 ^c 6,054	557,994 ^c 20,165	6,032 ^c -	226 ^c 226	300,367 ^c 303,380	219,604 ^c -	623 ^c 12,900	- -	- -	696,445 ^c	6,100,000 ^t
Japan	2,161,757 ^c 2,176,900	32,321 ^c 17,000	718,817 ^c 738,585	46,330 ^c 321	2,299 ^c 1,033	3,123 ^c -	- -	- -	8,852 ^c -	1,320 ^c 4,700	17 ^c -	- 1	166,501 ^c	3,141,337 ^t
India*	- 872,400	- 12,000	- -	136 ^c 136	- 657,997	- -	- -	- -	- -	- 71	- 136,000	- 41,032	1,799,864 ^c	1,800,000 ^t
Taiwan, P.O.C*	- 900,500	- -	- -	427 ^c 427	- -	- -	- -	- -	- -	- -	- -	- 16	949,573 ^c	950,000 ^t
Korea, Rep.	320,000 ^c 299,900	14,000 ^c 17,000	316,000 ^c 381,705	4,000 ^c 692	- -	- -	2,000 ^c 2,544	- 11,580	3,000 ^c -	- 932	- -	- -	253,000 ^c	912,000 ^w
France	56 ^c -	483,561 ^c 349,000	- -	23 ^w 249	1,085 ^c 29	96,026 ^c -	- -	159,741 ^c 105,130	59,903 ^c 116,565	13,559 ^c 28,904	5,666 ^c -	- 29	2,380 ^c	822,000 ^w
Malaysia	- 4,000	- -	13,000 ^c -	623,000 ^c -	12,000 ^c 6,788	- -	- -	- 7,740	- -	- -	- -	- -	70,000 ^c	718,000 ^t
Hong Kong, S.A.R.*	- 533,800	- -	- -	- 314	- 22,240	- -	- -	- -	- -	- 242	- -	- -	700,000 ^c	700,000 ^t
Thailand	149,385 ^c 101,400	5,459 ^c 7,000	16,174 ^c -	56,401 ^c -	151,562 ^c 88,851	- -	- -	231 ^c -	- -	- -	- -	- -	235,284 ^c	614,496 ^t
Portugal	- -	- 1,000	- -	- -	- -	- -	- -	- 5,330	- -	- 20,579	- -	- -	490,000 ^c	490,000 ^t
Italy	193 ^c -	66,744 ^c 5,000	4 ^c 4	36 ^c 71	3,102 ^c 3,232	75,461 ^c -	- -	74,327 ^c 42,810	164,008 ^c -	4,574 ^c 34,733	8,408 ^c -	27 ^c 27	18,695 ^c	415,579 ^c
Philippines	66,968 ^c 37,800	- 16,000	83,302 ^c -	41,708 ^c -	16 ^c -	- -	- -	- -	- -	- -	- -	- -	148,952 ^c	340,946 ^t
Others	189,200 ^c	1,224,000 ^c	85 ^c	1,491,736 ^t	126,415 ^c	756,888 ^c	677,230 ^t	161,030 ^c	518,697 ^c	146,839 ^c	0 ^c	78,943 ^c		
Total	6,505,900	2,584,000	1,896,555 ^c	1,500,000 ^t	926,750	756,888	680,000 ^t	637,000	635,262	249,900	136,000	120,048 ^c		

Table 2-2. Trade of Tropical Sawnwood, 2000 (m3)

Exporters	Malaysia	Indonesia	Brazil	Cameroon	Côte d'Ivoire	Thailand	Ghana	Belgium	Philippines	Gabon	Peru	Congo, Rep.	Others	Total Imports
Importers														
China	494,621 ^c 116,050	931,177 ^c 20,485	55,857 ^c 53,443	9,042 ^c -	20 ^c -	258,866 ^c 75,968	1,274 ^c 1,000	36 ^c 69	286 ^c 65	921 ^c -	571 ^c 0 ^r	1,991 ^u -	217,760 ^c -	1,972,422 ^c
Thailand	637,519 ^c 334,200	13,503 ^c 1,712	38,290 ^c 37,271	- -	3 ^c -	- -	46 ^c -	- -	- 23	- -	- -	- -	238,769 ^c -	928,130
Japan	338,054 ^c 207,400	271,327 ^c 34,868	14,729 ^c 9,641	1,136 ^c -	178 ^c -	17,213 ^c 4,153	1,194 ^c 1,400	- 43 ^c	7,485 ^c 914	- -	109 ^c -	222 ^c -	35,478 ^c -	687,125
Netherlands	208,021 ^c 277,300	25,272 ^c 4,263	58,912 ^c 66,433	96,891 ^c 66,338	17,603 ^c 19,000	726 ^c 48	4,725 ^c 8,400	47,589 ^c 603	87 ^c -	623 ^c -	- 0 ^r	53 ^c -	10,497 ^c -	471,000
Malaysia	- 7,296 ^c	450,000 ^c 7,296 ^c	- 60	- -	- -	1,500 ^c 13,593	- 400	- 34 ^c	3,000 ^u 750	- -	- -	- -	8,600 ^c -	463,100
Spain	270 ^c -	536 ^c 0 ^{cr}	109,206 ^c 105,614	177,260 ^c 134,496	120,399 ^c 93,000	49 ^c 27	7,728 ^c 8,000	319 ^c 64	- -	2,411 ^c -	403 ^c -	14,725 ^c -	9,452 ^c -	442,758
Belgium	177,770 ^c 70,300	19,661 ^c 3,169	35,769 ^c 37,939	58,586 ^c 36,083	5,887 ^c 4,000	297 ^c 368	7,274 ^c 11,100	- -	79 ^c -	3,293 ^c -	66 ^c -	1,602 ^c -	91,716 ^c -	402,000
France	54,237 ^c 31,500	5,220 ^c 323	142,152 ^c 160,477	96,069 ^c 100,000	29,451 ^c 26,000	- -	32,914 ^c 35,000	10,669 ^c 6,581 ^c	- 108,444 ^c	5,707 ^c -	37 ^c -	11,330 ^c -	5,622 ^c -	393,408 ^w
U.S.A.	47,669 ^c 14,400	28,676 ^c 12,724	142,608 ^c 138,577	17,525 ^c 11,683	19,693 ^c 17,000	1,926 ^c 738	13,004 ^c 13,400	- 92 ^c	4,128 ^c 1,497	196 ^c -	46,502 ^c 4,000	549 ^c -	7,524 ^c -	330,000
United Kingdom	56,561 ^c 56,500	6,072 ^c 945	9,818 ^c 10,506	47,153 ^c 35,441	19,211 ^c 18,000	21 ^c 19	14,167 ^c 17,800	3,987 ^c 10,728	503 ^c 16	- -	190 ^c -	885 ^c -	169,032 ^c -	327,600
Taiwan, P.O.C.*	- 222,500	5,879 ^c 5,990	19,082 ^c 19,082	- -	- -	- 6,207	- 6,300	- -	- 4,277	- -	- -	- -	275,039 ^c -	300,000
Philippines	231,009 ^c 271,600	676 ^c 725	29,676 ^c 64,034	- -	- -	96 ^c -	- -	- -	- -	- -	202 ^c -	- -	6,017 ^c -	267,676
Others	- 735,400	- 1,907,500	- 401,335	- 465,959	- 283,000	- 209,322	- 139,780	- 188,786 ^e	- 4,498	- 79,400	- 71,000	- 69,648	- -	-
Total Exports	2,337,150	2,000,000 ^t	1,104,413 ^t	850,000 ^t	460,000	310,443	242,580	207,000 ^e	120,484	79,400	75,000	69,648	-	-

Table 2-3. Trade of Tropical Veneer, 2000 (m3)

Exporters	Malaysia	Côte d'Ivoire	Ghana	Gabon*	Cameroon	Brazil	Cambodia	France	Belgium	Spain	Germany	Netherlands	Others	Total Imports
Importers														
China	468,121 ^c 377,400	- -	- -	- -	76 ^c -	13 ^c -	99,512 ^c 28,121	- -	- -	- 11 ^c	459 ^c 35 ^c	- -	20,768 ^c	588,949 ^c
Korea, Rep.	150,000 144,800	- -	- 500	- -	1,000 -	10,000 9,174 ^c	- -	- -	- -	- 61 ^c	- 55 ^c	- -	7,000	168,000
Taiwan P.O.C.*	- 112,900	- -	- -	- -	- -	33 ^c 266	- 15,910	28 ^c 32 ^c	- -	4 ^c 4 ^c	40 ^c 46 ^c	- -	139,895	140,000 ^f
Philippines	104,587 119,900	- -	- -	- -	- -	- -	- 653	46 ^c 11 ^c	- -	- -	- 3 ^c	- -	16,982	121,615
Italy	13 ^c -	22,272 ^c 27,000 ^c	12,769 ^c 22,800 ^c	1,983 ^c 1,983 ^c	19,832 ^c 46,530 ^c	105 ^c 725 ^c	- -	782 ^c 23,827 ^c	- -	1,394 ^c 2,292 ^c	- 1,162 ^c	1,148 ^c 2,473 ^c	4,524	64,822 ^c
Germany	- -	19,462 ^c 21,000 ^c	6,953 ^c 7,900 ^c	1,571 ^c 1,571 ^c	338 ^c 143 ^c	4,402 ^c 4,039 ^c	- -	1,617 ^c 142 ^c	- -	180 ^c 130 ^c	- -	100 ^c 1,130 ^c	22,377	57,000 ^k
Japan	37,725 213,000	- -	11 ^c 20 ^c	- -	- -	193 ^c 1,169 ^c	- -	10 ^c 60 ^c	- -	20 ^c 0 ^c	25 ^c 9 ^c	- 200 ^c	9,712	47,696
Spain	- -	21,533 ^c 14,000 ^c	6,318 ^c 9,800 ^c	17 ^c 17 ^c	2,148 ^c 5,542 ^c	1,712 ^c 3,869 ^c	- -	2,729 ^c 795 ^c	- -	- -	721 ^c 174 ^c	1 ^c 107 ^c	9,072	44,250 ^r
France	1 ^c -	2,180 ^c 13,000 ^c	2,297 ^c 5,700 ^c	18,353 ^c 18,353 ^c	2,923 ^c 8,220 ^c	462 ^c 547 ^c	- -	- -	- -	2,023 ^c 2,608 ^c	354 ^c 472 ^c	13 ^c 12 ^c	4,836	33,441 ^w
U.S.A.	561 ^c 100 ^c	572 ^c 13,000 ^c	2,743 ^c 36,500 ^c	1,126 ^c 1,126 ^c	127 ^c 649 ^c	3,187 ^c 23,919 ^c	- -	80 ^c 184 ^c	- -	171 ^c 633 ^c	149 ^c 878 ^c	190 ^c 291 ^c	16,543	25,450
Belgium	11 ^c -	4,478 ^c -	7,161 ^c 6,300 ^c	64 ^c -	432 ^c 681 ^c	165 ^c 552 ^c	- -	1,013 ^c 1,640 ^c	- -	238 ^c 29 ^c	649 ^c 247 ^c	203 ^c 1,315 ^c	1,931	16,346 ^c
Canada	20 ^c -	236 ^c -	197 ^c 230 ^c	98 ^c -	34 ^c 86 ^c	430 ^c 922 ^c	- -	23 ^c 59 ^c	- -	28 ^c 5 ^c	2 ^c 59 ^c	1 ^c 230 ^c	14,532 ^c	15,600
Others	78,700	25,000	20,790	67,580	8,459	9,819	0	644	15,000	7,412	9,860	5,641		
Total Exports	1,046,800	113,000	110,540	90,630	70,310	55,000 ^f	44,684	27,393 ^h	15,000 ^e	13,186 ^c	13,000	11,400		

Table 2-4. Trade of Tropical Plywood, 2000 (m3)

Exporters	Indonesia	Malaysia	Brazil	China	Belgium	France	Guyana	Gabon*	Hong Kong S.A.R.	Ghana	Spain	Côte d'Ivoire	Others	Total Imports
Importers														
Japan	2,751,560 ^c 2,374,303 ^c	1,779,937 ^c 1,629,600 ^c	12,743 ^c 3,736 ^c	3,623 ^c 2,166 ^c	- ^c -	51 ^c 15 ^c	- ^c -	- ^c -	- ^c -	- ^c -	- ^c -	- ^c -	7,452 ^c	4,555,366 ^c
U.S.A.	660,962 ^c 527,490 ^c	353,011 ^c 209,100 ^c	111,091 ^c 107,968 ^c	41,908 ^c 44,900 ^c	- ^c -	827 ^c 226 ^c	41,386 ^c 36,760 ^c	- ^c -	- ^c -	12,145 ^c 10,900 ^c	91 ^c 0 ^c	154 ^c -	303,108 ^c	1,524,683 ^c
China	594,515 ^c 438,949 ^c	260,178 ^c 150,100 ^c	- ^c -	- ^c -	- ^c -	- ^c 18 ^c	- ^c -	- ^c -	- ^c -	- ^c -	- ^c -	- ^c -	46,927 ^c	901,620 ^c
Korea, Rep. of	415,392 ^c 321,246 ^c	303,371 ^c 259,400 ^c	177 ^c 854 ^c	109,325 ^c 118,874 ^c	- ^c -	220 ^c 197 ^c	1,970 ^c -	- ^c -	0 ^c -	- ^c -	- ^c -	- ^c -	59,561 ^c	890,015 ^c
United Kingdom	183,225 ^c 152,007 ^c	76,318 ^c 76,300 ^c	98,323 ^c 165,938 ^c	6,191 ^c 6,780 ^c	12,804 ^c 14,875 ^c	2,546 ^c 3,659 ^c	13,592 ^c 13,792 ^c	- ^c -	- ^c -	2,341 ^c 3,500 ^c	1,666 ^c 8,014 ^c	494 ^c 1,000 ^c	257,012 ^c	654,511 ^c
Taiwan P.O.C.*	345,182 ^c 345,182 ^c	- ^c 142,100 ^c	- ^c 104 ^c	28,141 ^c 28,141 ^c	- ^c -	11 ^c 11 ^c	- ^c -	- ^c -	- ^c -	- ^c -	- ^c -	- ^c 0 ^c	156,666 ^c	530,000 ^c
Belgium	228,368 ^c 198,409 ^c	9,103 ^c 4,000 ^c	57,857 ^c 63,238 ^c	134 ^c 47 ^c	- ^c -	6,405 ^c 5,464 ^c	29 ^c -	376 ^c 376 ^c	- ^c -	3,336 ^c 15,500 ^c	293 ^c 567 ^c	3,297 ^c 4,000 ^c	7,803 ^c	317,000 ^c
Hong Kong, S.A.R.*	145,080 ^c 145,080 ^c	- ^c 134,600 ^c	- ^c 464 ^c	8,006 ^c 8,006 ^c	- ^c -	37 ^c 37 ^c	- ^c -	- ^c -	- ^c -	- ^c -	- ^c -	- ^c -	146,877 ^c	300,000 ^c
Netherlands	15,787 ^c 40,168 ^c	1,889 ^c 2,600 ^c	16,026 ^c 10,641 ^c	162 ^c -	75,836 ^c 152,000 ^c	74,313 ^c 65,436 ^c	99 ^c -	- ^c -	- ^c -	1,042 ^c 1,100 ^c	273 ^c 824 ^c	- ^c 0 ^c	34,073 ^c	219,500 ^c
Germany	124,715 ^c 89,951 ^c	5,997 ^c 8,200 ^c	17,162 ^c 79,356 ^c	42 ^c -	3,587 ^c 13,550 ^c	7,086 ^c 13,489 ^c	- ^c -	74 ^c 74 ^c	74 ^c -	1,793 ^c 1,000 ^c	8,395 ^c 2,365 ^c	704 ^c 3,000 ^c	27,374 ^c	197,000 ^c
France	66,559 ^c 29,693 ^c	7,013 ^c 3,200 ^c	11,250 ^c 8,246 ^c	585 ^c -	9,488 ^c 32,054 ^c	- ^c -	- ^c -	8,821 ^c 8,821 ^c	- ^c -	604 ^c 500 ^c	3,567 ^c 6,768 ^c	9,918 ^c 14,000 ^c	15,823 ^c	133,627 ^c
Canada	48,631 ^c 6,788 ^c	25,683 ^c 300 ^c	7,933 ^c 903 ^c	727 ^c 310 ^c	1 ^c -	12 ^c 37 ^c	23 ^c 940 ^c	- ^c -	- ^c -	1,429 ^c 70 ^c	- ^c -	- ^c -	17,561 ^c	102,000 ^c
Others	- ^c 1,120,372 ^c	- ^c 266,700 ^c	- ^c 170,048 ^c	- ^c 156,157 ^c	- ^c 4,973 ^c	- ^c 41,375 ^c	- ^c 35,538 ^c	- ^c 68,929 ^c	- ^c 55,000 ^c	- ^c 14,270 ^c	- ^c 24,141 ^c	- ^c 18,000 ^c	- ^c	- ^c
Total Exports	5,789,638 ^c	2,886,200 ^c	611,495 ^c	365,381 ^c	217,451 ^c	129,965 ^c	87,030 ^c	78,200 ^c	55,000 ^c	46,840 ^c	42,680 ^c	40,000 ^c	- ^c	- ^c

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 2001 for that product/year and that data previously presented in the 2000 *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
4403.41-49	Tropical Wood in the rough, whether or not stripped of bark or sapwood, or roughly squared. (ITTO: Logs)
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
4407.24-29	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)
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
4408.31-90	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)
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
4412.13-99	Plywood, veneered panels and similar laminated wood. (ITTO: Plywood)
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 > 6 mm, 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 plies 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

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	1999	<i>Shorea spp.</i>	Light Red Meranti	0 ^R	129
Canada	1999	<i>Shorea spp.</i>	Dark Red Meranti		
Canada	1999	<i>Shorea rugosa</i>	Meranti Bakau		
Canada	1999		Others	1 ^R	392
Canada	2000		Others	1	413
EU					
Denmark*	1999	<i>Entandrophragma utile</i>	Sipo	0 ^R	538
Denmark*	1999	<i>Chlorophora spp.</i>	Iroko	0 ^R	597
Denmark*	1999	<i>Entandrophragma cylindricum</i>	Sapelli		
Denmark*	1999	<i>Khaya spp.</i>	Acajou d'Afrique		
Denmark*	1999	<i>Entandrophragma spp.</i>	Tiama	0 ^R	129
Denmark*	1999	<i>Lophira spp.</i>	Azobé		
Denmark*	1999	<i>Lovoa spp.</i>	Dibétou		
Denmark*	1999	<i>Mansonia altissima</i>	Mansonia		
Denmark*	1999	<i>Ceiba pentandra</i>	Ilomba	0 ^R	824
Denmark*	1999		Others		
Finland*	1999	4403.49	(see accompanying notes)	0 ^R	185
Finland*	1999	4403.99.98		0 ^R	179
France*	1999	4403.49.10	(see accompanying notes)	106 ^W	223
France*	1999	4403.49.20		287 ^W	241
France*	1999	4403.49.30		10 ^W	282
France*	1999	4403.49.40		37 ^W	303
France*	1999	4403.49.90		324 ^W	217
France*	1999		Others	35 ^W	133
Luxembourg*	1999	<i>Aucoumea klaineana</i>	Okoumé	33	222
Luxembourg*	1999	<i>Shorea spp.</i>	Meranti		
Luxembourg*	1999	<i>Terminalia superba</i>	Limba		
Luxembourg*	1999		Others		
Netherlands	1999	<i>Aucoumea klaineana</i>	Okoumé	33	222
Netherlands	1999	<i>Entandrophragma utile</i>	Sipo	0 ^R	346
Netherlands	1999	<i>Shorea spp.</i>	Meranti	0 ^R	749
Netherlands	1999	<i>Triplochiton scleroxylon</i>	Obeche	1	237
Netherlands	1999		Others	52	224
Netherlands	2000	<i>Aucoumea klaineana</i>	Okoumé	27	205
Netherlands	2000	<i>Entandrophragma utile</i>	Sipo	1	362
Netherlands	2000	<i>Shorea spp.</i>	Meranti	1	462
Netherlands	2000		Others	62	211
Portugal*	1999	4403.49.10	(see accompanying notes)	197	276
Portugal*	1999	4403.49.20		11	227
Portugal*	1999	4403.49.40		7	297
Portugal*	1999	4403.49.60		6	204
Portugal*	1999	4403.49.90		98	270
Portugal*	1999		Others	49	259

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
Japan	1999	<i>Aucoumea klaineana</i>	Okoumé	47	214
Japan	1999	<i>Chlorophora spp.</i>	Iroko		
Japan	1999	<i>Entandrophragma cylindricum</i>	Sapelli		
Japan	1999	<i>Entandrophragma utile</i>	Sipo		
Japan	1999	<i>Khaya spp.</i>	Acajou d'Afrique		
Japan	1999	<i>Tieghemella heckelii Pierre</i>	Makoré		
Japan	1999	<i>Triplochiton scleroxylon</i>	Obeche		
Japan	1999	<i>Dactylocladus stenostachys</i>	Jongkong	72	121
Japan	1999	<i>Dyera spp.</i>	Jelutong		
Japan	1999	<i>Gonystylus spp.</i>	Ramin		
Japan	1999	<i>Intsia spp.</i>	Merbau		
Japan	1999	<i>Koompassia malaccensis Maing.</i>	Kempas		
Japan	1999	<i>Dipterocarpus spp.</i>	Keruing		
Japan	1999	<i>Dryobalanops spp.</i>	Kapur		
Japan	1999	<i>Parashorea spp.</i>	White Seraya	517	168
Japan	1999	<i>Parashorea spp., Pentacme spp.</i>	White Lauan		
Japan	1999	<i>Shorea albida</i>	Alan		
Japan	1999	<i>Shorea spp.</i>	White Meranti		
Japan	1999	<i>Shorea spp.</i>	Yellow Meranti		
Japan	1999	<i>Shorea rugosa</i>	Meranti Bakau		
Japan	1999	<i>Shorea spp.</i>	Dark Red Meranti		
Japan	1999	<i>Shorea spp.</i>	Light Red Meranti	824	161
Japan	1999		Others	1510	141
Japan	2000	<i>Aucoumea klaineana</i>	Okoumé	59	203
Japan	2000	<i>Chlorophora spp.</i>	Iroko		
Japan	2000	<i>Entandrophragma cylindricum</i>	Sapelli		
Japan	2000	<i>Entandrophragma utile</i>	Sipo		
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	<i>Dactylocladus stenostachys</i>	Jongkong	63	127
Japan	2000	<i>Dyera spp.</i>	Jelutong		
Japan	2000	<i>Gonystylus spp.</i>	Ramin		
Japan	2000	<i>Intsia spp.</i>	Merbau		
Japan	2000	<i>Koompassia malaccensis Maing.</i>	Kempas		
Japan	2000	<i>Dipterocarpus spp.</i>	Keruing		
Japan	2000	<i>Dryobalanops spp.</i>	Kapur		
Japan	2000	<i>Parashorea spp.</i>	White Seraya	562	170
Japan	2000	<i>Parashorea spp., 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		
Japan	2000	<i>Shorea spp.</i>	Dark Red Meranti		
Japan	2000	<i>Shorea spp.</i>	Light Red Meranti	757	161
Japan	2000		Others	1212	144
New Zealand	1999	4403.49.00.09	(see accompanying notes)	1	1562
New Zealand	1999	4403.99.00.00		0 R	1907
New Zealand	2000	4403.49.00.03	(see accompanying notes)	0 R	4148
New Zealand	2000	4403.49.00.09		1	2852
New Zealand	2000	4403.99.00.00		0 R	2243

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
Norway	1999	4403.41.00	(see accompanying notes)	0 ^R	--
Norway	1999	4403.49.00		0 ^R	--
Norway	1999	4403.99.03		1 ^I	--
Norway	2000	4403.49.00	(see accompanying notes)	0 ^R	--
Norway	2000	4403.99.03		1 ^I	--
Rep. of Korea	1999	<i>Dryobalanops spp.</i>	Kapur	0 ^R	--
Rep. of Korea	1999	<i>Homalium spp.</i>	Malas	0 ^R	--
Rep. of Korea	1999	<i>Pometia spp.</i>	Taun	0 ^R	--
Rep. of Korea	1999	<i>Tectona grandis</i>	Teak	0 ^R	--
Rep. of Korea	1999		Others	967	98
Rep. of Korea	2000	<i>Dryobalanops spp.</i>	Kapur	0 ^R	--
Rep. of Korea	2000	<i>Homalium spp.</i>	Malas	0 ^R	--
Rep. of Korea	2000	<i>Pometia spp.</i>	Taun	0 ^R	--
Rep. of Korea	2000	<i>Tectona grandis</i>	Teak	0 ^R	--
Rep. of Korea	2000		Others	912	16
Thailand	1999	<i>Anisoptera spp.</i>	Krabak	29	106
Thailand	1999	<i>Dipterocarpus spp.</i>	Yang	57	114
Thailand	1999	<i>Hopea spp.</i>	Takhian	6	206
Thailand	1999	<i>Pterocarpus spp.</i>	Pradoo	3	356
Thailand	1999	<i>Tectona grandis</i>	Teak	106	477
Thailand	1999		Others	197	142
Thailand	2000	<i>Anisoptera spp.</i>	Krabak	39	107
Thailand	2000	<i>Dipterocarpus spp.</i>	Yang	141	108
Thailand	2000	<i>Hopea spp.</i>	Takhian	48	165
Thailand	2000	<i>Pterocarpus spp.</i>	Pradoo	9	226
Thailand	2000	<i>Tectona grandis</i>	Teak	133	528
Thailand	2000		Others	244	136
Bolivia	1999		Others	1	34
Bolivia	2000		Others	1	28
Honduras	1999*	<i>Calophyllum brasiliense</i>	Santa Maria	0 ^R	903
Honduras	1999*	<i>Cedrela odorata</i>	Cedro		
Honduras	1999*	<i>Juglans olanchana</i>	Nogal		
Honduras	1999*	<i>Magnolia yorocante</i>	Magnolia		
Honduras	1999*	<i>Swietenia macrophylla</i>	Mahogany		
Panama	1999	<i>Anacardium excelsum</i>	Caracoli	0 ^R	904
Panama	1999	<i>Bombacopsis quinata</i>	Saqui-saqui		
Panama	1999	<i>Garapa lanenci</i>			
Panama	1999	<i>Prioria copaifera</i>	Cativo		
Panama	1999	<i>Swietenia macrophylla</i>	Mahogany		

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	1999	<i>Gonystylus spp.</i>	Ramin	1	1231
Australia	1999	<i>Parashorea spp.</i>	Seraya	46	1129
Australia	1999	<i>Shorea spp.</i>	Meranti		
Australia	1999	<i>Shorea spp.</i>	Lauan		
Australia	1999	<i>Dipterocarpus spp.</i>	Keruing		
Australia	1999	<i>Dryobalanops spp.</i>	Kapur	15	1271
Australia	1999	<i>Intsia spp.</i>	Merbau	27	1316
Australia	1999		Others		
Australia	2000	<i>Gonystylus spp.</i>	Ramin	1	1477
Australia	2000	<i>Parashorea spp.</i>	Seraya	47	1470
Australia	2000	<i>Shorea spp.</i>	Meranti		
Australia	2000	<i>Shorea spp.</i>	Lauan		
Australia	2000	<i>Dipterocarpus spp.</i>	Keruing		
Australia	2000	<i>Dryobalanops spp.</i>	Kapur	13	1872
Australia	2000	<i>Intsia spp.</i>	Merbau	40	1507
Australia	2000		Others		
Canada	1999	<i>Tectona grandis</i>	Teak	1	827
Canada	1999	<i>Dialianthera spp.</i>	Virola	21	297
Canada	1999	<i>Phoebe porosa</i>	Imbuia		
Canada	1999	<i>Swietenia spp.</i>	Mahogany		
Canada	1999	<i>Ochroma spp.</i>	Balsa		
Canada	1999	<i>Shorea spp.</i>	Light Red Meranti	0 ^R	588
Canada	1999	<i>Shorea spp.</i>	Dark Red Meranti		
Canada	1999	<i>Shorea rugosa</i>	Meranti Bakau		
Canada	1999		Others	7	558
Canada	2000	<i>Tectona grandis</i>	Teak	2	758
Canada	2000	<i>Dialianthera spp.</i>	Virola	25	261
Canada	2000	<i>Phoebe porosa</i>	Imbuia		
Canada	2000	<i>Swietenia spp.</i>	Mahogany		
Canada	2000	<i>Ochroma spp.</i>	Balsa		
Canada	2000	<i>Parashorea spp.</i>	White Seraya	0 ^R	601
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	0 ^R	639
Canada	2000	<i>Shorea spp.</i>	Light Red Meranti		
Canada	2000	<i>Shorea spp.</i>	Dark Red Meranti		
Canada	2000	<i>Shorea rugosa</i>	Meranti Bakau	7	561
Canada	2000		Others		

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

Country	Year	Latin Name or HS Code	Pilot Name / Local Name	Volume 1000 m3	Avg. Price \$/m3
EU					
Denmark*	1999	<i>Lophira spp.</i>	Azobé	0 ^R	573
Denmark*	1999	<i>Dalbergia decipularis</i>	Palissandre de Rose	}	0 ^R
Denmark*	1999	<i>Dalbergia nigra</i>	Palissandre de Rio		
Denmark*	1999	<i>Dalbergia spurgeana</i>	Palissandre de Para		
Denmark*	1999	<i>Dialianthera spp.</i>	Virola	}	0 ^R
Denmark*	1999	<i>Ochroma lagopus</i>	Balsa		
Denmark*	1999	<i>Phoebe porosa</i>	Imbuia		
Denmark*	1999	<i>Swietenia spp.</i>	Mahogany		
Denmark*	1999	<i>Shorea negrosensis</i>	Red Meranti	}	0 ^R
Denmark*	1999	<i>Shorea rugosa</i>	Meranti Bakau		
Denmark*	1999	<i>Parashorea spp.</i>	White Seraya	}	0 ^R
Denmark*	1999	<i>Parashorea spp.</i> , <i>Pentacme spp.</i>	White Lauan		
Denmark*	1999	<i>Shorea albida</i>	Alan		
Denmark*	1999	<i>Shorea spp.</i>	Yellow Meranti		
Denmark*	1999	<i>Shorea spp.</i>	White Meranti		
Denmark*	1999		Others	0 ^R	753
Finland*	1999	4407.24	(see accompanying notes)	1	1130
Finland*	1999	4407.25		0 ^R	984
Finland*	1999	4407.29		6	1145
Finland*	1999	4407.99.30		2	619
Finland*	1999	4407.99.98		0 ^R	558
France*	1999	4407.24.90	(see accompanying notes)	11 ^W	395
France*	1999	4407.25.60		11 ^W	521
France*	1999	4407.29.39		10 ^W	761
France*	1999	4407.29.69		120 ^W	465
France*	1999	4407.29.99		123 ^W	393
France*	1999		Others	24 ^W	503
Luxembourg*	1999	<i>Dialianthera spp.</i>	Virola		
Luxembourg*	1999	<i>Swietenia spp.</i>	Mahogany		
Luxembourg*	1999	<i>Phoebe porosa</i>	Imbuia		
Luxembourg*	1999	<i>Ochroma lagopus</i>	Balsa		
Luxembourg*	1999	<i>Dipterocarpus spp.</i>	Keruing		
Luxembourg*	1999	<i>Intsia spp.</i>	Merbau		
Luxembourg*	1999	<i>Shorea negrosensis</i>	Red Meranti		
Luxembourg*	1999	<i>Shorea spp.</i>	Meranti		
Netherlands	1999	<i>Lophira spp.</i>	Azobé	44	323
Netherlands	1999	<i>Shorea spp.</i>	Meranti	179	597
Netherlands	1999		Others	163	533
Netherlands	2000	<i>Lophira spp.</i>	Azobé	44	309
Netherlands	2000	<i>Shorea spp.</i>	Meranti	206	676
Netherlands	2000		Others	221	476
Portugal*	1999	4407.24	(see accompanying notes)	5	538
Portugal*	1999	4407.25		1	1256
Portugal*	1999	4407.26		1	234
Portugal*	1999	4407.29		62	450

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
Japan	1999	<i>Tectona grandis</i>	Teak	3	1422
Japan	1999	<i>Cedrela spp.</i>	Balsa	1	860
Japan	1999	<i>Dialianthera spp.</i>	Virola		
Japan	1999	<i>Phoebe porosa</i>	Imbuia		
Japan	1999	<i>Swietenia spp.</i>	Mahogany		
Japan	1999	<i>Parashorea spp.</i>	White Seraya		
Japan	1999	<i>Parashorea spp., Pentacme spp.</i>	White Lauan	86	513
Japan	1999	<i>Shorea albida</i>	Alan		
Japan	1999	<i>Shorea spp.</i>	White Meranti		
Japan	1999	<i>Shorea spp.</i>	Yellow Meranti		
Japan	1999	<i>Shorea rugosa</i>	Meranti Bakau		
Japan	1999	<i>Shorea spp.</i>	Dark Red Meranti	19	569
Japan	1999	<i>Shorea spp.</i>	Light Red Meranti		
Japan	1999	<i>Euxylophora paraensis spp.</i>	Tsuge/Boxwood		
Japan	1999		Tagayasan, etc.	1	3395
Japan	1999		Others	550	501
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>Parashorea spp.</i>	White Seraya		
Japan	2000	<i>Parashorea spp., Pentacme spp.</i>	White Lauan	97	546
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		
Japan	2000	<i>Shorea spp.</i>	Dark Red Meranti	15	591
Japan	2000	<i>Shorea spp.</i>	Light Red Meranti		
Japan	2000	<i>Euxylophora paraensis spp.</i>	Tsuge/Boxwood		
Japan	2000		Tagayasan, etc.	1	4437
Japan	2000		Others	571	530
New Zealand	1999	4407.29.10.09	(see accompanying notes)	0 ^R	3697
New Zealand	1999	4407.29.30.09		0 ^R	2143
New Zealand	1999	4407.29.90.01		1	4994
New Zealand	1999	4407.29.90.05		0 ^R	2709
New Zealand	1999	4407.29.90.09		1	2408
New Zealand	1999		Others	0 ^R	2255
New Zealand	2000	4407.29.10.09	(see accompanying notes)	1	4612
New Zealand	2000	4407.29.30.09		0 ^R	2742
New Zealand	2000	4407.29.90.01		1	6642
New Zealand	2000	4407.29.90.05		0 ^R	3225
New Zealand	2000	4407.29.90.09		0 ^R	3144
New Zealand	2000		Others	0 ^R	3216
Norway	1999	4407.24.00	(see accompanying notes)	0 ^R	--
Norway	1999	4407.25.00		6 ^R	400 ¹
Norway	1999	4407.26.00		0 ^R	--
Norway	1999	4407.29.00		5	696

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	4407.24.00	(see accompanying notes)	0 ^R	--
Norway	2000	4407.25.00		0 ^R	--
Norway	2000	4407.29.00		6	783
Rep. of Korea	1999	<i>Ochroma spp.</i>	Balsa	0 ^R	--
Rep. of Korea	1999		Others	272	354
Rep. of Korea	2000	<i>Ochroma spp.</i>	Balsa	0 ^R	--
Rep. of Korea	2000	<i>Swietenia spp.</i>	Mahogany	0 ^R	--
Rep. of Korea	2000		Others	230	389
Philippines	1999	<i>Agathis spp.</i>	Agathis	0 ^R	--
Philippines	1999	<i>Shorea spp.</i>	Dark Red Meranti	2	333
Philippines	1999	<i>Shorea spp.</i>	Light Red Meranti		
Philippines	2000	<i>Parashorea spp., Shorea spp.</i>	Lauan	0 ^R	--
Philippines	2000	<i>Shorea spp.</i>	Dark Red Meranti	0 ^R	--
Philippines	2000	<i>Shorea spp.</i>	Light Red Meranti		
Philippines	2000	<i>Ochroma spp.</i>	Balsa	0 ^R	--
Philippines	2000	<i>Phoebe porosa</i>	Imbuia		
Philippines	2000	<i>Virola spp.</i>	Virola		
Thailand	1999	<i>Anisoptera spp.</i>	Krabak	12	204
Thailand	1999	<i>Hopea spp.</i>	Takhian	9	255
Thailand	1999	<i>Shorea spp.</i>	Saya	6	262
Thailand	1999	<i>Tectona grandis</i>	Teak	5	838
Thailand	1999		Others	723	198
Thailand	2000	<i>Anisoptera spp.</i>	Krabak	28	172
Thailand	2000	<i>Hopea spp.</i>	Takhian	7	264
Thailand	2000	<i>Shorea spp.</i>	Saya	7	230
Thailand	2000	<i>Tectona grandis</i>	Teak	6	748
Thailand	2000		Others	880	201
Bolivia	1999		Others	5	369
Bolivia	2000		Others	5	360
Brazil	1999	4407.29.10	(see accompanying notes)	0 ^{WR}	178
Brazil	1999	4407.29.20		0 ^{WR}	56
Brazil	1999	4407.29.30		37 ^W	43
Brazil	1999	4407.99.10		17 ^W	26
Brazil	2000	4407.29.10	(see accompanying notes)	0 ^R	--
Brazil	2000	4407.29.20		1	35
Brazil	2000	4407.29.30		43	33
Brazil	2000	4407.99.10		31	19
Honduras	1999*	<i>Bombacopsis quinatum</i>	Saqui-saqui	0 ^R	298
Honduras	1999*	<i>Swietenia humilis</i>	Caoba		
Honduras	1999*	<i>Swietenia macrophylla</i>	Mahogany		
Honduras	1999*	<i>Tectona grandis</i>	Teak		
Honduras	1999*	<i>Vochysia guatematensis</i>	Quaruba		
Panama	1999	<i>Anacardium excelsum</i>	Caracoli	0 ^R	678
Panama	1999	<i>Bombacopsis quinata</i>	Saqui-saqui		
Panama	1999	<i>Swietenia macrophylla</i>	Mahogany		
Panama	1999	<i>Tabebuia pentaphylla</i>	Apamate		
Panama	1999	<i>Vatairea spp.</i>	Amargo		

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 ^R	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 ^R	--
Peru	2000	<i>Iryanthera spp.</i>	Cumala		
Peru	2000	<i>Juglans spp.</i>	Nogal		
Peru	2000	<i>Khaya spp.</i>	Caoba		
Peru	2000	<i>Dipteryx spp.</i>	Shihuahuaco		
Trinidad & Tobago	2000	<i>Swietenia spp.</i>	Mahogany	1	309
Trinidad & Tobago	2000	<i>Cedrela spp.</i>	Cedar	0 ^R	4781
Trinidad & Tobago	2000	<i>Ocotea rodiaei</i>	Greenheart	1	258
Trinidad & Tobago	2000	<i>Mora spp.</i>	Mora	0 ^R	120

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	1999	<i>Khaya</i> spp.	Mahogany, African	2	363
Canada	1999	<i>Swietenia</i> spp.	Mahogany, American	2	715
Canada	1999	<i>Shorea</i> spp.	Dark Red Meranti	0 ^R	603
Canada	1999	<i>Shorea</i> spp.	Light Red Meranti		
Canada	1999	<i>Shorea rugosa</i>	Meranti Bakau		
Canada	1999		Others	11	609
Canada	2000	<i>Khaya</i> spp.	Mahogany, African	2	414
Canada	2000	<i>Shorea</i> spp.	Mahogany, Philippines	0 ^R	533
Canada	2000	<i>Swietenia</i> spp.	Mahogany, American	2	682
Canada	2000	<i>Shorea</i> spp.	Dark Red Meranti	0 ^R	500
Canada	2000	<i>Shorea</i> spp.	Light Red Meranti		
Canada	2000	<i>Shorea rugosa</i>	Meranti Bakau		
Canada	2000		Others	9	791
EU					
Denmark*	1999	<i>Shorea negrosensis</i>	Red Meranti	0 ^R	143
Denmark*	1999	<i>Shorea rugosa</i>	Meranti Bakau		
Denmark*	1999	<i>Aucoumea klaineana</i>	Okoumé	0 ^R	631
Denmark*	1999	<i>Dialianthera</i> spp.	Virola		
Denmark*	1999	<i>Entandrophragma cylindricum</i>	Sapelli		
Denmark*	1999	<i>Entandrophragma utile</i>	Sipo		
Denmark*	1999	<i>Khaya</i> spp.	Acajou d'Afrique		
Denmark*	1999	<i>Parashorea</i> spp., <i>Pentacme</i> spp.	White Lauan		
Denmark*	1999	<i>Swietenia</i> spp.	Mahogany		
Denmark*	1999	<i>Triplochiton scleroxylon</i>	Obeche		
Denmark*	1999	<i>Chlorophora</i> spp.	Iroko		
Denmark*	1999	<i>Dactylocladus stenostachys</i>	Jongkong		
Denmark*	1999	<i>Dipterocarpus</i> spp.	Keruing		
Denmark*	1999	<i>Dryobalanops</i> spp.	Kapur		
Denmark*	1999	<i>Dumoria</i> spp.	Maroke		
Denmark*	1999	<i>Dyera</i> spp.	Jelutong		
Denmark*	1999	<i>Entandrophragma</i> spp.	Tiama		
Denmark*	1999	<i>Gonystylus</i> spp.	Ramin		
Denmark*	1999	<i>Intsia</i> spp.	Merbau		
Denmark*	1999	<i>Koompassia malaccensis</i>	Kempas	0 ^R	1433
Denmark*	1999	<i>Lophira</i> spp.	Azobé		
Denmark*	1999	<i>Lovoa</i> spp.	Dibetou		
Denmark*	1999	<i>Mansonia altissima</i>	Mansonia		
Denmark*	1999	<i>Ochroma lagopus</i>	Balsa		
Denmark*	1999	<i>Parashorea</i> spp.	Seraya		
Denmark*	1999	<i>Phoebe porosa</i>	Imbuia		
Denmark*	1999	<i>Pycnanthus</i> spp.	Ilomba		
Denmark*	1999	<i>Shorea albida</i>	Alan		
Denmark*	1999	<i>Shorea</i> spp.	White Meranti		
Denmark*	1999	<i>Shorea</i> spp.	Yellow Meranti		
Denmark*	1999	<i>Tectona grandis</i>	Teak		
Denmark*	1999		Others	0 ^R	210
Finland*	1999	4408.39		1	1857
France*	1999	4408.31	(see accompanying notes)	0 ^{WR}	1336
France*	1999	4408.39.11-35		17 ^W	960
France*	1999	4408.39.51-99		8 ^W	1247

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
Luxembourg*	1999	<i>Shorea negrosensis</i>	Red Meranti		
Luxembourg*	1999		Others		
Netherlands	1999		Others	7	565
Netherlands	2000		Others	4	789
Portugal*	1999	4408.39.31	(see accompanying notes)	1	925
Portugal*	1999	4408.39.81		0 ^R	1030
Portugal*	1999	4408.39.89		1	1621
Japan	1999	<i>Dyera spp.</i>	Jelutong	0 ^R	--
Japan	1999	<i>Tectona grandis</i>	Teak	0 ^R	--
Japan	1999	<i>Shorea rugosa</i>	Meranti Bakau	17	543
Japan	1999	<i>Shorea spp.</i>	Dark Red Meranti		
Japan	1999	<i>Shorea spp.</i>	Light Red Meranti		
Japan	1999		Others	68	383
Japan	2000	<i>Dyera spp.</i>	Jelutong	0 ^R	--
Japan	2000	<i>Tectona grandis</i>	Teak	0 ^R	--
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		Others	75	353
New Zealand	1999	4408.90.19.09	(see accompanying notes)	0 ^R	5284
New Zealand	1999	4408.90.29.01		0 ^R	9262
New Zealand	1999	4408.90.29.09		0 ^R	5781
New Zealand	1999	4408.90.29.11		0 ^R	2918
New Zealand	1999	4408.90.29.19		0 ^R	2347
New Zealand	1999		Others	0 ^R	9485
New Zealand	2000	4408.90.19.09	(see accompanying notes)	0 ^R	3836
New Zealand	2000	4408.90.29.01		0 ^R	8780
New Zealand	2000	4408.90.29.09		0 ^R	8372
New Zealand	2000	4408.90.29.11		0 ^R	4929
New Zealand	2000	4408.90.29.19		0 ^R	5029
New Zealand	2000		Others	0 ^R	5433
Norway	1999	4408.31.10	(see accompanying notes)	0 ^R	--
Norway	1999	4408.31.90		1	265
Norway	1999	4408.39.10		0 ^R	--
Norway	1999	4408.39.90		2	619
Norway	1999	4408.90.99		5	350
Norway	2000	4408.31.10	(see accompanying notes)	0 ^R	--
Norway	2000	4408.31.90		0 ^R	--
Norway	2000	4408.39.10		0 ^R	--
Norway	2000	4408.39.90		4	267
Norway	2000	4408.90.99		3	704
Rep. of Korea	1999	<i>Tectona grandis</i>	Teak	0 ^R	--
Rep. of Korea	1999	<i>Swietenia spp.</i>	Mahogany	0 ^R	--
Rep. of Korea	1999	<i>Parashorea spp.</i> , <i>Pentacme spp.</i>	White lauan	0 ^R	--
Rep. of Korea	1999		Others	55	335
Rep. of Korea	2000	<i>Tectona grandis</i>	Teak	0 ^R	--
Rep. of Korea	2000	<i>Swietenia spp.</i>	Mahogany	0 ^R	--
Rep. of Korea	2000	<i>Parashorea spp.</i> , <i>Pentacme spp.</i>	White lauan	0 ^R	--

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		Others	168	178
Philippines	1999	<i>Parashorea spp., Shorea spp.</i>	Lauan	2	216
Philippines	1999	<i>Entandrophragma utile</i>	Sipo	0 ^R	--
Philippines	1999	<i>Shorea spp.</i>	Dark Red Meranti		
Philippines	1999	<i>Shorea spp.</i>	Light Red Meranti		
Philippines	1999	<i>Terminalia superba</i>	Limba		

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
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		
Thailand	1999	<i>Tectona grandis</i>	Teak	2	460
Thailand	1999	<i>Shorea spp.</i>	Dark Red Meranti	1	252
Thailand	1999	<i>Shorea spp.</i>	Light Red Meranti		
Thailand	1999	<i>Shorea spp.</i>	Meranti Bakau		
Thailand	1999		Others	7	792
Thailand	2000	<i>Tectona grandis</i>	Teak	3	696
Thailand	2000	<i>Shorea spp.</i>	Dark Red Meranti	0 ^R	252
Thailand	2000	<i>Shorea spp.</i>	Light Red Meranti		
Thailand	2000	<i>Shorea spp.</i>	Meranti Bakau		
Thailand	2000		Others	9	802
Bolivia	1999		Others	0 ^R	2939
Brazil	1999	4408.39.10	(see accompanying notes)	7 ^W	323
Brazil	1999	4408.39.20		3 ^W	262
Brazil	2000	4408.39.10	(see accompanying notes)	8 ^W	258
Brazil	2000	4408.39.20		7 ^W	121
Honduras	1999	<i>Swietenia macrophylla</i>	Mahogany	0 ^R	592
Panama	2000	<i>Anacardium excelsum</i>	Caracoli	0 ^R	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 ^R	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	1999	<i>Shorea negrosensis</i>	Philippines Mahogany	0 ^R	264
Canada	1999	<i>Shorea spp.</i>	Lauan	6	358
Canada	1999	<i>Swietenia spp.</i>	Mahogany	27	319
Canada	1999		Others	49	284
Canada	2000	<i>Shorea spp.</i>	Lauan	6	478
Canada	2000	<i>Swietenia spp.</i>	Mahogany	20	290
Canada	2000		Others	55	283
EU					
Denmark*	1999	<i>Aucoumea klaineana</i>	Okoumé	0 ^R	717
Denmark*	1999	<i>Dialianthera spp.</i>	Virola]	119
Denmark*	1999	<i>Entandrophragma cylindricum</i>	Sapelli		
Denmark*	1999	<i>Entandrophragma utile</i>	Sipo		
Denmark*	1999	<i>Khaya spp.</i>	Acajou d'Afrique		
Denmark*	1999	<i>Parashorea spp., Pentacme spp.</i>	White Lauan		
Denmark*	1999	<i>Shorea spp.</i>	Meranti		
Denmark*	1999	<i>Swietenia spp.</i>	Mahogany		
Denmark*	1999	<i>Terminalia superba</i>	Limba		
Denmark*	1999	<i>Triplochiton scleroxylon</i>	Obeche		
Denmark*	1999		Others	0 ^R	400
Finland*	1999	4412.13	(see accompanying notes)	1	763
Finland*	1999	<i>Ceiba pentandra</i>	Fromager	0 ^R	1335
France*	1999	4412.13.11	(see accompanying notes)	18 ^W	794
France*	1999	4412.13.19		20 ^W	480
France*	1999	4412.13.90		74 ^W	503
France*	1999		Others	13 ^W	651
Luxembourg*	1999	<i>Aucoumea klaineana</i>	Okoumé		
Luxembourg*	1999	<i>Entandrophragma utile</i>	Sipo		
Luxembourg*	1999	<i>Mimusops djave</i>	Moabi		
Luxembourg*	1999	<i>Pinus radiata</i>	Radiata Pine		
Luxembourg*	1999	<i>Shorea spp.</i>	Meranti		
Netherlands	1999	<i>Aucoumea klaineana</i>	Okoumé	110	671
Netherlands	1999		Others	129	437
Netherlands	2000		Others	220	528
Portugal*	1999	4412.13.11	(see accompanying notes)	0 ^R	562
Portugal*	1999	4412.13.19		0 ^R	718
Portugal*	1999	4412.13.90		2	583
Portugal*	1999		Others	1	466
Japan	1999	<i>Entandrophragma utile</i>	Sipo]	444
Japan	1999	<i>Shorea spp.</i>	Dark Red Meranti		
Japan	1999	<i>Swietenia macrophylla</i>	Mahogany, etc.		
Japan	1999		Others	4316	390
Japan	2000	<i>Entandrophragma utile</i>	Sipo]	447
Japan	2000	<i>Shorea spp.</i>	Dark Red Meranti		
Japan	2000	<i>Swietenia macrophylla</i>	Mahogany, etc.		
Japan	2000		Others	4541	367

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
New Zealand	1999	4412.13.10.01	(see accompanying notes)	1	2282
New Zealand	1999	4412.13.10.09		1	2574
New Zealand	1999	4412.13.90.09		1	2154
New Zealand	1999	4412.14.90.01		0 ^R	3234
New Zealand	1999	4412.14.90.09		0 ^R	2502
New Zealand	1999		Others	0 ^R	8826
New Zealand	2000	4412.13.10.01	(see accompanying notes)	1	2916
New Zealand	2000	4412.13.10.09		1	2835
New Zealand	2000	4412.13.90.09		1	2607
New Zealand	2000	4412.14.90.01		0 ^R	3984
New Zealand	2000	4412.14.90.09		1	3221
New Zealand	2000		Others	0 ^R	16592
Norway	1999	4412.13.01	(see accompanying notes)	1	170
Norway	1999	4412.13.09		6	425
Norway	1999	4412.22.00		1	459
Norway	1999	4412.29.00		3	490
Norway	2000	4412.13.01	(see accompanying notes)	2	144
Norway	2000	4412.13.09		6	315
Norway	2000	4412.22.00		1	517
Norway	2000	4412.29.00		3	229
Philippines	2000	<i>Shorea spp.</i>	Lauan	0 ^R	--
Philippines	2000	<i>Shorea spp.</i>	Tangile		
Philippines	2000	<i>Aucoumea klaineana</i>	Okoumé	0 ^R	--
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		
Thailand	1999		Others	0 ^R	165
Thailand	2000		Others	1	424
Brazil	1999	4412.14.00	(see accompanying notes)	0 ^{WR}	1,154
Brazil	1999	4412.22.00		0 ^{WR}	7,576
Brazil	1999	4412.29.00		1 ^W	400
Brazil	2000	4412.14.00	(see accompanying notes)	0 ^{WR}	1,110
Brazil	2000	4412.22.00		0 ^{WR}	1,136
Honduras	1999*	<i>Swietenia macrophylla</i>	Mahogany	0 ^R	660
Panama	1999	<i>Bombacopsis quinata</i>	Saqui-saqui	1	793
Panama	1999	<i>Dalbergia retusa</i>	Cocobolo		
Panama	1999	<i>Hieronyma alchorneoides</i>	Pilon		
Panama	1999	<i>Myroxylon balsamun</i>	Balsamo		
Panama	1999	<i>Tabebuia pentaphylla</i>	Apamate		
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		

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
Peru	2000	<i>Cedrela spp.</i>	Cedro	0 ^R	--
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	12	453

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	1999	<i>Brachystegia</i> spp.	Evène	20	--
Cameroon	1999	<i>Chlorophora</i> spp.	Iroko	64	--
Cameroon	1999	<i>Distemonanthus benthamianus</i>	Movingui	27	--
Cameroon	1999	<i>Entandrophragma cylindricum</i>	Sapelli	136	--
Cameroon	1999	<i>Entandrophragma utile</i>	Sipo	25	--
Cameroon	1999	<i>Eribroma oblonga</i>	Eyong	22	--
Cameroon	1999	<i>Erythrophleum</i> spp.	Tali	38	--
Cameroon	1999	<i>Terminalia superba</i>	Fraké	53	--
Cameroon	1999	<i>Triplochiton scleroxylon</i>	Ayous	356	--
Cameroon	1999	<i>Triplochiton scleroxylon</i>	Azobé	41	--
Cameroon	1999		Others (53 species)	194	--
Cameroon	2000	<i>Antrocaryon</i> spp.	Angongui/Onzabili	9	--
Cameroon	2000	<i>Brachystegia</i> spp.	Ekop/Naga	13	--
Cameroon	2000	<i>Brachystegia</i> spp.	Evène	13	--
Cameroon	2000	<i>Eribroma oblonga</i>	Eyong	29	--
Cameroon	2000	<i>Erythrophleum</i> spp.	Tali	38	--
Cameroon	2000	<i>Gosweilerodendron balsamiferum</i>	Agba/Tola	12	--
Cameroon	2000	<i>Nauclea diderrichii</i>	Bilinga	15	--
Cameroon	2000	<i>Terminalia superba</i>	Frake	47	--
Cameroon	2000	<i>Triplochiton scleroxylon</i>	Ayous	311	--
Cameroon	2000	<i>Triplochiton scleroxylon</i>	Azobé	50	--
Cameroon	2000		Others (29 species)	37	--
CAR	1999	<i>Chlorophora</i> spp.	Iroko	11	88
CAR	1999	<i>Entandrophragma cylindricum</i>	Sapelli	63	102
CAR	1999	<i>Entandrophragma utile</i>	Sipo	9	111
CAR	1999	<i>Triplochiton scleroxylon</i>	Ayous	44	70
CAR	1999	<i>Aningeria</i> spp.	Aningré	23	199
CAR	1999	<i>Gambeya</i> spp.	Longhi		
CAR	1999		Others	4	93
CAR	2000	<i>Chlorophora</i> spp.	Iroko	22	106
CAR	2000	<i>Entandrophragma cylindricum</i>	Sapelli	131	101
CAR	2000	<i>Entandrophragma utile</i>	Sipo	23	120
CAR	2000	<i>Triplochiton scleroxylon</i>	Ayous	39	70
CAR	2000	<i>Aningeria</i> spp.	Aningré	27	234
CAR	2000	<i>Gambeya</i> spp.	Longhi		
CAR	2000		Others	9	103
Congo, Rep.*	1999	<i>Aningeria</i> spp.	Aningré	5	--
Congo, Rep.*	1999	<i>Aucoumea klaineana</i>	Okoumé	14	--
Congo, Rep.*	1999	<i>Entandrophragma cylindricum</i>	Sapelli	124	--
Congo, Rep.*	1999	<i>Entandrophragma utile</i>	Sipo	27	--
Congo, Rep.*	1999	<i>Pericopsis elata</i>	Afrommosia	6	--
Congo, Rep.*	1999		Others	176	--
Côte d'Ivoire	1999	<i>Tectona grandis</i>	Teak	105	101
Côte d'Ivoire	2000	<i>Tectona grandis</i>	Teak	136	156

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
Gabon	1999	<i>Aucoumea klaineana</i>	Okoumé	2000	82
Gabon	1999	<i>Gossweilerodendron balsamiferum</i>	Tola	169	27
Gabon	1999	<i>Chlorophora spp.</i>	Iroko	115	27
Gabon	1999	<i>Pterocarpus spp.</i>	Padouk	79	139
Gabon	1999	<i>Dacryodes buettneri</i>	Ozigo	52	100
Gabon	1999		Others	855	82
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 Toxisperma</i>	Moabi	56	
Gabon	2000	<i>Dacryodes buettneri</i>	Ozigo	62	
Gabon	2000		Others	469	
Liberia	1999	<i>Lophira alata</i>	Ekki	14	94
Liberia	1999	<i>Mitragyna spp.</i>	Abura	29	80
Liberia	1999	<i>Tarrietia utilis</i>	Niangon	51	165
Liberia	1999	<i>Terminalia ivorensis</i>	Framiré	14	113
Liberia	1999	<i>Tetraberlinia tubmaniana</i>	Tetraberlinia	35	86
Liberia	1999		Others	65	176
Liberia	2000	<i>Lophira alata</i>	Ekki	133	37
Liberia	2000	<i>Mitragyna spp.</i>	Abura	36	114
Liberia	2000	<i>Tarrietia utilis</i>	Niangon	64	145
Liberia	2000	<i>Terminalia ivorensis</i>	Framiré	11	89
Liberia	2000	<i>Tetraberlinia tubmaniana</i>	Tetraberlinia	51	90
Liberia	2000		Others	342	128
Malaysia	1999	<i>Dipterocarpus spp.</i>	Keruing	510	116
Malaysia	1999	<i>Parashorea spp.</i>	Seraya	299	109
Malaysia	1999	<i>Shorea spp.</i>	Meranti	1970	111
Malaysia	1999	<i>Shorea spp.</i>	Selangau Batu	493	129
Malaysia	1999		Others	2616	89
Malaysia	2000	<i>Dipterocarpus spp.</i>	Keruing	436	104
Malaysia	2000	<i>Parashorea spp.</i>	Seraya	111	283
Malaysia	2000	<i>Shorea spp.</i>	Meranti	2587	108
Malaysia	2000	<i>Shorea spp.</i>	Selangau Batu	465	134
Malaysia	2000		Others	2315	82

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	1999	<i>Adina cordifolia</i>	Hnaw	4	48
Myanmar	1999	<i>Dalbergia cultrata</i>	Yindaik	0 ^R	49
Myanmar	1999	<i>Dalbergia oliveri</i>	Tamalan	0 ^R	302
Myanmar	1999	<i>Dipterocarpus spp.</i>	In/Kanyin	424	48
Myanmar	1999	<i>Gmelina arborea</i>	Yemane	1	44
Myanmar	1999	<i>Hopea odorata</i>	Thingan	1	47
Myanmar	1999	<i>Michelia champaca</i>	Sagawa	5	47
Myanmar	1999	<i>Millettia pendula</i>	Thinwin	0 ^R	43
Myanmar	1999	<i>Parashorea stellata</i>	Thingadu	2	46
Myanmar	1999	<i>Pentacme siamensis</i>	Ingyin	0 ^R	47
Myanmar	1999	<i>Pterocarpus macrocarpus</i>	Padauk	2	47
Myanmar	1999	<i>Shorea oblongifolia</i>	Thitya	0 ^R	48
Myanmar	1999	<i>Swintonia floribunda</i>	Taungthayet	2	48
Myanmar	1999	<i>Tectona grandis</i>	Teak	379	408
Myanmar	1999	<i>Terminalia tomentosa</i>	Htaukkyant	9	48
Myanmar	1999	<i>Xylia dolabriformis</i>	Pyinkado	151	47
Myanmar	2000	<i>Tectona grandis</i>	Teak	384	379
Myanmar	2000		Others	543	72
Thailand	1999	<i>Tectona grandis</i>	Teak	0 ^R	1243
Thailand	1999		Others	0 ^R	40
Thailand	2000	<i>Tectona grandis</i>	Teak	0 ^R	997
Thailand	2000		Others	0 ^R	39
Vanuatu	1999	<i>Santalum austro-caledonicum</i>	Sandalwood	0 ^R	2,942
Bolivia	1999	<i>Buchnavia spp., Terminalia spp.</i>	Verdolago	0 ^R	113
Bolivia	1999	<i>Tabebuia pentaphylla</i>	Roble	0 ^R	128
Bolivia	1999	<i>Tabebuia spp.</i>	Cuchi	0 ^R	36
Bolivia	1999		Tasaá	0 ^R	103
Bolivia	1999		Jichituriqui	0 ^R	113
Bolivia	1999		Others	3	18
Bolivia	2000	<i>Tabebuia spp.</i>	Cuchi	3	15
Bolivia	2000		Others	0 ^R	22
Colombia*	1999	<i>Tectona grandis</i>	Teak	2	168
Guyana	1999	<i>Eperua spp.</i>	Wallaba	0 ^R	64
Guyana	1999	<i>Goupia glabra</i>	Kabukalli	0 ^R	45
Guyana	1999	<i>Mora spp.</i>	Mora	2	3
Guyana	1999	<i>Ocotea rodiaei</i>	Greenheart	0 ^R	419
Guyana	1999	<i>Peltogyne spp.</i>	Purpleheart	4	74
Guyana	1999		Others	41	65
Guyana	2000	<i>Eperua spp.</i>	Wallaba	1	62
Guyana	2000	<i>Goupia glabra</i>	Kabukalli	1	62
Guyana	2000	<i>Mora spp.</i>	Mora	1	63
Guyana	2000	<i>Ocotea rodiaei</i>	Greenheart	11	67
Guyana	2000	<i>Peltogyne spp.</i>	Purpleheart	11	69
Guyana	2000		Others	29	59

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
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	1999	<i>Anacardium excelsum</i>	Caracoli	1	177
Panama	1999	<i>Bombacopsis quinata</i>	Saqui-saqui		
Panama	1999	<i>Garapa lanenci</i>	Apuleia leiocarpa		
Panama	1999	<i>Prioria copaifera</i>	Cativo		
Panama	1999	<i>Swietenia macrophylla</i>	Mahogany		
Panama	2000	<i>Anacardium excelsum</i>	Caracoli	4	74
Panama	2000	<i>Bombacopsis quinata</i>	Saqui-saqui		
Panama	2000	<i>Garapa lanenci</i>	Apuleia leiocarpa		
Panama	2000	<i>Prioria copaifera</i>	Cativo		
Panama	2000	<i>Swietenia macrophylla</i>	Mahogany		
EU					
Denmark*	1999		Others	0 ^R	1290
France*	1999	4403.49.10	(see accompanying notes)	2 ^W	273
France*	1999	4403.49.20		1 ^W	300
France*	1999	4403.49.30		0 ^{WR}	149
France*	1999	4403.49.40		1 ^W	377
France*	1999	4403.49.90		49 ^W	110
France*	1999		Others	2 ^W	127
Netherlands	1999	<i>Aucoumea klaineana</i>	Okoumé	0 ^R	242
Netherlands	1999	<i>Entandrophragma utile</i>	Sipo	0 ^R	--
Netherlands	1999	<i>Shorea spp.</i>	Meranti	0 ^R	658
Netherlands	1999		Others	2	430
Netherlands	2000	<i>Entandrophragma utile</i>	Sipo	0 ^R	603
Netherlands	2000	<i>Shorea spp.</i>	Meranti	0 ^R	1058
Netherlands	2000		Others	46	9
Portugal*	1999	4403.49.10	(see accompanying notes)	1	447
Portugal*	1999	4403.49.90		0 ^R	393
Norway	1999	4403.49.00	(see accompanying notes)	0 ^R	--
Norway	2000	4403.99.03	(see accompanying notes)	3	56
Rep. of Korea	2000	<i>Homalium spp.</i>	Malas	0 ^R	--
Rep. of Korea	2000		Others	0 ^R	--

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
CAR	1999	<i>Chlorophora</i> spp.	Iroko	2	266
CAR	1999	<i>Entandrophragma cylindricum</i>	Sapelli	44	187
CAR	1999	<i>Entandrophragma utile</i>	Sipo	2	239
CAR	1999	<i>Triplochiton scleroxylon</i>	Ayous	13	72
CAR	1999	<i>Aningeria</i> spp.	Aningré	1	114
CAR	1999	<i>Gambeya</i> spp.	Longhi		
CAR	1999		Others		
CAR	2000	<i>Chlorophora</i> spp.	Iroko	2	248
CAR	2000	<i>Entandrophragma cylindricum</i>	Sapelli	52	187
CAR	2000	<i>Entandrophragma utile</i>	Sipo	1	231
CAR	2000	<i>Triplochiton scleroxylon</i>	Ayous	8	73
CAR	2000	<i>Aningeria</i> spp.	Aningré	2	275
CAR	2000	<i>Gambeya</i> spp.	Longhi		
CAR	2000		Others		
Congo, Rep.*	1999	<i>Chlorophora</i> spp.	Iroko		
Congo, Rep.*	1999	<i>Entandrophragma cylindricum</i>	Sapelli		
Congo, Rep.*	1999	<i>Entandrophragma utile</i>	Sipo		
Congo, Rep.*	1999	<i>Ochroma</i> spp.	Balsa		
Congo, Rep.*	1999	<i>Staudtia</i> spp.	Niové		
Côte d'Ivoire	1999	<i>Chlorophora excelsa</i>	Iroko	140	389
Côte d'Ivoire	1999	<i>Khaya ivorensis</i>	Acajou	21	322
Côte d'Ivoire	1999	<i>Mitragyna ciliata</i>	Bahia	31	372
Côte d'Ivoire	1999	<i>Terminalia superba</i>	Fraké	27	285
Côte d'Ivoire	1999	<i>Triplochiton scleroxylon</i>	Samba	136	260
Côte d'Ivoire	1999		Others	124	332
Côte d'Ivoire	2000	<i>Chlorophora excelsa</i>	Iroko	100	379
Côte d'Ivoire	2000	<i>Khaya ivorensis</i>	Acajou	37	274
Côte d'Ivoire	2000	<i>Mitragyna ciliata</i>	Bahia	46	326
Côte d'Ivoire	2000	<i>Terminalia superba</i>	Fraké	28	233
Côte d'Ivoire	2000	<i>Triplochiton scleroxylon</i>	Samba	129	215
Côte d'Ivoire	2000		Others	119	283
Gabon	1999	<i>Aucoumea klaineana</i>	Okoumé	38	112
Gabon	1999	<i>Baillonella toxisperma</i>	Moabi	1	261
Gabon	1999	<i>Dumoria heckelii</i>	Douka	3	161
Gabon	1999	<i>Nauclea diderrichii</i>	Bilinga	11	20
Gabon	1999	<i>Triplochiton scleroxylon</i>	Azobé	1	208
Gabon	1999		Others	18	154
Ghana	1999	<i>Chlorophora excelsa</i>	Odoom	33	525
Ghana	1999	<i>Khaya ivorensis</i>	Mahogany	14	513
Ghana	1999	<i>Pterygota macrocarpa</i>	Kyere/Koto	8	560
Ghana	1999	<i>Terminalia superba</i>	Ofram	19	230
Ghana	1999	<i>Triplochiton scleroxylon</i>	Wawa	109	276
Ghana	1999		Others (32 species)	67	387

Table 3-2-b. Major Tropical Sawwood Species Exported by ITTO Members

Country	Year	Latin Name or HS Code	Pilot Name/Local Name	Volume 1000 m3	Avg. Price \$/m3
Ghana	2000	<i>Chlorophora excelsa</i>	Odom	21	519
Ghana	2000	<i>Khaya ivorensis</i>	Mahogany	12	516
Ghana	2000	<i>Pterygota macrocarpa</i>	Kyere/Koto	7	477
Ghana	2000	<i>Terminalia superba</i>	Ofram	25	185
Ghana	2000	<i>Triplochiton scleroxylon</i>	Wawa	121	244
Ghana	2000		Others (35 species)	56	387
Fiji	1999*	<i>Calophyllum spp.</i>	Damanu	1	253
Fiji	1999*	<i>Endospermum spp.</i>	Kauvula	1	244
Fiji	1999*	<i>Gracelapies spp.</i>	Buabua	1	178
Fiji	1999*	<i>Intsia bijuga</i>	Vesi	0 ^R	371
Fiji	1999*	<i>Myristica spp.</i>	Kaudamu	1	325
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
Malaysia	1999	<i>Dipterocarpus spp.</i>	Keruing	150	248
Malaysia	1999	<i>Shorea albida</i>	Alan	128	213
Malaysia	1999	<i>Shorea spp.</i>	Meranti	487	408
Malaysia	1999	<i>Shorea spp.</i>	Selangau Batu	142	281
Malaysia	1999		Mixed Hardwood	165	88
Malaysia	1999		Others	730	192
Malaysia	2000	<i>Dipterocarpus spp.</i>	Keruing	144	267
Malaysia	2000	<i>Shorea albida</i>	Alan	142	217
Malaysia	2000	<i>Shorea spp.</i>	Meranti	530	432
Malaysia	2000	<i>Shorea spp.</i>	Selangau Batu	138	282
Malaysia	2000		Mixed Hardwood	149	86
Malaysia	2000		Others	890	193
Myanmar	1999	<i>Dalbergia oliveri</i>	Tamalan	1	94
Myanmar	1999	<i>Dipterocarpus spp.</i>	In/Kanyin	10	93
Myanmar	1999	<i>Pterocarpus macrocarpus</i>	Padauk	3	92
Myanmar	1999	<i>Swintonia floribunda</i>	Taungthayet	4	94
Myanmar	1999	<i>Tectona grandis</i>	Teak	16	663
Myanmar	1999	<i>Xylia dolabriformis</i>	Pyinkado	7	93
Myanmar	2000	<i>Tectona grandis</i>	Teak	24	688
Philippines	1999	<i>Agathis spp.</i>	Falcateria	4	196
Philippines	1999	<i>Shorea spp.</i>	Lauan	0 ^R	--
Philippines	1999	<i>Shorea spp.</i>	Dark Red Meranti	4	55
Philippines	1999	<i>Shorea spp.</i>	Light Red Meranti		
Philippines	2000	<i>Agathis spp.</i>	Falcateria	15	136
Thailand	1999	<i>Hevea brasiliensis</i>	Rubberwood	172	198
Thailand	1999	<i>Tectona grandis</i>	Teak	1	2767
Thailand	1999		Others	1	545
Thailand	2000	<i>Anisoptera spp.</i>	Krabak	0	693
Thailand	2000	<i>Hevea brasiliensis</i>	Rubberwood	309	170
Thailand	2000	<i>Tectona grandis</i>	Teak	1	2271
Thailand	2000		Others	0	5391

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	1999	<i>Antiaris toxicaria</i>	Terap	6	319 ¹
Vanuatu	1999	<i>Castanospermum australe</i>		0 ^R	176 ¹
Vanuatu	1999	<i>Dysoxylum gaudichaudianum</i>		0 ^R	7500 ¹
Vanuatu	1999	<i>Endospermum medullosum</i>	Sesendok	5	319 ¹
Vanuatu	1999	<i>Pterocarpus indicus</i>	Padouk/Amboina	0 ^R	3500 ¹
Vanuatu	1999		Others	0 ^R	1174 ¹
Vanuatu	2000	<i>Antiaris toxicaria</i>	Terap	6	317 ¹
Vanuatu	2000	<i>Castanospermum australe</i>		0 ^R	391 ¹
Vanuatu	2000	<i>Dysoxylum gaudichaudianum</i>		0 ^R	2941 ¹
Vanuatu	2000	<i>Endospermum medullosum</i>	Sesendok	4	322 ¹
Vanuatu	2000	<i>Pterocarpus indicus</i>	Padouk/Amboina	0 ^R	1613 ¹
Vanuatu	2000		Others	0 ^R	6667 ¹
Bolivia	1999	<i>Cariniana estrellensis</i>	Yesquero	3	559
Bolivia	1999	<i>Cedrela spp.</i>	Cedro	20	490
Bolivia	1999	<i>Vochysia spp.</i>	Cambará	1	411
Bolivia	1999	<i>Swietenia macrophylla</i>	Mara	9	727
Bolivia	1999	<i>Tabebuia spp.</i>	Roble	5	402
Bolivia	1999		Others	4	536
Bolivia	2000	<i>Cariniana estrellensis</i>	Yesquero	2	515
Bolivia	2000	<i>Cedrela spp.</i>	Cedro	19	485
Bolivia	2000	<i>Vochysia spp.</i>	Cambará	2	735
Bolivia	2000	<i>Swietenia macrophylla</i>	Mara	11	745
Bolivia	2000	<i>Tabebuia spp.</i>	Roble	5	347
Bolivia	2000		Others	4	652
Brazil	1999	4407.24.10	(see accompanying notes)	71 ^W	623
Brazil	1999	4407.29.10		52 ^W	466
Brazil	1999	4407.29.20		63 ^W	337
Brazil	1999	4407.29.30		1 ^W	362
Brazil	1999	4407.99.10		0 ^{WR}	283
Brazil	2000	4407.24.10	(see accompanying notes)	45 ^W	625
Brazil	2000	4407.29.10		73 ^W	447
Brazil	2000	4407.29.20		75 ^W	333
Brazil	2000	4407.29.30		1 ^W	343
Brazil	2000	4407.99.10		1 ^W	350
Guyana	1999	<i>Aspidosperma spp.</i>	Shibadan	0 ^R	237
Guyana	1999	<i>Ocotea rodiaei</i>	Greenheart	12	290
Guyana	1999	<i>Goupia glabra</i>	Kabukalli	0 ^R	293
Guyana	1999	<i>Peltogyne spp.</i>	Purpleheart	5	391
Guyana	1999		Others	1	302
Guyana	2000	<i>Aspidosperma spp.</i>	Shibadan	1	199
Guyana	2000	<i>Ocotea rodiaei</i>	Greenheart	15	539
Guyana	2000	<i>Goupia glabra</i>	Kabukalli	0 ^R	316
Guyana	2000	<i>Mora spp.</i>	Mora	6	404
Guyana	2000	<i>Peltogyne spp.</i>	Purpleheart	13	310
Guyana	2000		Others	1	353
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>			

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
Panama	1999	<i>Anacardium excelsum</i>	Caracoli	0 ^R	281
Panama	1999	<i>Bombacopsis quinata</i>	Saqui-saqui		
Panama	1999	<i>Swietenia macrophylla</i>	Mahogany		
Panama	1999	<i>Tabebuia pentaphylla</i>	Apamate		
Panama	1999	<i>Vatairea spp.</i>			
Panama	2000	<i>Anacardium excelsum</i>	Caracoli	0 ^R	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	1999	<i>Cedrela spp.</i>	Cedro	55	803
Peru	1999	<i>Iryanthera spp.</i>	Cumala		
Peru	1999	<i>Juglans spp.</i>	Nogal		
Peru	1999	<i>Swietenia macrophylla</i>	Caoba		
Peru	1999	<i>Dipteryx spp.</i>	Shihuahuaco		
Peru	2000	<i>Cedrela spp.</i>	Cedro	75	649
Peru	2000	<i>Iryanthera spp.</i>	Cumala		
Peru	2000	<i>Juglans spp.</i>	Nogal		
Peru	2000	<i>Swietenia macrophylla</i>	Caoba		
Peru	2000	<i>Dipteryx spp.</i>	Shihuahuaco		
Trinidad & Tobago	2000	<i>Swietenia spp.</i>	Mahogany	0 ^R	607
Trinidad & Tobago	2000	<i>Cedrela spp.</i>	Cedar	0 ^R	598
Trinidad & Tobago	2000	<i>Ocotea rodiaei</i>	Greenheart	0 ^R	666
Trinidad & Tobago	2000	<i>Mora spp.</i>	Mora	0 ^R	644
Canada	1999	<i>Shorea spp.</i>	Light Red Meranti	0 ^R	615
Canada	1999	<i>Shorea spp.</i>	Dark Red Meranti		
Canada	1999	<i>Shorea rugosa</i>	Meranti Bakau		
Canada	1999	<i>Dialianthera spp.</i>	Virola	0 ^R	258
Canada	1999	<i>Ochroma spp.</i>	Balsa		
Canada	1999	<i>Phoebe porosa</i>	Imbuia		
Canada	1999	<i>Swietenia spp.</i>	Mahogany		
Canada	1999		Others	0 ^R	1184
Canada	2000	<i>Dialianthera spp.</i>	Virola	0 ^R	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 ^R	1182
EU					
Denmark*	1999	<i>Dialianthera spp.</i>	Virola	0 ^R	239
Denmark*	1999	<i>Ochroma lagopus</i>	Balsa		
Denmark*	1999	<i>Phoebe porosa</i>	Imbuia		
Denmark*	1999	<i>Swietenia spp.</i>	Mahogany	0 ^R	942
Denmark*	1999		Others		
Finland*	1999	4407.24	(see accompanying notes)	0 ^R	647
Finland*	1999	4407.25		0 ^R	--
Finland*	1999	4407.29		0 ^R	1510

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
France*	1999	4407.24.90	(see accompanying notes)	7 ^W	297
France*	1999	4407.25.60		0 ^{WR}	547
France*	1999	4407.29.39		1 ^{WR}	607
France*	1999	4407.29.69		5 ^W	560
France*	1999	4407.29.99		6 ^W	336
France*	1999		Others	1 ^W	803
Luxembourg*	1999	<i>Dialianthera spp.</i>	Virola		
Luxembourg*	1999	<i>Ochroma lagopus</i>	Balsa		
Luxembourg*	1999	<i>Phoebe porosa</i>	Imbuia		
Luxembourg*	1999	<i>Shorea spp.</i>	Meranti		
Luxembourg*	1999	<i>Swietenia spp.</i>	Mahogany		
Luxembourg*	1999		Others		
Netherlands	1999	<i>Lophira spp.</i>	Azobé	14	558
Netherlands	1999	<i>Shorea spp.</i>	Meranti	29	610
Netherlands	1999		Others	27	672
Netherlands	2000	<i>Lophira spp.</i>	Azobé	10	525
Netherlands	2000	<i>Shorea spp.</i>	Meranti	16	594
Portugal*	1999	4407.24	(see accompanying notes)	0 ^R	192
Portugal*	1999	4407.25		0 ^R	550
Portugal*	1999	4407.29		6	450
Japan	1999	<i>Cedrela spp.</i>	Cedar	}	0 ^R
Japan	1999	<i>Dialianthera spp.</i>	Virola		
Japan	1999	<i>Phoebe porosa</i>	Imbuia		
Japan	1999	<i>Swietenia spp.</i>	Mahogany		
Japan	1999	<i>Parashorea spp.</i>	White Seraya	}	0 ^R
Japan	1999	<i>Parashorea spp.</i> , <i>Pentacme spp.</i>	White Lauan		
Japan	1999	<i>Shorea albida</i>	Alan		
Japan	1999	<i>Shorea spp.</i>	White Meranti		
Japan	1999	<i>Shorea spp.</i>	Yellow Meranti		
Japan	1999		Others		0 ^R
Japan	2000	<i>Cedrela spp.</i>	Cedar	}	0 ^R
Japan	2000	<i>Dialianthera spp.</i>	Virola		
Japan	2000	<i>Phoebe porosa</i>	Imbuia		
Japan	2000	<i>Swietenia spp.</i>	Mahogany		
Japan	2000		Others		0 ^R
Norway	1999	4407.25.00	(see accompanying notes)	0 ^R	--
Norway	1999	4407.29.00		6	18
Norway	2000	4407.25.00	(see accompanying notes)	0 ^R	--
Norway	2000	4407.29.00		0 ^R	--
Rep. of Korea	2000		Others	0 ^R	--

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
Congo, Rep.*	1999	<i>Aucoumea klaineana</i>	Okoumé		
Congo, Rep.*	1999	<i>Dacryodes igaganga</i>	Igaganga		
Congo, Rep.*	1999	<i>Hallea spp.</i>	Bahia		
Congo, Rep.*	1999	<i>Pycnanthus spp.</i>	Ilomba		
Congo, Rep.*	1999	<i>Tieghemella spp.</i>	Douka		
Côte d'Ivoire	1999	<i>Ceiba pentandra</i>	Fromager	83	221
Côte d'Ivoire	1999	<i>Pycnanthus angolensis</i>	Ilomba	16	239
Côte d'Ivoire	1999	<i>Triplochiton scleroxylon</i>	Samba	4	164
Côte d'Ivoire	1999		Others	50	298
Côte d'Ivoire	2000	<i>Aningeria robusta</i>	Aniegré	6	679
Côte d'Ivoire	2000	<i>Bombax buonopozense</i>	Kapokier	6	230
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>Triplochiton scleroxylon</i>	Samba	1	292
Côte d'Ivoire	2000		Others	4	638
Ghana	1999	<i>Aningeria altissima</i>	Asanfina	20	896
Ghana	1999	<i>Ceiba pentandra</i>	Ceiba	37	360
Ghana	1999	<i>Entandrophragma cylindricum</i>	Sapele	3	606
Ghana	1999	<i>Khaya ivorensis</i>	Mahogany	4	862
Ghana	1999	<i>Pterygota macrocarpa</i>	Kyere/Koto	5	469
Ghana	1999		Others (36 species)	32	326
Ghana	2000	<i>Aningeria altissima</i>	Asanfina	18	834
Ghana	2000	<i>Ceiba pentandra</i>	Ceiba	61	233
Ghana	2000	<i>Entandrophragma cylindricum</i>	Sapele	2	808
Ghana	2000	<i>Khaya ivorensis</i>	Mahogany	4	1250
Ghana	2000	<i>Pterygota macrocarpa</i>	Kyere/Koto	2	1658
Ghana	2000		Others (36 species)	24	379
Fiji	1999*	<i>Agathis vitiensis</i>	Dakua makadre	3	538
Fiji	1999*	<i>Calophyllum vitiensis</i>	Damanu		
Fiji	1999*	<i>Endospermum macrophylla</i>	Kauvula		
Fiji	1999*	<i>Myristica spp.</i>	Kaudamu		
Fiji	1999*	<i>Sterculia vitiensis</i>	Waciwaci		
Fiji	2000	<i>Agathis vitiensis</i>		0 ^R	935
Fiji	2000	<i>Calophyllum vitiensis</i>		0 ^R	466
Fiji	2000	<i>Decussocarpus vitiensis</i>		1	639
Fiji	2000	<i>Endospermum macrophyllum</i>		0 ^R	640
Fiji	2000	<i>Vusavusa</i>		0 ^R	472
Fiji	2000		Others	0 ^R	649

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
Myanmar	1999	<i>Tectona grandis</i>	Teak	0 ^R	--
Myanmar	2000	<i>Tectona grandis</i>	Teak	1	420
Philippines	1999	<i>Shorea spp.</i>	Lauan	4	580
Philippines	1999	<i>Entandrophragma utile</i>	Sipo	0 ^R	--
Philippines	1999	<i>Shorea spp.</i>	Dark Red Meranti		
Philippines	1999	<i>Shorea spp.</i>	Light Red Meranti		
Philippines	1999	<i>Terminalia superba</i>	Limba		
Philippines	2000	<i>Shorea spp.</i>	Lauan	3	703
Thailand	1999	<i>Tectona grandis</i>	Teak	2	4788
Thailand	1999		Others	0 ^R	793
Thailand	2000	<i>Tectona grandis</i>	Teak	2	4089
Thailand	2000		Others	0 ^R	505
Bolivia	1999	<i>Cariniana estrellensis</i>	Yesquero	0 ^R	3778
Bolivia	1999	<i>Cedrela spp.</i>	Cedro	0 ^R	2277
Bolivia	1999	<i>Peltogyne spp.</i>	Morado	1	1688
Bolivia	1999	<i>Platymiscium fragrans</i>	Tarara	0 ^R	1377
Bolivia	1999	<i>Tabebuia spp.</i>	Roble	0 ^R	1934
Bolivia	2000	<i>Cariniana estrellensis</i>	Yesquero	0 ^R	3170
Bolivia	2000	<i>Cedrela spp.</i>	Cedro	1	1383
Bolivia	2000	<i>Peltogyne spp.</i>	Morado	1	1826
Bolivia	2000	<i>Tabebuia spp.</i>	Roble	0 ^R	--
Bolivia	2000		Others	1	34
Brazil	1999	4408.39.20	(see accompanying notes)	3 ^W	685
Brazil	2000	4408.39.10	(see accompanying notes)	1 ^W	1554
Brazil	2000	4408.39.20		0 ^{WR}	446
Honduras	2000	<i>Swietenia macrophylla</i>	Mahogany		
Panama	1999	<i>Anacardium excelsum</i>	Caracoli	0 ^R	277
Panama	1999	<i>Copaifera aromática</i>	Caniva		
Panama	1999	<i>Prioria copaifera</i>	Cativo		
Panama	1999	<i>Sterculia optata</i>	Sterculia		
Peru	1999	<i>Chorisia spp.</i>	Lupuna	7	1157
Peru	1999	<i>Cedrela spp.</i>	Cedro		
Peru	1999	<i>Copaifera spp.</i>	Copaiba		
Peru	1999	<i>Swietenia macrophylla</i>	Caoba		
Peru	1999	<i>Micrandra spruceana</i>	Higuerilla		
Peru	2000	<i>Chorisia spp.</i>	Lupuna	8	436
Peru	2000	<i>Cedrela spp.</i>	Cedro		
Peru	2000	<i>Copaifera spp.</i>	Copaiba		
Peru	2000	<i>Swietenia macrophylla</i>	Caoba		
Peru	2000	<i>Micrandra spruceana</i>	Higuerilla		
Trinidad & Tobago	2000		Others	0 ^R	765

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
Canada	2000	<i>Shorea rugosa</i>	Meranti Bakau	0 ^R	1782
Canada	2000	<i>Shorea spp.</i>	Dark Red Meranti		
Canada	2000	<i>Shorea spp.</i>	Light Red Meranti		
EU					
Denmark*	1999	<i>Aucoumea klaineana</i>	Okoumé	0 ^R	--
Denmark*	1999	<i>Dialianthera spp.</i>	Virola		
Denmark*	1999	<i>Entandrophragma cylindricum</i>	Sapelli		
Denmark*	1999	<i>Entandrophragma utile</i>	Sipo		
Denmark*	1999	<i>Khaya ivorensis</i>	Acajou d'Afrique		
Denmark*	1999	<i>Parashorea spp., Pentacme spp.</i>	White Lauan		
Denmark*	1999	<i>Swietenia macrophylla</i>	Mahogany		
Denmark*	1999	<i>Triplochiton scleroxylon</i>	Obeche		
Denmark*	1999	<i>Chlorophora spp.</i>	Iroko	1	--
Denmark*	1999	<i>Dactylocladus stenostachys</i>	Jongkong		
Denmark*	1999	<i>Dipterocarpus spp.</i>	Keruing		
Denmark*	1999	<i>Dryobalanops spp.</i>	Kapur		
Denmark*	1999	<i>Dumoria spp.</i>	Maroke		
Denmark*	1999	<i>Dyera spp.</i>	Jelutong		
Denmark*	1999	<i>Entandrophragma spp.</i>	Tiama		
Denmark*	1999	<i>Gonystylus spp.</i>	Ramin		
Denmark*	1999	<i>Intsia spp.</i>	Merbau		
Denmark*	1999	<i>Koompassia malaccensis</i>	Kempas		
Denmark*	1999	<i>Lophira spp.</i>	Azobé		
Denmark*	1999	<i>Lovoa spp.</i>	Dibetou		
Denmark*	1999	<i>Mansonia altissima</i>	Mansonia		
Denmark*	1999	<i>Ochroma lagopus</i>	Balsa		
Denmark*	1999	<i>Phoebe porosa</i>	Imbuia		
Denmark*	1999	<i>Pycnanthus spp.</i>	Ilomba		
Denmark*	1999	<i>Shorea albida</i>	Alan		
Denmark*	1999	<i>Shorea spp.</i>	White Meranti		
Denmark*	1999	<i>Shorea spp.</i>	Yellow Meranti		
Denmark*	1999	<i>Tectona grandis</i>	Teak		
Denmark*	1999		Others	0 ^R	--
Finland*	1999	4408.31	(see accompanying notes)	0 ^R	--
Finland*	1999	4408.39		0 ^R	--
France*	1999	4408.31	(see accompanying notes)	0 ^{WR}	5073
France*	1999	4408.39.11-35		2 ^W	2026
France*	1999	4408.39.51-99		22 ^W	563
Luxembourg*	1999	<i>Shorea negrosensis</i>	Red Meranti		
Netherlands	1999		Others	12	1133
Portugal*	1999	4408.39.31	(see accompanying notes)	2	1233
Portugal*	1999	4408.39.81		0 ^R	598
Portugal*	1999	4408.39.89		0 ^R	1261
Japan	1999		Others	0 ^R	--
Japan	2000		Others	0 ^R	--
Norway	1999	4408.31.90	(see accompanying notes)	0 ^R	--
Norway	1999	4408.39.90		0 ^R	--
Norway	1999	4408.90.99		0 ^R	--

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
Norway	2000	4408.31.90	(see accompanying notes)	0 ^R	--
Norway	2000	4408.39.10		0 ^R	--
Norway	2000	4408.39.90		0 ^R	--
Norway	2000	4408.90.99		23	3
Rep. of Korea	2000	<i>Swietenia spp.</i>	Mahogany	0 ^R	--
Rep. of Korea	2000		Others	0 ^R	--

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	1999	<i>Entandrophragma cylindricum</i>	Sapelli	0 ^R	354
CAR	1999	<i>Triplochiton scleroxylon</i>	Ayous	0 ^R	260
CAR	2000	<i>Entandrophragma cylindricum</i>	Sapelli	0 ^R	324
CAR	2000	<i>Triplochiton scleroxylon</i>	Ayous	0 ^R	269
Congo, Rep.*	1999	<i>Aucoumea klaineana</i>	Okoumé		
Côte d'Ivoire	1999	<i>Ceiba pentandra</i>	Fromager	15	344
Côte d'Ivoire	1999	<i>Pycnanthus angolensis</i>	Ilomba	3	411
Côte d'Ivoire	1999		Others	4	352
Côte d'Ivoire	2000	<i>Bombax buonopozense</i>	Kapokier	10	330
Côte d'Ivoire	2000	<i>Ceiba pentandra</i>	Fromager	27	282
Côte d'Ivoire	2000	<i>Pycnanthus angolensis</i>	Ilomba	3	334
Côte d'Ivoire	2000		Others	0 ^R	317
Ghana	1999	<i>Antiaris africana</i>	Chenchen	5	306
Ghana	1999	<i>Ceiba pentandra</i>	Ceiba	19	285
Ghana	1999	<i>Celtis spp.</i>	Essa	0 ^R	479
Ghana	1999	<i>Terminalia superba</i>	Ofram	1	248
Ghana	1999	<i>Tieghemella spp.</i>	Makore	0 ^R	500
Ghana	1999		Others (7 species)	0 ^R	--
Ghana	2000	<i>Antiaris africana</i>	Chenchen	14	263
Ghana	2000	<i>Ceiba pentandra</i>	Ceiba	30	253
Ghana	2000	<i>Celtis spp.</i>	Essa	1	309
Ghana	2000	<i>Terminalia superba</i>	Ofram	2	223
Ghana	2000	<i>Tieghemella spp.</i>	Makore	0 ^R	379
Ghana	2000		Others (7 species)	0 ^R	236
Myanmar	1999	<i>Tectona grandis</i>	Teak	2	291
Myanmar	2000	<i>Tectona grandis</i>	Teak	13	178
Philippines	1999	<i>Dipterocarpus spp.</i>	Apitong	0 ^R	--
Philippines	1999	<i>Shorea spp.</i>	Lauan]	0 ^R
Philippines	1999	<i>Shorea spp.</i>	Tangile		
Philippines	2000	<i>Shorea spp.</i>	Lauan]	0 ^R
Philippines	2000	<i>Shorea spp.</i>	Tangile		
Thailand	1999		Others	4	527
Thailand	2000		Others	6	525

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
Brazil	2000	4412.14.00	(see accompanying notes)	314 ^W	341
Brazil	2000	4412.22.00		10 ^W	574
Brazil	2000	4412.29.00		30 ^W	309
Guyana	1999	<i>Catostemma spp.</i>	Baromalli	76	283
Guyana	2000	<i>Catostemma spp.</i>	Baromalli	87	271
Honduras	2000	<i>Swietenia macrophylla</i>	Mahogany		
Panama	1999	<i>Bombacopsis quinata</i>	Saqui-saqui	0 ^R	897
Panama	1999	<i>Dalbergia retusa</i>	Cocobolo		
Panama	1999	<i>Hieronyma alchorneoides</i>	Pilon		
Panama	1999	<i>Myroxylon balsamun</i>	Balsamo		
Panama	1999	<i>Tabebuia pentaphylla</i>	Apamate		
Panama	2000	<i>Bombacopsis quinata</i>	Saqui-saqui	0 ^R	696
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	1999	<i>Cedrela spp.</i>	Cedro	0 ^R	--
Peru	1999	<i>Chorisia spp.</i>	Lupuna		
Peru	1999	<i>Copaifera spp.</i>	Copaiba		
Peru	1999	<i>Maquira spp.</i>	Capinuri		
Peru	1999	<i>Virola spp.</i>	Cumala		
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		
Trinidad & Tobago	2000		Others	0 ^R	1316
EU					
Denmark*	1999	<i>Aucoumea klaineana</i>	Okoumé	0 ^R	--
Denmark*	1999	<i>Dialianthera spp.</i>	Virola	0 ^R	1290
Denmark*	1999	<i>Entandrophragma cylindricum</i>	Sapelli		
Denmark*	1999	<i>Entandrophragma utile</i>	Sipo		
Denmark*	1999	<i>Khaya spp.</i>	Acajou d'Afrique		
Denmark*	1999	<i>Parashorea spp., Pentacme spp.</i>	White Lauan		
Denmark*	1999	<i>Shorea spp.</i>	Meranti		
Denmark*	1999	<i>Swietenia spp.</i>	Mahogany		
Denmark*	1999	<i>Terminalia superba</i>	Limba		
Denmark*	1999	<i>Triplochiton scleroxylon</i>	Obeche		
Denmark*	1999		Others	0 ^R	516
Finland*	1999	4412.13	(see accompanying notes)	0 ^R	807
Finland*	1999	4412.22		0 ^R	764
France*	1999	4412.13.11	(see accompanying notes)	113 ^W	1003
France*	1999	4412.13.19		2 ^W	539
France*	1999	4412.13.90		10 ^W	953
France*	1999		Others	0 ^{WR}	681
Luxembourg*	1999	<i>Aucoumea klaineana</i>	Okoumé		
Luxembourg*	1999	<i>Entandrophragma utile</i>	Sipo		

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
Luxembourg*	1999	<i>Mimusops djave</i>	Moabi		
Luxembourg*	1999	<i>Pinus radiata</i>	Radiata Pine		
Luxembourg*	1999	<i>Shorea spp.</i>	Meranti		
Luxembourg*	1999		Others		
Netherlands	1999	<i>Aucoumea klaineana</i>	Okoumé	3	798
Netherlands	1999		Others	27	534
Portugal*	1999	4412.13.19	(see accompanying notes)	0 ^R	1651
Portugal*	1999	4412.13.90		0 ^R	672
Japan	1999		Others	1	1871
Japan	2000		Others	1	1858
Norway	1999	4412.13.01	(see accompanying notes)	1	995
Norway	1999	4412.13.09		0 ^I	--
Norway	1999	4412.22.00		0 ^R	--
Norway	1999	4412.29.00		0 ^R	--
Norway	2000	4412.13.01	(see accompanying notes)	1	736
Norway	2000	4412.13.09		0 ^I	--
Norway	2000	4412.22.00		0 ^R	--
Norway	2000	4412.29.00		0 ^R	--

Appendix 4

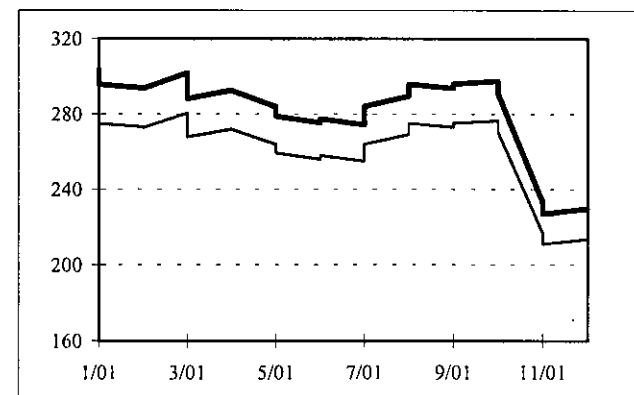
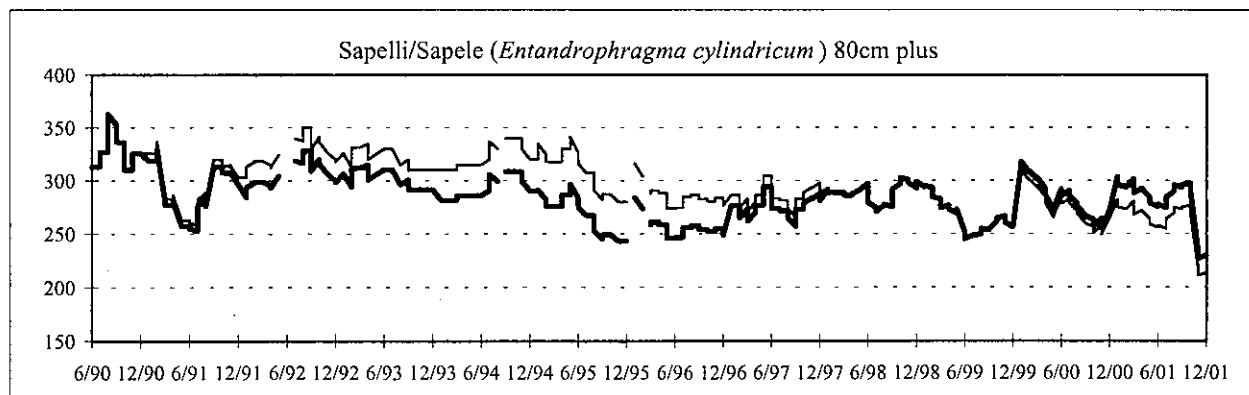
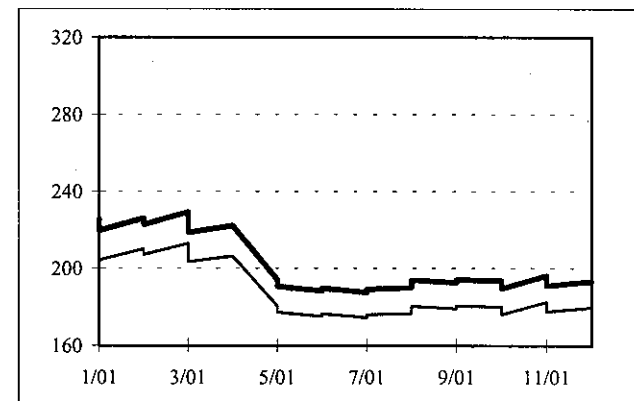
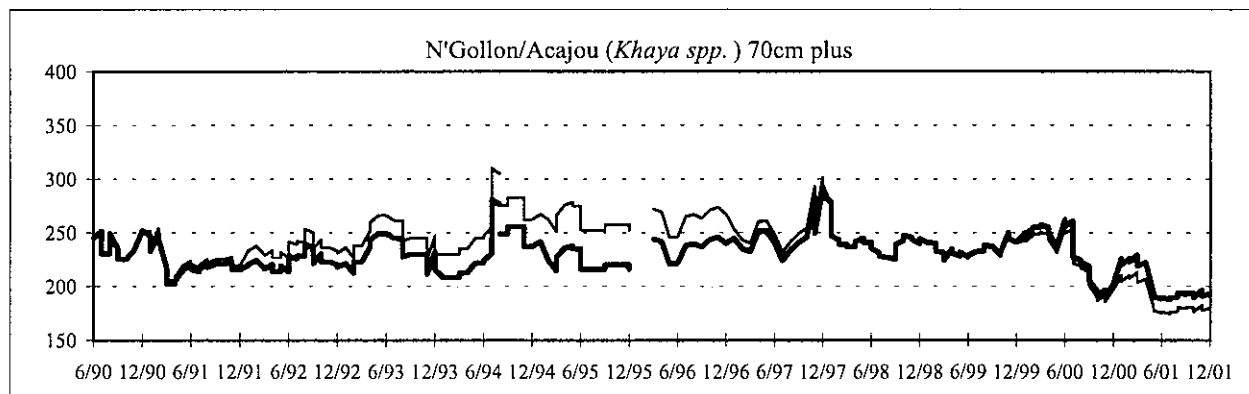
Prices of Major Tropical Timber and Selected Competing Softwood Products

4-1. Logs	151
4-2. Sawnwood	155
4-3. Plywood	158
4-4. Secondary Processed Wood Products	162

4-1-a. Price of African Logs, 1990-2001

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).

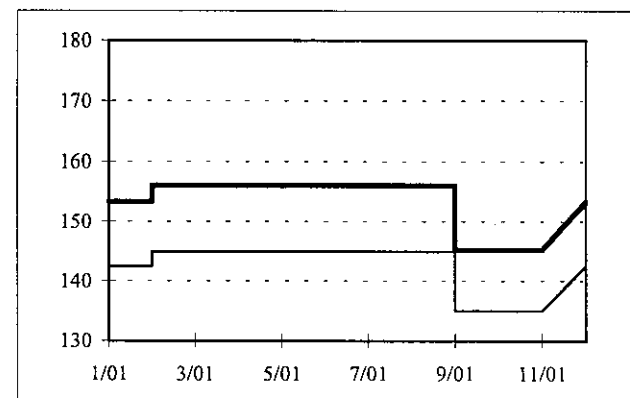
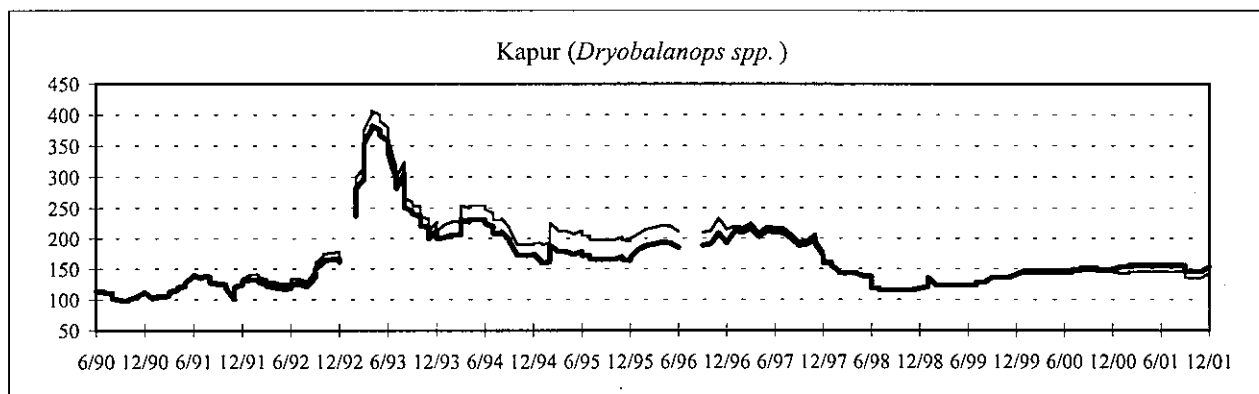
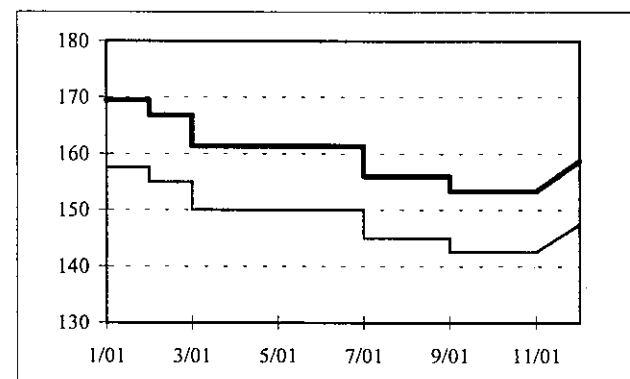
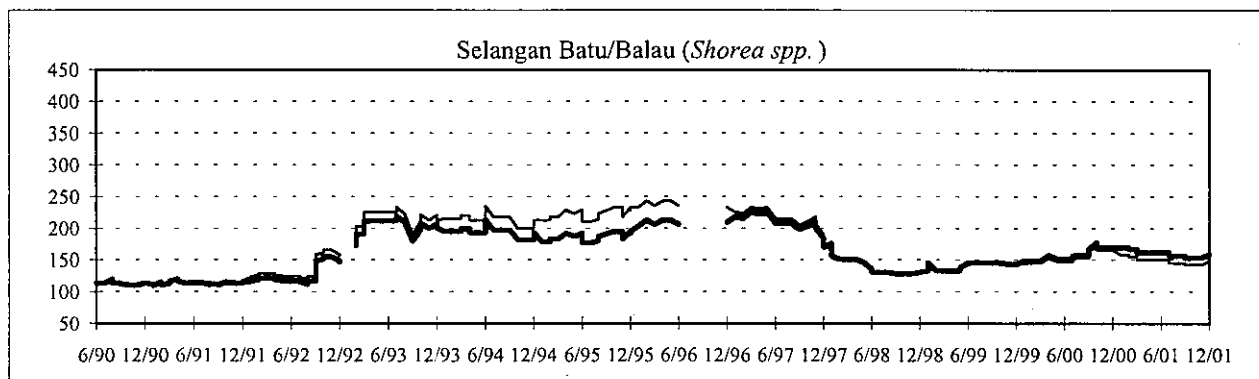
Normal lines show nominal FOB price trends. Graphs on this page show major log export species from Cameroon. Grades are Loyal et Marchand or equivalent.



4-1-b. Price of Asian Logs, 1990-2001

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).

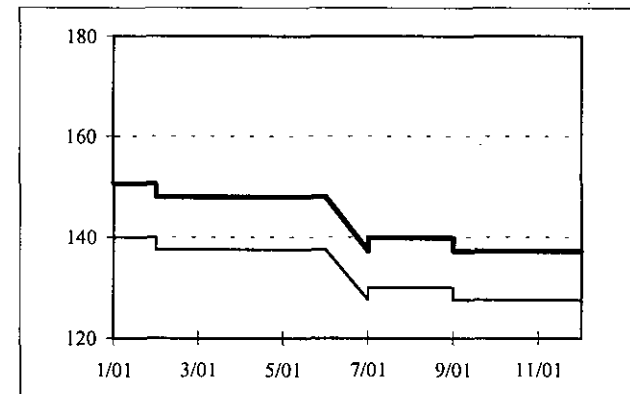
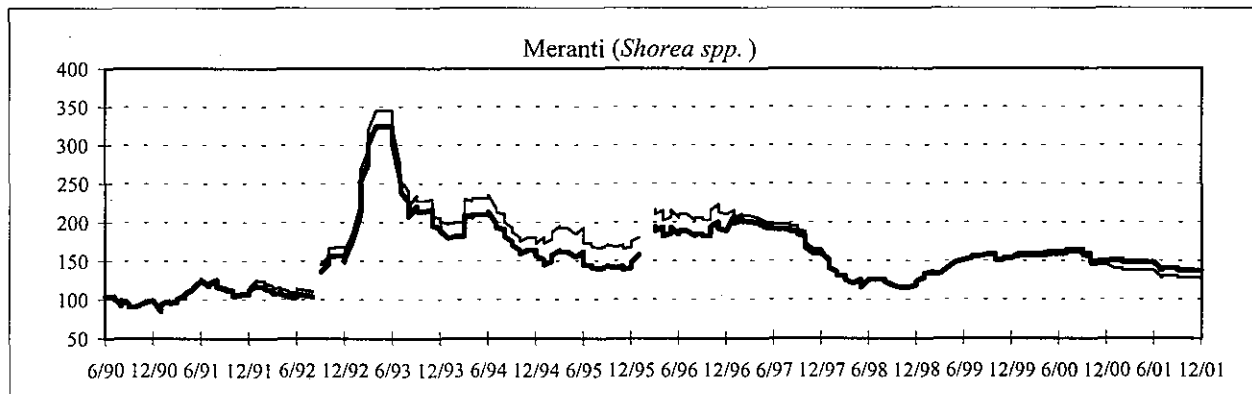
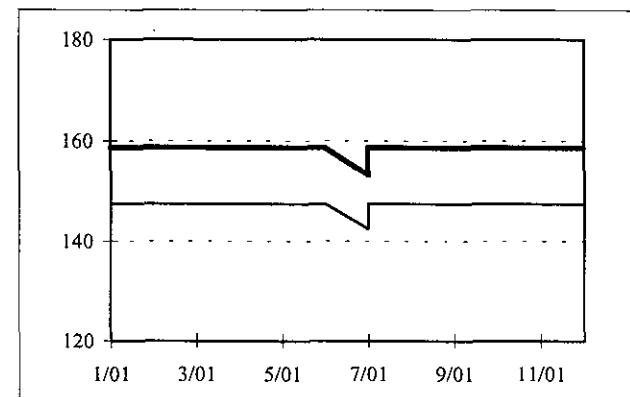
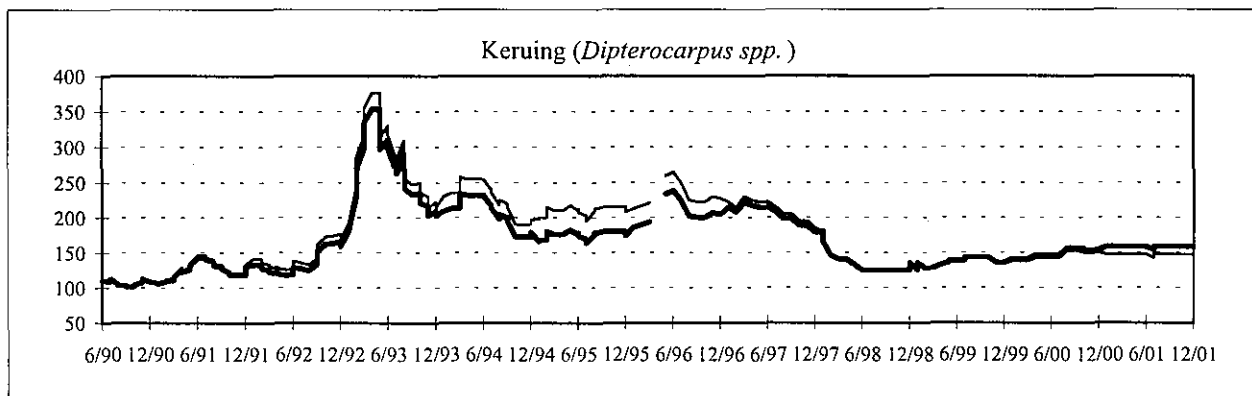
Normal lines show nominal FOB price trends. Graphs on this page show major log export species from Malaysia. Grades are Sawmill Quality and up.



4-1-b. Price of Asian Logs (cont.), 1990-2001

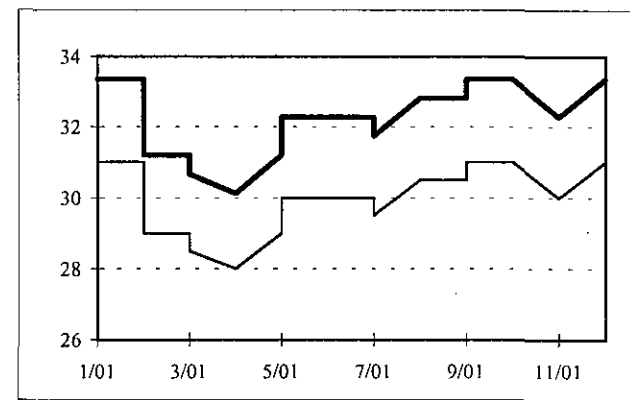
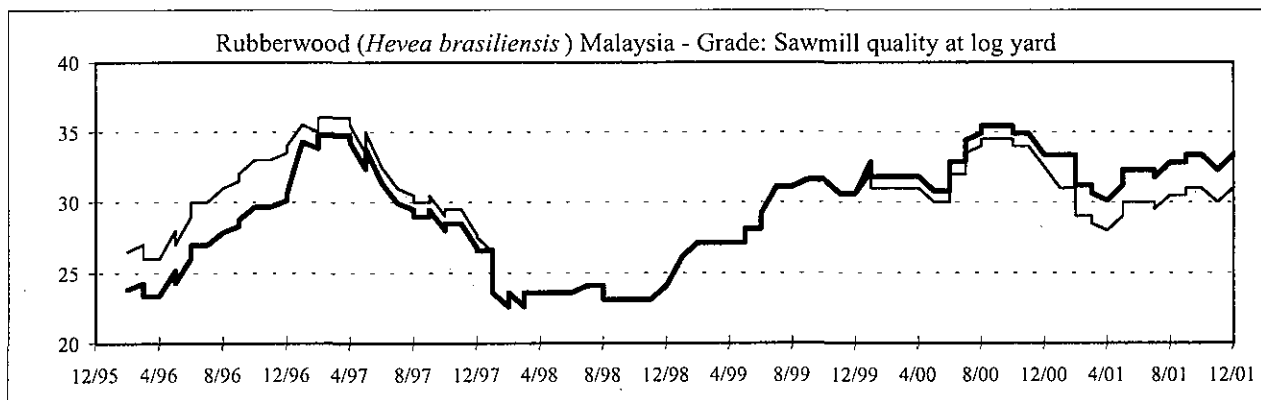
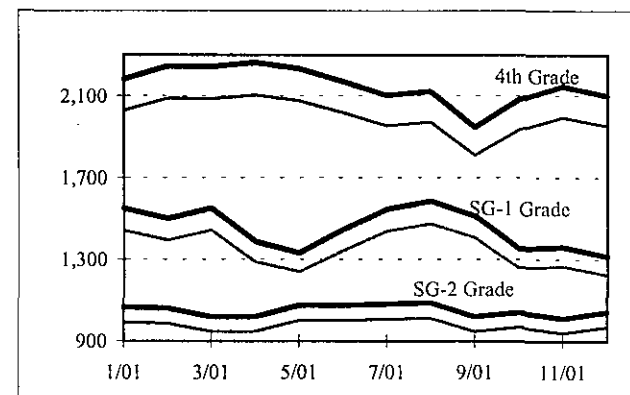
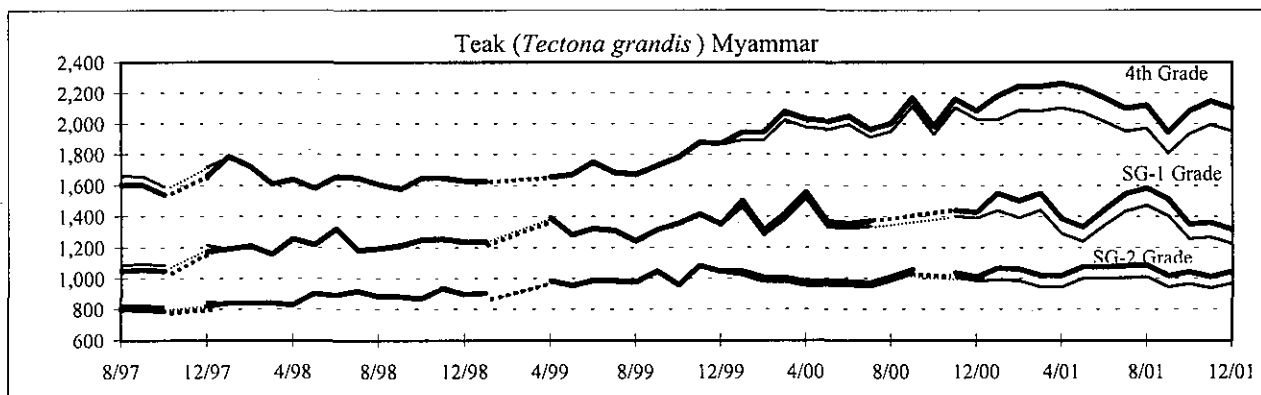
Bold lines show FOB prices in constant 1990 US\$ per cubic meter (deflated by the G-5 MUV Index used by the World Bank for deriving real commodity prices).

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 Asian Logs (cont.), 1996/97-2001

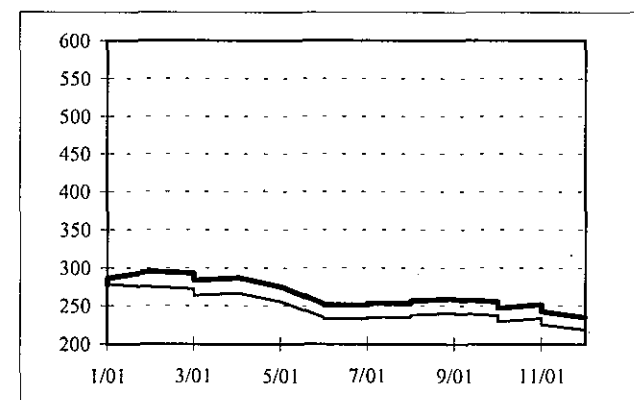
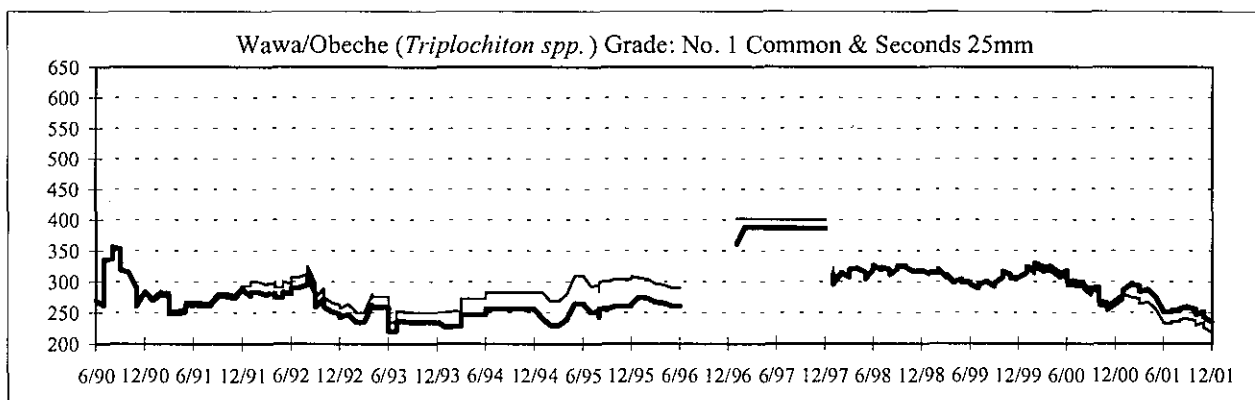
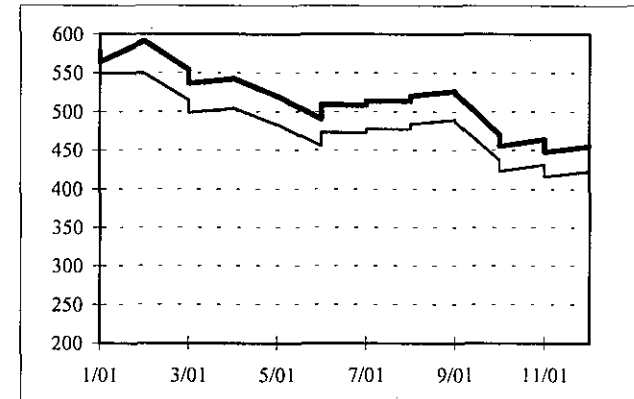
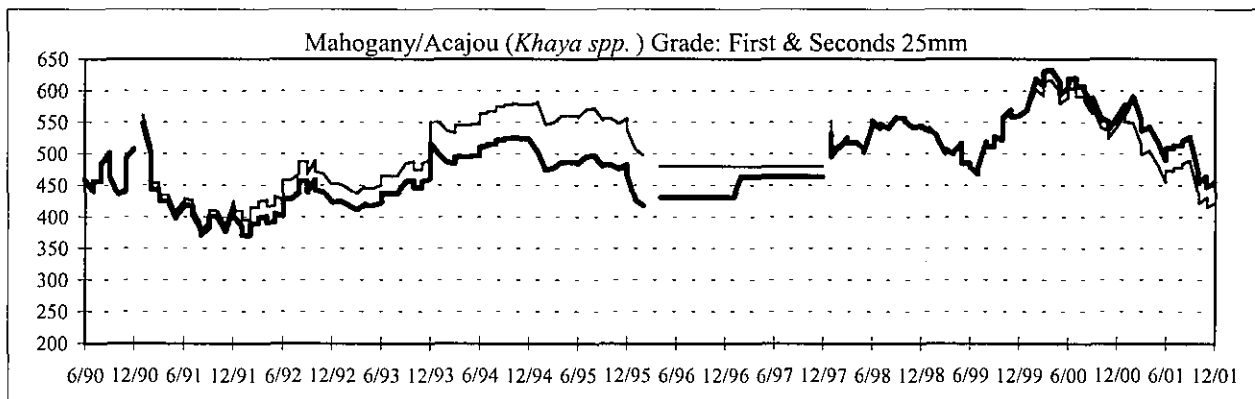
Bold lines show FOB prices for Teak and domestic prices for Rubberwood in constant 1990 US\$ per cubic meter (deflated by the G-5 MUV Index used by the World Bank for deriving real commodity prices). Normal lines show nominal FOB and domestic prices trends for these species, respectively.



4-2-a. Price of Ghanaian Sawnwood, 1990-2001

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).

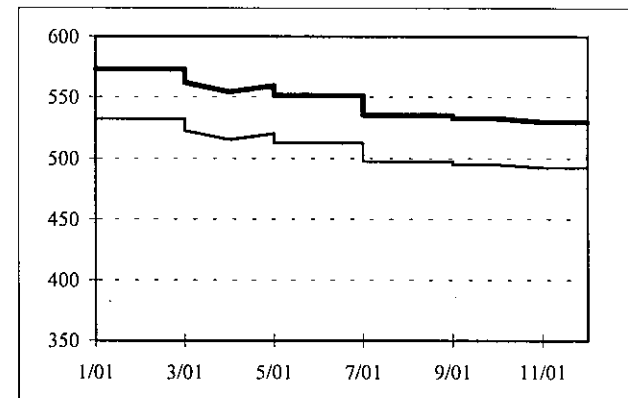
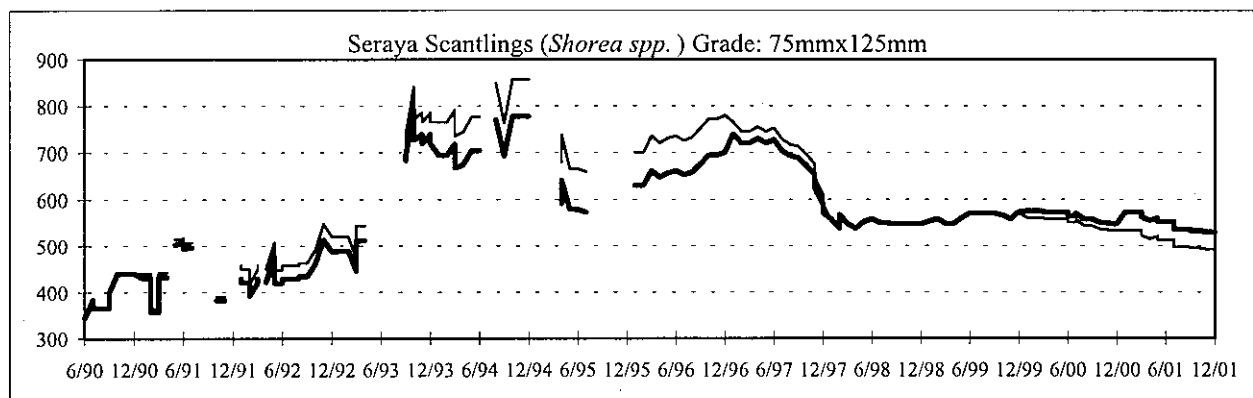
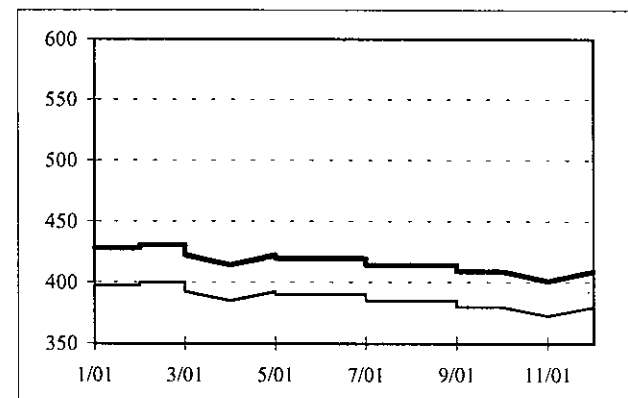
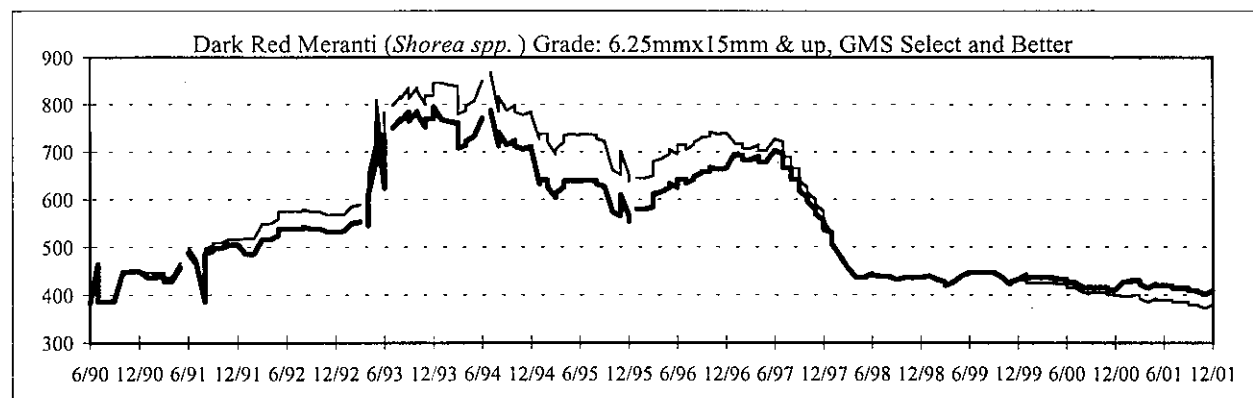
Normal lines show nominal FOB price trends.



4-2-b. Price of Malaysian Sawwood, 1990-2001

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).

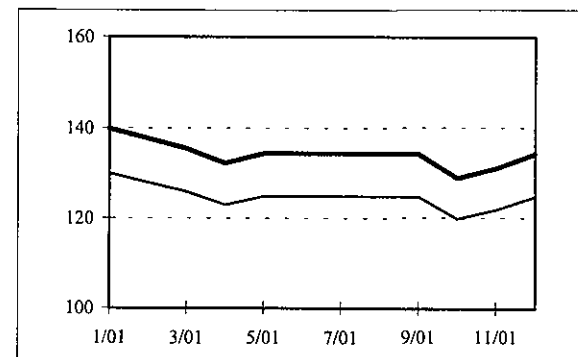
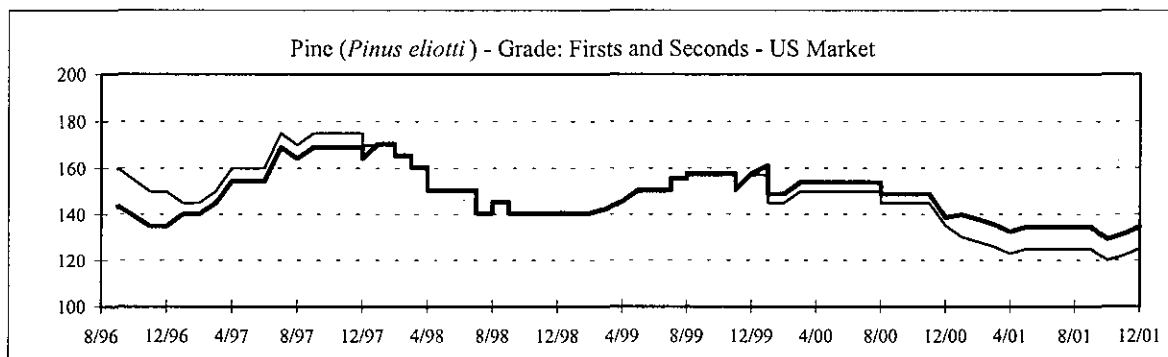
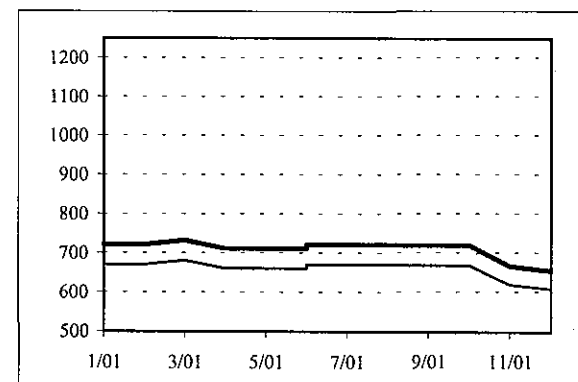
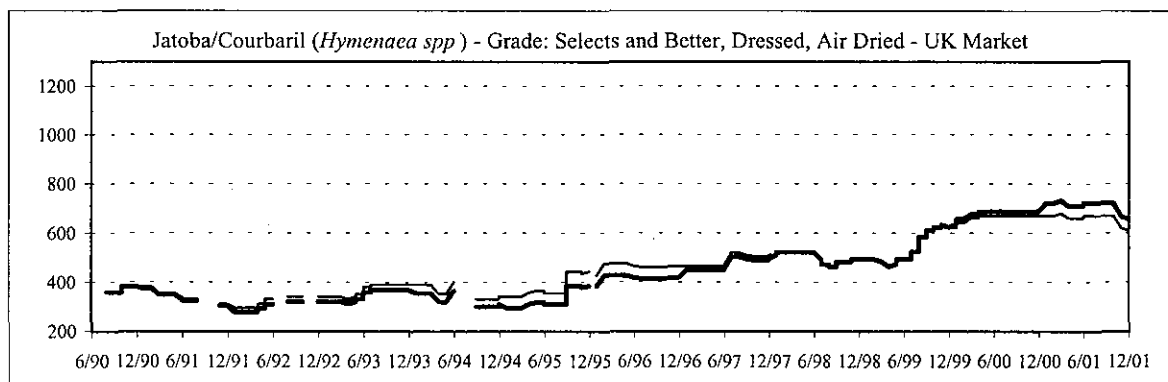
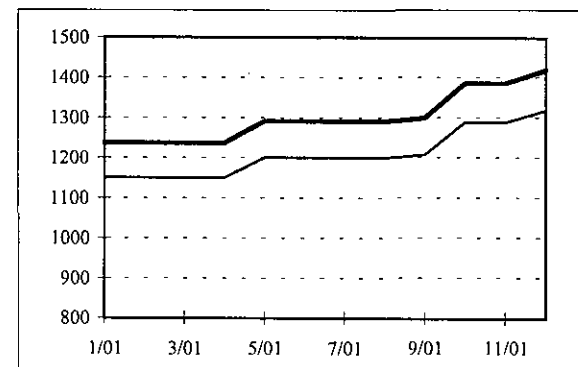
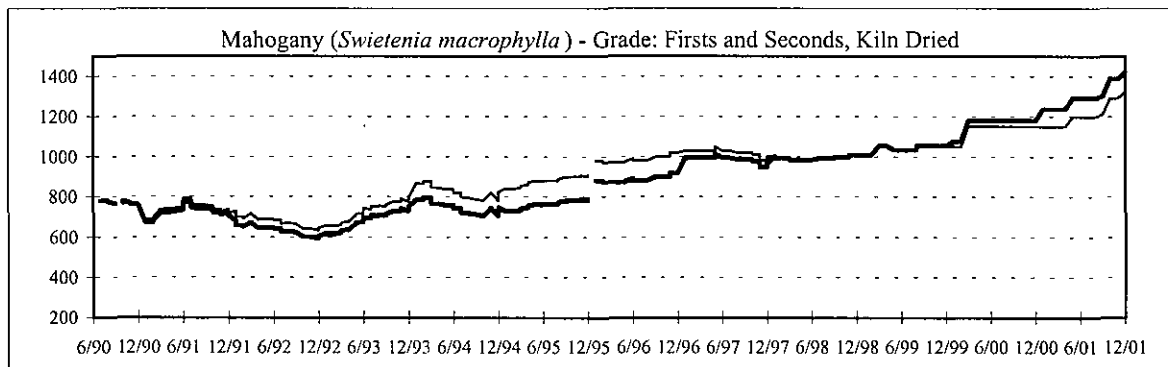
Normal lines show nominal FOB price trends. Grades are Kiln Dried.



4-2-c. Price of Brazilian Sawwood, 1990-2001

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).

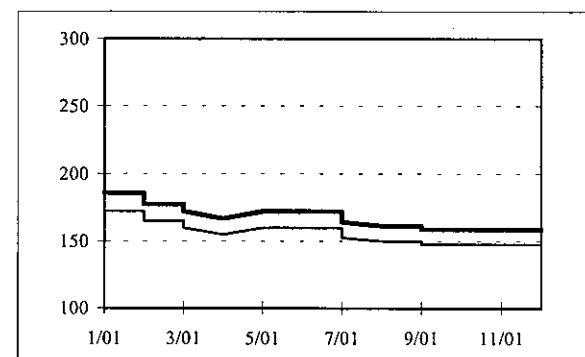
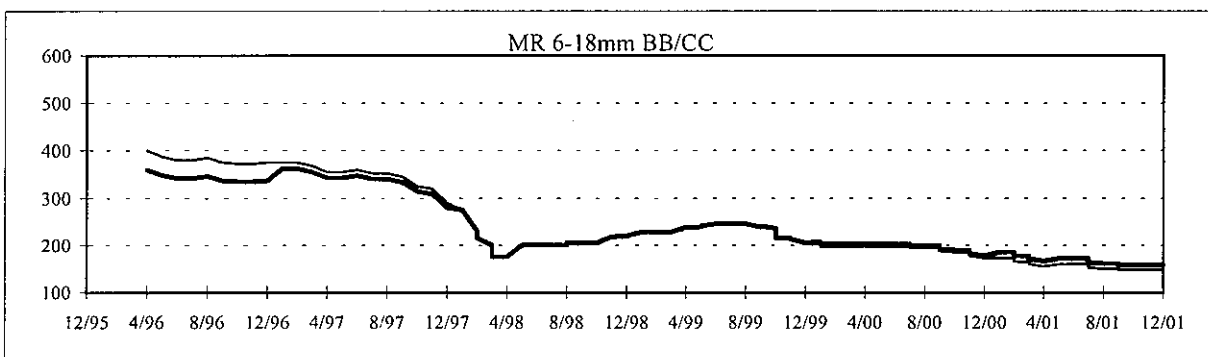
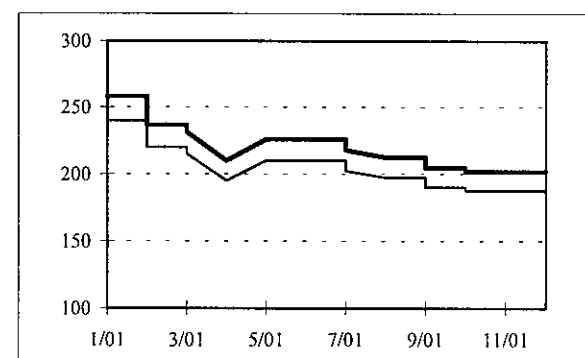
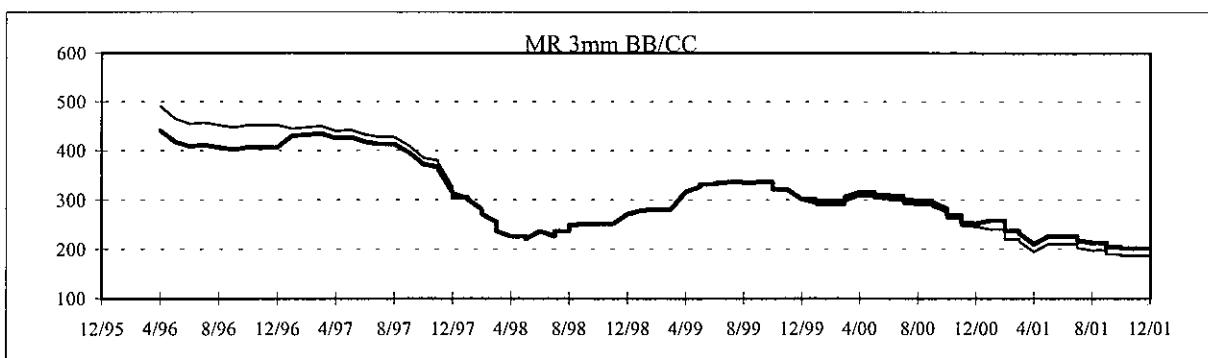
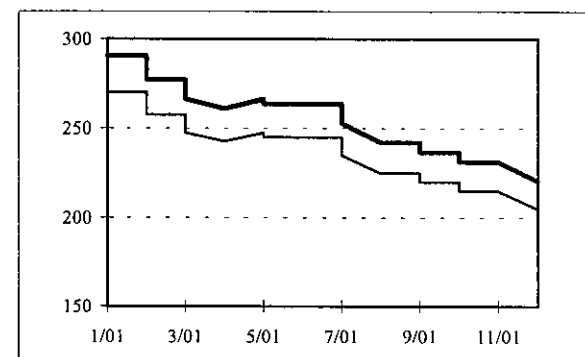
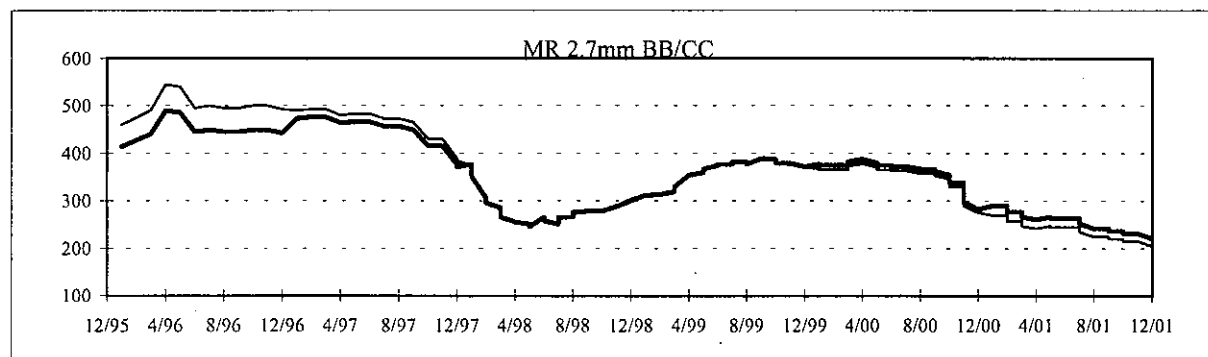
Normal lines show nominal FOB price trends.



4-3-a. Price of Indonesian Plywood Exports, 1996-2001

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).

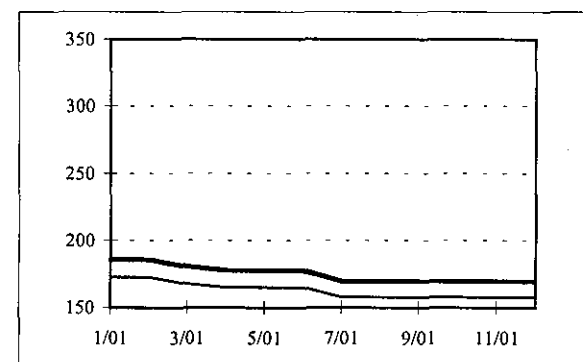
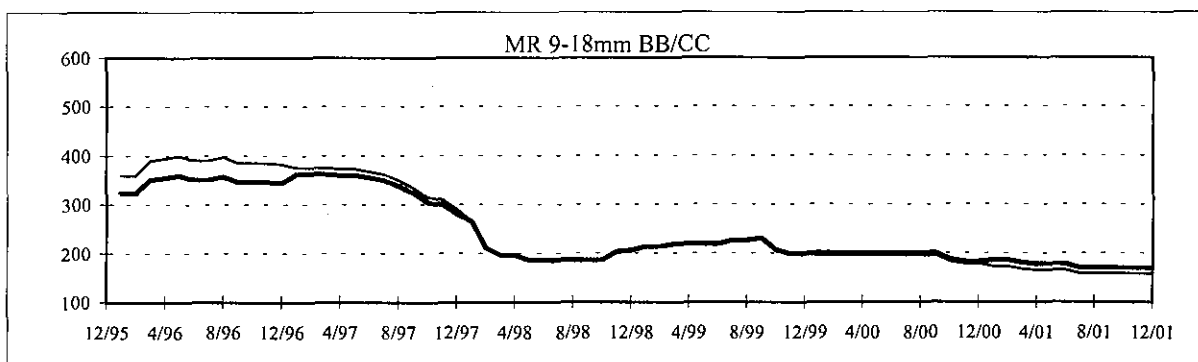
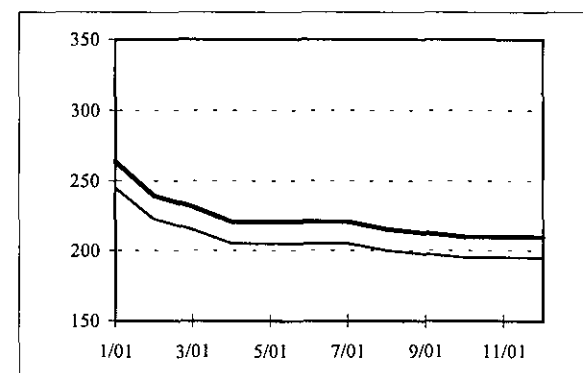
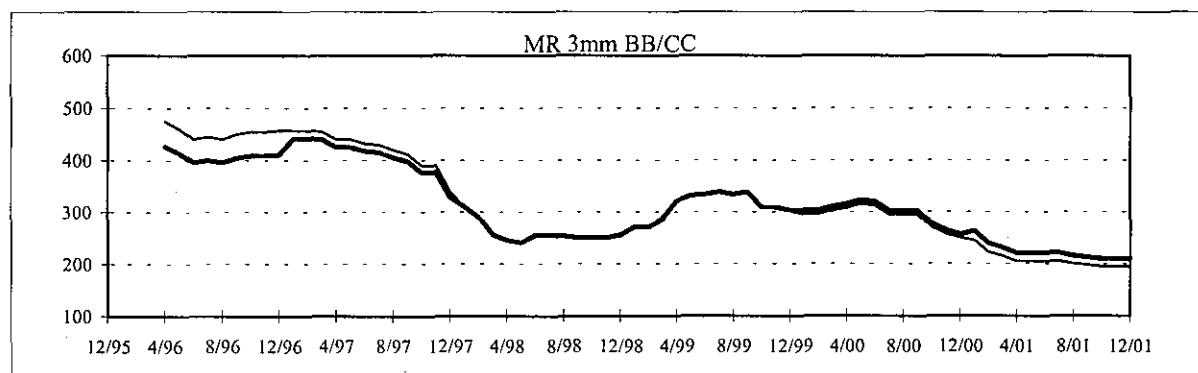
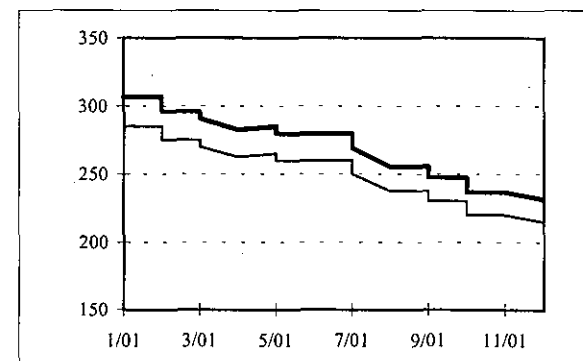
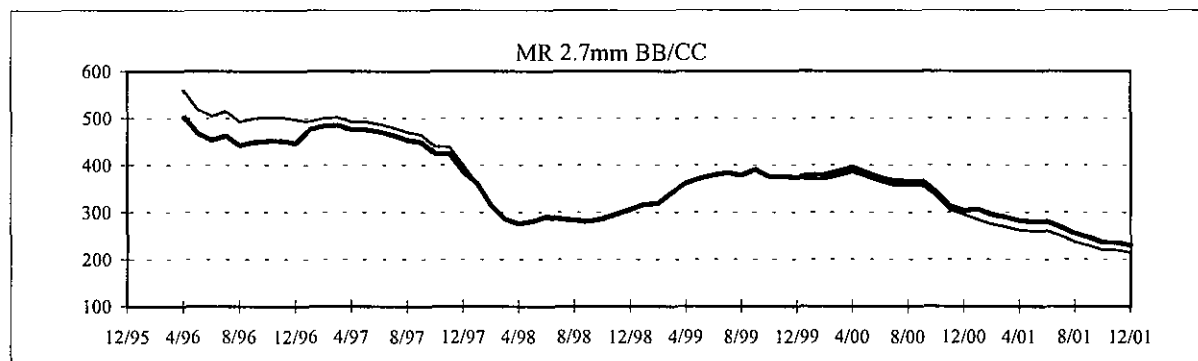
Normal lines show nominal FOB price trends.



4-3-b. Price of Malaysian Plywood Exports, 1996-2001

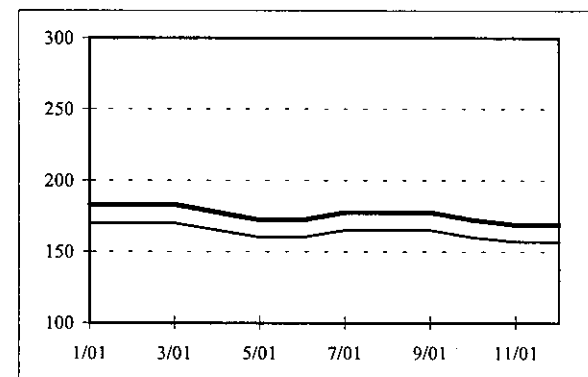
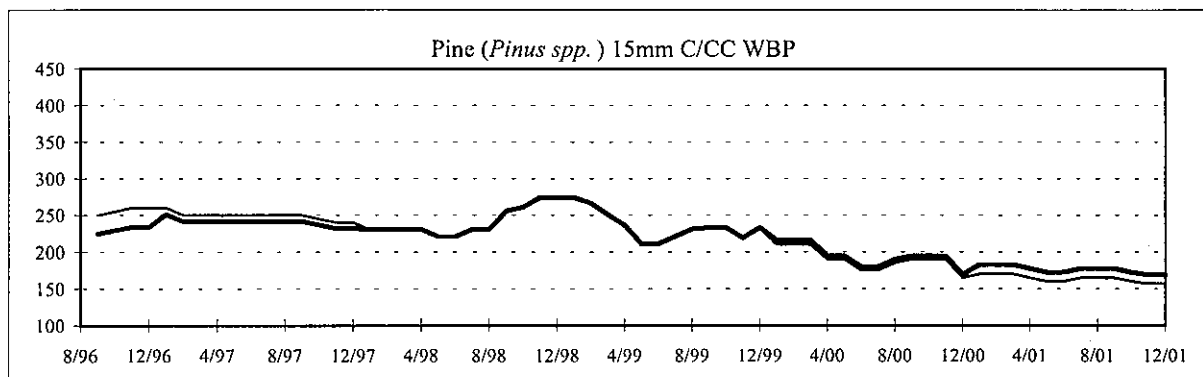
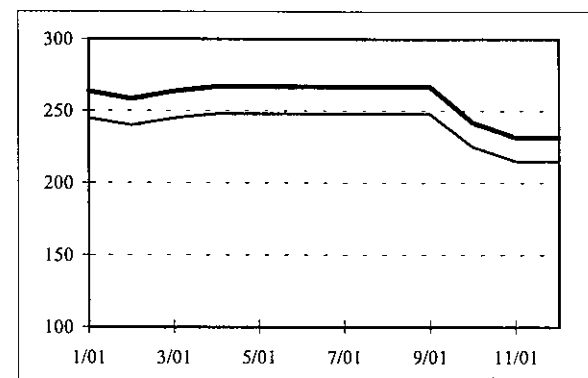
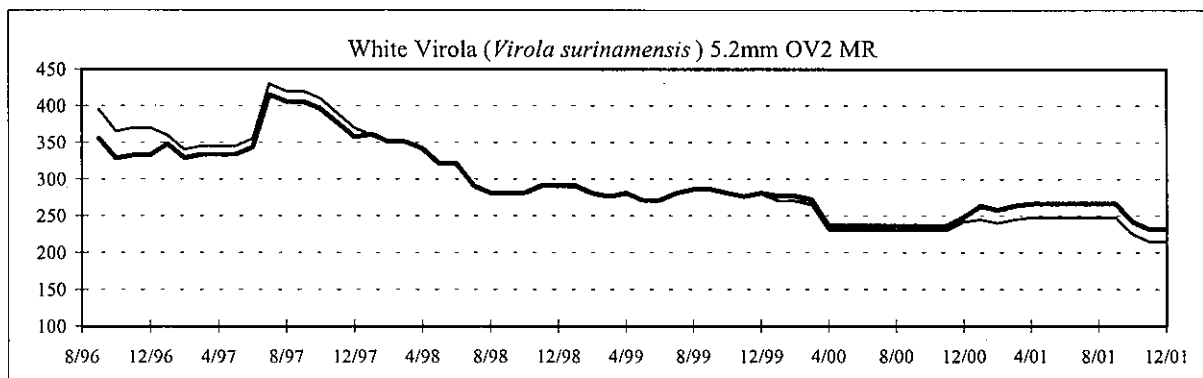
Bold lines show FOB prices in constant 1990 US\$ per cubic meter (deflated by the G-5 MUV Index used by the World Bank for deriving real commodity prices).

Normal lines show nominal FOB price trends.



4-3-c. Price of Brazilian Plywood Exports, 1996-2001

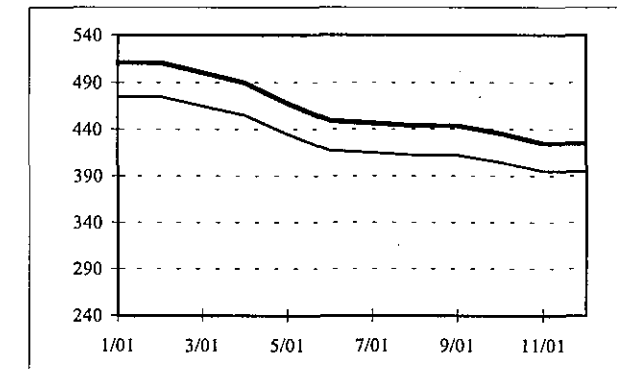
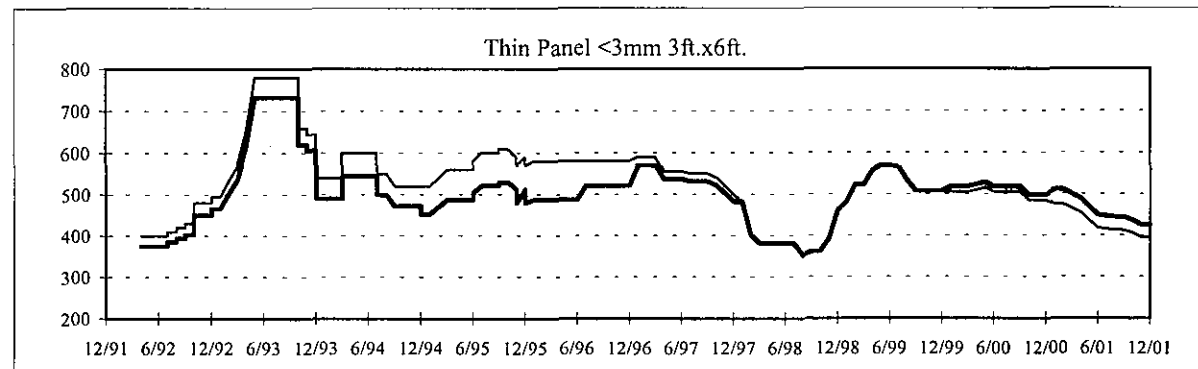
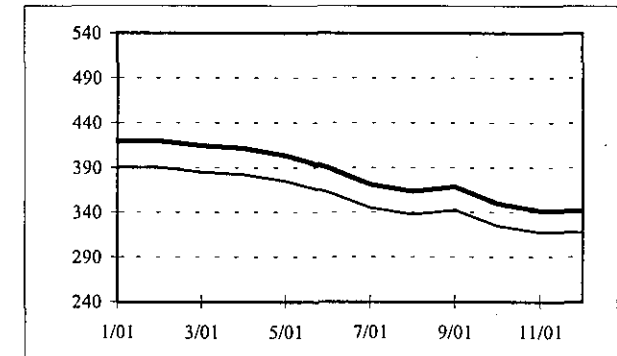
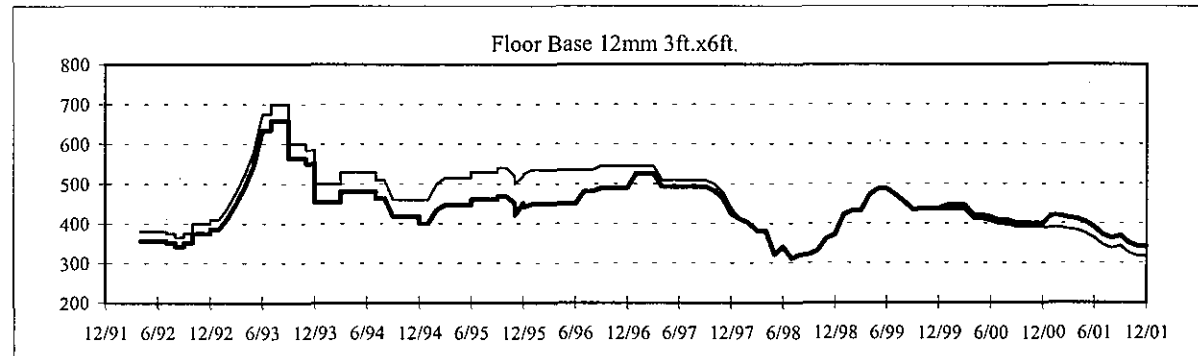
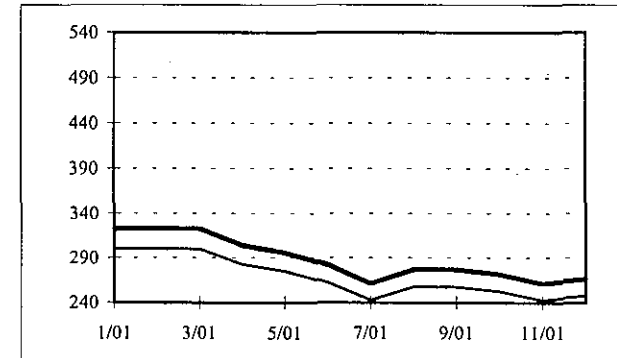
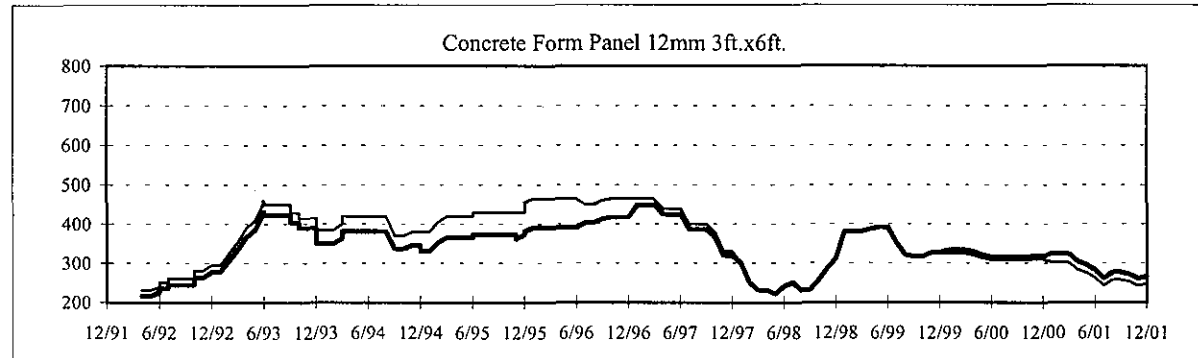
Bold lines show FOB prices in constant 1990 US\$ per cubic meter (deflated by the G-5 MUV Index used by the World Bank for deriving real commodity prices).
Normal lines show nominal FOB price trends.



4-3-d. Price of Japanese Plywood Imports, 1992-2001

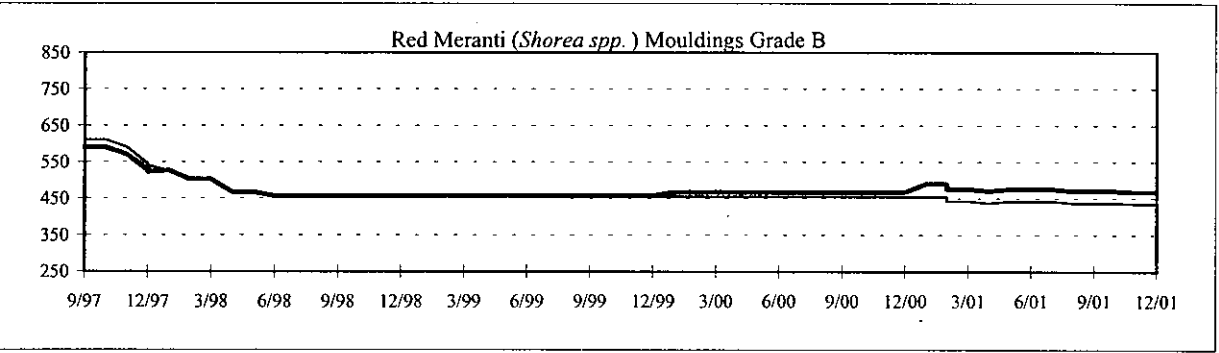
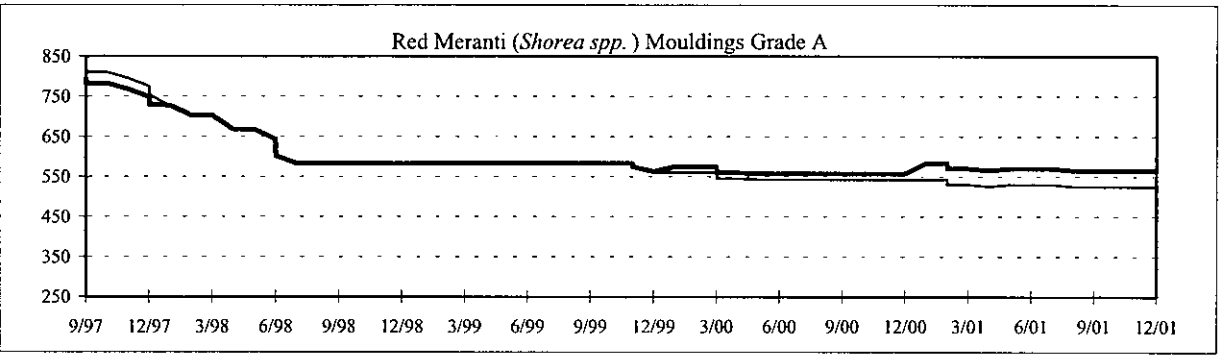
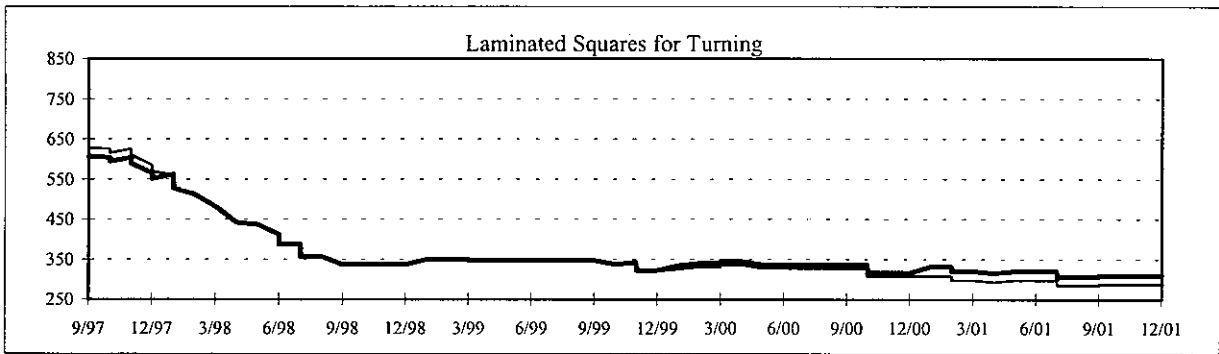
Bold lines show prices in constant 1990 US\$ per cubic meter (deflated by the G-5 MUV Index used by the World Bank for deriving real commodity prices).

Normal lines show nominal price trends. All prices are C&F to Japan from Indonesia. Grades for all products are B/BB Moisture Resistant.



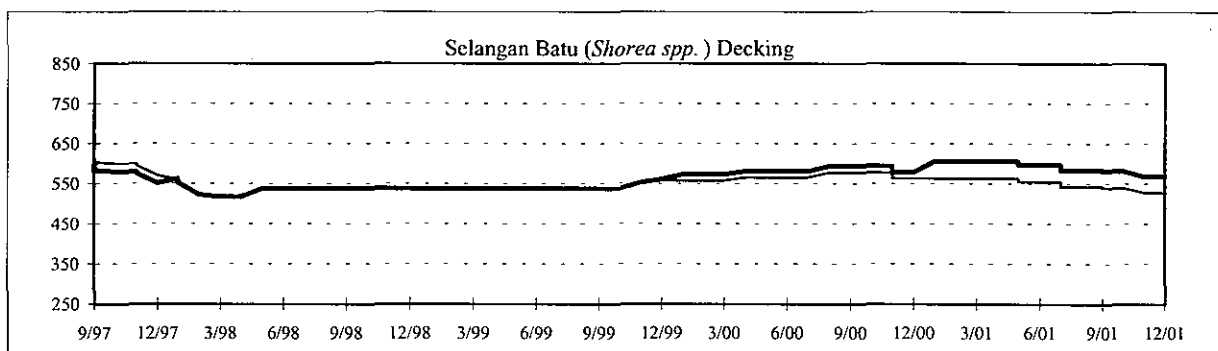
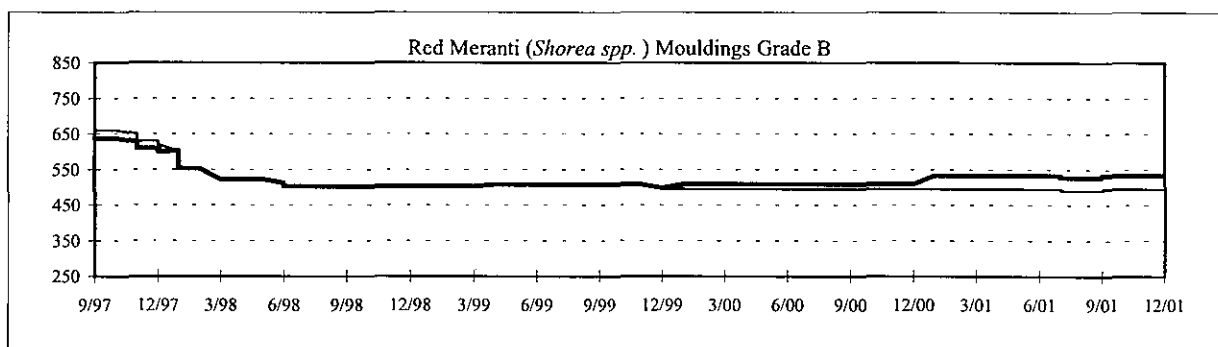
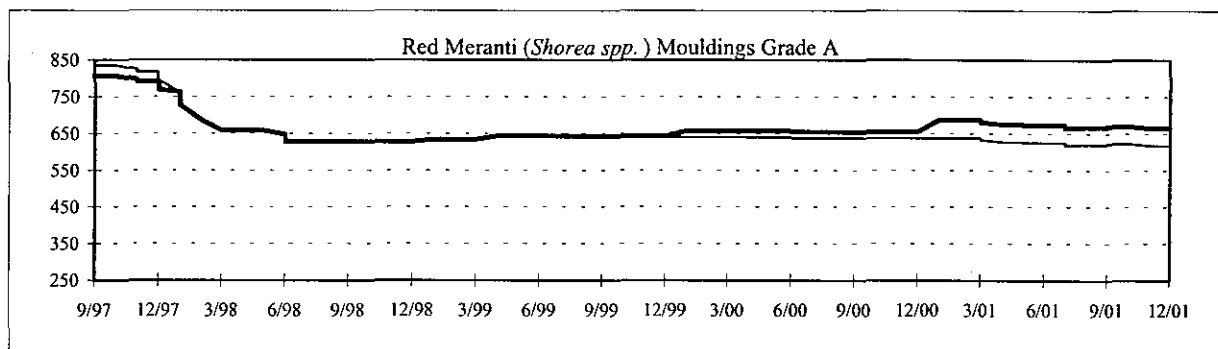
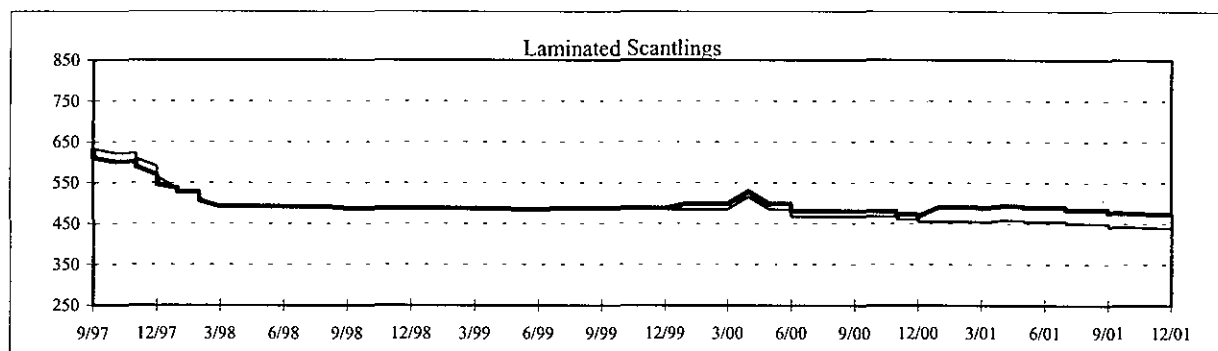
4-4-a. Price of Secondary Processed Sawwood Products from Indonesia, 1997-2001

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.



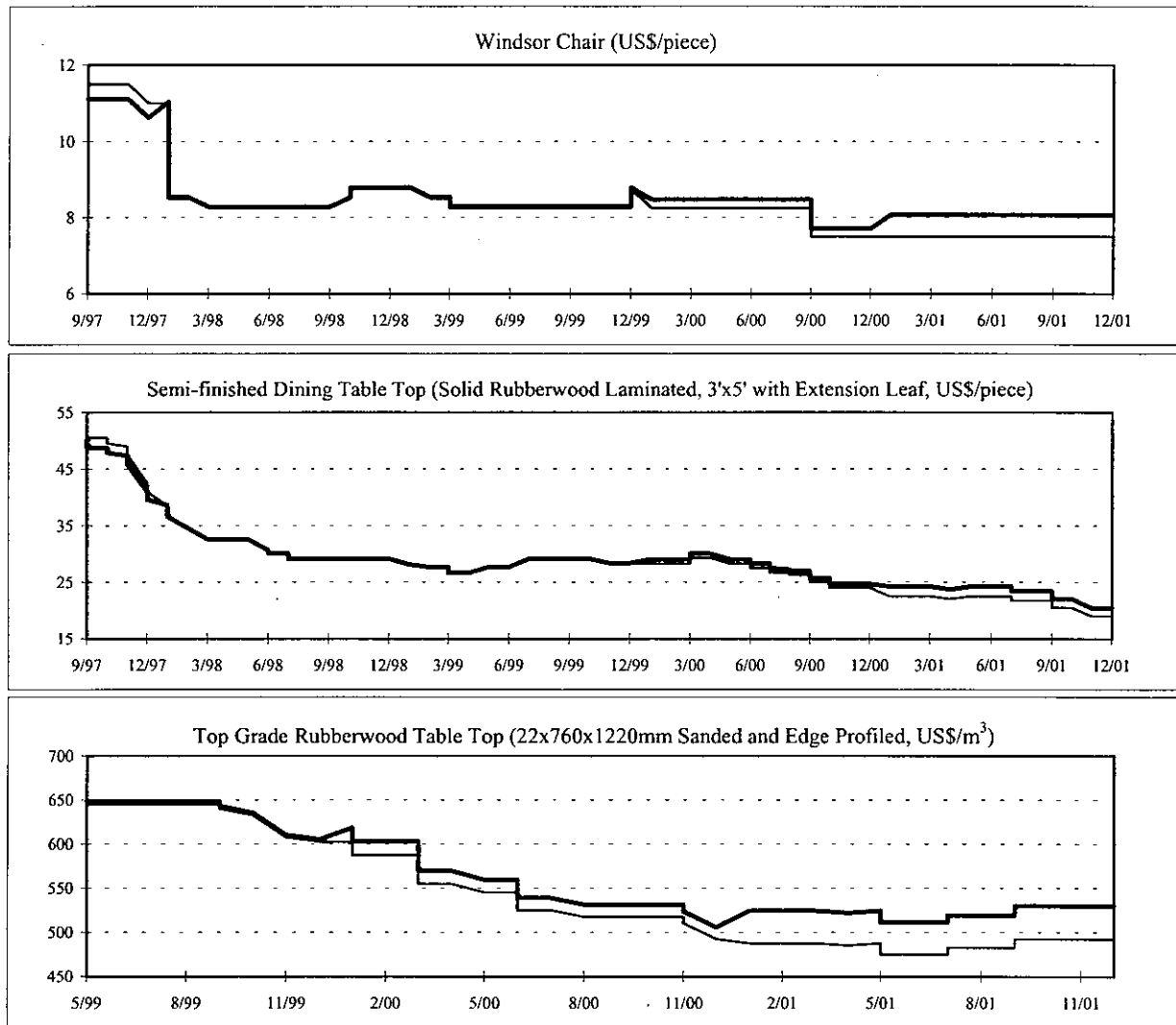
4-4-b. Price of Secondary Processed Sawnwood Products from Malaysia, 1997-2001

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, 1997-2001

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, 1996-2000

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Table 5-1. Major Importers of Secondary Processed Wood Products [1000 US\$; (% share)]

Importer	From	1996	1997	1998	1999	2000
European Union	World	16,113,617	15,609,759	16,796,289	17,723,302	15,152,614
	ITTO Prod.	1,405,990 (9)	1,607,481 (10)	1,646,230 (10)	1,824,503 (10)	1,741,820 (11)
	ITTO Cons.	11,409,811 (71)	10,601,801 (68)	11,416,830 (68)	11,803,808 (67)	9,429,984 (62)
Germany	World	5,696,010	5,128,900	5,367,463	5,053,329	4,548,300
	ITTO Prod.	360,767 (6)	361,151 (7)	332,952 (6)	337,764 (7)	362,954 (8)
	ITTO Cons.	3,451,871 (61)	2,943,295 (57)	3,061,783 (57)	2,687,348 (53)	2,120,292 (47)
United Kingdom	World	1,655,780	1,925,148	2,182,409	2,611,569	2,572,720
	ITTO Prod.	306,090 (18)	349,248 (18)	371,034 (17)	423,159 (16)	498,639 (19)
	ITTO Cons.	1,072,448 (65)	1,256,318 (65)	1,468,621 (67)	1,729,668 (66)	1,646,179 (64)
France+	World	2,330,985	2,169,914	2,360,150	2,519,764	2,567,696
	ITTO Prod.	202,994 (9)	241,981 (11)	229,126 (10)	269,917 (11)	322,794 (13)
	ITTO Cons.	1,866,709 (80)	1,640,085 (76)	1,828,880 (77)	1,887,805 (75)	1,850,108 (72)
Belgium/Lux.	World	1,382,757	1,354,491	1,450,524	1,528,937	1,439,407
	ITTO Prod.	70,365 (5)	113,853 (8)	130,527 (9)	155,991 (10)	157,086 (11)
	ITTO Cons.	1,217,721 (88)	1,119,553 (83)	1,169,588 (81)	1,224,910 (80)	1,117,301 (78)
Netherlands	World	1,452,667	1,338,399	1,311,339	1,457,396	1,812,289
	ITTO Prod.	232,364 (16)	279,143 (21)	266,974 (20)	254,630 (17)	184,042 (10)
	ITTO Cons.	1,047,827 (72)	877,598 (66)	832,735 (64)	980,627 (67)	1,531,116 (84)
Austria	World	1,286,617	1,142,329	1,125,622	1,146,731	999,647
	ITTO Prod.	18,001 (1)	17,605 (2)	15,225 (1)	14,014 (1)	15,267 (2)
	ITTO Cons.	1,048,933 (82)	907,798 (79)	889,958 (79)	901,762 (79)	752,811 (75)
USA	World	6,508,791	7,766,152	9,303,238	11,489,334	12,256,313
	ITTO Prod.	1,402,216 (22)	1,530,349 (20)	1,695,693 (18)	2,106,031 (18)	2,103,486 (17)
	ITTO Cons.	3,873,471 (60)	4,863,467 (63)	6,106,423 (66)	7,774,129 (68)	8,578,807 (70)
Japan	World	2,749,751	2,588,729	1,963,507	2,223,550	2,713,214
	ITTO Prod.	915,878 (33)	840,879 (32)	645,302 (33)	784,467 (35)	924,046 (34)
	ITTO Cons.	1,488,146 (54)	1,442,164 (56)	1,095,930 (56)	1,199,417 (54)	1,493,255 (55)
Switzerland	World	1,430,721	1,199,363	1,304,215	1,324,962	1,237,864
	ITTO Prod.	12,577 (1)	13,043 (1)	14,576 (1)	17,664 (1)	16,325 (1)
	ITTO Cons.	1,356,076 (95)	1,121,977 (94)	1,206,358 (92)	1,219,339 (92)	1,122,348 (91)
China+	World	999,567	1,167,316	1,109,351	1,213,642	753,667
	ITTO Prod.	62,663 (6)	65,821 (6)	83,128 (7)	76,010 (6)	77,630 (10)
	ITTO Cons.	887,652 (89)	1,050,121 (90)	991,859 (89)	1,107,162 (91)	658,564 (87)
ITTO Consumers	World	29,820,234	30,600,025	32,605,571	36,269,818	35,283,586
	ITTO Prod.	4,154,727 (14)	4,455,710 (15)	4,407,709 (14)	5,202,705 (14)	5,245,483 (15)
	ITTO Cons.	20,534,217 (69)	20,791,185 (68)	22,478,969 (69)	24,824,831 (68)	23,875,791 (68)

+ China includes Republic of China plus Hong Kong and Macao Special Administrative Regions - see text for breakdown. France includes Monaco.

Table 5-2. Types of SPWP Imported by Major Importers, 1999 [1000 US\$; (% share)]

Importer	From	Wooden Furniture and Parts	Builder's Woodwork	Other SPWP	Cane and Bamboo Furniture and Parts
European Union	World	11,289,588	2,869,822	3,091,500	472,393
	ITTO Prod.	991,824 (9)	335,120 (12)	258,776 (8)	238,783 (51)
	ITTO Cons.	7,744,318 (69)	1,944,846 (68)	1,922,578 (62)	192,066 (41)
Germany	World	3,075,690	1,011,157	871,067	95,415
	ITTO Prod.	136,293 (4)	91,970 (9)	60,065 (7)	49,436 (52)
	ITTO Cons.	1,721,676 (56)	583,653 (58)	345,052 (40)	36,966 (39)
United Kingdom	World	1,632,383	423,117	485,950	70,120
	ITTO Prod.	248,241 (15)	89,898 (21)	50,879 (10)	34,142 (49)
	ITTO Cons.	1,055,967 (65)	273,179 (65)	373,531 (77)	26,991 (38)
France+	World	1,817,157	185,234	436,514	80,859
	ITTO Prod.	178,940 (10)	26,373 (14)	37,587 (9)	27,018 (33)
	ITTO Cons.	1,384,493 (76)	142,498 (77)	316,452 (72)	44,361 (55)
Belgium	World	1,046,102	188,711	252,364	41,760
	ITTO Prod.	89,650 (9)	21,340 (11)	27,172 (11)	17,830 (43)
	ITTO Cons.	855,612 (82)	158,643 (84)	189,384 (75)	21,271 (51)
Netherlands	World	992,048	184,928	217,091	63,329
	ITTO Prod.	139,962 (14)	44,902 (24)	17,611 (8)	52,155 (82)
	ITTO Cons.	695,775 (70)	126,663 (68)	148,626 (68)	9,562 (15)
Austria	World	777,988	223,534	127,635	17,575
	ITTO Prod.	6,556 (1)	2,022 (1)	3,886 (3)	1,550 (9)
	ITTO Cons.	656,807 (84)	154,655 (69)	75,866 (59)	14,435 (82)
USA	World	7,355,927	1,638,604	2,046,087	448,715
	ITTO Prod.	1,385,193 (19)	187,036 (11)	376,588 (18)	157,214 (35)
	ITTO Cons.	4,815,898 (65)	1,321,066 (81)	1,365,435 (67)	271,729 (61)
Japan	World	1,185,404	418,267	541,911	77,968
	ITTO Prod.	522,203 (44)	104,114 (25)	102,659 (19)	55,491 (71)
	ITTO Cons.	502,726 (42)	291,575 (70)	388,136 (72)	16,981 (22)
Switzerland	World	962,501	188,667	124,220	49,574
	ITTO Prod.	7,752 (1)	860 (0)	5,297 (4)	3,755 (8)
	ITTO Cons.	879,155 (91)	183,430 (97)	112,127 (90)	44,627 (90)
China+	World	697,636	128,300	312,059	75,647
	ITTO Prod.	22,828 (3)	32,330 (25)	20,476 (7)	377 (0)
	ITTO Cons.	662,965 (95)	91,804 (72)	278,609 (89)	73,785 (98)
ITTO Consumers	World	22,964,290	5,631,181	6,503,407	1,170,940
	ITTO Prod.	3,192,045 (14)	719,796 (13)	813,086 (13)	477,779 (41)
	ITTO Cons.	15,681,854 (68)	4,152,032 (74)	4,370,739 (67)	620,206 (53)

+ China includes Republic of China plus Hong Kong and Macao Special Administrative Regions - see text for breakdown. France includes Monaco.

Table 5-3. Major ITTO Producer Importers of Secondary Processed Wood Products [1000 US\$; (% share)]

Importer	From	1996	1997	1998	1999	2000
Venezuela	World	17,390	31,580	47,707	49,818	50,274
	ITTO Prod.	3,116 (18)	4,974 (16)	7,215 (15)	10,053 (20)	13,925 (28)
	ITTO Cons.	13,548 (78)	24,828 (79)	38,380 (80)	38,100 (76)	36,186 (72)
Malaysia	World	42,669	39,207	27,885	34,663	55,118
	ITTO Prod.	4,661 (11)	6,024 (15)	4,262 (15)	7,258 (21)	14,175 (26)
	ITTO Cons.	31,389 (74)	27,131 (69)	19,027 (68)	21,916 (63)	32,351 (59)
Philippines	World	31,645	39,096	31,081	34,456	26,336
	ITTO Prod.	6,570 (21)	10,558 (27)	10,786 (35)	12,081 (35)	3,768 (14)
	ITTO Cons.	18,928 (60)	21,966 (56)	15,012 (48)	16,924 (49)	21,507 (82)
Panama	World	12,063	13,125	21,358	29,554	31,274
	ITTO Prod.	770 (6)	1,419 (11)	2,183 (10)	3,600 (12)	8,205 (26)
	ITTO Cons.	4,362 (36)	7,046 (54)	11,781 (55)	14,832 (50)	22,218 (71)
Brazil	World	38,638	46,361	56,959	26,229	18,764
	ITTO Prod.	2,772 (7)	4,489 (10)	4,799 (8)	4,044 (15)	3,799 (20)
	ITTO Cons.	31,131 (81)	35,110 (76)	47,644 (84)	20,152 (77)	13,240 (71)
Thailand	World	24,073	27,008	11,548	17,214	21,368
	ITTO Prod.	3,649 (15)	2,574 (10)	1,432 (12)	2,246 (13)	2,125 (10)
	ITTO Cons.	16,959 (70)	21,293 (79)	7,794 (67)	12,770 (74)	17,857 (84)
Peru	World	14,059	20,896	19,354	14,170	11,627
	ITTO Prod.	1,862 (13)	1,787 (9)	2,251 (12)	1,887 (13)	1,291 (11)
	ITTO Cons.	9,451 (67)	12,856 (62)	12,756 (66)	7,717 (54)	8,662 (75)
Guatemala	World	8,721	13,414	15,488	13,774	14,830
	ITTO Prod.	416 (5)	728 (5)	656 (4)	685 (5)	1,548 (10)
	ITTO Cons.	6,057 (69)	8,344 (62)	9,768 (63)	9,159 (66)	8,526 (57)
Colombia	World	20,148	21,979	17,161	13,302	11,634
	ITTO Prod.	2,940 (15)	3,010 (14)	2,379 (14)	1,942 (15)	1,529 (13)
	ITTO Cons.	14,618 (73)	15,086 (69)	11,698 (68)	8,554 (64)	8,623 (74)
Honduras	World	4,904	6,914	8,155	11,107	11,228
	ITTO Prod.	472 (10)	814 (12)	1,961 (24)	2,785 (25)	1,963 (17)
	ITTO Cons.	3,183 (65)	4,570 (66)	5,639 (69)	6,549 (59)	7,022 (63)
Trinidad and Tobago	World	3,021	3,751	5,619	7,529	5,461
	ITTO Prod.	287 (9)	511 (14)	1,054 (19)	1,693 (22)	1,134 (21)
	ITTO Cons.	2,453 (81)	2,854 (76)	4,141 (74)	5,514 (73)	4,245 (78)
ITTO Producers	World	248,982	289,542	298,878	283,113	267,763
	ITTO Prod.	30,278 (12)	38,120 (13)	43,509 (15)	52,115 (18)	54,685 (20)
	ITTO Cons.	176,985 (71)	201,798 (70)	211,717 (71)	183,976 (65)	186,514 (70)

Table 5-4. Types of SPWP Imported by Major ITTO Producer Importers, 1999 [1000 US\$; (% share)]

Importer	From	Wooden Furniture and Parts	Builder's Woodwork	Other SPWP	Cane and Bamboo Furniture and Parts
Venezuela	World	30,526	3,676	11,910	3,706
	ITTO Prod.	5,365 (18)	1,122 (31)	3,025 (25)	541 (15)
	ITTO Cons.	24,146 (79)	2,406 (65)	8,385 (70)	3,163 (85)
Malaysia	World	8,726	7,049	14,569	4,318
	ITTO Prod.	1,977 (23)	4,154 (59)	861 (6)	265 (6)
	ITTO Cons.	4,997 (57)	2,655 (38)	10,583 (73)	3,682 (85)
Philippines	World	20,116	1,810	7,225	5,305
	ITTO Prod.	10,014 (50)	257 (14)	1,543 (21)	267 (5)
	ITTO Cons.	8,396 (42)	1,217 (67)	5,228 (72)	2,084 (39)
Panama	World	23,116	1,432	3,837	1,169
	ITTO Prod.	2,673 (12)	322 (23)	546 (14)	58 (5)
	ITTO Cons.	12,663 (55)	422 (29)	1,080 (28)	667 (57)
Brazil	World	11,070	2,371	9,163	3,624
	ITTO Prod.	907 (8)	2 (0)	1,443 (16)	1,693 (47)
	ITTO Cons.	9,468 (86)	2,299 (97)	6,964 (76)	1,421 (39)
Thailand	World	4,458	577	6,644	5,534
	ITTO Prod.	574 (13)	9 (2)	1,563 (24)	100 (2)
	ITTO Cons.	3,449 (77)	388 (67)	3,586 (54)	5,347 (97)
Peru	World	6,417	806	5,992	954
	ITTO Prod.	1,126 (18)	49 (6)	516 (9)	196 (21)
	ITTO Cons.	4,197 (65)	560 (69)	2,296 (38)	664 (70)
Guatemala	World	9,451	587	1,572	2,165
	ITTO Prod.	385 (4)	3 (1)	268 (17)	29 (1)
	ITTO Cons.	6,222 (66)	448 (76)	471 (30)	2,017 (93)
Colombia	World	7,286	442	5,392	182
	ITTO Prod.	852 (12)	153 (34)	867 (16)	71 (39)
	ITTO Cons.	5,673 (78)	275 (62)	2,498 (46)	108 (59)
Honduras	World	6,884	919	2,985	320
	ITTO Prod.	1,926 (28)	472 (51)	325 (11)	63 (20)
	ITTO Cons.	3,904 (57)	401 (44)	2,061 (69)	183 (57)
Trinidad and Tobago	World	4,448	847	1,162	1,073
	ITTO Prod.	1,044 (23)	240 (28)	94 (8)	315 (29)
	ITTO Cons.	3,231 (73)	586 (69)	959 (83)	739 (69)
ITTO Producers	World	153,142	23,227	75,940	30,804
	ITTO Prod.	29,526 (19)	6,930 (30)	11,608 (15)	4,051 (13)
	ITTO Cons.	100,865 (66)	13,095 (56)	48,229 (64)	21,787 (71)

Table 5-5. Major Exporters of Secondary Processed Wood Products [1000 US\$; (% share)]

Exporter	To	1996	1997	1998	1999	2000
European Union	World	19,787,235	19,192,257	19,547,265	19,622,989	17,829,109
	ITTO Prod.	127,332 (1)	148,902 (1)	129,982 (1)	120,967 (1)	122,922 (1)
Italy	ITTO Cons.	16,916,159 (85)	15,980,189 (83)	16,469,981 (84)	17,081,504 (87)	15,394,473 (86)
	World	6,398,974	6,142,092	6,036,632	5,827,373	5,707,080
Germany	ITTO Prod.	58,593 (1)	71,665 (1)	65,070 (1)	55,231 (1)	59,305 (1)
	ITTO Cons.	4,917,468 (77)	4,545,484 (74)	4,565,183 (76)	4,685,799 (80)	4,545,054 (80)
Denmark	World	2,943,902	2,805,140	2,978,846	3,086,735	2,887,490
	ITTO Prod.	10,032 (0)	14,477 (1)	10,367 (0)	10,430 (0)	10,497 (0)
France+	ITTO Cons.	2,620,896 (89)	2,442,016 (87)	2,607,939 (88)	2,757,182 (89)	2,560,649 (89)
	World	2,127,600	2,049,667	2,109,463	2,037,304	1,938,839
Belgium/Lux.	ITTO Prod.	3,534 (0)	2,727 (0)	1,557 (0)	3,508 (0)	3,241 (0)
	ITTO Cons.	2,044,908 (96)	1,965,274 (96)	2,018,756 (96)	1,943,864 (95)	1,856,390 (96)
Spain	World	1,411,677	1,409,804	1,590,775	1,599,184	1,523,479
	ITTO Prod.	15,506 (1)	16,880 (1)	19,781 (1)	13,638 (1)	11,978 (1)
Canada	ITTO Cons.	1,229,828 (87)	1,205,688 (86)	1,380,330 (87)	1,411,595 (88)	1,347,516 (88)
	World	1,255,414	1,283,097	1,313,151	1,526,453	1,483,925
China+	ITTO Prod.	2,981 (0)	3,490 (0)	3,037 (0)	2,489 (0)	3,368 (0)
	ITTO Cons.	1,209,507 (96)	1,219,174 (95)	1,249,669 (95)	1,470,393 (96)	1,439,462 (97)
Poland	World	981,579	1,064,725	1,134,675	1,126,604	1,085,883
	ITTO Prod.	17,867 (2)	19,248 (2)	15,721 (1)	20,567 (2)	18,781 (2)
USA	ITTO Cons.	728,327 (74)	716,658 (67)	803,322 (71)	841,519 (75)	796,579 (73)
	World	1,921,220	2,537,783	3,064,921	3,813,858	4,111,485
ITTO Consumers	ITTO Prod.	3,313 (0)	4,545 (0)	4,064 (0)	2,932 (0)	2,309 (0)
	ITTO Cons.	1,893,297 (99)	2,509,300 (99)	3,040,509 (99)	3,791,427 (99)	4,090,656 (99)
ITTO Consumers	World	1,665,142	2,042,980	2,163,373	2,598,691	3,416,430
	ITTO Prod.	20,329 (1)	23,862 (1)	18,763 (1)	17,574 (1)	29,779 (1)
ITTO Consumers	ITTO Cons.	1,512,846 (91)	1,850,203 (91)	1,993,212 (92)	2,437,286 (94)	3,195,058 (94)
	World	1,689,387	1,812,416	1,905,985	1,877,341	1,875,132
ITTO Consumers	ITTO Prod.	213 (0)	1,583 (0)	439 (0)	2,877 (0)	0 (0)
	ITTO Cons.	1,429,411 (85)	1,433,207 (79)	1,577,404 (83)	1,666,473 (89)	1,757,252 (94)
ITTO Consumers	World	1,503,972	1,716,606	1,655,622	1,622,082	1,746,750
	ITTO Prod.	95,238 (6)	114,122 (7)	109,794 (7)	84,856 (5)	74,333 (4)
ITTO Consumers	ITTO Cons.	1,035,928 (69)	1,157,738 (67)	1,086,914 (66)	1,107,727 (68)	1,208,687 (69)
	World	25,876,810	26,399,548	27,326,463	28,624,381	29,526,790
ITTO Consumers	ITTO Prod.	265,009 (1)	308,580 (1)	277,234 (1)	240,381 (1)	239,917 (1)
	ITTO Cons.	22,229,780 (86)	22,296,488 (84)	23,384,154 (86)	25,305,779 (88)	26,135,403 (89)

+ China includes Republic of China plus Hong Kong and Macao Special Administrative Regions - see text for breakdown. France includes Monaco.

Table 5-6. Types of SPWP Exported by Major Exporters, 1999 [1000 US\$; (% share)]

Exporter	To	Wooden Furniture and Parts	Builder's Woodwork	Other SPWP	Cane and Bamboo Furniture and Parts
European Union (15)	World	14,001,047	2,821,493	2,235,675	564,774
	ITTO Prod.	89,093 (1)	8,909 (0)	12,540 (1)	10,426 (2)
	ITTO Cons.	12,175,581 (87)	2,461,313 (87)	2,008,973 (90)	435,637 (77)
Italy	World	4,967,263	177,863	365,469	316,777
	ITTO Prod.	42,511 (1)	2,779 (2)	3,423 (1)	6,519 (2)
	ITTO Cons.	3,995,662 (80)	121,937 (69)	331,270 (91)	236,930 (75)
Germany	World	2,305,216	410,718	338,709	32,093
	ITTO Prod.	6,609 (0)	303 (0)	3,387 (1)	130 (0)
	ITTO Cons.	2,115,233 (92)	336,366 (82)	276,858 (82)	28,726 (90)
Denmark	World	1,461,310	459,820	103,252	12,921
	ITTO Prod.	3,035 (0)	249 (0)	144 (0)	80 (1)
	ITTO Cons.	1,405,076 (96)	430,299 (94)	96,919 (94)	11,569 (90)
France+	World	946,410	184,872	419,104	48,798
	ITTO Prod.	10,777 (1)	946 (1)	871 (0)	1,044 (2)
	ITTO Cons.	824,077 (87)	161,893 (88)	385,315 (92)	40,310 (83)
Belgium	World	1,023,068	254,155	215,728	33,503
	ITTO Prod.	962 (0)	1,149 (0)	286 (0)	91 (0)
	ITTO Cons.	983,302 (96)	242,289 (95)	212,119 (98)	32,683 (98)
Spain	World	804,732	128,510	125,565	67,796
	ITTO Prod.	16,116 (2)	639 (0)	1,446 (1)	2,366 (3)
	ITTO Cons.	612,635 (76)	82,846 (64)	104,872 (84)	41,167 (61)
Canada	World	1,961,693	1,278,256	566,031	7,878
	ITTO Prod.	2,476 (0)	299 (0)	91 (0)	66 (1)
	ITTO Cons.	1,948,089 (99)	1,271,605 (99)	564,125 (100)	7,607 (97)
China	World	1,315,055	248,732	901,205	133,699
	ITTO Prod.	5,314 (0)	1,776 (1)	8,500 (1)	1,984 (1)
	ITTO Cons.	1,227,472 (93)	235,903 (95)	847,330 (94)	126,581 (95)
Poland	World	1,363,734	140,942	366,350	6,315
	ITTO Prod.	2,823 (0)	(0)	54 (0)	(0)
	ITTO Cons.	1,178,746 (86)	130,819 (93)	355,231 (97)	1,677 (27)
USA	World	792,483	352,276	406,309	71,014
	ITTO Prod.	41,102 (5)	8,375 (2)	27,170 (7)	8,209 (12)
	ITTO Cons.	520,458 (66)	267,269 (76)	272,568 (67)	47,432 (67)
ITTO Consumers	World	18,631,441	4,967,665	4,231,604	793,671
	ITTO Prod.	145,128 (1)	21,747 (0)	52,303 (1)	21,203 (3)
	ITTO Cons.	16,387,651 (88)	4,488,299 (90)	3,798,484 (90)	631,345 (80)

+ China includes Republic of China plus Hong Kong and Macao Special Administrative Regions - see text for breakdown. France includes Monaco.

Table 5-7. Major ITTO Producer Exporters of Secondary Processed Wood Products [1000 US\$; (% share)]

Exporter	To	1996	1997	1998	1999	2000
Indonesia	World	1,531,614	1,235,440	738,604	1,692,960	1,988,309
	ITTO Prod.	17,135 (1)	12,621 (1)	8,216 (1)	20,908 (1)	26,264 (1)
	ITTO Cons.	1,318,207 (86)	1,044,781 (85)	622,077 (84)	1,490,492 (88)	1,757,434 (88)
Malaysia	World	1,105,636	1,202,072	1,100,357	1,311,713	1,268,977
	ITTO Prod.	11,737 (1)	13,619 (1)	11,533 (1)	17,775 (1)	486 (0)
	ITTO Cons.	897,339 (81)	942,491 (78)	870,225 (79)	1,052,036 (80)	1,071,177 (84)
Thailand	World	741,475	710,078	688,014	845,765	978,446
	ITTO Prod.	4,923 (1)	4,675 (1)	7,652 (1)	10,508 (1)	702 (0)
	ITTO Cons.	716,740 (97)	685,065 (96)	655,479 (95)	803,605 (95)	959,325 (98)
Brazil	World	450,591	493,806	464,103	584,149	687,210
	ITTO Prod.	1,904 (0)	2,667 (1)	3,861 (1)	5,177 (1)	10,691 (2)
	ITTO Cons.	397,529 (88)	433,584 (88)	392,856 (85)	496,454 (85)	558,973 (81)
Philippines	World	377,749	378,765	361,562	378,130	449,312
	ITTO Prod.	3,335 (1)	4,474 (1)	3,165 (1)	3,029 (1)	849 (0)
	ITTO Cons.	358,134 (95)	355,947 (94)	342,487 (95)	354,326 (94)	439,691 (98)
Bolivia	World	13,496	20,983	22,659	31,302	34,778
	ITTO Prod.	19 (0)	36 (0)	47 (0)	44 (0)	5 (0)
	ITTO Cons.	7,536 (56)	11,478 (55)	15,127 (67)	27,753 (89)	32,362 (93)
Honduras	World	21,700	33,538	29,695	28,615	50,558
	ITTO Prod.	568 (3)	593 (2)	1,148 (4)	346 (1)	255 (1)
	ITTO Cons.	18,912 (87)	31,885 (95)	25,879 (87)	25,434 (89)	47,133 (93)
Guatemala	World	13,710	16,567	17,332	20,163	18,240
	ITTO Prod.	422 (3)	1,027 (6)	2,063 (12)	2,620 (13)	1,603 (9)
	ITTO Cons.	10,717 (78)	11,599 (70)	12,335 (71)	12,653 (63)	12,328 (68)
ITTO Asia Pacific	World	3,768,324	3,540,088	2,904,867	4,250,827	4,685,044
	ITTO Prod.	37,478 (1)	35,521 (2)	30,784 (1)	52,611 (1)	28,300 (1)
	ITTO Cons.	3,299,577 (88)	3,037,910 (83)	2,502,574 (86)	3,718,216 (87)	4,227,627 (90)
ITTO Latin America	World	544,689	606,721	581,176	716,384	791,435
	ITTO Prod.	12,876 (2)	13,028 (1)	18,660 (3)	19,763 (3)	28,051 (4)
	ITTO Cons.	451,584 (83)	505,799 (85)	463,413 (80)	582,831 (81)	633,125 (80)
ITTO Africa	World	13,685	9,955	4,312	12,901	40,771
	ITTO Prod.	234 (2)	83 (1)	32 (1)	130 (1)	0 (0)
	ITTO Cons.	12,695 (93)	9,509 (96)	3,763 (87)	12,362 (96)	40,572 (100)
ITTO Producers	World	4,326,698	4,156,764	3,490,354	4,980,113	5,538,013
	ITTO Prod.	50,588 (1)	48,633 (1)	49,476 (1)	72,505 (1)	56,356 (1)
	ITTO Cons.	3,763,856 (87)	3,553,218 (78)	2,969,750 (85)	4,313,410 (87)	4,919,684 (89)

Table 5-8. Types of SPWP Exported by Major ITTO Producer Exporters, 1999 [1000 US\$; (% share)]

Exporter	To	Wooden Furniture and Parts	Builder's Woodwork	Other SPWP	Cane and Bamboo Furniture and Parts
Indonesia	World	637,652	542,726	243,561	269,021
	ITTO Prod.	8,215 (1)	4,635 (1)	5,344 (2)	2,713 (1)
	ITTO Cons.	559,029 (88)	478,042 (88)	208,319 (86)	245,102 (91)
Malaysia	World	1,026,330	188,323	77,692	19,368
	ITTO Prod.	15,021 (1)	886 (0)	1,754 (2)	114 (1)
	ITTO Cons.	826,381 (81)	151,842 (81)	58,584 (75)	15,229 (79)
Thailand	World	571,843	40,058	223,039	10,826
	ITTO Prod.	7,287 (1)	515 (1)	2,152 (1)	555 (5)
	ITTO Cons.	545,954 (95)	35,548 (89)	213,419 (96)	8,683 (80)
Brazil	World	315,858	171,345	96,036	909
	ITTO Prod.	3,014 (1)	1,215 (1)	923 (1)	24 (3)
	ITTO Cons.	252,801 (80)	159,571 (93)	84,001 (87)	82 (9)
Philippines	World	118,937	75,786	52,805	130,601
	ITTO Prod.	622 (1)	18 (0)	759 (1)	1,630 (1)
	ITTO Cons.	111,316 (94)	71,393 (94)	49,747 (94)	121,870 (93)
Bolivia	World	10,733	20,213	355	1
	ITTO Prod.	11 (0)	33 (0)	1 (0)	- (0)
	ITTO Cons.	9,700 (90)	17,757 (88)	295 (83)	0 (39)
Honduras	World	14,518	2,035	11,704	358
	ITTO Prod.	187 (1)	(0)	136 (1)	22 (6)
	ITTO Cons.	13,673 (94)	2,027 (100)	9,442 (81)	292 (82)
Guatemala	World	10,186	4,137	5,735	105
	ITTO Prod.	1,459 (14)	787 (19)	370 (6)	3 (3)
	ITTO Cons.	5,746 (56)	2,929 (71)	3,977 (69)	0 (0)
ITTO Asia Pacific	World	2,369,042	847,395	604,242	430,148
	ITTO Prod.	31,292 (1)	6,073 (1)	10,191 (2)	5,056 (1)
	ITTO Cons.	2,055,576 (87)	737,117 (87)	534,421 (88)	391,102 (91)
ITTO Latin America	World	376,932	210,250	127,254	1,948
	ITTO Prod.	11,906 (3)	2,701 (1)	5,012 (4)	144 (7)
	ITTO Cons.	295,083 (78)	183,601 (87)	103,634 (81)	513 (26)
ITTO Africa	World	7,538	657	4,608	98
	ITTO Prod.	106 (1)	1 (0)	22 (0)	1 (1)
	ITTO Cons.	7,389 (98)	443 (67)	4,438 (96)	92 (94)
ITTO Producers	World	2,753,512	1,058,303	736,104	432,194
	ITTO Prod.	43,305 (2)	8,774 (1)	15,225 (2)	5,201 (1)
	ITTO Cons.	2,358,048 (86)	921,162 (87)	642,493 (87)	391,708 (91)

Appendix 6

World Total, Tropical and Plantation Forest Areas, 1980-2000

Table 6-1. World Total, Tropical and Plantation Forest Areas, 1980-2000 177

Sources: FAO Forest Resource Assessment 2000

 FAO Resource Assessment 1990

 FAO Forest Resource Assessment 1980

Table 6-1. Total, Tropical and Plantation Forest Areas, 1980-2000 (1000 ha)

Country/Area	Forest Area 2000			Forest Area 1990			Forest Area 1980			Annual Change 1990-2000			Annual Change 1980-1990		
	Total	Tropical	Plantation	Total	Tropical	Plantation	Total	Tropical	Plantation	Total	Tropical	Plantation	Total	Tropical	Plantation
Algeria	2145	0	718	1879	0	485	2076	0	431	27	0	23	-20	0	5
Angola	69756	69756	141	70998	70998	120	72728	72728	157	-124	-124	2	-173	-173	-4
Benin	2650	2650	112	3349	3349	14	4043	4043	19	-70	-70	10	-69	-69	-1
Botswana	12427	11184	1	13611	12250	1	14381	12943		-118	-107	0	-77	-69	0
Burkina Faso	7089	7089	67	7241	7241	20	7550	7550	12	-15	-15	5	-31	-31	1
Burundi	94	94	73	241	241	92	172	172	19	-15	-15	-2	7	7	7
Cameroon	23858	23858	80	26076	26076	16	27284	27284	18	-222	-222	6	-121	-121	0
Cape Verde	85	85	85	35	35	10	28	28	4	5	5	8	1	1	1
Central African Republic	22907	22907	4	23207	23207	6	24491	24491	0	-30	-30	0	-128	-128	1
Chad	12692	12692	14	13509	13509	4	14397	14397	3	-82	-82	1	-89	-89	0
Comoros	8	8	2	12	12	0	22	22	0	0	0	0	-1	-1	0
Congo	22060	22060	83	22235	22235	37	22530	22530	17	-18	-18	5	-30	-30	2
Côte d'Ivoire	7117	7117	184	9766	9766	63	10924	10924	45	-265	-265	12	-116	-116	2
Dem. Rep. of the Congo	135207	135207	97	140531	140531	42	147825	147825	22	-532	-532	6	-729	-729	2
Djibouti	6	6	0	6	6	0	60	60		0	0	0	-5	-5	0
Egypt	72	7	72	52	5	34	46	5	40	2	0	4	1	0	-1
Equatorial Guinea	1752	1752	0	1858	1858	3	1928	1928		-11	-11	0	-7	-7	0
Eritrea	1585	1585	22	1639	1639					-5	-5	2			0
Ethiopia	4593	4593	216	4996	4996	189	5266	5266	98	-40	-40	3	-27	-27	9
Gabon	21826	21826	36	21927	21927	21	23079	23079	19	-10	-10	2	-115	-115	0
Gambia	481	481	2	436	436	1	446	446	1	5	5	0	-1	-1	0
Ghana	6335	6335	76	7535	7535	53	8904	8904	75	-120	-120	2	-137	-137	-2
Guinea	6929	6929	25	7276	7276	4	8145	8145	2	-35	-35	2	-87	-87	0
Guinea-Bissau	2187	2187	2	2403	2403	1	2563	2563	0	-22	-22	0	-16	-16	0
Kenya	17096	17096	232	18027	18027	118	18081	18081	181	-93	-93	11	-5	-5	-6
Lesotho	14	0	14	14	0	7	8	0	3	0	0	1	1	0	0
Liberia	3481	3481	119	4241	4241	6	4490	4490	6	-76	-76	11	-25	-25	0
Libyan Arab Jamahiriya	358	36	168	311	31	210	201	20	143	5	0	-4	11	1	7
Madagascar	11727	10554	350	12901	11611	217	14220	12798	266	-117	-106	13	-132	-119	-5
Malawi	2562	2562	112	3269	3269	126	3729	3729	80	-71	-71	-1	-46	-46	5
Mali	13186	13186	15	14179	14179	14	15226	15226	5	-99	-99	0	-105	-105	1
Mauritania	317	285	25	415	374	2	413	372	0	-10	-9	2	0	0	0
Mauritius	16	16	13	17	17	9	16	16	11	0	0	0	0	0	0
Morocco	3025	0	534	3037	0	321	3201	0	321	-1	0	21	-16	0	0
Mozambique	30601	27541	50	31238	28114	28	32578	29320	25	-64	-57	2	-134	-121	0
Namibia	8040	4824	0	8774	5264	0	9204	5522	0	-73	-44	0	-43	-26	0
Niger	1328	1328	73	1945	1945	12	1937	1937	9	-62	-62	6	1	1	0

Table 6-1. Total, Tropical and Plantation Forest Areas, 1980-2000 (1000 ha)

Country/Area	Forest Area 2000			Forest Area 1990			Forest Area 1980			Annual Change 1990-2000			Annual Change 1980-1990		
	Total	Tropical	Plantation	Total	Tropical	Plantation	Total	Tropical	Plantation	Total	Tropical	Plantation	Total	Tropical	Plantation
Nigeria	13517	13517	693	17501	17501	151	18654	18654	163	-398	-398	54	-115	-115	-1
Réunion	71	71	3	76	76	7	75	75	8	-1	-1	0	0	0	0
Rwanda	307	307	261	457	457	88	414	414	29	-15	-15	17	4	4	6
Saint Helena	2	2	2	2	2	1	0	0	2	0	0	0	0	0	0
Sao Tome and Principe	27	27	0	27	27		56	56		0	0	0	-3	0	0
Senegal	6205	6205	263	6655	6655	112	7072	7072	12	-45	-45	15	-42	-42	10
Seychelles	30	30	5	30	30	1	0	0	1	0	0	0	0	0	0
Sierra Leone	1055	1055	6	1416	1416	6	1534	1534	6	-36	-36	0	-12	-12	0
Somalia	7515	7515	3	8284	8284	4	8314	8314	11	-77	-77	0	-3	-3	-1
South Africa	8917	892	1554	8997	900	965	9472	947		-8	-1	59	-48	-5	97
Sudan	61627	61627	641	71216	71216	203	75948	75948	188	-959	-959	44	-473	-473	2
Swaziland	522	0	161	464	0	72	463	0	102	6	0	9	0	0	-3
Togo	510	510	38	719	719	17	927	927	11	-21	-21	2	-21	-21	1
Tunisia	510	0	202	499	0	201	447	0	127	1	0	0	5	0	7
Uganda	4190	4190	43	5103	5103	20	5753	5753	46	-91	-91	2	-65	-65	-3
United Republic of Tanzania	38811	38811	135	39724	39724	154	44018	44018	98	-91	-91	-2	-429	-429	6
Western Sahara	152	15	0	152	15		152	15		0	0	0	0	0	0
Zambia	31246	31246	75	39755	39755	48	43364	43364	38	-851	-851	3	-361	-361	1
Zimbabwe	19040	19040	141	22239	22239	84	22835	22835	110	-320	-320	6	-60	-60	-3
Total Africa	649866	626378	8043	702502	678722	4420	741690	716770	2984	-5264	-5234	362	-4086	-3969	144
Afghanistan	1351	0	0	1351	0	8	1221	0	11	0	0	-1	13	0	0
Armenia	351	0	13	309	0					4	0	1			0
Azerbaijan	1094	0	20	964	0					13	0	2			0
Bangladesh	1334	934	625	1169	818	235	1426	998	128	17	12	39	-26	-18	11
Bhutan	3016	0	21	3016	0	4	3174	0	7	0	0	2	-16	0	0
Brunei Darussalam	442	442	3	452	452	0	472	472	0	-1	-1	0	-2	-2	0
Cambodia	9335	9335	90	9896	9896	7	11206	11206	7	-56	-56	8	-131	-131	0
China	163480	16348	45083	145417	14542	31831	138019	13802	12733	1806	181	1325	740	74	1910
Cyprus	172	0	0	119	0		117	0		5	0	0	0	0	0
Dem People's Rep. of Korea	8210	0	0	8210	0	1470	7440	0	1628	0	0	-147	77	0	-16
East Timor	507	507	0	541	541					-3	-3	0			0
Georgia	2988	0	200	2988	0					0	0	20			0
India	64113	44879	32578	63732	44612	13230	57032	39922	2068	38	27	1935	670	469	1116
Indonesia	104986	104986	9871	118110	118110	6125	126912	126912	1918	-1312	-1312	375	-880	-880	421
Iran, Islamic Rep.	7299	0	2284	7299	0	79	7580	0	43	0	0	221	-28	0	4
Iraq	799	0	10	799	0	14	1250	0	20	0	0	0	-45	0	-1
Israel	132	0	91	82	0		75	0		5	0	9	1	0	0

Table 6-1. Total, Tropical and Plantation Forest Areas, 1980-2000 (1000 ha)

Country/Area	Forest Area 2000			Forest Area 1990			Forest Area 1980			Annual Change 1990-2000			Annual Change 1980-1990		
	Total	Tropical	Plantation	Total	Tropical	Plantation	Total	Tropical	Plantation	Total	Tropical	Plantation	Total	Tropical	Plantation
Japan	24081	0	10682	24047	0		24095	0		3	0	1068	-5	0	0
Jordan	86	0	45	86	0	23	88	0	21	0	0	2	0	0	0
Kazakhstan	12148	0	5	9758	0					239	0	1			0
Kuwait	5	0	5	3	0	3	0	0		0	0	0	0	0	0
Kyrgyzstan	1003	0	57	775	0					23	0	6			0
Lao People's Dem. Rep	12561	12561	54	13088	13088	4	14377	14377	11	-53	-53	5	-129	-129	-1
Lebanon	36	0	2	37	0	13	47	0	18	0	0	-1	-1	0	-1
Malaysia	19292	19292	1750	21661	21661	81	25558	25558	26	-237	-237	167	-390	-390	6
Maldives	1	1	0	1	1		1	1		0	0	0	0	0	0
Mongolia	10645	0	0	11245	0	0	13863	0		-60	0	0	-262	0	0
Myanmar	34419	30977	821	39588	35629	235	43402	39062	16	-517	-465	59	-381	-343	22
Nepal	3900	0	133	4683	0	56	5180	0	19	-78	0	8	-50	0	4
Oman	1	1	1	1	1	0	0	0		0	0	0	0	0	0
Pakistan	2361	0	980	2755	0	168	3483	0	160	-39	0	81	-73	0	1
Philippines	5789	5789	753	6676	6676	203	9836	9836	300	-89	-89	55	-316	-316	-10
Qatar	1	0	1	0	0	0	0	0		0	0	0	0	0	0
Republic of Korea	6248	0	0	6299	0	0	6309	0		-5	0	0	-1	0	0
Saudi Arabia	1504	301	4	1504	301	1	1554	311	1	0	0	0	-5	-1	0
Singapore	2	2	0	2	2	0	3	3		0	0	0	0	0	0
Sri Lanka	1940	1940	316	2288	2288	139	2498	2498	112	-35	-35	18	-21	-21	3
Syrian Arab Republic	461	0	229	461	0	127	412	0	40	0	0	10	5	0	9
Tajikistan	400	0	10	380	0					2	0	1			0
Thailand	14762	14762	4920	15886	15886	529	20742	20742	114	-112	-112	439	-486	-486	42
Turkey	10225	0	1854	10005	0		9974	0		22	0	185	3	0	0
Turkmenistan	3755	0	12	3755	0					0	0	1			0
United Arab Emirates	321	32	314	243	24	60	184	18		8	1	25	6	1	6
Uzbekistan	1969	0	300	1923	0					5	0	30			0
Viet Nam	9819	9819	1711	9303	9303	1470	10183	10183	204	52	52	24	-88	-88	127
Yemen	449	449	0	541	541	0			0	-9	-9	0			0
Total Asia	547793	273357	115848	551448	294373	56115	547713	315902	19605	-366	-2102	5973	-1820	-2261	3651
American Samoa	12	12	0	12	12	0	14	14		0	0	0	0	0	0
Australia	154539	15454	1396	157359	15736		157353	15735		-282	-28	140	1	0	0
Cook Islands	22	22	1	22	22		22	22		0	0	0	0	0	0
Fiji	815	815	97	832	832	78	822	822	40	-2	-2	2	1	1	4
French Polynesia	105	105	5	105	105	0	115	115		0	0	1	-1	-1	0
Guam	21	21	0	21	21	0	10	10		0	0	0	1	1	0
Kiribati	28	28	0	28	28	0	2	2		0	0	0	3	3	0

Table 6-1. Total, Tropical and Plantation Forest Areas, 1980-2000 (1000 ha)

Country/Area	Forest Area 2000			Forest Area 1990			Forest Area 1980			Annual Change 1990-2000			Annual Change 1980-1990		
	Total	Tropical	Plantation	Total	Tropical	Plantation	Total	Tropical	Plantation	Total	Tropical	Plantation	Total	Tropical	Plantation
Micronesia	15	15	0	24	24					-1	-1	0			0
New Caledonia	372	372	10	372	372	9	378	378	7	0	0	0	-1	-1	0
New Zealand	7946	0	1542	7556	0		7046	0		39	0	154	51	0	0
Niue	6	6	0	6	6	0	6	6		0	0	0	0	0	0
Northern Mariana Islands	14	14	0	14	14					0	0	0			0
Palau	35	35	0	35	35					0	0	0			0
Papua New Guinea	30601	30601	90	31730	31730	30	31845	31845	22	-113	-113	6	-12	-12	1
Samoa	105	105	5	130	130	9	145	145	2	-3	-3	0	-2	-2	1
Solomon Islands	2536	2536	50	2580	2580	16	2627	2627	17	-4	-4	3	-5	-5	0
Tonga	4	4	1	4	4	0	8	8		0	0	0	0	0	0
Vanuatu	447	447	3	441	441	7	517	517	0	1	1	0	-8	-8	1
Total Oceania	197623	50592	3200	201271	52092	149	200910	52246	88	-365	-150	305	29	-23	6
Albania	991	0	102	1069	0		1068	0		-8	0	10	0	0	0
Austria	3886	0	0	3809	0		3667	0		8	0	0	14	0	0
Belarus	9402	0	195	6840	0		6567	0		256	0	20	27	0	0
Belgium and Luxembourg	728	0	0	741	0		721	0		-1	0	0	2	0	0
Bosnia and Herzegovina	2273	0	57	2273	0					0	0	6			0
Bulgaria	3690	0	969	3486	0		3408	0		20	0	97	8	0	0
Croatia	1783	0	47	1763	0					2	0	5			0
Czech Republic	2632	0	0	2627	0					1	0	0			0
Denmark	455	0	341	445	0		435	0		1	0	34	1	0	0
Estonia	2060	0	305	1935	0					13	0	31			0
Finland	21935	0	0	21855	0		21800	0		8	0	0	6	0	0
France	15341	0	961	14725	0		14645	0		62	0	96	8	0	0
Germany	10740	0	0	10740	0		10271	0		0	0	0	47	0	0
Greece	3599	0	120	3299	0		3290	0		30	0	12	1	0	0
Hungary	1840	0	136	1768	0		1686	0		7	0	14	8	0	0
Iceland	31	0	12	25	0		25	0		1	0	1	0	0	0
Ireland	659	0	590	489	0		441	0		17	0	59	5	0	0
Italy	10003	0	133	9708	0		8063	0		30	0	13	165	0	0
Latvia	2923	0	143	2796	0					13	0	14			0
Liechtenstein	7	0	0	6	0		3	0		0	0	0	0	0	0
Lithuania	1994	0	284	1946	0					5	0	28			0
Netherlands	375	0	100	365	0		355	0		1	0	10	1	0	0
Norway	8868	0	300	8558	0		8701	0		31	0	30	-14	0	0
Poland	9047	0	39	8872	0		8822	0		18	0	4	5	0	0
Portugal	3666	0	834	3096	0		2958	0		57	0	83	14	0	0

Table 6-1. Total, Tropical and Plantation Forest Areas, 1980-2000 (1000 ha)

Country/Area	Forest Area 2000			Forest Area 1990			Forest Area 1980			Annual Change 1990-2000			Annual Change 1980-1990		
	Total	Tropical	Plantation	Total	Tropical	Plantation	Total	Tropical	Plantation	Total	Tropical	Plantation	Total	Tropical	Plantation
Republic of Moldova	325	0	1	318	0					1	0	0			0
Romania	6448	0	91	6301	0		6299	0		15	0	9	0	0	0
Russian Federation	851392	0	17340	850039	0		849529	0		135	0	1734	51	0	0
Slovakia	2177	0	15	1997	0					18	0	2			0
Slovenia	1107	0	1	1085	0					2	0	0			0
Spain	14370	0	1904	13510	0		13501	0		86	0	190	1	0	0
Sweden	27134	0	569	27128	0		28015	0		1	0	57	-89	0	0
Switzerland	1199	0	4	1156	0		1090	0		4	0	0	7	0	0
The FYR of Macedonia	906	0	30	906	0					0	0	3			0
Ukraine	9584	0	4425	9274	0		9034	0		31	0	443	24	0	0
United Kingdom	2794	0	1928	2624	0		2382	0		17	0	193	24	0	0
Yugoslavia	2887	0	39	2901	0		2556	0		-1	0	4	35	0	0
Total Europe	1039251	0	32015	1030475	0		1009332	0		878	0	3202	349	0	0
Antigua and Barbuda	9	9	0	9	9	0	9	9		0	0	0	0	0	0
Bahamas	842	84	0	842	84	0	882	88		0	0	0	-4	0	0
Barbados	2	2	0	2	2	0	5	5		0	0	0	0	0	0
Belize	1348	1348	3	1704	1704	2	1754	1754	3	-36	-36	0	-5	-5	0
British Virgin Islands	3	3	0	3	3	0	3	3		0	0	0	0	0	0
Canada	244571	0	0	244571	0		244571	0		0	0	0	0	0	0
Cayman Islands	13	13	0	13	13	0	6	6		0	0	0	1	1	0
Costa Rica	1968	1968	178	2126	2126	28	2600	2600	3	-16	-16	15	-47	-47	3
Cuba	2348	2348	482	2071	2071	245	2106	2106	157	28	28	24	-4	-4	9
Dominica	46	46	0	50	50	0	55	55	0	0	0	0	-1	-1	0
Dominican Republic	1376	1376	30	1376	1376	7	1723	1723	6	0	0	2	-35	-35	0
El Salvador	121	121	14	193	193	4	220	220	1	-7	-7	1	-3	-3	0
Grenada	5	5	0	5	5	0	10	10	0	0	0	0	-1	-1	0
Guadeloupe	82	82	4	67	67	0	93	93	4	2	2	0	-3	-3	0
Guatemala	2850	2850	133	3387	3387	28	4179	4179	15	-54	-54	11	-79	-79	1
Haiti	88	88	20	158	158	8	170	170	1	-7	-7	1	-1	-1	1
Honduras	5383	5383	48	5972	5972	3	7089	7089		-59	-59	5	-112	-112	0
Jamaica	325	325	9	379	379	15	643	643	13	-5	-5	-1	-26	-26	0
Martinique	47	47	2	47	47	0	43	43		0	0	0	0	0	0
Mexico	55205	38644	267	61511	43058	109	68238	47767	159	-631	-441	16	-673	-471	-5
Montserrat	3	3	0	3	3	0	3	3		0	0	0	0	0	0
Netherlands Antilles	1	1	0	1	1	0	0	0		0	0	0	0	0	0
Nicaragua	3278	3278	46	4450	4450	14	5677	5677	1	-117	-117	3	-123	-123	1
Panama	2876	2876	40	3395	3395	6	4031	4031	4	-52	-52	3	-64	-64	0

Table 6-1. Total, Tropical and Plantation Forest Areas, 1980-2000 (1000 ha)

Country/Area	Forest Area 2000			Forest Area 1990			Forest Area 1980			Annual Change 1990-2000			Annual Change 1980-1990		
	Total	Tropical	Plantation	Total	Tropical	Plantation	Total	Tropical	Plantation	Total	Tropical	Plantation	Total	Tropical	Plantation
Puerto Rico	229	229	4	234	234	3	193	193	38	-1	-1	0	4	4	-4
Saint Kitts and Nevis	4	4	0	4	4	0	5	5		0	0	0	0	0	0
Saint Lucia	9	9	1	14	14	0	8	8	0	-1	-1	0	1	1	0
Saint Vincent and Grenadines	6	6	0	7	7	0	12	12		0	0	0	-1	-1	0
Trinidad and Tobago	259	259	15	281	281	13	320	320	16	-2	-2	0	-4	-4	0
United States	225993	0	16238	222113	0		225278	0		388	0	1624	-317	0	0
United States Virgin Islands	14	14	0	14	14	0	14	14		0	0	0	0	0	0
Total North and Central America	549304	61421	17534	555002	69107	485	569940	78826	421	-570	-769	1705	-1494	-972	6
Argentina	34648	0	926	37499	0	547	39593	0	600	-285	0	38	-209	0	-5
Bolivia	53068	53068	46	54679	54679	28	60919	60919	26	-161	-161	2	-624	-624	0
Brazil	543905	489515	4982	566998	510298	4900	601754	541579	3855	-2309	-2078	8	-3476	-3128	105
Chile	15536	0	2017	15739	0	1015	15794	0	818	-20	0	100	-6	0	20
Colombia	49601	49601	141	51506	51506	126	55087	55087	95	-191	-191	2	-358	-358	3
Ecuador	10557	10557	167	11929	11929	45	14294	14294	43	-137	-137	12	-237	-237	0
French Guiana	7926	7926	1	7926	7926	0	7997	7997	0	0	0	0	-7	-7	0
Guyana	16879	16879	12	17365	17365	8	17537	17537	1	-49	-49	0	-17	-17	1
Paraguay	23372	18698	27	24602	19682	9	28625	22900	3	-123	-98	2	-402	-322	1
Peru	65215	65215	640	67903	67903	184	70525	70525	84	-269	-269	46	-262	-262	10
Suriname	14113	14113	13	14113	14113	8	14241	14241	8	0	0	1	-13	-13	0
Uruguay	1292	0	622	791	0	156	781	0	140	50	0	47	1	0	2
Venezuela	49506	49506	863	51681	51681	253	57505	57505	124	-218	-218	61	-582	-582	13
Total South America	885618	775077	10457	922731	807082	7279	984652	862584	5797	-3711	-3200	318	-6192	-5550	148
TOTAL WORLD	3869455	1786824	187097	3963429	1901375	68448	4054237	2026328	28895	-9397	-11455	11865	-13213	-12775	3955

Notes: Only countries with 2000 forest area greater than 500 ha listed in this table. Tropical forest areas for countries straddling the tropics estimated by ITTO. Countries reflect political divisions in 2000. Those that existed in 2000 but not in 1990 and/or 1980 have blanks for the earlier years. Zeroes indicate areas less than 500 ha. 1980 Total and tropical forest area data derived from 1990 areas published in the 2000 FRA and change rates published in the 1990 FRA as many countries have significantly revised forest area/definitions/figures between assessments.

Appendix 7

UN/ECE Timber Committee Market Statement on Forest Products Markets in 2001 and 2002

UN/ECE TIMBER COMMITTEE MARKET STATEMENT ON FOREST PRODUCTS MARKETS IN 2001 AND 2002

The entire official text of the Market Statement was adopted by the UN/ECE Committee at its fifty-ninth session
Geneva, Switzerland, 2-5 October 2001

FOREST PRODUCTS MARKETS IN THE NEW MILLENNIUM

Overview

Following record levels in 2000 of forest products consumption, production and trade in the UNECE region of Europe, North America and the Commonwealth of Independent States (CIS), markets started to fall in early 2001. The simultaneous weakening of all major economies exacerbated this trend. The Timber Committee forecasts reductions in forest products markets in 2001 and no significant recovery in 2002. Furthermore, uncertainty has increased since the 11 September 2001 terrorist attacks on the United States, which were not taken into account in the forecasts, prepared before the session.

The forest products sector, like other industry sectors, is increasingly influenced by globalisation, driven by economies of scale, rapid and free movement of capital, removal of trade barriers, better information and communication technology and cheaper transport. The most visible effects of globalisation in the sector are mergers and acquisitions among forest products companies, the emergence of multi-national buyers of forest products (e.g. large European and American DIY chains), global markets in a number of products, including fibre, pulp, newsprint, and some assortments of sawnwood and panels. Success of export-oriented plantations in locations with excellent growing conditions and productive species, is documented in the new FAO publication *State of the World's Forests 2001*. This has led to more vigorous competition on markets which had been traditionally domestic and small scale, as well as to innovation in products and marketing, modified industrial strategies, including, in some instances, outsourcing of production processes.

In light of the economic downturn in 2001, the Timber Committee stated that it is imperative to develop new products to expand existing markets and to establish new markets to meet consumers' needs. The Committee reasserted the importance for the forest products industry to work internationally to promote the environmental advantages of the sustainable production of wood.

An opportunity to address these issues would be provided at the Committee's seminar under preparation in Romania for March 2003 on promoting the use of wood as an environmentally friendly raw material.

The Committee discussed the need to increase the wood culture in the ECE region. Delegates mentioned on-going national and subregional campaigns to promote the use of wood. The Committee suggested coordinating efforts in order to achieve greater success.

Economic background

The global economy has been in a weak state since mid-2001. After the end of the long boom fed by investment in information and technology and the bubble in stock markets, some readjustment was inevitable. The three major world economies, North America, Japan and Europe, have all weakened simultaneously, for the first time since the early 1970s. Consumer and business confidence began to fall, a trend which was reinforced by the attacks of 11 September. This has increased the risk of a slide into recession in the major economies.

The outlook for the world economy is less favourable than before and huge uncertainty has been created, notably by the loss of the sense of security, leading to a "wait-and-see" attitude in many areas, including investment and consumption. Forecasts as of October 2001 are for GDP growth in 2001 of about 1% in the United States of America, and 1.8% in western Europe, with a 0.5% fall in Japan. There are downside risks arising from the consequences of the attacks of 11 September which are not as yet fully understood, the fragility of the Japanese economy, and the risk of a mutually reinforcing downward economic spiral.

In Russia, growth in 2001 has been slower than in 2000, but still healthy (+4.5% expected for 2001). Countries of central and eastern Europe are exposed to the risk of an economic downturn in

their major export customers, notably in western Europe.

United States housing activity showed some signs of slowing down, with August 2001 starts down to a seasonally adjusted annual rate of 1.527 million. In August, no significant further fall was expected, but the decline in consumer confidence might affect these forecasts.

In western Europe, total construction activity is expected to grow by only 1.3% in 2001, while new residential construction is expected to fall slightly (source: Euroconstruct). In Germany, completions of new dwellings in 2001 are expected to be about 3% lower than in 2000, with no upturn foreseen in 2002.

Certified Forest Products

The Committee continued to review the markets for certified forest products (CFPs) and the latest developments for certification systems. The area of forests certified in the world is now nearly 90 million hectares, with around 95% being in the ECE region. The area certified has expanded rapidly in the last year as more systems come on stream and more companies have been certified. In Europe, there are now two major systems in operation, the Forest Stewardship Council (FSC) and the Pan European Forest Certification (PEFC).

The main markets for certified products continue to be in parts of western Europe and North America. However, it was stressed that information on the number of products certified and the volume of wood they represent is still very limited. Final consumers appear to have little awareness of, and interest in certified products, as the main demand for CFPs is from retailers. A smaller, but important contributor to the demand is public procurement by central and local governments.

Continued growth is expected in area certified and number of certified products sold, as all certification schemes make further progress. Additionally, schemes in some developing countries are likely to be finalized. To date though, CFPs have a very limited share of the market.

There is increasing interest in mutual acceptance or recognition between different certification systems. Some concern was noted that the current conflict between systems in Europe makes it more difficult for consumers to decide whether wood

products can be bought with confidence. The result of this conflict is that products from more non-renewable materials such as concrete and steel, may gain market share at the expense of wood, which is a renewable material. Confidence in the instrument of certification could also be impaired. The Committee stressed that certification should not become a trade barrier.

Sawn softwood

Following record levels of consumption, production and trade in the UNECE region in 2000, sawn softwood markets are forecast to fall in 2001 and then possibly to improve in 2002. In Europe, consumption is forecast to fall by over 4% in 2001, down to 87 million m³ due to weaker economic conditions. Steeper drops are forecast for most western European countries than for countries in central and eastern Europe. Prices are at the lowest levels for many years in Europe, although exporters to the United States benefited from the strong dollar. There has been consolidation in the sawmilling industry throughout the ECE region. Some sawmills have closed in the region in response to low prices and oversupply. Commodity sawnwood manufacturers are continually moving towards value-added production including engineered wood products, for example glulam beams.

A slight improvement forecast for European sawn softwood markets in 2002 is uncertain, in the wake of the slowing global economy. European imports follow a similar pattern: they are forecast to drop by 5% to 37 million m³ in 2001, then possibly to improve slightly in 2002. While exports are forecast to be lower in 2001, continued strength is expected for exports to Asian destinations.

At the expiry of the Canada-United States Softwood Lumber Agreement in March 2001, the United States Coalition for Fair Lumber Imports Executive Committee filed for countervailing and anti-dumping duties to be imposed against Canada. Approximately 95% of United States imports of sawn softwood come from Canada, making up over a third of the United States consumption. At the present time, North American trade officials are discussing alternatives to litigation. Nevertheless, softwood trade has been disrupted. Many Canadian sawmills have reduced production and Canada estimated a 5% drop in exports, down to 46.5 million m³ in 2001, mainly due the United States trade dispute. United States forecasts for 2001 and 2002 for consumption were not

significantly different from the record 127 million m³ in 2000. This is positive news for European exporters to the United States, although again, caution should be exercised with these forecasts due to the current extraordinary economic uncertainty.

New housing construction remains high in the United States and houses have become larger and more complicated in design in recent years resulting in more wood per house. The repair and remodelling market share of sawn softwood consumption has grown to become as important as new residential construction. Engineered wood products continue to gain market share, for example approximately one third of new residential constructions employ wooden I-beams in floors.

Russia forecasts consumption of sawn softwood will increase in 2001, by 9% to reach 11 million m³, and a further rise of over 5% in 2002. Production is expected to rise by 5% in 2001, to 18 million m³, and by a further 5% in 2002. Domestic consumption should account for most of the increased production. Exports were not forecast to rise in 2001.

Sawn hardwood

European sawn hardwood markets were forecast to follow the same patterns as those of softwood, i.e., a decline from the record 2000 levels in 2001, then slight improvement in 2002. Sawn hardwood, certified as coming from sustainably managed forests, was said to be available for most species in adequate volumes to meet the current market demand.

North America produces and consumes 36.6 and 38.3 million m³ respectively, twice the volume of sawn hardwood as Europe. Record levels of production and consumption were reached in 2000. Both production and consumption were forecast to remain steady in 2001 and 2002. While imports were forecast to remain steady, exports were forecast to dip slightly in 2001 and recover in 2002. However, there are indications of sharply reduced production levels in mid-2001, increasing the uncertainty surrounding these forecasts.

There have been increased imports of value-added hardwood products, including tropical hardwoods, for example furniture and flooring. Hardwood flooring has been a growth market in both Europe and North America through 2000. However in

2001, flooring manufacturing has excess capacity and is in oversupply as housing demand slows.

Together, the United States, United Kingdom, Germany and France, along with Japan, import 60% by value of secondary-processed wood products. Imports of hardwood furniture are negatively affecting the United States furniture manufacturers, resulting in some plant closures in 2001. One third of United States furniture sales are of imported furniture, of which almost 30% comes from China. Rationalization of furniture manufacturing capacity is also occurring in western Europe.

Tropical timber producers continue to increase the share of further processed products in production at the expense of primary products (sawnwood, plywood, veneer and logs). The International Tropical Timber Organization (ITTO) forecasts that the value of exports of tropical secondary products will exceed primary products after 2003. ITTO forecasts increasing supplies from plantations in the tropics.

China is an important export market for the ECE region and temperate species imports increased to approximately the same volume as tropical species in 2000. ITTO expects China to import the greatest volume of primary tropical wood products in the near future. China's increased imports of wood are influenced by the reduction in domestic logging in three major watersheds, as well as the raw material needs of the exporters of wood based products such as furniture. Exports of wood products such as furniture which were increasing by 30% per year until 1999, accelerated in 2000 by a further 45%.

Wood-based panels

Wood-based panels consumption in Europe attained record levels in 2000, nearly 8% higher than in 1999. In certain countries during the last quarter, signs of slowdown appeared, but generally, the momentum of 2000 continued through the first quarter of 2001 but then slowed. From mid 2001, sluggish demand, coupled with continued capacity expansions, resulted in very competitive markets and weaker production growth rates. European markets for OSB seem to be the exception: demand is still strong, though prices are under pressure. Timber Committee forecasts for Europe show cutbacks in very competitive panel export markets and even more significant reductions in imports. Nevertheless, production forecasts are on the whole still positive, at a modest 1%.

The strong growth of the wood-based panels sector in North America over the last decade showed signs of decline in 2000. The 10% growth in consumption in 1999 was followed by a 2.5% increase in 2000. Continued capacity expansions in the OSB and particle board sectors disrupted markets with noticeable price swings, as supply increased faster than demand. Forecasts for increases in production and consumption are modest while major cutbacks are expected for imports and exports. APA- The Engineered Wood Association predicts that US softwood plywood production will fall to 14.6 million m³ in 2001 following the 15.5 million m³ of 2000.

In the Russian Federation overall consumption of wood-based panels is expected to go up by about 6% and 3% in 2001 and 2002, respectively, following the nearly 20% increase in 2000. Exports are also expected to increase somewhat as a result of the weak rouble, which improved competitiveness of Russian exports in world markets.

Pulp, paper and paperboard

The markets for both pulp and paper peaked around the end of 2000. For paper and paperboard production and consumption, 2001 estimates for Europe and North America were within 1% of the 2000 data, although some countries showed stronger fluctuations, up or down. North American production and consumption of pulp are expected to show minimal change but decreases of 1-2% are expected for Europe. Prices of some products, including market pulp, have been weakening despite the efforts by some producers to limit increases in capacity and production in line with real demand. Similar levels of production and consumption of both pulp and paper are forecast for 2002 as in 2001. Likewise no significant changes are forecast for trade in pulp and imports of paper in 2001 and 2002. Some paper exporting countries expect lower exports in 2001, with a recovery in 2002.

Russia foresees higher production, domestic consumption and exports of both pulp and paper in 2001 and 2002, spurred by the recovery of the Russian economy and the low rouble exchange rate.

Wood raw material

The extensive windthrow of approximately 200 million m³ from the December 1999 storms, which mainly affected France, Germany, Switzerland and Denmark, is still influencing roundwood supply in Europe, chiefly in the EU/EFTA subregion. In 2000, removals and exports of roundwood accelerated, by 12% and 50% respectively because of the need to clear windthrown timber. Removals fell however in other, unaffected countries. Strong demand in 2000 for wood raw material mitigated the negative effects of the windthrow. Actions by governments limited the drop of roundwood prices, although prices remain under pressure. After the useable wood will be brought out of the forests, removals in 2001 were forecast to decrease by 8%, to a level slightly below that of before the storm. Recent windthrow damages in Estonia in July 2001 drew attention to the fact that storm damage poses a permanent risk for roundwood markets. Silvicultural practices may be modified in an attempt to reduce future storm damage.

The removals in central and eastern European countries, as well as in North America, are expected to remain more or less stable in 2001 and 2002. Further stabilisation of the policy framework in some countries of the CIS is forecast to lead to an increase of removals for 2001 by nearly 10%, whereas the growth expectations for 2002 are significantly lower. Roundwood exports from CIS, chiefly from Russia, are forecast to grow in 2001, but to slow in 2002, as domestic demand in the CIS is expected to compete more successfully with exports.

Appendix 8

ITTO/UNECE/FAO/EUROSTAT Joint Forest Sector Questionnaire

2001



ITTO/UNECE/FAO/EUROSTAT
JOINT FOREST SECTOR QUESTIONNAIRE

2001

Please read the attached notes and definitions before completing the Questionnaire. Return the completed Questionnaire as soon as possible, but not later than 31 July 2001, to:

**International Tropical Timber Organization
International Organizations Center - 5th Floor
Pacifico-Yokohama
1-1-1, Minato-Mirai, Nishi-ku, Yokohama 220-0012 JAPAN
Fax: (81-45) 223-1111 Tel: (81-45) 223-1110
E-Mail: itto@itto.or.jp**



JOINT FOREST SECTOR QUESTIONNAIRE

DEFINITIONS

GENERAL TERMS

- C** ***Coniferous***
All woods derived from trees classified botanically as Gymnospermae, e.g. *Abies* spp., *Araucaria* spp., *Cedrus* spp., *Chamaecyparis* spp., *Cupressus* spp., *Larix* spp., *Picea* spp., *Pinus* spp., *Thuja* spp., *Tsuga* spp., etc. These are generally referred to as softwoods.
- NC** ***Non-coniferous***
All woods derived from trees classified botanically as Angiospermae, e.g. *Acer* spp., *Dipterocarpus* spp., *Entandrophragma* spp., *Eucalyptus* spp., *Fagus* spp., *Populus* spp., *Quercus* spp., *Shorea* spp., *Swietenia* spp., *Tectona* spp., etc. These are generally referred to as broadleaves or hardwoods.
- NC.T** ***Tropical***
Tropical timber is defined in the International Tropical Timber Agreement (1994) as follows "Non-coniferous tropical wood for industrial uses, which grows or is produced in the countries situated between the Tropic of Cancer and the Tropic of Capricorn. The term covers logs, sawnwood, veneer sheets and plywood. Plywood which includes in some measure conifers of tropical origin shall also be covered by the definition." For the purposes of this questionnaire, tropical sawnwood, veneer sheets and plywood shall also include products produced in non-tropical countries from imported tropical roundwood. Please indicate if statistics provided under "tropical" in this questionnaire may include species or products beyond the scope of this definition.

TRANSACTIONS

Removals

The volume of all trees, living or dead, that are felled and removed from the forest, other wooded land or other felling sites. **It includes** natural losses that are recovered (i.e. harvested), removals during the year of wood felled during an earlier period removals of non-stem wood such as stumps and branches (where these are harvested) and removal of trees killed or damaged by natural causes (i.e. natural losses), e.g. fire, windblown, insects and diseases. **It excludes** bark and other non-woody biomass and any wood that is not removed, e.g. stumps, branches and tree tops (where these are not harvested) and felling residues (harvesting waste). **It is reported in** cubic metres solid volume underbark (i.e. excluding bark). Where it is measured overbark (i.e. including bark), the volume has to be adjusted downwards to convert to an underbark estimate.

Production

The solid volume or weight of all production of the products specified below. **It includes** the production of products that may immediately be consumed in the production of another product (e.g. wood pulp, which may immediately be converted into paper as part of a continuous process). **It excludes** the production of veneer sheets that are used for plywood production within the same country. **It is reported in** cubic metres of solid volume in the case of roundwood, sawnwood and wood based panels and metric tonnes in the case of charcoal, pulp and paper products.

Imports (Quantity, Value)

Products imported for domestic consumption or processing shipped into a country. **It includes** imports for re-export. **It excludes** "In-transit" shipments. **It is reported in** cubic metres of solid volume or metric tonnes and values normally include cost, insurance and freight (i.e. CIF).

Exports (Quantity, Value)

Products of domestic origin or manufacture shipped out of the country. **It includes** re-exports. **It excludes** "in-transit" shipments. **It is reported in** cubic metres of solid volume or metric tonnes and values are normally recorded as free-on-board (i.e. FOB).

PRODUCTS

The names of individual forest products and product aggregates are listed below in the order in which they occur in the tables later on. Separate definitions are not provided for coniferous (C) and non-coniferous (NC) components where the general definition given above applies. Unless indicated otherwise, each forest product category includes both coniferous and non-coniferous components.

1. ROUNDWOOD

1.C Coniferous

1.NC Non-Coniferous

All roundwood felled or otherwise harvested and removed. It comprises all wood obtained from removals, i.e. the quantities removed from forests and from trees outside the forest, including wood recovered from natural, felling and logging losses during the period, calendar year or forest year. **It includes** all wood removed with or without bark, including wood removed in its round form, or split, roughly squared or in other form (e.g. branches, roots, stumps and burls (where these are harvested) and wood that is roughly shaped or pointed. **It is an aggregate comprising** wood fuel, including wood for charcoal and industrial roundwood (wood in the rough). **It is reported** in cubic metres solid volume underbark (i.e. excluding bark).

1.1 WOOD FUEL (INCLUDING WOOD FOR CHARCOAL)

1.1.C Coniferous

1.1.NC Non-Coniferous

Roundwood that will be used as fuel for purposes such as cooking, heating or power production. **It includes** wood harvested from main stems, branches and other parts of trees (where these are harvested for fuel) and wood that will be used for charcoal production (e.g. in pit kilns and portable ovens). The volume of roundwood used in charcoal production is estimated by using a factor of 6.0 to convert from the weight (mt) of charcoal produced to the solid volume (m³) of roundwood used in production. It also includes wood chips to be used for fuel that are made directly (i.e. in the forest) from roundwood. **It excludes** wood charcoal. **It is reported** in cubic metres solid volume underbark (i.e. excluding bark).

1.2 INDUSTRIAL ROUNDWOOD (WOOD IN THE ROUGH)

1.2.C Coniferous

1.2.NC Non-Coniferous

1.2.NC.T of which tropical

All roundwood except wood fuel. **In JQ1, it is an aggregate comprising** sawlogs and veneer logs; pulpwood, round and split; and other industrial roundwood. **It is reported** in cubic metres solid volume underbark (i.e. excluding bark). The customs classification systems used by most countries do not allow the division of Industrial Roundwood *trade* statistics into the different end-use categories that have long been recognized in *production* statistics (i.e. saw and veneer logs, pulpwood and other industrial roundwood). Thus, these components do not appear in JQ2. Category 1.2.NC.T does not appear in JQ1 as only minimal quantities of tropical industrial roundwood are removed from countries classified as non-tropical (i.e. Australia, China) and all non-coniferous removals in tropical countries fall into this category by definition. **It excludes:** telephone poles.

1.2.1 SAWLOGS AND VENEER LOGS

1.2.1.C Coniferous

1.2.1.NC Non-Coniferous

Roundwood that will be sawn (or chipped) lengthways for the manufacture of sawnwood or railway sleepers (ties) or used for the production of veneer (mainly by peeling or slicing). **It includes** roundwood (whether or not it is roughly squared) that will be used for these purposes; shingle bolts and stave bolts; match billets and other special types of roundwood (e.g. burls and roots, etc.) used for veneer production. **It is reported** in cubic metres solid volume underbark (i.e. excluding bark).

1.2.2 PULPWOOD, ROUND AND SPLIT

1.2.2.C Coniferous

1.2.2.NC Non-Coniferous

Roundwood that will be used for the production of pulp, particleboard or fibreboard. It includes: roundwood (with or without bark) that will be used for these purposes in its round form or as splitwood or wood chips made directly (i.e. in the forest) from roundwood. It is reported in cubic metres solid volume underbark (i.e. excluding bark).

1.2.3 OTHER INDUSTRIAL ROUNDWOOD

1.2.3.C Coniferous

1.2.3.NC Non-Coniferous

Industrial roundwood (wood in the rough) other than sawlogs, veneer logs and/or pulpwood. **It includes** roundwood that will be used for poles, piling, posts, fencing, pitprops tanning, distillation and match blocks, etc. **It is reported in** cubic metres solid volume underbark (i.e. excluding bark).

2 WOOD CHARCOAL

Wood carbonised by partial combustion or the application of heat from external sources. **It includes** charcoal used as a fuel or for other uses, e.g. as a reduction agent in metallurgy or as an absorption or filtration medium. **It is reported in** metric tonnes.

3 CHIPS AND PARTICLES

Wood that has been deliberately reduced to small pieces during the manufacture of other wood products and is suitable for pulping, for particle board and fibreboard production, for use as a fuel, or for other purposes. **It excludes** wood chips made directly (i.e. in the forest) from roundwood (i.e. already counted as pulpwood, round and split). **It is reported in** cubic metres solid volume excluding bark.

4 WOOD RESIDUES

The volume of roundwood that is left over after the production of forest products in the forest processing industry (i.e. forest processing residues) and that has not been reduced to chips or particles. **It includes** sawmill rejects, slabs, edgings and trimmings, veneer log cores, veneer rejects, sawdust, residues from carpentry and joinery production, etc. **It excludes** wood chips made either directly (i.e. in the forest) from roundwood or made from residues (i.e. already counted as pulpwood, round and split or wood chips and particles). **It is reported in** cubic metres solid volume excluding bark.

5 SAWNWOOD

5.C Coniferous

5.NC Non-Coniferous

5.NC.T of which tropical

Wood that has been produced from both domestic and imported roundwood, either by sawing lengthways or by a profile-chipping process and that, with a few exceptions, exceeds 5 mm in thickness. **It includes** planks, beams, joists, boards, rafters, scantlings, laths, boxboards and "lumber", etc., in the following forms: unplanned, planed, finger-jointed, etc. **It excludes** sleepers, wooden flooring, mouldings (sawnwood continuously shaped along any of its edges or faces, like tongued, grooved, rebated, V-jointed, beaded, moulded, rounded or the like) and sawnwood produced by resawing previously sawn pieces. **It is reported in** cubic metres solid volume.

6 WOOD-BASED PANELS

In JQ1 and JQ2, this product category is an aggregate comprising veneer sheets, plywood, particle board, and fibreboard. **It is reported in** cubic metres solid volume.

6.1 VENEER SHEETS

6.1.C Coniferous

6.1.NC Non-Coniferous

6.1.NC.T of which tropical

Thin sheets of wood of uniform thickness, rotary cut (i.e. peeled), sliced or sawn. **It includes** wood used for the manufacture of laminated construction material, furniture, veneer containers, etc. **It excludes** wood used for plywood production within the same country. **It is reported in** cubic metres solid volume.

6.2 **PLYWOOD**

6.2.C **Coniferous**

6.2.NC **Non-Coniferous**

6.2.NC.T **of which tropical**

A panel consisting of an assembly of veneer sheets bonded together with the direction of the grain in alternate plies generally at right angles. The veneer sheets are usually placed symmetrically on both sides of a central ply or core that may itself be made from a veneer sheet or another material. **It includes** *veneer plywood* (plywood manufactured by bonding together more than two veneer sheets, where the grain of alternate veneer sheets is crossed, generally at right angles); *core plywood* or *blockboard* (plywood with a solid core (i.e. the central layer, generally thicker than the other plies) that consists of narrow boards, blocks or strips of wood placed side by side, which may or may not be glued together); *cellular board* (plywood with a core of cellular construction); and *composite plywood* (plywood with the core or certain layers made of material other than solid wood or veneers). **It excludes** laminated construction materials (e.g. glulam), where the grain of the veneer sheets generally runs in the same direction. **It is reported in** cubic metres solid volume. Non-coniferous (tropical) plywood is defined as having at least one face sheet of non-coniferous (tropical) wood. If substantial quantities of mixed (coniferous/non-coniferous) plywood are included in reported statistics, an explanatory note should be provided.

6.3 **PARTICLE BOARD (INCLUDING ORIENTED STRANDBOARD (OSB))**

A panel manufactured from small pieces of wood or other ligno-cellulosic materials (e.g. chips, flakes, splinters, strands, shreds, shives, etc.) bonded together by the use of an organic binder together with one or more of the following agents: heat, pressure, humidity, a catalyst, etc. The particle board category is an aggregate category. **It includes** particle board; oriented strandboard (OSB) and flaxboard. **It excludes** wood wool and other particle boards bonded together with inorganic binders. **It is reported in** cubic metres solid volume.

6.3.1 **ORIENTED STRANDBOARD (OSB)**

A structural board in which layers of narrow wafers are layered alternately at right angles in order to give the board greater elastomechanical properties. The wafers, which resemble small pieces of veneer, are coated with e.g. waterproof phenolic resin glue, interleaved together in mats and then bonded together under heat and pressure. The resulting product is a solid, uniform building panel having high strength and water resistance. **It includes:** waferboard and oriented strandboard (OSB). **It is reported in** cubic metres solid volume.

6.4 **FIBREBOARD**

A panel manufactured from fibres of wood or other ligno-cellulosic materials with the primary bond deriving from the felting of the fibres and their inherent adhesive properties (although bonding materials and/or additives may be added in the manufacturing process). **It includes** fibreboard panels that are flat-pressed and moulded fibreboard products. **In JQ1 and JQ2, it is an aggregate comprising** hardboard; medium density fibreboard (MDF); and insulating board. **It is reported in** cubic metres solid volume.

6.4.1 **HARDBOARD**

Fibreboard of a density exceeding 0.8 g/cm^3 . **It excludes** similar products made from pieces of wood, wood flour or other ligno-cellulosic material where additional binders are required to make the panel; and panels made of gypsum or other mineral material. **It is reported in** cubic metres solid volume.

6.4.2 **MEDIUM DENSITY FIBREBOARD (MDF)**

Fibreboard of a density exceeding 0.5 g/cm^3 but not exceeding 0.8 g/cm^3 . **It is reported in** cubic metres solid volume.

6.4.3 **INSULATING BOARD**

Fibreboard of a density not exceeding 0.5 g/cm^3 . **It is reported in** cubic metres solid volume.

7 **WOOD PULP**

Fibrous material prepared from pulpwood, wood chips, particles or residues by mechanical and/or chemical process for further manufacture into paper, paperboard, fibreboard or other cellulose products. **In JQ1 and JQ2, it is an aggregate comprising** mechanical wood pulp; semi-chemical wood pulp; chemical wood pulp; and dissolving wood pulp. **It is reported in** metric tonnes air-dry weight (i.e. with a 10% moisture content).

7.1 **MECHANICAL WOOD PULP**

Wood pulp obtained by grinding or milling pulpwood or residues into fibres, or through refining chips or particles. Also called groundwood pulp and refiner pulp, it may be bleached or unbleached. **It includes** chemi-mechanical and thermo-mechanical pulp. **It excludes** exploded and defibrillated pulp. **It is reported in** metric tonnes air-dry weight (i.e. with 10% moisture content).

7.2 **SEMI-CHEMICAL WOOD PULP**

Wood pulp obtained by subjecting pulpwood, wood chips, particles or residues to a series of mechanical and chemical treatments, none of which alone is sufficient to make the fibres separate readily. It may be bleached or unbleached. **It includes** semi-chemical wood pulp; chemi-groundwood pulp; and chemi-mechanical wood pulp etc. (named in the order and importance of the treatment during the manufacturing process). **It is reported in** metric tonnes air-dry weight (i.e. with 10% moisture content).

7.3 **CHEMICAL WOOD PULP**

Wood pulp obtained by subjecting pulpwood, wood chips, particles or residues to a series of chemical treatments. **It includes** sulphate (kraft) wood pulp; soda wood pulp and sulphite wood pulp. It may be bleached, semi-bleached or unbleached. **It excludes** dissolving grades of wood pulp. **It is reported in** metric tonnes air-dry weight (i.e. with 10% moisture content). If available, statistics for the following four component pulps are also requested: unbleached sulphite pulp; bleached sulphite pulp; unbleached sulphate pulp; and bleached sulphate pulp.

7.3.1 **SULPHATE UNBLEACHED PULP**

7.3.2 **SULPHATE BLEACHED PULP**

Wood pulp obtained by mechanically reducing pulpwood, wood chips, particles or residues to small pieces that are subsequently cooked in a pressure vessel in the presence of sodium hydroxide cooking liquor (soda pulp) or a mixture of sodium hydroxide and sodium sulphite cooking liquor (sulphate pulp). **It excludes** dissolving grades of wood pulp. **It is reported in** metric tonnes air-dry weight (i.e. with a 10% moisture content). Data for two classes (bleached, including semi-bleached, and unbleached) are requested separately.

7.3.3 **SULPHITE UNBLEACHED PULP**

7.3.4 **SULPHITE BLEACHED PULP**

Wood pulp obtained by mechanically reducing pulpwood, wood chips, particles or residues to small pieces that are subsequently cooked in a pressure vessel in the presence of a bisulphite cooking liquor. Bisulphites such as ammonium, calcium, magnesium and sodium are commonly used in this process. **It excludes** dissolving grades of wood pulp. **It is reported in** metric tonnes air-dry weight (i.e. with a 10% moisture content). Data for two classes (bleached, including semi-bleached, and unbleached) are requested separately.

7.4 **DISSOLVING GRADES**

Chemical pulp (sulphate, soda or sulphite) made from wood of special quality, with a very high alpha-cellulose content (usually 90 percent and over). This type of pulp is always bleached and is readily adaptable for uses other than papermaking. It is used principally as a source of cellulose in the manufacture of products such as synthetic fibres, cellulose plastic materials, lacquers and explosives. **It is reported in** metric tonnes air-dry weight (i.e. with 10% moisture content).

8 **OTHER PULPS**

Pulp manufactured from waste paper or from fibrous vegetable materials other than wood and used for the manufacture of paper, paperboard and fibreboard. **In JQ1 and JQ2, it is an aggregate comprising pulp from fibres other than wood and recovered fibre pulp. It is reported in** metric tonnes air-dry weight (i.e. with 10% moisture content).

8.1 **PULP FROM FIBRES OTHER THAN WOOD**

Pulp manufactured from fibrous vegetable materials other than wood and used for the manufacture of paper, paperboard and fibreboard. **It excludes** pulp made from recovered paper. **It includes** pulps made from: straw; bamboo; bagasse; esparto; other reeds or grasses; cotton fibres; flax; hemp; rags; and other textile wastes. **It is reported in** metric tonnes air-dry weight (i.e. with 10% moisture content).

8.2 **RECOVERED FIBRE PULP**

Pulp manufactured from recovered paper or paperboard and used for the manufacture of paper, paperboard and fibreboard. **It excludes** pulp made from straw; bamboo; bagasse; esparto; other reeds or grasses; cotton fibres; flax; hemp; rags; and other textile wastes. **It is reported in** metric tonnes air-dry weight (i.e. with 10% moisture content).

9 **RECOVERED PAPER**

Waste and scraps of paper or paperboard that have been collected for re-use as a raw material for the manufacture of paper and paperboard. **It includes** paper and paperboard that has been used for its original purpose and residues from paper and paperboard production. **It is reported in** metric tonnes.

10 PAPER AND PAPERBOARD

The paper and paperboard category is an aggregate category. **In the production and trade statistics, it represents the sum of:** graphic papers; sanitary and household papers; packaging materials and other paper and paperboard. Products in this category are generally manufactured in strips or rolls of a width exceeding 15 cm (36 cm for HS 48.13 and 48.19) or in rectangular sheets with one side exceeding 36 cm and the other exceeding 15 cm in the unfolded state. **It excludes** manufactured paper products such as boxes, cartons, books and magazines, etc. **It is reported in metric tonnes.**

10.1 GRAPHIC PAPERS

The paper and paperboard category is an aggregate category. **In the production and trade statistics, it represents the sum of:** newsprint; uncoated mechanical; uncoated woodfree and coated papers. Products in this category are generally manufactured in strips or rolls of a width exceeding 15 cm (36 cm for HS 48.13 and 48.19) or in rectangular sheets with one side exceeding 36 cm and the other exceeding 15 cm in the unfolded state. **It excludes** manufactured paper products such as books and magazines, etc. **It is reported in metric tonnes.**

10.1.1 NEWSPRINT

Paper mainly used for printing newspapers. It is made largely from mechanical pulp and/or waste paper, with or without a small amount of filler. Weights usually range from 40 to 52g/m² but can be as high as 65g/m². Newsprint is machine finished or slightly calendered, white or slightly coloured and is used in reels for letterpress, offset or flexo printing. **It is reported in metric tonnes.**

10.1.2 UNCOATED MECHANICAL

Paper suitable for printing or other graphic purposes where less than 90% of the fibre furnish consists of chemical pulp fibres. This grade is also known as groundwood or wood-containing paper and magazine paper, such as heavily filled supercalendered paper for consumer magazines printed by the rotogravure and offset methods. **Excluded:** Wallpaper base. **It is reported in metric tonnes.**

10.1.3 UNCOATED WOODFREE

Paper suitable for printing or other graphic purposes, where at least 90% of the fibre furnish consists of chemical pulp fibres. Uncoated woodfree paper can be made from a variety of furnishes, with variable levels of mineral filler and a range of finishing processes such as sizing, calendering, machine glazing and watermarking. This grade includes most office papers, such as business forms, copier, computer, stationery and book papers. Pigmented and size press "coated" papers (coating less than 5g per side) are covered by this heading. **Excluded:** Wallpaper base. **It is reported in metric tonnes.**

10.1.4 COATED PAPERS

All paper suitable for printing or other graphic purposes and coated on one or both sides with carbon or minerals such as china clay (kaolin), calcium carbonate, etc. Coating may be by a variety of methods, both on-machine and off-machine, and may be supplemented by supercalendering. **Included:** Raw carbon and self-copy paper in rolls or sheets. **Excluded:** Other copying and transfer papers. **It is reported in metric tonnes.**

10.2 SANITARY AND HOUSEHOLD PAPERS

This covers the stock of a wide range of tissue and other hygienic papers for use in households or commercial and industrial premises. Examples are toilet paper and facial tissues, kitchen towels, hand towels and industrial wipes. Some tissue is also used in the manufacture of babies napkins, sanitary towels, etc.

The parent reel stock is made from virgin pulp or recovered fibre or mixtures of these. Final products cut to size or in rolls not exceeding 36cm are excluded here. **It is reported in metric tonnes.**

10.3 PACKAGING MATERIALS

Paper or paperboard mainly used for wrapping and packaging purposes. **Excluded:** Unbleached kraft paper and paperboard that are no Sack kraft paper or Kraftliner and weighing more than 150 g/m² but less than 225 g/m²; felt paper and paperboard; Tracing papers; not further processed uncoated paper weighing 225 g/m² or more. **It is reported in metric tonnes.**

10.3.1 CASE MATERIALS

Papers and boards mainly used in the manufacture of corrugated board. They are made from any combination of virgin and recovered fibres and can be bleached, unbleached or mottled. Included are kraftliner, testliner, semi-chemical fluting, and waste-based fluting (Wellenstoff). **It is reported in metric tonnes.**

10.3.2 FOLDING BOXBOARD

Often referred to as Cartonboard, it may be single or multiply, coated or uncoated. It is made from virgin and/or recovered fibres, and has good folding properties, stiffness and scoring ability. It is mainly used in cartons for consumer products such as frozen food and for liquid containers. **Included:** paper and paperboard covered or coated with plastics (excluding adhesives); coated Multi-ply not uniformly bleached throughout the mass. **It is reported in metric tonnes.**

10.3.3 WRAPPING PAPERS

Wrappings (up to 150 g/m²): Papers whose main use is wrapping or packaging made from any combination of virgin or recovered fibres, bleached or unbleached. They may be subject to various finishing and/or marking processes. **Included** are sack kraft, other wrapping kraits, sulphite and greaseproof papers as well as coated paper and paperboard not uniformly bleached throughout the mass, except Multi-ply. **Excluded:** Tracing papers. **It is reported in metric tonnes.**

10.3.4 OTHER PAPERS MAINLY FOR PACKAGING

This category embraces all papers and boards mainly for packaging purposes other than those listed above. Most are produced from recovered fibres, e.g. greyboards, and go for conversion, which in some cases may be for end-uses other than packaging. **Included:** Composite, not coated, paper and paper board of flat layers stuck together. **It is reported in metric tonnes.**

10.4 OTHER PAPER AND PAPERBOARD N.E.S. (NOT ELSEWHERE SPECIFIED)

Other papers and boards for industrial and special purposes. This category includes cigarette papers and stock of filter papers, as well as gypsum liners and special papers for waxing, insulating, roofing, asphaltting, and other specific applications or treatments. **Excluded:** All composite, not coated, paper and paper board of flat layers stuck together; coated paper and paperboard not uniformly bleached throughout the mass; paper and paperboard covered or coated with plastics (excluding adhesives). **Included:** wallpaper base; Unbleached kraft paper and paperboard that are no Sack kraft paper or Kraftliner and weighing more than 150 g/m² but less than 225 g/m²; felt paper and paperboard; Tracing papers; not further processed uncoated paper weighing 225 g/m² or more. Raw copying and transfer papers, in rolls or sheets except carbon or self-copy paper. **It is reported in metric tonnes.**

SECONDARY PROCESSED WOOD AND PAPER PRODUCTS

11.1 **FURTHER PROCESSED SAWNWOOD**

11.1.C **Coniferous**

11.1.NC **Non-Coniferous**

11.1.NC.T **of which tropical**

Wood sawn or chipped lengthwise (including strips and friezes for parquet flooring, not assembled) and continuously shaped (tongued, grooved, rebated, V-jointed, beaded, moulded, rounded or the like) along any of its edges or faces, whether or not planed, sanded or finger jointed. **Excludes:** sawn or chipped wood with further treatment of edges and/or faces other than planing, or sanding.

11.2 **WOODEN WRAPPING AND PACKAGING MATERIAL**

Packing cases, boxes, crates, drums and similar packings, of wood; cable-drums of wood; pallets, box pallets and other load boards, of wood; pallet collars of wood. Casks, barrels, vats, tubs and other coopers' products and parts thereof, of wood, including staves.

11.3 **BUILDER'S JOINERY AND CARPENTRY OF WOOD**

Including windows and doors and coverings thereof as well as cellular wood panels, assembled parquet panels, shingles and shakes.

11.4 **WOODEN FURNITURE**

Seats with wooden frames as wooden camping and garden seats etc. and parts thereof. **Except:** seats convertible into beds, swivel seats, medical seats.

Wooden furniture other than seats as of a kind used in offices, in the kitchen, bedrooms and elsewhere, as well as parts of all these.

11.5 **PREFABRICATED BUILDINGS**

11.5.1 **PREFABRICATED BUILDINGS PREPONDERANTLY MADE OF WOOD**

E.g.: Log cabins, houses prefabricated from particle board.

11.6 **PAPER PRODUCTS**

11.6.1 **COMPOSITE PAPER AND PAPERBOARD**

Composite paper and paperboard (made by sticking flat layers of paper or paperboard together with an adhesive), not surface-coated or impregnated, whether or not internally reinforced, in rolls or sheets

11.6.2 **SPECIAL COATED PAPER AND PULP PRODUCTS**

Paper, paperboard, cellulose wadding and webs of cellulose fibres, coated, impregnated, covered, surface-coloured, surface-decorated or printed, in rolls or sheets. **Excluded:** Composite paper and paperboard (made by sticking flat layers of paper or paperboard together with an adhesive), not surface-coated or impregnated, but possibly laminated internally with bitumen, tar or asphalt, in rolls or sheets.

11.6.3 **CARBON PAPER AND COPYING PAPER, READY FOR USE**

Carbon paper, self-copy paper and other copying or transfer, duplicator stencils and offset plates, of paper, whether or not put up in boxes. **Excluded:** Raw carbon, self-copy and other copying or transfer papers in paper in rolls or sheets.

11.6.4 **HOUSEHOLD AND SANITARY PAPER**

Products ready for use: toilet paper and similar paper, cellulose wadding or webs of cellulose fibres, of a kind used for household or sanitary purposes, in rolls of a width not exceeding 36 cm, or cut to size or shape; **included:** e. g. handkerchiefs, cleansing tissues, towels, tablecloths, serviettes, napkins for babies, tampons, bed sheets and similar household, sanitary or hospital articles, articles of apparel and clothing accessories, of paper pulp, paper, cellulose wadding or webs of cellulose fibres. **excluded:** sanitary paper produced stock.

11.6.5 **PACKAGING CARTONS, BOXES ETC.**

Cartons, boxes, cases, bags and other packing containers, of paper, paperboard, cellulose wadding or webs of cellulose fibres; box files, letter trays, and similar articles, of paper or paperboard of a kind used in offices, shops or the like.

11.6.6 OTHER ARTICLES OF PAPER AND PAPERBOARD, READY FOR USE

Products ready for use: e.g. wallpaper and similar wall coverings; window transparencies of paper; floor coverings on a base of paper or of paperboard, whether or not cut to size; all office material like for correspondence, document storage as well as albums, labels of all kinds, bobbins, spools, cops and similar supports of paper pulp, paper or paperboard (whether or not perforated or hardened); all other paper, paperboard, cellulose wadding and webs of cellulose fibres, cut to size or shape; other articles of paper pulp, paper, paperboard, cellulose wadding or webs of cellulose fibres.

11.6.6.1 FILTER PAPER AND PAPERBOARD, READY FOR USE**11.6.6.2 PRINTING AND WRITING PAPER, READY FOR USE**

For example: strips or rolls for office machines, continuous forms

11.6.6.3 ARTICLES, MOULDED OR PRESSED FROM PULP

For example: packagings for eggs

11.7 PRINTED ARTICLES**11.7.1 PRINTED BOOKS**

Printed books, brochures, leaflets and similar printed matter, whether or not in single sheets.

11.7.2 NEWSPAPERS

Newspapers, journals and periodicals, whether or not illustrated or containing advertising material.

11.7.3 OTHER PRINTED ARTICLES

Children's picture, drawing or colouring books; music, printed or in manuscript, whether or not bound or illustrated; maps and hydrographic or similar charts of all kinds, including atlases, wall maps, topographical plans and globes, printed; plans and drawings for architectural, engineering, industrial, commercial, topographical or similar purposes, being originals drawn by hand; hand-written texts; photographic reproductions on sensitised paper and carbon copies of the foregoing; unused postage, revenue or similar stamps of current or new issue in the country to which they are destined; stamp-impressed paper; banknotes; cheque forms; stock, share or bond certificates and similar documents of title; transfers (decalcomania); printed or illustrated postcards; printed cards bearing personal greetings, messages or announcements, whether or not illustrated, with or without envelopes or trimmings; calendars of any kind, printed, including calendar blocks; other printed matter, including printed pictures and photographs.

STANDARD CONVERSION FACTORS USED IN PREPARING TABLES OF PRODUCTION AND TRADE

Units	Metric Equivalents
1 inch	= 25.4 millimetres
1 square foot	= 0.0929 square metre
1 cubic foot	= 0.02832 cubic metre
1 short ton	= 0.9072 metric ton
1 long ton	= 1.016 metric ton

Forest Products Measures

Product and Unit	Cubic Metres	Cubic Feet	1000 Board Feet	Standard (Petrograd)
ROUNDWOOD				
1 hoppus cubic foot	0.03605	1.273		
1 ton of 5 hoppus cubic feet	1.8027	63.66		
1 cunit ¹	2.83	100		
1 cord ¹	3.625	128		
1 stere ¹	1	35.315		
1 fathom ¹	6.1164	216		
SAWNWOOD				
1 standard (Petrograd)	4.672	165	1.98	1
1 000 board/super feet	2.36	83.33	1	0.505
1 ton of 50 cubic feet	1.416	50	0.6	0.303
WOOD-BASED PANELS				
1 000 square metres (1 millimetre thickness)	1	35.315	0.4238	
1 000 square feet (1/8 inch thickness)	0.295	10.417	0.125	

¹ Stacked volume

Approximate Equivalents for Forest Measures

Product and Unit	Cubic Metres	Cubic Feet
	Solid volume without bark	
SAWLOGS AND VENEER LOGS		
1 000 board/super feet	4.53	160
PULPWOOD ROUND AND SPLIT		
1 stere	0.72	25.4
1 cord	2.55	90
WOOD FUEL		
1 stere	0.65	23
1 cord	2.12	74.9
1 000 stacked cubic feet	18.41	650

Weight and Volume

Product	Kg/CUM			CUM/MT		
	G	C	NC	G	C	NC
WOOD FUEL, INCLUDING WOOD FOR CHARCOAL	725	625	750	1.38	1.60	1.33
WOOD CHARCOAL	167					
SAWLOGS AND VENEER LOGS						
Tropical			730			1.37
Other		700	800		1.43	1.25
PULPWOOD, ROUND AND SPLIT	675	650	750	1.48	1.54	1.33
OTHER INDUSTRIAL ROUNDWOOD	750	700	800	1.33	1.43	1.25
SAWNWOOD		550	700		1.82	1.43
VENEER SHEETS	750			1.33		
PLYWOOD	650			1.54		
PARTICLE BOARD	650			1.54		
HARDBOARD	950			1.053		
MEDIUM DENSITY FIBREBOARD (MDF)				2		
INSULATING BOARD	250			4		

Note: G = general; C = coniferous; NC = non-coniferous

JFSQ ITEM CODES

Below are algebraic expressions of the relationships of items in the JFSQ. These are to help in understanding and filling out the JFSQ in a way to minimize inconsistencies.

1. $= 1.1 + 1.2$
 $= 1.C + 1.NC$
 1.1 $= 1.1.C + 1.1.NC$
 1.2 $= 1.2.1 + 1.2.2 + 1.2.3$
 $= 1.2.C + 1.2.NC$
 $= 1.2.1.C + 1.2.1.NC + 1.2.2.C + 1.2.2.NC + 1.2.3.C + 1.2.3.NC$
 1.2.NC $\geq 1.2.NC.T$
 1.2.1 $= 1.2.1.C + 1.2.1.NC$
 1.2.2 $= 1.2.2.C + 1.2.2.NC$
 1.2.3 $= 1.2.3.C + 1.2.3.NC$

- 5 $= 5.C + 5.NC$
 5.NC $\geq 5.NC.T$

- 6 $= 6.1 + 6.2 + 6.3 + 6.4$
 6.1 $= 6.1.C + 6.1.NC$
 6.1.NC $\geq 6.1.NC.T$
 6.2 $= 6.2.C + 6.2.NC$
 6.2.NC $\geq 6.2.NC.T$
 6.3 $\geq 6.3.1$
 6.4 $= 6.4.1 + 6.4.2 + 6.4.3$

- 7 $= 7.1 + 7.2 + 7.3 + 7.4$
 7.3 $= 7.3.1 + 7.3.2 + 7.3.3 + 7.3.4$

- 8 $= 8.1 + 8.2$

- 10 $= 10.1 + 10.2 + 10.3 + 10.4$
 10.1 $= 10.1.1 + 10.1.2 + 10.1.3 + 10.1.4$
 10.3 $= 10.3.1 + 10.3.2 + 10.3.3 + 10.3.4$

SYMBOL USAGE

We urge respondents to fill in the questionnaire completely. If, however, this is not possible, please try to use the following symbols. Blank spaces leave us unsure whether the data are not available or whether they are zero.

- ... = not available (please make an estimate!)
- 0 = nil or less than half the unit indicated
- +++ = confidential

CONVERSION FACTORS

A page of conversion factors is included in the general notes that accompanies the JFSQ. The same page can be found in the FAO Yearbook of Forest Products. Please note that these factors are very general and should only be used if you find it impossible to locate country- or product-specific factors. For example the conversion from tonnes of roundwood to m³ varies by 15% between coniferous and non-coniferous and even greater variations can be found between species.

A frequent area of difficulty is converting the square meters often available in wood-based panels to the cubic meters required by the JFSQ. Please determine the standard conventional thickness for the products in your country. Usually the best source for this is the national panel association, mills within your country or international panel associations.



JQ1

FOREST SECTOR QUESTIONNAIRE Removals and Production

Country:	Date:
Name of Official responsible for reply:	
Official Address (in full):	
Telephone:	
Fax:	
E-mail:	

Product Code	Product	Unit	1999 Quantity	2000 Quantity
ROUNDWOOD REMOVALS				
1	ROUNDWOOD	1000 m ³		
1.C	Coniferous	1000 m ³		
1.NC	Non-Coniferous	1000 m ³		
1.1	WOOD FUEL, INCLUDING WOOD FOR CHARCOAL	1000 m ³		
1.1.C	Coniferous	1000 m ³		
1.1.NC	Non-Coniferous	1000 m ³		
1.2	INDUSTRIAL ROUNDWOOD (WOOD IN THE ROUGH)	1000 m ³		
1.2.C	Coniferous	1000 m ³		
1.2.NC	Non-Coniferous	1000 m ³		
1.2.1	SAWLOGS AND VENEER LOGS	1000 m ³		
1.2.1.C	Coniferous	1000 m ³		
1.2.1.NC	Non-Coniferous	1000 m ³		
1.2.2	PULPWOOD (ROUND & SPLIT)	1000 m ³		
1.2.2.C	Coniferous	1000 m ³		
1.2.2.NC	Non-Coniferous	1000 m ³		
1.2.3	OTHER INDUSTRIAL ROUNDWOOD	1000 m ³		
1.2.3.C	Coniferous	1000 m ³		
1.2.3.NC	Non-Coniferous	1000 m ³		
PRODUCTION				
2	WOOD CHARCOAL	1000 mt		
3	WOOD CHIPS AND PARTICLES	1000 m ³		
4	WOOD RESIDUES	1000 m ³		
5	SAWNWOOD	1000 m ³		
5.C	Coniferous	1000 m ³		
5.NC	Non-Coniferous	1000 m ³		
5.NC.T	of which:Tropical	1000 m ³		
6	WOOD-BASED PANELS	1000 m ³		
6.1	VENEER SHEETS	1000 m ³		
6.1.C	Coniferous	1000 m ³		
6.1.NC	Non-Coniferous	1000 m ³		
6.1.NC.T	of which:Tropical	1000 m ³		
6.2	PLYWOOD	1000 m ³		
6.2.C	Coniferous	1000 m ³		
6.2.NC	Non-Coniferous	1000 m ³		
6.2.NC.T	of which:Tropical	1000 m ³		
6.3	PARTICLE BOARD (including OSB)	1000 m ³		
6.3.1	of which:OSB	1000 m ³		
6.4	FIBREBOARD	1000 m ³		
6.4.1	HARDBOARD	1000 m ³		
6.4.2	MDF (MEDIUM DENSITY)	1000 m ³		
6.4.3	INSULATING BOARD	1000 m ³		
7	WOOD PULP	1000 mt		
7.1	MECHANICAL	1000 mt		
7.2	SEMI-CHEMICAL	1000 mt		
7.3	CHEMICAL	1000 mt		
7.3.1	SULPHATE UNBLEACHED	1000 mt		
7.3.2	SULPHATE BLEACHED	1000 mt		
7.3.3	SULPHITE UNBLEACHED	1000 mt		
7.3.4	SULPHITE BLEACHED	1000 mt		
7.4	DISSOLVING GRADES	1000 mt		
8	OTHER PULP	1000 mt		
8.1	PULP FROM FIBRES OTHER THAN WOOD	1000 mt		
8.2	RECOVERED FIBRE PULP	1000 mt		
9	RECOVERED PAPER	1000 mt		
10	PAPER AND PAPERBOARD	1000 mt		
10.1	GRAPHIC PAPERS	1000 mt		
10.1.1	NEWSPRINT	1000 mt		
10.1.2	UNCOATED MECHANICAL	1000 mt		
10.1.3	UNCOATED WOODFREE	1000 mt		
10.1.4	COATED PAPERS	1000 mt		
10.2	SANITARY AND HOUSEHOLD PAPERS	1000 mt		
10.3	PACKAGING MATERIALS	1000 mt		
10.3.1	CASE MATERIALS	1000 mt		
10.3.2	FOLDING BOXBOARD	1000 mt		
10.3.3	WRAPPING PAPERS	1000 mt		
10.3.4	OTHER PAPERS MAINLY FOR PACKAGING	1000 mt		
10.4	OTHER PAPER AND PAPERBOARD N.E.S.	1000 mt		



JQ2

FOREST SECTOR QUESTIONNAIRE

Trade

Country:	Date:
Name of Official responsible for reply:	
Official Address (in full):	
Telephone:	Fax:
E-mail:	

Specify Currency and Unit of Value (e.g.:1000 US \$):





Product code	Product	Unit of quantity	I M P O R T				E X P O R T			
			1999		2000		1999		2000	
			Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
1	ROUNDWOOD	1000 m ³								
1.1	WOOD FUEL, INCLUDING WOOD FOR CHARCOAL	1000 m ³								
1.2	INDUSTRIAL ROUNDWOOD (WOOD IN THE ROUGH)	1000 m ³								
1.2.C	Coniferous	1000 m ³								
1.2.NC	Non-Coniferous	1000 m ³								
1.2.NC.T	of which: Tropical	1000 m ³								
2	WOOD CHARCOAL	1000 mt								
3	WOOD CHIPS AND PARTICLES	1000 m ³								
4	WOOD RESIDUES	1000 m ³								
5	SAWNWOOD	1000 m ³								
5.C	Coniferous	1000 m ³								
5.NC	Non-Coniferous	1000 m ³								
5.NC.T	of which: Tropical	1000 m ³								
6	WOOD-BASED PANELS	1000 m ³								
6.1	VENEER SHEETS	1000 m ³								
6.1.C	Coniferous	1000 m ³								
6.1.NC	Non-Coniferous	1000 m ³								
6.1.NC.T	of which: Tropical	1000 m ³								
6.2	PLYWOOD	1000 m ³								
6.2.C	Coniferous	1000 m ³								
6.2.NC	Non-Coniferous	1000 m ³								
6.2.NC.T	of which: Tropical	1000 m ³								
6.3	PARTICLE BOARD (including OSB)	1000 m ³								
6.3.1	of which: OSB	1000 m ³								
6.4	FIBREBOARD	1000 m ³								
6.4.1	HARDBOARD	1000 m ³								
6.4.2	MDF (MEDIUM DENSITY)	1000 m ³								
6.4.3	INSULATING BOARD	1000 m ³								
7	WOOD PULP	1000 mt								
7.1	MECHANICAL	1000 mt								
7.2	SEMI-CHEMICAL	1000 mt								
7.3	CHEMICAL	1000 mt								
7.3.1	SULPHATE UNBLEACHED	1000 mt								
7.3.2	SULPHATE BLEACHED	1000 mt								
7.3.3	SULPHITE UNBLEACHED	1000 mt								
7.3.4	SULPHITE BLEACHED	1000 mt								
7.4	DISSOLVING GRADES	1000 mt								
8	OTHER PULP	1000 mt								
8.1	PULP FROM FIBRES OTHER THAN WOOD	1000 mt								
8.2	RECOVERED FIBRE PULP	1000 mt								
9	RECOVERED PAPER	1000 mt								
10	PAPER AND PAPERBOARD	1000 mt								
10.1	GRAPHIC PAPERS	1000 mt								
10.1.1	NEWSPRINT	1000 mt								
10.1.2	UNCOATED MECHANICAL	1000 mt								
10.1.3	UNCOATED WOODFREE	1000 mt								
10.1.4	COATED PAPERS	1000 mt								
10.2	SANITARY AND HOUSEHOLD PAPERS	1000 mt								
10.3	PACKAGING MATERIALS	1000 mt								
10.3.1	CASE MATERIALS	1000 mt								
10.3.2	FOLDING BOXBOARD	1000 mt								
10.3.3	WRAPPING PAPERS	1000 mt								
10.3.4	OTHER PAPERS MAINLY FOR PACKAGING	1000 mt								
10.4	OTHER PAPER AND PAPERBOARD N.E.S.	1000 mt								



DOT1
FOREST SECTOR QUESTIONNAIRE
IMPORT QUANTITY
2000

Country: _____ Date: _____
Name of Official responsible for reply: _____
Official Address (in full): _____
Telephone: _____ Fax: _____
E-mail: _____

Product Code Unit	Industrial Roundwood-Wood in the Rough		Wood	Sawnwood		Veneer Sheets	Plywood	Particle Board	Fibreboard	Wood Pulp	Recovered Paper	Paper and Paperboard	
	Coniferous 1.2.C	Non-Coniferous 1.2.NC	Chips and Particles 3	Coniferous 5.C	Non-Coniferous 5.NC	6.1	6.2	6.3	6.4	7	9	Total 10	Newsprint 10.1.1
	1000 m ³	1000 m ³	1000 m ³	1000 m ³	1000 m ³	1000 m ³	1000 m ³	1000 m ³	1000 m ³	1000 mt	1000 mt	1000 mt	1000 mt
Imported from:													
AFRICA	0	0	0	0	0	0	0	0	0	0	0	0	0
Algeria													
Angola													
Benin													
Botswana													
Burkina Faso													
Burundi													
Cameroon													
Cape Verde													
Central African Republic													
Chad													
Comoros													
Congo, Democratic Republic of													
Congo, Republic of													
Côte d'Ivoire													
Djibouti													
Egypt													
Equatorial Guinea													
Eritrea													
Ethiopia													
Gabon													
Gambia													
Ghana													
Guinea													
Guinea-Bissau													
Kenya													
Lesotho													
Liberia													
Libyan Arab Jamahiriya													
Madagascar													
Malawi													
Mali													
Mali													
Mauritania													
Mauritius													
Morocco													
Mozambique													
Namibia													
Niger													
Nigeria													
Réunion													
Rwanda													
Saint Helena													
São Tomé and Príncipe													
Senegal													
Seychelles													
Sierra Leone													
Somalia													
South Africa													
Sudan													
Swaziland													
Tanzania, United Republic of													
Togo													
Tunisia													
Uganda													
Zambia													
Zimbabwe													

   												DOT1 FOREST SECTOR QUESTIONNAIRE IMPORT QUANTITY 2000				Country: _____ Date: _____	
Name of Official responsible for reply: _____																	
Official Address (in full): _____																	
Telephone: _____ Fax: _____																	
E-mail: _____																	
Product Code Unit	Industrial Roundwood-Wood in the Rough		Wood	Sawnwood		Veneer Sheets	Plywood	Particle Board	Fibreboard	Wood Pulp	Recovered Paper	Paper and Paperboard					
	Coniferous 1.2.C	Non-Coniferous 1.2.NC	Chips and Particles 3	Coniferous 5.C	Non-Coniferous 5.NC	6.1	6.2	6.3	6.4	7	9	Total 10	Newspprint 10.1.1				
	1000 m ³	1000 m ³	1000 m ³	1000 m ³	1000 m ³	1000 m ³	1000 m ³	1000 m ³	1000 m ³	1000 mt	1000 mt	1000 mt	1000 mt				
Imported from:																	
ASIA	0	0	0	0	0	0	0	0	0	0	0	0	0				
Afghanistan																	
Armenia																	
Azerbaijan																	
Bahrain																	
Bangladesh																	
Bhutan																	
Brunei Darussalam																	
Cambodia																	
China*																	
China, Taiwan Province of																	
China, Hong Kong SAR																	
China, Macau SAR																	
Cyprus																	
Georgia																	
India																	
Indonesia																	
Iran (Islamic Rep.)																	
Iraq																	
Israel																	
Japan																	
Jordan																	
Kazakhstan																	
Korea Democratic People's Republic of																	
Korea Republic of																	
Kuwait																	
Kyrgyzstan																	
Laos																	
Lebanon																	
Malaysia																	
Maldives																	
Mongolia																	
Myanmar																	
Nepal																	
Oman																	
Pakistan																	
Philippines																	
Qatar																	
Saudi Arabia																	
Singapore																	
Sri Lanka																	
Syrian Arab Republic																	
Tajikistan																	
Thailand																	
Turkey																	
Turkmenistan																	
United Arab Emirates																	
Uzbekistan																	
Viet Nam																	
Yemen																	

* Data exclude those for Taiwan Province of China, Hong Kong Special Administrative Region and Macau Special Administrative Region



Country:	Date:
Name of Official responsible for reply:	
Official Address (in full):	
Telephone:	Fax:
E-mail:	

[illegible]



DOT1
FOREST SECTOR QUESTIONNAIRE
IMPORT QUANTITY
2000

Country:	Date:
Name of Official responsible for reply:	
Official Address (in full):	
Telephone:	Fax:
E-mail:	

Product Code Unit	Industrial Roundwood Wood in the Rough		Wood	Sawnwood		Veneer Sheets	Plywood	Particle Board	Fibreboard	Wood Pulp	Recovered Paper	Paper and Paperboard	
	Coniferous 1.2.C	Non-Coniferous 1.2.NC	Chips and Particles 3	Coniferous 5.C	Non-Coniferous 5.NC	6.1	6.2	6.3	6.4	7	9	Total 10	Newsprint 10.1.1
	1000 m ³	1000 m ³	1000 m ³	1000 m ³	1000 m ³	1000 m ³	1000 m ³	1000 m ³	1000 m ³	1000 mt	1000 mt	1000 mt	1000 mt
Imported from:													
NORTH AMERICA	0	0	0	0	0	0	0	0	0	0	0	0	0
Anguilla													
Antigua and Barbuda													
Aruba													
Bahamas													
Barbados													
Belize													
Bermuda													
British Virgin Islands													
Canada													
Cayman Islands													
Costa Rica													
Cuba													
Dominica													
Dominican Republic													
El Salvador													
Greenland													
Grenada													
Guadeloupe													
Guatemala													
Haiti													
Honduras													
Jamaica													
Martinique													
Mexico													
Montserrat													
Netherlands Antilles													
Nicaragua													
Panama													
Saint Kitts and Nevis													
Saint Lucia													
Saint Pierre and Miquelon													
Saint Vincent and the Grenadines													
Trinidad and Tobago													
Turks and Caicos Islands													
United States of America													
SOUTH AMERICA	0	0	0	0	0	0	0	0	0	0	0	0	0
Argentina													
Bolivia													
Brazil													
Chile													
Colombia													
Ecuador													
Falkland Islands (Malvinas)													
French Guiana													
Guyana													
Paraguay													
Peru													
Suriname													
Uruguay													
Venezuela, The Bolivarian Republic of													
Total Import	0	0	0	0	0	0	0	0	0	0	0	0	0



DOT2
FOREST SECTOR QUESTIONNAIRE
EXPORT QUANTITY
2000

Country: _____ Date: _____
Name of Official responsible for reply: _____
Official Address (in full): _____
Telephone: _____ Fax: _____
E-mail: _____

Product Code Unit	Industrial Roundwood-Wood in the Rough		Wood	Sawnwood		Veneer Sheets	Plywood	Particle Board	Fibreboard	Wood Pulp	Recovered Paper	Paper and Paperboard	
	Coniferous 1.2.C	Non-Coniferous 1.2.NC	Chips and Particles 3	Coniferous 5.C	Non-Coniferous 5.NC	6.1	6.2	6.3	6.4	7	9	Total 10	Newsprint 10.1.1
	1000 m ³	1000 m ³	1000 m ³	1000 m ³	1000 m ³	1000 m ³	1000 m ³	1000 m ³	1000 m ³	1000 mt	1000 mt	1000 mt	1000 mt
Exported to:													
ABIA	0	0	0	0	0	0	0	0	0	0	0	0	0
Afghanistan													
Armenia													
Azerbaijan													
Bahrain													
Bangladesh													
Bhutan													
Brunei Darussalam													
Cambodia													
China*													
China, Taiwan Province of													
China, Hong Kong SAR													
China, Macau SAR													
Cyprus													
Georgia													
India													
Indonesia													
Iran (Islamic Rep.)													
Iraq													
Israel													
Japan													
Jordan													
Kazakhstan													
Korea Democratic People's Republic of													
Korea Republic of													
Kuwait													
Kyrgyzstan													
Laos													
Lebanon													
Malaysia													
Maldives													
Mongolia													
Myanmar													
Nepal													
Oman													
Pakistan													
Philippines													
Qatar													
Saudi Arabia													
Singapore													
Sri Lanka													
Syrian Arab Republic													
Tajikistan													
Thailand													
Turkey													
Turkmenistan													
United Arab Emirates													
Uzbekistan													
Viet Nam													
Yemen													

* Data exclude those for Taiwan Province of China, Hong Kong Special Administrative Region and Macau Special Administrative Region



DOT2
FOREST SECTOR QUESTIONNAIRE
EXPORT QUANTITY
2000

Country:	Date:
Name of Official responsible for reply:	
Official Address (in full):	
Telephone:	Fax:
E-mail:	

Exported to:	Product Code Unit	Industrial Roundwood-Wood in the Rough		Wood	Sawnwood		Veneer Sheets	Plywood	Particle Board	Fibreboard	Wood Pulp	Recovered Paper	Paper and Paperboard	
		Coniferous 1.2.C	Non-Coniferous 1.2.NC	Chips and Particles 3	Coniferous 5.C	Non-Coniferous 5.NC	6.1	6.2	6.3	6.4	7	9	Total 10	Newsprint 10.1.1
		1000 m ³	1000 m ³	1000 m ³	1000 m ³	1000 m ³	1000 m ³	1000 m ³	1000 m ³	1000 m ³	1000 mt	1000 mt	1000 mt	1000 mt
EUROPE		0	0	0	0	0	0	0	0	0	0	0	0	0
Albania														
Andorra														
Austria														
Belarus														
Belgium														
Bosnia and Herzegovina														
Bulgaria														
Croatia														
Czech Republic														
Denmark														
Estonia														
Faeroe Islands														
Finland														
France														
Germany														
Gibraltar														
Greece														
Hungary														
Iceland														
Ireland														
Italy														
Latvia														
Lithuania														
Luxembourg														
Macedonia, the fmr Yugoslav Rep. of														
Malta														
Republic of Moldova														
Netherlands														
Norway														
Poland														
Portugal														
Romania														
Russian Federation														
Slovakia														
Slovenia														
Spain														
Sweden														
Switzerland														
United Kingdom														
Ukraine														
Yugoslavia, the Federal Republic of														



Country:	Date:
Name of Official responsible for reply:	
Official Address (in full):	
Telephone:	Fax:
E-mail:	

Product Code Unit	Industrial Roundwood-Wood in the Rough		Wood	Sawnwood		Veneer Sheets	Plywood	Particle Board	Fibreboard	E-mail:	Wood Pulp	Recovered Paper	Paper and Paperboard	
	Coniferous 1.2.C	Non-Coniferous 1.2.NC	Chips and Particles 3	Coniferous 5.C	Non-Coniferous 5.NC	6.1	6.2	6.3	6.4		7	g	Total 10	Newsprint 10.1.1
	1000 m³	1000 m³	1000 m³	1000 m³	1000 m³	1000 m³	1000 m³	1000 m³	1000 m³		1000 mt	1000 mt	1000 mt	1000 mt
Exported to:														
NORTH AMERICA	0	0	0	0	0	0	0	0	0		0	0	0	0
Angilla														
Antigua and Barbuda														
Aruba														
Bahamas														
Barbados														
Belize														
Bermuda														
British Virgin Islands														
Canada														
Cayman Islands														
Costa Rica														
Cuba														
Dominica														
Dominican Republic														
El Salvador														
Greenland														
Grenada														
Guadeloupe														
Guatemala														
Haiti														
Honduras														
Jamaica														
Martinique														
Mexico														
Montserrat														
Netherlands Antilles														
Nicaragua														
Panama														
Saint Kitts and Nevis														
Saint Lucia														
Saint Pierre and Miquelon														
Saint Vincent and the Grenadines														
Trinidad and Tobago														
Turks and Caicos Islands														
United States of America														
SOUTH AMERICA	0	0	0	0	0	0	0	0	0		0	0	0	0
Argentina														
Bolivia														
Brazil														
Chile														
Colombia														
Ecuador														
Falkland Islands(Malvinas)														
French Guiana														
Guyana														
Paraguay														
Peru														
Suriname														
Uruguay														
Venezuela, The Bolivarian Republic of														
Total Export	0	0	0	0	0	0	0	0	0		0	0	0	0



SP1

FOREST SECTOR QUESTIONNAIRE
Secondary Processed Wood and Paper Products
TRADE

Country:	Date:
Name of Official responsible for reply:	
Official Address (in full):	
Telephone:	
Fax:	
E-mail:	

Specify Currency and Unit of Value (e.g.:1000 US \$): _____

Product code	Product	IMPORT VALUE		EXPORT VALUE	
		1999	2000	1999	2000
11.1	Further processed sawnwood				
11.1.C	Coniferous				
11.1.NC	Non-coniferous				
11.1.NC.T	of which: Tropical				
11.2	Wooden wrapping and packing equipment				
11.3	Builder's joinery and carpentry of wood				
11.4	Wooden furniture				
11.5	Prefabricated buildings				
11.5.1	of which: made of wood				
11.6	Secondary paper products				
11.6.1	Composite paper and paperboard				
11.6.2	Special coated paper				
11.6.3	Carbon paper and copying paper, ready for use				
11.6.4	Household and sanitary paper, ready for use				
11.6.5	Packaging cartons, boxes, etc.				
11.6.6	Other articles of paper or paperboard				
11.6.6.1	of which: printing & writing paper, ready for use				
11.6.6.2	of which: articles, moulded or pressed from pulp				
11.6.6.3	of which: filter paper & paperboard, ready for use				
11.7	Printed articles				
11.7.1	Printed books				
11.7.2	Newspapers				
11.7.3	Other printed products				



ITTO1

FOREST SECTOR QUESTIONNAIRE Production and Trade Estimates for 2001

Country: _____ Date: _____

Name of Official responsible for reply: _____

Official Address (in full): _____

Telephone: _____

Fax: _____

E-mail: _____

Specify Currency and Unit of Value (e.g.: 1000 US \$): _____

Product Code	Product	Unit of quantity	Production Quantity	Imports		Exports	
				Quantity	Value	Quantity	Value
1.2	INDUSTRIAL ROUNDWOOD (WOOD IN THE ROUGH)	1000 m ³					
1.2.C	Coniferous	1000 m ³					
1.2.NC	Non-Coniferous	1000 m ³					
1.2.NC.T	of which: Tropical	1000 m ³					
5	SAWNWOOD	1000 m ³					
5.C	Coniferous	1000 m ³					
5.NC	Non-Coniferous	1000 m ³					
5.NC.T	of which: Tropical	1000 m ³					
6.1	VENEER SHEETS	1000 m ³					
6.1.C	Coniferous	1000 m ³					
6.1.NC	Non-Coniferous	1000 m ³					
6.1.NC.T	of which: Tropical	1000 m ³					
6.2	PLYWOOD	1000 m ³					
6.2.C	Coniferous	1000 m ³					
6.2.NC	Non-Coniferous	1000 m ³					
6.2.NC.T	of which: Tropical	1000 m ³					



ITTO2

FOREST SECTOR QUESTIONNAIRE Trade in Tropical Species

Country:	Date:
Name of Official responsible for reply:	
Official Address (in full):	
Telephone:	Fax:
E-mail:	

Specify Currency and Unit of Value (e.g.:1000 US \$):

Product code	Classifications HS98	Product	IMPORT				EXPORT			
			1999		2000		1999		2000	
			Quantity (1000 m3)	Value	Quantity (1000 m3)	Value	Quantity (1000 m3)	Value	Quantity (1000 m3)	Value
1.2.NC.T	44.03.40 ex 44.03.99	Industrial roundwood (wood in the rough), tropical 1. 2. 3. 4. 5. Others								
5.NC.T	44.07.20 ex 44.07.99	Tropical sawnwood 1. 2. 3. 4. 5. Others								
6.1.NC.T	44.08.30 ex 44.08.90	Tropical veneer 1. 2. 3. 4. 5. Others								
6.2.NC.T	44.12.13 ex 44.12.14 44.12.22 ex 44.12.23 ex 44.12.29	Tropical plywood 1. 2. 3. 4. 5. Others								

Note: List 5 major species traded in each category. Use additional sheet if more than 5 species to be explicitly reported. For tropical plywood, identify by face veneer if composed of more than one species.



ITTO3
FOREST SECTOR QUESTIONNAIRE
Miscellaneous Items
 (use additional paper if necessary)

Country:	Date:
Name of Official responsible for reply:	
Official Address (in full):	
Telephone:	Fax:
E-mail:	

- 1 Please enter current import tariff rates applied to tropical and non-tropical timber products. If available, please provide tariffs by the relevant customs classification category. If tariff levels have been reported in previous years, enter changes only.

- 2 Please comment on any quotas, incentives, disincentives, tariff/non-tariff barriers or other related factors which now or in future will significantly affect your production and trade of tropical timber products.

- 3 Please elaborate on any short or medium term plans for expanding capacity for (further) processing of tropical timber products in your country.

- 4 Please indicate any trends or changes expected in the species composition of your trade. How important are lesser-used tropical timber species and/or minor tropical forest products in your forest sector?

- 5 Please indicate trends in domestic building activity, housing starts, mortgage/interest rates, substitution of non-tropical wood and/or non-wood products for tropical timbers, and any other domestic factors having a significant impact on tropical timber consumption in your country.

- 6 Please indicate the extent of foreign involvement in your timber sector (e.g. number and nationalities of concessionaires/mill (joint) owners, area of forest allocated, scale of investment, etc.).

- 7 Use the rest of this space (or additional pages) to elaborate on any of the comments/responses made previously or to highlight any other significant features of the tropical timber economy as it relates to your country.



JQ2 (Supp. 1)

FOREST SECTOR QUESTIONNAIRE

Trade

CROSS-REFERENCES TO HS96 AND SITC Rev.3

Product Code	Product	Classifications	
		HS96	SITC Rev.3
1	ROUNDWOOD	44.01.10 44.03	245.01 247.4 247.5
1.1	WOOD FUEL, INCLUDING WOOD FOR CHARCOAL	44.01.10	245.01
1.2	INDUSTRIAL ROUNDWOOD (WOOD IN THE ROUGH)	44.03.20/40/90	247.4 247.5
1.2.C	Coniferous	44.03.20	247.4
1.2.NC	Non-Coniferous	44.03.40 44.03.90	247.5
1.2.NC.T	of which: Tropical	44.03.40 ex 44.03.99	247.51 ex 247.52
2	WOOD CHARCOAL	44.02.00	245.02
3	WOOD CHIPS AND PARTICLES	44.01.20	246.1
4	WOOD RESIDUES	44.01.30	246.2
5	SAWNWOOD	44.07	248.2 248.4
5.C	Coniferous	44.07.10	248.2
5.NC	Non-Coniferous	44.07.20 44.07.90	248.4
5.NC.T	of which: Tropical	44.07.20 ex 44.07.99	ex 248.4
6	WOOD-BASED PANELS	44.08 44.10 44.11 44.12	634.1 634.22 634.23 634.3 634.4 634.5
6.1	VENEER SHEETS	44.08	634.1
6.1.C	Coniferous	44.08.10	634.11
6.1.NC	Non-Coniferous	44.08.30 44.08.90	634.12
6.1.NC.T	of which: Tropical	44.08.30 ex 44.08.90	ex 634.12
6.2	PLYWOOD	44.12	634.3 634.4
6.2.C	Coniferous	44.12.19 44.12.90	634.39 634.49
6.2.NC	Non-Coniferous	44.12.13 44.12.14 44.12.20	634.31 634.41
6.2.NC.T	of which: Tropical	44.12.13 ex 44.12.14 44.12.22 ex 44.12.23 ex 44.12.29	ex 634.31 ex 634.41
6.3	PARTICLE BOARD (including OSB)	44.10	634.22 634.23
6.3.1	of which: OSB	44.10.11	ex 634.22
6.4	FIBREBOARD	44.11	634.5
6.4.1	HARDBOARD	44.11.10	634.51
6.4.2	MDF (Medium Density)	44.11.20	634.52
6.4.3	INSULATING BOARD	44.11.30 44.11.90	634.53 634.59
7	WOOD PULP	47.01 47.02 47.03 47.04 47.05	251.2 251.3 251.4 251.5 251.6 251.91
7.1	MECHANICAL	47.01	251.2
7.2	SEMI-CHEMICAL	47.05	251.91
7.3	CHEMICAL	47.03 47.04	251.4 251.5
7.3.1	SULPHATE UNBLEACHED	47.03.10	251.4
7.3.2	SULPHATE BLEACHED	47.03.20	251.5
7.3.3	SULPHITE UNBLEACHED	47.04.10	251.61
7.3.4	SULPHITE BLEACHED	47.04.20	251.62
7.4	DISSOLVING GRADES	47.02	251.3
8	OTHER PULP	47.06	251.92
8.1	PULP FROM FIBRES OTHER THAN WOOD	47.06.10/90	ex 251.92
8.2	RECOVERED FIBRE PULP	47.06.20	ex 251.92
9	RECOVERED PAPER	47.07	251.1
10	PAPER AND PAPERBOARD	48.01/02/03/04/05/06/07/08/09/10/11/12/13	641.1/2/3/4/5/6/16/2/64/69/7/91/92/93
10.1	GRAPHIC PAPERS	48.01 48.02/10/20/30/50/60 48.09.10/20 48.10.11/12/21/29	641.1 641.21/22/23/25/26/27/29 ex 641.31 641.32/33/34
10.1.1	NEWSPRINT	48.01	641.1
10.1.2	UNCOATED MECHANICAL	48.02.60	641.29
10.1.3	UNCOATED WOODFREE	48.02.10/20/30/50	641.21/22/23/25/26/27
10.1.4	COATED PAPERS	48.09.10/20 48.10.11/12/21/29	ex 641.31 641.32/33/34
10.2	SANITARY AND HOUSEHOLD PAPERS	48.03	641.63
10.3	PACKAGING MATERIALS	48.04.11/19/21/29/31/39/42/49/51/52/59 48.05.10/21/22/23/29/30/60/70 48.06.10/20/40 48.07 48.08 48.10.31/32/39/91/99 48.11.31/39	ex 641.47 641.41/42/46/48 641.51/52/54/57/58 ex 641.53 641.61/62/64/69 641.71/72/74/75/76/77 641.91/92
10.3.1	CASE MATERIALS	48.04.11/19 48.05.10/60/70	641.41 641.51/57/58
10.3.2	FOLDING BOXBOARD	48.04.42/49/51/52/59 48.05.21/22/23 48.10.32/39/91 48.11.31/39	641. ex 47/48/ ex 54/71/72/75/76/ ex 77
10.3.3	WRAPPING PAPERS	48.04.21/29/31/39 48.05.30 48.06.10/20/40 48.08 48.10.31/99	641.42/46/52/ ex 53/61/62/64/69/74/ ex 77
10.3.4	OTHER PAPERS MAINLY FOR PACKAGING	48.05.29 48.07	641. ex 54/91/92
10.4	OTHER PAPER AND PAPERBOARD N.E.S	48.02.40 48.04.41 48.05.40/50/80 48.06.30 48.09.90 48.11.40 48.12 48.13 48.11.10/20/90	641.24 ex 641.31 ex 641.47 ex 641.53 641.55 641.56/59 641.73/78/79 641.93 642.41

Notes:

The term "ex" means that there is not a complete correlation between the two codes and that only a part of the HS96 or SITC Rev.3 code is applicable. For instance "ex 44.03.99" under product 1.2.NC.T means that only a part of HS96 code 44.03.99 refers to tropical industrial roundwood. Many tropical timber products contain "ex" codes in the above list as the Harmonized System of customs classification explicitly recognizes less than 100 tropical timber species. Species not explicitly recognized as tropical in the HS are grouped in "others" categories with non-tropical, non-coniferous timbers that are likewise not explicitly recognized by the HS (e.g. 44.07.99). Estimates of tropical timber trade totals therefore require that these "others" categories be analyzed to ascertain how much of the total was sourced from tropical countries.

In HS96, 0 in the final (sixth) position means that all sub-headings are included: 44.08.30 includes 44.08.31 and 44.08.39

In SITC Rev.3, if only 4 digits are shown, then all subheadings at lower degrees of aggregation are included: 634.1 includes 634.11 and 634.12



SP1 (Supp. 1)

FOREST SECTOR QUESTIONNAIRE
Secondary Processed Wood and Paper Products
CROSS-REFERENCES TO HS96 AND SITC.Rev.3

Product Code	Product	Classifications	
		HS96	SITC Rev.3
11.1	Further processed sawnwood	44.09	248.3 248.5
11.1.C	Coniferous	44.09.10	248.3
11.1.NC	Non-coniferous	44.09.20	248.5
11.1.NC.T	of which: Tropical	ex 44.09.20	ex 248.5
11.2	Wooden wrapping and packing equipment	44.15 44.16	635.11/12 635.2
11.3	Builder's joinery and carpentry of wood	44.18	635.31/32/33/39
11.4	Wooden furniture	94.01.60 94.03.30/40/50/60/90	821.51/53/55/59/80
11.5	Prefabricated buildings	94.06	811.00
11.5.1	of which made of wood	ex 94.06	ex 811.00
11.6	Paper products		
11.6.1	Composite paper and paperboard	48.07	641.91/92
11.6.2	Special coated paper	48.11	641.71/72/7378/79
11.6.3	Carbon paper and copying paper, ready for use	48.16	642.42
11.6.4	Household and sanitary paper, ready for use	48.18	642.43/94/95
11.6.5	Packaging cartons, boxes, etc.	48.19	642.11/12/13/14/15/16
11.6.6	Other articles of paper or paperboard	48.14/15/17/20/21/22/23	642.2/3 642.44/45/46/47/48 642.91/92/93/ex99 641.94 659.11 892.81
11.6.6.1	of which printing & writing paper, ready for use	48.23.50	642.48
11.6.6.2	of which articles, moulded or pressed from pulp	48.23.70	ex 642.99
11.6.6.3	of which filter paper & paperboard, ready for use	48.23.20	642.45
11.7	Printed articles	49.00	892.12/13/14/15/16/19 892.2/4 892.82/83/84/85/86/87/89
11.7.1	Printed books	49.01	892.15/16/19
11.7.2	Newspapers	49.02	892.2
11.7.3	Other printed products	49.03/04/05/06/07/08/09/10/11	892.12/13/14 892.4 892.82/83/84/85/86/87/89

Notes:

The term "ex" means that there is not a complete correlation between the two codes and that only a part of the HS96 or SITC Rev.3 code is applicable.

For instance "ex 811.00" under "Prefabricated buildings - of which made of wood" means that only a part of SITC code 811.00 refers to buildings prefabricated from wood, as that code does not distinguish between the materials buildings were prefabricated from.

In HS96, 0 in the final (fourth or sixth) position means that all sub-headings are included: 49.00 includes all positions from 49.01 to 49.11.

In SITC Rev.3, if only 4 digits are shown, then all subheadings at lower degrees of aggregation are included: 892.2 includes 892.21 and 892.29