INTERNATIONAL TROPICAL TIMBER ORGANIZATION

ANNUAL REVIEW AND ASSESSMENT

OF THE WORLD TIMBER SITUATION

2009

This document supersedes document ITTC(XLV)/4 “Elements for the Annual Review and Assessment of the World Timber Situation 2009”. It presents updated and revised statistics of the world timber situation received during and following consideration of document ITTC(XLV)/4 by the International Tropical Timber Council in November 2009.

Document GI-7/09. International Tropical Timber Organization. Yokohama, Japan.
Prepared by the Division of Economic Information and Market Intelligence, ITTO.

This document is also available on the Internet at http://www.itto.int/
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ISBN 4-902045-74-5

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SUMMARY

This Review provides data on production and trade in tropical forest products in ITTO member countries, as well as overview statistics of production and trade in all timber products in these countries. Data are presented up to and including 2009 based on estimates mostly 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 base year for analysis is 2008 as it is the latest year for which reliable data for most countries were available at the time of preparation.

ITTO Summary Statistics (2008, million)												
	Logs			Sawnwood			Veneer			Plywood		
	All	Tropical	(%)	All	Tropical	(%)	All	Tropical	(%)	All	Tropical	(%)
Production (m^3)	1151.2	141.0	(12)	323.8	44.0	(14)	10.3	4.1	(40)	71.6	18.4	(26)
Imports (m^3)	103.5	12.9	(12)	87.8	8.1	(9)	2.4	0.8	(33)	18.4	6.7	(36)
Imports ($)	14794.8	3884.9	(26)	25322.1	3960.1	(15)	2992.8	849.8	(28)	10249.7	3863.1	(38)
Exports (m^3)	54.5	11.8	(22)	83.0	10.0	(12)	2.4	0.8	(34)	21.9	8.0	(37)
Exports ($)	7678.5	2831.9	(36)	23518.8	3418.8	(15)	2792.7	863.4	(31)	11374.7	3828.1	(34)

Production

Following depressed global market conditions and widespread production curtailments in the wood processing sector, production of tropical industrial roundwood (logs) in ITTO member countries declined marginally to 141.0 million m^3 in 2008 and 140.0 million m^3 in 2009. The proportion of tropical logs to total industrial roundwood production from all forests in ITTO member countries was 12.2% in 2008, a small rise from the 2007 level. During the period 2007 to 2009 there were regional differences in production growth trends in ITTO producer regions, with Africa's production increasing while those of Asia-Pacific and Latin America had declined. Regional disparities in the rate of domestic conversion of primary products continued with Latin America's conversion of domestically produced logs to at least primary products being highest of the three regions, remaining at over 99% in 2007-2009. In Africa, despite measures to promote value-added processing in some countries, the proportion of all logs produced that were converted domestically dropped at an aggregate regional level from 82.5% in 2008 to 81.2% in 2009. Asia-Pacific's domestic log processing rose from 90.4% to 91.1% over the same period, reflecting increasing domestic demand for wood-based products resulting from population and economic growth, as well as greater emphasis on producing and exporting value-added products in the region.

Tropical sawnwood production by ITTO members increased slightly in 2008 and declined to 41.1 million m^3 in 2009, with most of the decrease occurring in the Asian region. Production in Latin America grew 6% in 2008 with Brazil accounting for bulk of the increase, as high economic growth and construction demand fuelled an increase in domestic sawnwood demand. Although exports of tropical veneer were negatively impacted by the downturn in furnishing and furniture manufacturing in most destination markets in 2008 and 2009, tropical veneer production in ITTO member countries increased over the period 2006 to 2009, reaching 4.1 million m^3 in 2009. All regions experienced rising production although the largest gains were in the Asian region, where production climbed 11% in 2008.

ITTO producer countries' tropical plywood production has been steadily falling since 2003, dropping to 12.2 million m^3 in 2008, a year-on-year decline of 9%. Production curtailment and plant closures escalated in 2008 in all major producer countries in response to depressed demand in major consuming countries. Production is expected to have remained at low levels in 2009, based on data forecasts provided by members in mid-2009. Malaysia, China and Indonesia dominate tropical plywood production among ITTO countries, although Indonesia's production has continuously dropped in recent years, mainly due to reduction in logging quotas and crackdowns on illegal log flows that have restricted log availability for plywood production. Indonesia ceded its position as the world's largest producer of tropical plywood in 2004 to Malaysia.

Imports

China and India dominated tropical log imports in 2007 to 2009, although China's imports declined while India's import growth slowed during the period. Tropical hardwood log imports by ITTO consumer countries have been steadily declining over the last 5 years, dropping 14% in 2008 to 12.9 million m^3 and expected to decline further to 11.0 million m^3 in 2009. Most of this decrease is due to a sharp drop (19% to 5.6 million m^3) in China and in most other significant ITTO importing countries as demand for raw material in the wood processing industries contracted. China's sustained growth in tropical log imports until 2007 reflected her high economic growth rate and rising

domestic consumption, sustained growth in exports of secondary processed wood products (SPWPs) and incentives for exports. However, as the global financial crisis took effect in 2008, China's wood processing industry was impacted by reduced demand for exports of tropical processed wood products (mainly wooden furniture and plywood) to traditional export markets and by a reduction in tax rebates for some wood product export items (although they were partially reinstated in 2009). To a lesser extent, demand was also depressed by a downturn in the domestic construction industry, although a recovery in the housing sector has been reported in 2010. In 2010, domestic demand is expected to recover although export demand for China's processed wood products remains uncertain, particularly in major traditional export markets such as the EU.

Major non-ITTO tropical log suppliers include the Solomon Islands and Equatorial Guinea, with their log exports in 2008 estimated at 1.3 million m^3 and 272 000 m^3 respectively. While tropical log imports declined in 2008 in most major importing countries, India, now the second largest importer, brought in 3.3 million m^3, up marginally from 2007. Japan's imports of tropical logs have been declining in recent years, dropping sharply to 0.7 million m^3 in 2008 and 0.5 million m^3 in 2009 as housing starts plunged, reducing construction activity and demand for plywood.

A significant feature of the tropical sawnwood trade is that most of the global trade (67%) is within the Asia region. Total ITTO imports declined to 8.1 million m^3 in 2008 and are estimated to decline further in 2009 as demand conditions deteriorate in consuming countries. Although Thailand was the largest importer, with three-quarters of its imports from Malaysia, significant discrepancies between Thailand and Malaysia's reported trade suggest that the reported data may be unreliable. China's tropical sawnwood imports increased in 2009, with a recovery in domestic demand more than compensating for the depressed demand in China's export oriented wood manufacturing industries. Malaysia' imports plummeted to 374 000 m^3 in 2008, 39% less than the previous year and over 60% less than the 2005 level. Malaysia's suppliers were mostly from within the Asian region, with 87% of imports from Thailand, Indonesia and the Philippines. Total tropical sawnwood imports by EU countries dropped to 2.1 million m^3 in 2008 with the decline worsening in late 2008. In 2009, as economic conditions in most EU countries continued to deteriorate and consumption declined further, tropical sawnwood imports plunged to 1.7 million m^3, the lowest level that ITTO has recorded since documenting statistics on the tropical sawnwood trade. Serious setbacks in the construction sectors in Spain and Portugal resulted in significant declines in tropical sawnwood imports in both countries in 2008 and 2009.

Total ITTO tropical veneer imports contracted by 5% between 2007 and 2008 to 829 000 m^3, and are expected to have fallen more rapidly (by 17%) in 2009, as demand for veneer weakened in the furniture and furnishing industries in major importing countries. The Republic of Korea remained the largest ITTO tropical veneer importer in 2008, with imports totalling 164 000 m^3, significantly less than the high of 249 000 m^3 in 2005. Taiwan POC, Italy, France and China were also important ITTO tropical veneer importers in 2008. China's imports (previously ITTO's largest in the early 2000s) have continued to decline with China's supply of tropical veneer now supplied predominantly by production from imported tropical logs.

Although tropical plywood imports by all ITTO member countries have been dropping continuously since 2004, imports dropped sharply in 2008 to 6.7 million m^3, a year-on-year decline of 16%. Japan and the USA, the dominant importers of tropical plywood, together accounted for about half of total ITTO imports, although both countries' imports fell sharply in 2008. The bulk of all tropical plywood imports are sourced from Malaysia and Indonesia, with most of the remainder from Brazil and China. Japan's tropical plywood imports had fallen 25% in 2007 as a result of rising prices of imported Indonesian and Malaysian plywood and a dip in housing starts - caused by poor implementation of the new Building Standard Law. In 2008, housing starts did not recover as economic conditions deteriorated, resulting in a further slump in demand. In late 2009, with housing starts declining further and depressed prices, Malaysian suppliers were reportedly switching to other markets leading to severely reduced inventories in Japan. The downturn in the housing sector in the USA led to tropical plywood imports declining sharply in 2008 to 800 000 m^3, down 44% on 2007. In 2008, imports from China and Malaysia – the two major supplying countries – decreased dramatically while Indonesia maintained its volume of US imports. In 2009, demand was expected to remain at depressed levels. Tropical plywood of Chinese origin was expected to be further challenged by growing demand for green building products given the general difficulty of tracking supply chains for environmental certification.

Exports

ITTO producer countries exported 11.8 million m^3 of tropical logs in 2008 with Malaysia, the largest exporter, accounting for about 35% of the volume, down from almost three-quarters of the ITTO total in the early 1990s. In 2008, Malaysia's tropical log exports contracted 8% on 2007 levels and 26% from 2005 levels, reflecting declining log production in line with government policy to implement sustainable forest management, continued emphasis on value-added processing and significant downturn in demand in some major consuming countries. Papua New Guinea, Gabon and Myanmar were the other significant log exporters, but Gabon's log exports are expected to plummet in 2010 following the implementation of the log export ban. Tropical sawnwood exports by producer members in 2008 dropped 15% to 9.5 million m^3 and are expected to have remained almost unchanged

in 2009. Exports from the Latin American region fell from 2.2 million m^3 in 2007 to 1.3 million m^3 in 2008, with Brazil's exports plunging as the currency continued to appreciate relative to the US dollar and as domestic demand grew and export demand waned. African exports also fell in 2008 (from 1.9 million m^3 to 1.7 million m^3), with significant declines in Côte d'Ivoire and Gabon. Malaysia, the largest tropical sawnwood exporter, recorded exports of 3.7 million m^3 in 2008, constituting 37% of total ITTO producer member exports and an increase of 31% on the 2007 level. Nearly all of the increase can be attributed to a significant increase in exports to Thailand, the major market. Total ITTO producer member's exports of veneer declined by 28% between 2007 and 2008 to 727 000 m^3 and were expected to remain at a similar level in 2009. Malaysia continues to dominate exports, even though there was a large year-on-year decline (29%) in 2008, with exports dropping to 304 000 m^3. Malaysia's exports continue to be constrained by a declining availability of tropical log supplies to Malaysia's veneer industry and the growth in domestic consumption of tropical veneer to support Malaysia's expanding secondary processing industries. Tropical plywood exports from ITTO producer countries fell by 17% in 2008 to 7.3 million m^3, the lowest level in ITTO's statistical records. Malaysia (4.5 million m^3) and Indonesia (2.1 million m^3) accounted for over 80% of the total volume exported by ITTO members (8.0 million m^3). Brazil and China (although not an ITTO producer) were also important tropical plywood exporters, although China's exports fell to 210 000 m^3 in 2008, a 50% decline on the previous year and a nearly 80% drop on the 2006 level. In 2009 and 2010, EU anti-dumping duties remain on Chinese okoumé-faced plywood while an EC review takes place. The export competitiveness of Chinese tropical plywood has also been affected by difficulties in supplying environmentally certified products from China due to the complexity of supply chains, quality concerns and rising production costs.

Prices

Price trends for some of the more important internationally traded species of West African logs (iroko, sapele and khaya) plunged in mid to late 2008 as the effects of the global economic downturn on demand took hold initially in the US and the UK followed by other EU markets. However, in 2009, although demand remained relatively low in the EU, prices remained firm (albeit at a relatively low level) or trended upward (in euros) as roundwood supplies and importer's inventories dwindled because of low purchasing activity, and as suppliers diverted their exports to China and India, where demand had remained relatively stable.

Real log prices for Southeast Asian species (meranti, keruing and kapur) were impacted in early 2009 by deteriorating demand conditions in China, India, the Middle East and EU and plummeting ocean freight rates in response to movements in the price of crude oil, resulting in a rapid decline in log prices. In the UK market, during the period of relatively high prices and limited supplies, buyers were forced to seek alternative species, reducing demand further. At the end of 2008, low demand in India was reported to have caused an excess supply of kapur (and keruing) on global markets, which contributed to further downward pressure on prices. During 2009, log prices remained stable at low levels as demand in all major markets remained depressed, resisting upward price pressure from rapidly increasing freight rates.

The demand for African mahogany sawnwood (khaya or acajou, one of the continent's most valuable sawnwood export species) fell rapidly from mid-2008 arising from strong price competition between the African supplying countries – Ghana, Côte d'Ivoire, Gabon and Cameroon. Prices picked up again in 2009, reflecting restricted supplies, and the relatively small volumes being traded, with increases in ocean freight rates impacting CIF prices. Wawa (or obeche) sawnwood prices increased to a high in mid-2008, driven by strong demand for white timbers in the mouldings and sauna industries and a reduction in supply from Ghana. Real prices dipped to a low in February 2009 as prices were adjusted downwards in response to decreasing demand and comparatively high stocks in EU markets. From early 2009, prices trended upwards, again reflecting supply adjustments to match demand.

Until late 2007, prices for iroko sawnwood (or odum, currently West Africa's most valuable sawnwood export species) remained relatively stable, reaching a high in mid-2008 before dropping in late 2008 and early 2009. Demand from UK and Irish importers – both major markets for iroko in the EU – were reported to be affected by very low demand in the building and carpentry sectors as their economies slowed in late 2008. The price volatility for iroko (and other tropical sawnwood species) during 2008 and 2009 reflects some reluctance by buyers to make long term purchase contracts during a period of economic uncertainty. Apart from a drop in September 2009, prices trended upwards through 2009, as production and supplies from producer countries remained low, with producers slowing production rather than increasing export volumes to demand constrained markets.

Prices for Malaysian dark red meranti sawnwood in the UK market rose considerably in early 2008, reaching a peak in mid-2008, with Asian suppliers to the EU benefiting, compared to African suppliers, from the weakness of the US dollar during this period. In late 2008, prices began to slide in US dollar terms although rising in UK pounds to the end of 2008, as Malaysian suppliers sought to push prices up in UK pounds (the currency in which dark red meranti sawnwood is traded) as it devalued steeply relative to the US dollar during this period. Prices declined in UK pounds from early 2009 until September 2009, as consumption weakened and as the UK currency strengthened. Prices trended upwards in US dollars until early 2010, with upward price pressure from rising freight costs and very limited supplies. Prices for Southeast Asian tropical plywood rose steadily to mid-2007 mainly

due to supply-side constraints and robust demand in the US and the UK. Further price rises were prevented by competition from Chinese combi-plywood. Prices reached a plateau in the latter part of 2007 before sliding rapidly in the last quarter of 2008, as global demand weakened (including in Middle Eastern markets) and competition intensified between supply sources. By the end of 2009, real prices had dropped to the lowest levels in 3 years. At the end of 2009 and early 2010, Asian exporters were seeking to push up CIF prices on the basis of reduced supplies, improved demand in the Middle East and Japan and mounting freight rates. However, a continuation of depressed demand conditions has kept prices at relatively low levels.

In contrast to other plywood products, which have trended downwards because of reduced demand, FOB prices of Brazilian white virola destined for the US continued to rise in 2008 as Brazilian supplies were in short supply, with white virola plywood's competitiveness increasing as the Brazilian currency weakened relative to the US dollar in 2008. With supplies remaining limited and sustained domestic demand, prices held in 2009 and early 2010, with upward price pressure from a strengthening Brazilian currency relative to the US dollar.

Secondary Products

In 2008, annual growth in world imports of SPWPs slowed significantly to 1%, even though it reached a record value of $92.5 billion. SPWP imports by many major importers such as the USA, Japan and some EU countries had declined. As markets began to shrink in major importing countries due to the weak demand caused by the global financial and economic crises, the growth of world's imports of SPWPs slowed down significantly. This trend continued in the first half of 2009, suggesting a possible decline in annual global imports of SPWPs in 2009. Wooden furniture and parts constitutes more than 60% of global SPWP trade, followed by builder's woodwork, other SPWPs, mouldings, and cane and bamboo furniture and parts.

Despite a significant (12%) drop on the previous year, the USA continued to dominate global SPWP imports, with $21 billion worth of imports in 2008, accounting for 27% of ITTO consumer imports and 23% of world imports. The dramatic drop in US imports was the major contributor to world SPWP import growth slowing to 1% in 2008, from nearly 20% in 2007. Germany continued to be the largest EU consumer with $6.8 billion, slightly up from last year. Following Germany, France's imports increased 10%, replacing the UK as the second largest EU importer, while the UK and Italy's SPWP imports declined. For the first time in the past 5 years, Japan's imports declined by more than 3%.

Tropical countries continued to import comparatively smaller volumes of SPWP products. In 2008, ITTO producers imported $2.6 billion from the world, accounting for only 3% of the consumer imports but the import value had grown 40% on the previous year. Mexico, Singapore, Indonesia, Malaysia, India and Brazil were the major tropical importers of SPWP. Among tropical countries, Indonesia and Brazil increased their SPWP imports substantially during the same period.

ITTO consumers exported $68.2 billion of SPWPs in 2008, accounting for 75% of the world's exports. With SPWP exports valued at $16.4 billion, China has continued to be the world's largest exporter since 2003, accounting for 24% of ITTO consumers' exports. However, due to weak demand from China's major markets, particularly the decline in wooden furniture imports from the USA, the rapid growth of China's SPWP exports appeared to slow down in 2008. The annual growth rate was less than 2%, compared with 20% on average over the past few years and this trend has continued in early 2009. Similarly, growth in the EU's SPWP exports slowed, with Italy and Germany being the two major exporters in the EU. Poland maintained its fourth position, with exports growing 10% on the previous year.

SPWP exports from most of the major tropical exporters (except Vietnam) declined slightly in 2008. ITTO producers accounted for 12% of world SPWP exports in 2008, with the share remaining stable over the past three years. Asia-Pacific was the dominant ITTO producer region, accounting for more than 70% of ITTO producers' exports, followed by Latin America (28%). African SPWP exports remain at very low levels. Vietnam's SPWP exports have expanded significantly in recent years and in 2007 it became the largest tropical exporter of SPWPs. Although figures for 2009 are unavailable, anecdotal reports suggest that Vietnam has maintained its export growth despite the downturn in global markets. In 2008, Vietnam's SPWP exports reached $3.4 billion, 13% up on 2007. Following Vietnam, ITTO producer countries including Indonesia, Malaysia, Brazil, Thailand, the Philippines and Mexico, were all major exporters of SPWPs. ITTO producers continued to play a more significant role in global mouldings exports compared with exports of other SPWP items, accounting for almost 30% of world exports of wooden mouldings in 2008.

1. INTRODUCTION

Overview

This report reviews developments in the global timber sector and wood markets, with a focus on tropical timber, in 2009. It contains data series on production and trade for 2005-2009, with a focus on the past three years. The year 2008 is used as the base 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.

Scope and Structure

This Review includes data appendices on total timber production volumes and trade volumes/values for all ITTO members. These data are included to assist placing tropical timber in a global context, as called for in the ITTA (1994). However, as recommended by the 1997 Technical Working Group on ITTO's Statistical Functions, the focus of the Review remains on tropical timber. The Review consists of five substantive chapters. This chapter summarizes developments in major markets for tropical timber, including a discussion of current and projected economic conditions in ITTO regions. The second chapter provides an analysis of production, consumption, trade and prices for the primary tropical timber products covered by the ITTA (tropical logs, sawnwood, veneer and plywood). The 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. For the first time, the Review provides summaries of two important ITTO work programme activities on tropical timber markets, with chapter four analyzing the competitiveness of tropical timbers and chapter five summarizing predictions of the future outlook for the tropical timber market.

Data Sources and Limitations

Statistics in the Review have been derived from members' responses to the 2009 Joint Forest Sector Questionnaire (JQ) wherever possible; the JQ can be downloaded from the ITTO website (www.itto.int) and includes definitions of all products covered here. ITTO is responsible for sending the JQ to all of its producer members and Japan, while responses from other consumer members are forwarded from JQ partner agencies (UNECE, Eurostat and FAO). The number of country responses (40 replies from 60 members) and quality of responses were down slightly on the 2009 JQ. Only 15 of 33 producer countries (18 of 33 in 2008) responded, while 25 of 27 consumer countries provided at least partial responses in 2009. Australia, Bolivia, Cambodia, Cameroon, Central African Republic, Democratic Republic of Congo, Republic of Congo, Côte d'Ivoire, Fiji, Gabon, Guatemala, Malaysia, Myanmar, Nepal, Nigeria, Peru, Thailand, Togo, Vanuatu and Venezuela did not respond to the 2009 JQ.

Unless otherwise indicated, all value units quoted in this Review are in nominal US dollars, while volumes are reported in cubic metres. "Tropical timber," as defined in ITTOs governing treaty (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 timbers. 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.

Estimates of trade figures for Hong Kong, Macau Special Administrative Regions (SAR) and Taiwan Province of China (POC) have been largely based on UN COMTRADE data (if available) since none of the three provide statistics directly to ITTO. Trade flow statistics for many developed countries are also derived from COMTRADE since most developed countries do not complete the direction of trade tables in the JQ. This often gives rise to difficulties when the aggregate totals given by the countries in the JQ do not match with the corresponding trade figures reported in these databases.

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. 9 producer and 16 consumer members met the 30 September 2009 deadline for responding to the JQ and some of the remaining 15 responses were received at ITTO Secretariat as late as March 2010, thereby depriving the Secretariat of sufficient time for analysis and clarification where necessary. Table 2 shows a breakdown of responses to the JQ, illustrating the problems that many countries still encounter in providing information to ITTO and in providing a subjective indicator of the quality of the data on which this Review is based.

Many members substantially revised statistics for 2006-2008 in the 2009 JQ they submitted. This, together with the detection of errors, resulted in several modifications and amendments to statistics; the data series presented here can differ (even 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. Estimates of production and trade are, where possible, derived for incomplete responses and non responding countries based on direction of trade statistics reported by trading partners, information on processing capacity (if available) and the other sources listed. Comparisons with

global totals or totals for all tropical countries for primary products are based on statistics from the FAOSTAT database, the latest summary of global forest statistics available. All other data used in the preparation of the Review are compiled in Appendices 1 - 5.

Most members that responded to the 2009 JQ reported at least some categories of data for both 2008 and 2009. Many members were not able, however, to report any partial year data or forecasts for 2009; caution should therefore be exercised when interpreting the estimates for these countries and the ITTO totals for 2009 provided in this Review. Countries for which estimates were made (or alternate sources used) are identified by the superscripts used in the Appendices. Where countries provided estimates for 2009, an added uncertainty regarding the accuracy of these estimates has been about the timing of recovery of tropical timber markets from the impacts of the global financial and economic crisis, the impact of which has been more pervasive and longer than anticipated. Despite the best efforts of the Secretariat to ensure data consistency and accuracy it should be noted that 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 cooperation of those countries that responded to the 2009 Joint Forest Sector Questionnaire is gratefully acknowledged, as is the support of the FAO Forestry Department, the UNECE Timber Section, Eurostat Unit F-1, the United Nations Statistical Office, and the ITTO Market Information Service in providing relevant primary and supplementary data for the Review.

Table 1.1. Data Quality Indicators

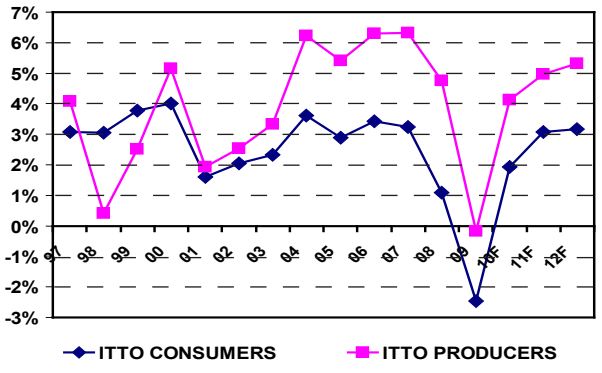
No responses: (20 of 60 countries)	*Australia, Bolivia, Cambodia, Cameroon, Central African Republic, Democratic Republic of Congo, Republic of Congo, Côte d'Ivoire, Fiji, Gabon, Guatemala, Malaysia, Myanmar, Nepal, Nigeria, Peru, Thailand, Togo, Vanuatu, Venezuela.*
Good responses: (27 of 40 countries)	*Austria, Brazil, Canada, China, Colombia, Ecuador, Finland, France, Ghana, Guyana, Honduras, Ireland, Italy, Japan, Republic of Korea, Mexico, Netherlands, New Zealand, Norway, Panama, Philippines, Poland, Portugal, Spain, Suriname, Trinidad and Tobago, USA.* ●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.
Incomplete or erroneous responses: (13 of 40 countries)	●Tropical trade data missing or unusable: 9 of 25 Consumer responses. ●Tropical production data missing or unusable: 8 of 25 Consumer responses. ●Production data missing or unusable: 7 of 15 Producer responses. ●Tropical species trade data missing or unusable: 5 of 15 Producer responses; 14 of 25 Consumer responses.

Market Developments

Economic Trends

The global financial crisis and recession in major export markets of the USA and Europe reached its height in 2009 with most economies beginning to recover moderately in 2010 although at varying levels. Figure 1.1 shows the trends in GDP growth for ITTO producers and consumer over the last 12 years and IMF forecasts to 2012. The latest IMF forecasts (IMF 2010) expect the advanced economies to expand by 2.25% in 2010 and by 2.5% in 2011. Growth in emerging and developing economies is projected to be over 6.25% during 2010/2011 following a modest 2.5% in 2009. IMF (2010) considers that economies that are off to a strong start are likely to continue to lead the recovery (particularly in the Asian region) as growth in others is held back by serious damage to financial sectors and household balance sheets. The recovery in major advanced economies is expected to be sluggish compared with recoveries from previous recessions. IMF (2010) also notes that cross border financial flows from advanced to emerging economies had picked up in early 2010, bringing with them some real effective exchange rate changes – depreciation of the US dollar and appreciation of floating currencies of some other advanced and emerging economies - but the changes had been relatively limited. The exceptions were some significant appreciation of the currencies of some Middle Eastern economies and the Japanese yen. However, currencies of a number of emerging Asian economies remain undervalued, particularly the renminbi.

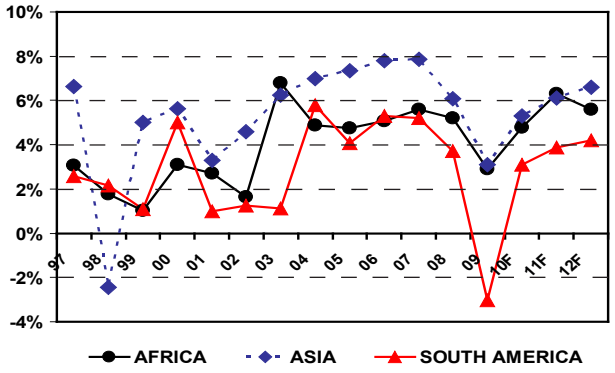
Fig. 1.1: ITTO Producers and Consumers Real GDP Growth 1997-2012



Source: IMF 2010

Although GDP growth had continued to slow in all ITTO producer regions in 2009, growth picked up in 2010 and is forecast to continue to rise to 2012 (Figure 1.2). GDP growth in the South American region had decelerated at a faster pace than the other regions in 2008 and 2009 reflecting the fall in commodity prices, declining exports and strong trading links with the USA.

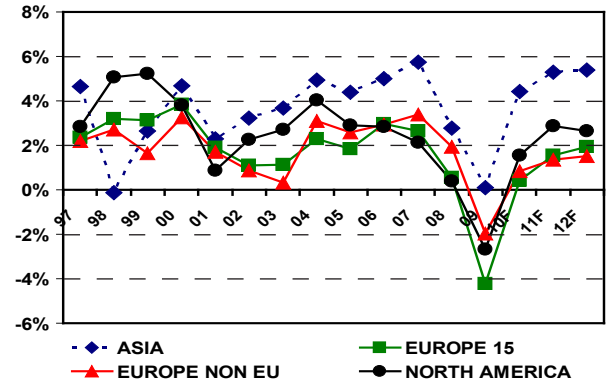
Fig. 1.2: ITTO Producer Regions Real GDP Growth 1997-2012



Source: IMF 2010

Forecasts of GDP growth in ITTO consumer regions are shown in Figure 1.3.

Fig. 1.3: ITTO Consumer Regions Real GDP Growth 1997-2012



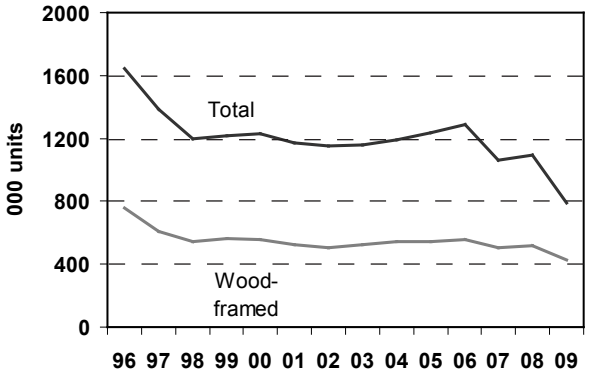
Source: IMF 2010

The Asian economies (producer and consumer) are leading the recovery from recession (with the exception of Japan), with China expected to continue to lead Asia's growth over the near term. The strong economic rebounds across the region have been driven by normalisation of trade following its collapse in 2008, a resumption of capital inflows into the region, large and speedy implementation of stimulus packages and a recovery of China's domestic demand. A large proportion of Asia's fiscal stimulus packages have been directed to public infrastructure projects (which has helped to offset some declines in residential and non-residential building activity), creating employment and providing subsidies to small businesses.

China, India and Vietnam (not an ITTO member) are expected to register the strongest construction growth in the Asian region over the next few years due to their rapid urbanization and industrialisation, with both civil engineering and residential and non-residential building expected to register strong growth. The IMF suggests that Asia's export driven economies, in the face of continued weak external demand conditions, will need to redirect towards domestic sources of growth.

Although exports have helped to support a tentative recovery in Japan's economy, domestic demand is likely to remain weak as a result of the reemergence of deflation, continued excess capacity and a weak labour market. Continued appreciation of the yen in 2010 could dampen the contribution of exports to growth. The Japanese residential housing market weakened further in 2009, although the decline in wood-framed housing starts was no as rapid as non-wood housing starts (Figure 1.4).

Fig. 1.4: Japan Housing Starts 1996-2009

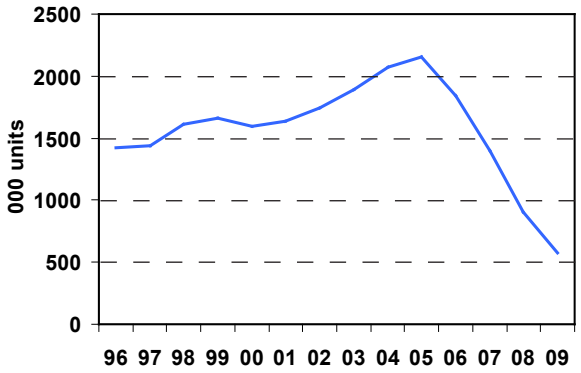


Source: Japan Lumber Reports, various issues

IMF (2010) notes that a stimulus-led recovery is underway in the USA in 2010, although recovery is expected to be gradual. There is uncertainty and risk if there is continued weakness of the real estate sector or fresh turbulence in financial markets.

US residential housing starts (Figure 1.5) continued to trend downwards and reached a record low in 2009. Although there were indications that the trend had begun to reverse, in May 2010, the US Bureau of the Census provided a revised seasonally adjusted annual estimate of 593,000 units, significantly lower than anticipated.

Fig. 1.5: US Housing Starts 1996-2009



Annual data, new privately owned housing starts
Source: US Census Bureau

In the advanced European economies, economic recovery is expected to be gradual and uneven, with moderate recovery expected in Germany, France and then United Kingdom, while Greece, Ireland, Portugal and Spain are expected to come out of the recession only slowly. The IMF (2010) notes downside risks in recovery in the region as the possibility of contagion exists if the Greek financial instability leads to a full blown sovereign debt crisis and the risk of spillovers to the euro area economies from current account imbalances in peripheral economies occurs.

Euroconstruct estimated construction output in the Euroconstruct zone had fallen 8.4% in 2009, the construction market accounting for 11% of GDP in the region. With the exception of Switzerland and Poland, all countries experienced negative construction growth, with the greatest declines in construction output in Spain and Ireland. Construction output also declined very steeply in the United Kingdom (by 12.6%) which is an important tropical timber consumer market. Italy had also performed poorly, with construction output declining more sharply than the Euroconstruct average. The downturn was attributed to a substantial drop in new residential construction (22.5%), as well as a sharp decline in new non-residential construction (12.7%). Civil engineering is the only market segment which had not declined in 2009.

In 2010, Euroconstruct predicts that total construction output will not decline any further after the strong downturn in 2009, but is expected to stagnate until 2012. New residential construction and new non-residential construction segments are expected to continue their downturn. A recovery to the pre-recession levels is not foreseen until 2012. To counteract the economic downturn, several European countries have launched fiscal stimulus packages with measures to specifically assist the construction sector. However Euroconstruct notes that the phasing out of stimulus packages, along with the required consolidation of public finances, is likely to negatively impact public construction activity in some European countries in the medium term.

Market Policy Trends

Energy efficiency in the construction sector

Mounting concerns about energy security, global warming and the risk of catastrophic climate change combined with national commitments to Kyoto targets have led to numerous policy initiatives to improve energy efficiency in wood consuming countries. The built environment has been a key focus of many of these initiatives. It is globally responsible for between 30 and 40% of energy use and CO^2 emissions (UNEP 2009).

Furthermore, compared with many other industry sectors, the opportunities to reduce energy consumption and emissions in the construction sector tend to be regarded as easier to achieve and more substantial. For tropical hardwoods, these various measures have particular implications for the supply of materials to window and door manufacturers. Heat loss through windows and external doors may be substantial, only exceeded by the potential loss through the roof, so building regulations tend to focus heavily on the u-values of these components. Manufacturers are increasingly looking to improve energy performance without loss of price competitiveness.

Energy efficiency standards in construction are often linked to Green Building Initiatives (GBIs) which attempt to provide a broader measure of the environmental performance of whole buildings. GBIs include LEED and Green Globes in North America, BREEAM in the UK, CASBEE in Japan, HQE in France, and DGNB in Germany.

The available data suggests that GBIs are beginning to make very significant headway in the USA and UK although most other markets are still some way behind. However, a considerable amount of work is required to ensure that energy efficiency standards give appropriate credit to the environmental attributes of wood products, particularly tropical wood products, and that the industry fully understands and has access to reliable objective research on life cycle environmental impacts of tropical wood products.

REDD initiatives and carbon markets

Forests are now at the very heart of international efforts to counter the threat of climate change. During 2009 there was a strong political focus on hammering out the foundations for a possible future international framework for "reducing emissions from deforestation and degradation" (REDD) in the run-up to the UNFCCC's 15th Conference of the Parties held in Copenhagen in December 2009. Policy makers are also keeping a close eye on progress of the Obama administration's "Cap and Trade" Bill which could alter attitudes to inclusion of forestry offsets into international carbon trading mechanisms. At the same time UN agencies are deeply engaged in efforts to develop international architecture for REDD, notably through the World Bank's Forest Carbon Partnership Facility (FCPF) and the UN-REDD initiative. At present much work is focused on tropical countries preparation of "Readiness Plans" for REDD and pilot projects to demonstrate the potential of the concept.

By placing a value on a key environmental attribute of standing forests, REDD initiatives have significant potential to alter the economics of tropical land management and the dynamics of the tropical timber trade. The need to integrate, in a consistent and systematic manner, all environmental services including carbon and non-carbon environmental services within a comprehensive SFM framework for tropical forests is already recognised by ITTO under its thematic programme on "Reducing Deforestation and Forest Degradation and Enhancing Environmental Services in Tropical Forests" (REDDES).

FLEG initiatives

Numerous policy measures are now being implemented with the aim of improving forest law enforcement and governance (FLEG) and countering the trade in illegal harvested timber. These measures are being promoted and co-ordinated through various intergovernmental processes such as the World Bank led regional FLEG processes, the European Union's Forest Law Enforcement, Governance, and Trade (FLEGT) Action Plan, the ITTO/FAO regional workshop process on forest law compliance and governance, and other regional efforts such as by the Central African Forestry Commission (COMIFAC), the Congo Basin Forest Partnership, the Asian Forest Partnership, ASEAN, and the Amazon Treaty Organization (OTCA). The emergence of a concerted international response to the problem of illegal logging has significant potential to increase the competitiveness of legally sourced tropical timber by removing cheaper illegal products from the market and by tackling a major factor which undermines their reputation and acts as a constant drag on marketing.

Through the FLEGT Voluntary Partnership Agreement (VPA) process, the EU is providing support to some ITTO member countries for assessing and improving legality assurance systems, policy analysis, and communication activities. In July 2009, Ghana and the Republic of Congo signed FLEGT VPAs with the EU, while formal negotiations are underway in Cameroon, Malaysia and Indonesia. VPA Licensed Timber is not expected to arrive on the European market at least until 2012. Support for measures to improve forest governance is also provided through EU FLEGT programmes covering respectively Asia and the Africa-Caribbean-Pacific (ACP) group of countries. However, there are increasing concerns about the need to achieve an appropriate balance between the need to improve forest law enforcement while avoiding imposition of extra costs on legitimate operators.

Public sector procurement policies

At present around 12 national governments worldwide have introduced some form of procurement policy for timber, including Brazil, Japan, Mexico, New Zealand, Norway and several EU member states. Procurement policies and guidelines are also being developed and implemented in several other countries with potential to impact on the demand for wood products, including in Australia, the United States, and China. Rather than merely seeking to avoid wood from illegal sources, several government authorities have moved rapidly to require that wood must be certified sustainable. The Belgian and German governments have set a minimum requirement for timber to be sustainable and effectively recognise only FSC and PEFC as appropriate evidence. The UK and Netherlands governments adopted a more phased approach, accepting both legally verified and certified sustainable timber for a period of time[1] before moving to a policy of requiring only sustainable or FLEGT VPA licensed when available. The Norwegian government has simply banned the use of all tropical wood in public sector contracts arguing that no certification system can credibly certify sustainability in the tropics.

Not all government procurement policies are so restrictive. For example, the French and the Japanese government procurement policies draw no distinction between legally verified and certified sustainable wood products and accept a wide range of approaches to demonstrate compliance; in France, the provision of various legal documents such as forest management plans and, in Japan, conformance to industry codes of conduct. Nevertheless, a common failing of all timber procurement policies is that these are rarely matched by the imposition of equivalent controls on the legality and sustainability of alternative materials. As the requirements for timber may be complicated and convoluted, the policies have potential to act as a strong incentive to avoid wood and use other materials instead.

The jury is also still out on the extent to which Europe's FLEGT VPA licensing process will impact on the relative competitiveness of tropical hardwoods in the European market. An impact assessment commissioned by the Dutch government on a potential EU-Malaysia VPA concluded that the competitiveness of FLEGT licensed timber could actually be undermined in the EU without additional efforts to ensure that no significant extra costs or bureaucratic delays are imposed on licensed timber, and that wood from potentially illegal sources in non-VPA countries is reliably removed from European supply chains.

Consumer country legislation designed to remove illegal wood from trade

Frustration at the limitations of public procurement policies and private initiatives to guarantee removal of illegal wood from supply chains has encouraged a regulatory approach in the US and EU. On 22 May 2008, the US Lacey Act was amended with the intent of extending its application to include illegally harvested timber. The amendment makes it illegal to import, export, transport, sell, receive, acquire, or purchase in interstate or foreign commerce, any plants or products made from plants - with limited exceptions - that were harvested or taken in violation of a domestic or foreign law. The Act gives the government the power to fine and jail individuals and companies that import timber products harvested, transported or sold in violation of the laws of the country in which the timber was originally harvested.

An important principle of the Lacey Act is that the burden of proof is on the US government to demonstrate that the violators knew or should have known of the underlying violation. The amended Act includes new

[1] Certified sustainable or FLEGT VPA Licensed timber was introduced as the minimum requirement for public sector contracts on 1 April 2009 in the UK and will be introduced at the beginning of 2010 in the Netherlands.

import declaration requirements that require information on the tree species of imported wood products and the name of the country where the timber was harvested. However it does not require the importer to have all of the information necessary to be certain of the legal origin of the wood. Instead the importer must collect information that, depending on what it suggests about the origin of the wood, should prompt further inquiry by the importer to assure its legality.

In October 2008, the European Commission proposed similar legislation that would oblige European operators who place timber and timber products for the first time on the Community market to apply a "due diligence system" designed to reduce the risk of illegal wood entering European supply chains. The expectation is that a law along these lines will be introduced sometime in 2010, with detailed requirements for due diligence systems being phased in over a period of years.

The impact of both pieces of legislation is still uncertain. It is not yet clear how successful the US authorities will be in bringing successful prosecutions under the Lacey Act given the challenges of establishing a reliable chain of evidence. The impact of the European law is likely to be heavily dependent on the specific requirements for due diligence systems introduced and the sanctions imposed, details that have yet to be worked out. In broad terms however, the new legislation in both the US and the EU is expected to encourage importers to seek further assurances – typically backed by independent third parties - that wood is from legal sources in areas or regions where the risk of illegal logging is judged to be high, while imposing few extra demands on wood suppliers in regions where the risk of illegal logging is judged to be low. Since illegal logging is widely perceived to be a more serious issue in tropical countries, the new requirements are likely to fall most heavily on suppliers of tropical wood products.

Corporate Social Responsibility

Corporate Social Responsibility (CSR) is an increasingly important component of global business strategy. Definitions of CSR vary but generally include references to voluntary actions by corporations, over and above compliance with legal requirements, to address the interests of wider society. The key implication of the CSR trend is that it considerably broadens the range of issues traditionally regarded as falling within the remit of corporate action. The UN Global Compact, which is used the basis of the CSR policies for many of the world's largest companies, encompasses principles covering human rights, labour standards, environment, and anti-corruption[2].

Whilst the rapid emergence of CSR activities, which is particularly prominent amongst larger companies in consumer countries, may be seen as detrimental to the international competitiveness of the tropical wood industry, there are opportunities that CSR policies will demand a more rational and informed decision-making approach on balancing the impacts of different materials and taking account of broader issues such as community development. An implication of the rise of CSR is that it heightens the importance of engagement by all materials supplying sectors, including the tropical timber sector, in various initiatives now underway to guide and harmonise CSR procedures and standards.

[2] See **http://www.unglobalcompact.org**

2. PRODUCTION, TRADE AND PRICES OF PRIMARY PRODUCTS

Highlights

- Following depressed global market demand, trade in tropical roundwood, sawnwood, veneer and plywood plunged in 2008 and remained at low levels in 2009.

- China and India dominated tropical log imports in 2007 to 2009, although China's imports declined while India's growth slowed during the period. In the medium term, tropical roundwood demand in both China and India is expected to be sustained by their strong domestic markets, stimulated by high economic growth and incentives to both countries' building industries.

- China's tropical sawnwood imports increased in 2009, with domestic demand more than compensating for the depressed demand from China's export-oriented wood remanufacturing industries.

- Japan's tropical wood product imports were impacted by a 28% plunge in housing starts in 2009 which reduced construction activity and dampened demand for tropical primary wood products.

- In 2009, as economic conditions in most EU countries continued to deteriorate and consumption declined further, tropical sawnwood imports into EU plunged to 1.7 million m^3, the lowest level that ITTO has recorded since documenting statistics on the tropical sawnwood trade.

- Log exports from African countries declined in 2008 as log export restrictions became tighter and demand dwindled, particularly in EU markets. In 2009, as the impact of the global recession resulted in significant reduction of wood processing production capacity, log export regulations were relaxed in many African producer countries to maintain revenues and business under poor trading conditions.

- Although tropical producer countries, particularly in the African region, are under-represented in the global supply of environmentally certified wood products, the increase in area of certified forest concessions in West Africa and the Congo Basin (Republic of Congo, Gabon and Cameroon), from a zero base in 2006 to around 5 million ha. in 2009, implies that an increase in production of certified wood products from the African region is expected.

- Gabon introduced a log export ban in 2010 which is expected to lead to a readjustment of sources of supply and prices in 2010, with significant impacts on the tropical plywood industries in China and France, which use significant volumes of okoumé veneers.

- Some price volatility was evident for tropical primary wood products during 2008 and 2009 reflecting some reluctance by buyers to make long term forward purchasing contracts during a period of economic uncertainty in addition to fluctuations in exchange rates and the cost of ocean freight.

- Although wood product prices trended downwards because of the unfavourable demand conditions, tropical exporters restricted supplies to meet the weak demand conditions, preventing prices from falling further.

- In 2009, demand for African roundwood species remained relatively low in the EU, but prices remained firm (albeit at a relatively low level) or trended upward (in euros) as roundwood supplies and importers' inventories dwindled because of low purchasing activity, and as suppliers diverted their exports to China and India, where demand had remained relatively stable.

This chapter provides statistics on production and trade of primary tropical forest products in ITTO producer and consumer countries, as well as price trends for selected products. Appendix 6 contains the Market Statement released in October 2009 by the UNECE/FAO Timber Committee, providing an overview of developments in important markets for non-tropical primary timber products.

Data Sources and Conventions

Data on production presented here has been derived from JFSQ returns and supplemented by other available data sources (see Appendix 1). Production statistics in many ITTO member countries are often weak or non-existent. Many producer countries lack systems to measure both forest and industrial outputs, while many consumer countries are unable or unwilling to distinguish the processing of tropical timber from all timber processing. In several cases, production figures have been derived 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 Cameroon, Republic of Congo, Côte d'Ivoire, India, Nigeria, Myanmar and Papua New Guinea) were either not provided or unusable in 2009 and have been estimated from other sources and/or trade levels (if reported). Production figures for these countries should therefore be viewed with caution. Some countries (e.g. Honduras, Venezuela) include tropical softwoods in the production data reported to ITTO. Where distinguished, these products were included in the figures for all timbers but not for tropical timber in Appendix 1. Several countries (e.g. Brazil, Indonesia) are reported by various sources to have high levels of "unofficial" industrial roundwood production. Unless estimates of such "unofficial" production could be independently verified, only official production figures are presented here.

The following sections also report on exports, imports and price trends for each of the four primary tropical timber product categories covered by the ITTA. Detailed trade statistics are presented in Appendices 1 and 2, with data sources given in the notes preceding the Appendices. Major species in trade, together with volumes and average prices when these were reported, are summarized by country in Appendix 3. An emerging challenge in analyzing trade data for tropical wood products has been the increase in trade between countries that do not provide trade data to COMTRADE and do not provide JQ returns. In these cases, the Secretariat provides estimates based on the best alternative sources of information available at the time of publication. Price trends through late 2009 for several important tropical log and sawnwood species and various grades and thicknesses of plywood from each exporting region are contained in Appendix 4 and serve as the basis for the analyses presented here. Nominal prices were reported biweekly by the ITTO/International Trade Center Market News Service (MNS) from 1990 until the end of 1995, and have continued to be reported by the ITTO Market Information Service (MIS) from then onwards. The nominal price series from these sources were converted to real 1990 US dollars using IMF exchange rate series and the IMF Consumer Price Index (CPI) for industrial countries. Both nominal and real price trends are given in Appendix 4.

As not all species are reported regularly, and since the MIS has added coverage of new products/species, some price series commence later than 1990 and may contain gaps. An attempt has been made to prepare price trend charts for a range of species/products identified as important in international trade. However, the products covered in the Review's price trend analyses may change from year to year since some species may drop out of regular international trade due to export bans or restrictions. Species are identified by internationally accepted pilot/trade and scientific names; the local names of timber species used by producer countries, where they differ from pilot/trade names, are given in Appendix 3.

Average prices for species/products traded in 2007-2008 are also included in Appendix 3 for those countries that provided this data in the 2009 JFSQ. 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 2007-2008. 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 on trade values in the JFSQ.

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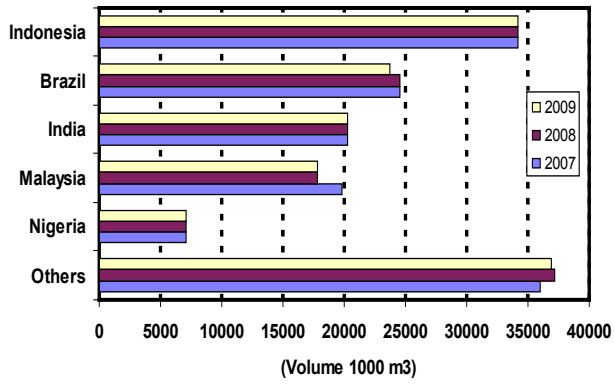
Industrial Roundwood

Production

Following depressed global market conditions, the production of tropical industrial roundwood ("logs") in ITTO producer member countries declined in 2008 and 2009, reaching 134.8 million m^3 in 2009 (down from 137.4 million m^3 in 2007). Figure 2.1 shows ITTO's five major tropical log producers for 2007-2009, ranked by 2008 production, as well as aggregate production by all

other members. Although a number of producer member countries show stable production during the period, this generally reflects the insufficiency of data provided by members[1] and hence the estimates must be considered tentative. Indonesia's production, which had increased between 2006 and 2007 in response to increasing GDP growth and domestic demand from the construction industry, levelled in 2008 and 2009 at 34.1 million m^3.

Fig. 2.1: Major Tropical Log Producers



Although increasing unemployment in Indonesia is expected to place pressure on natural forests for conversion to agriculture and Indonesia's log export ban was amended in 2009 to allow plantation grown logs to be exported due to low returns from domestic consumption, Indonesia's roundwood production will continue in the medium to long-term to be supply constrained with the wood processing sector already having a significant overcapacity and continued reports of relatively high rates of illegal roundwood consumption.

Malaysian production has been declining rapidly in recent years, dropping to 17.8 million m^3 in 2008, a year-on-year decline of 10%. Malaysian tropical log production remains less than half of the levels of the early 1990s and was estimated to remain low in 2009 in line with depressed global economic conditions and government policy to implement sustainable forest management. Brazil's tropical roundwood production is mainly concentrated in the northern states of Pará, Amazonas and Mato Grosso, with the plantation estates located in the non-tropical south and southeast regions of the country. Production remained relatively stable at around 24 million m^3 in 2008 and 2009, with dwindling export demand being compensated by strong domestic demand. Similar to the situation in Indonesia, Brazil's log production estimates are likely to be considerably higher if unofficial/illegal harvests are taken into account.

Figure 2.1 illustrates the dominance of the top four tropical log producing countries (Indonesia, Brazil, Malaysia and India) which together accounted for almost three-quarters of total ITTO production in 2008. Unfortunately, India has not provided reliable official production figures to ITTO, necessitating the use of estimates based on reported exports and assumed domestic consumption. Although Nigeria has also not provided reliable production estimates, our latest estimate shows that Nigeria was the fifth largest tropical log producer in 2008, with production totaling 7.1 million m^3. Thailand's production (5.1 million m^3 in 2008) is based almost entirely on its rubberwood and other plantation resources. Appendix 1 (Table 1-1-d) shows four other ITTO producer members (Myanmar, Papua New Guinea, Gabon, Peru and Cameroon) with log production exceeding 2 million m^3 in 2008.

Two ITTO consuming countries produced logs from their tropical forest resources in industrial quantities in 2008: China (5.0 million m^3) and Australia (45,000 m^3). The bulk of China's tropical log production comes from its southern provinces of Hainan Island and Yunnan. China State Forestry Administration's latest forest inventory report, released in late 2009, notes the increase in China's plantation forest area which has also contributed to a greater proportion of total production. Although only 11.8 million ha of forested land was in the tropical forest regions, the SFA acknowledged the benefits of China's production moving to the more productive southern provinces. Log production from these areas is almost entirely consumed domestically. Australia's much smaller production is from north Queensland and is also consumed domestically.

The regional breakdown of tropical log production amongst ITTO producer members is given in Appendix 1 (Table 1-1-d); the Asia-Pacific region produced about 63% of ITTO members' tropical hardwood logs in 2008. Latin American's share of production was about 23%, with the African region accounting for the remainder (about 14%). During the period 2007 to 2009 there were regional differences in production growth trends, with Africa's production increasing while that of Asia-Pacific and Latin America had declined. These differences may reflect a lag effect from the global downturn in wood products demand, with African supplier countries having a comparatively larger proportion of unprocessed wood products in the export mix. Anecdotal reports for 2009 suggest that production may have declined considerably in West Africa in 2009, with demand from both domestic sawmills and traditional export markets diminishing rapidly. The increase in area of certified forestry concessions in West Africa and the Congo Basin (Republic of Congo, Gabon and Cameroon), from a zero base in 2006 to around 5 million ha. in 2009, implies that an increase in production of certified wood products from the African region is expected.

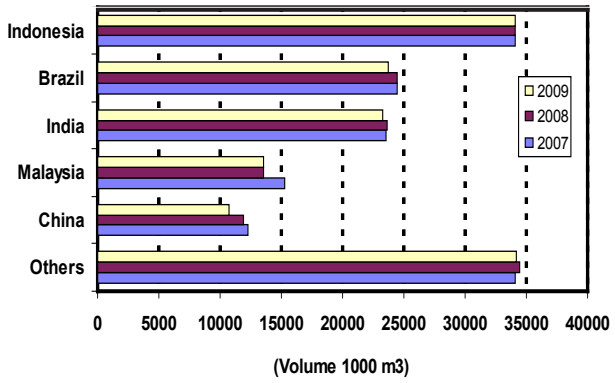
Consumption

Figure 2.2 shows that tropical log consumption for 2007-2009 was closely linked to production trends in the top four countries. Tropical log consumption in Brazil and Indonesia remained level during the period although Brazil's consumption declined marginally in 2009. Malaysia's consumption declined by 11% to 13.6 million m^3 in 2008 and Indian consumption remained relatively level. China remained the fifth largest tropical

[1] In the absence of data from official or unofficial sources data is repeated from the previous year.

log consumer with consumption declining 3% in 2008 to 11.9 million m^3 from a high in 2007.

Fig. 2.2: Major Tropical Log Consumers



The top five log consuming countries accounted for three-quarters of total ITTO consumption of tropical logs in 2008 and 2009. At a regional level, domestic tropical log consumption declined in 2008 in Asia-Pacific and remained stable in Latin America/Caribbean. In the African ITTO producer region, consumption increased 7% to 15.6 million m^3. Most of the decrease in Asia can be attributed to a decline in Malaysian consumption, with Gabon and the Republic of Congo accounting for Africa's consumption growth. As none of the top 4 tropical log consuming countries provided production estimates for 2009, estimates of domestic consumption in 2009 are unreliable and are unlikely to account for the full impact of the global financial crisis on domestic consumption of tropical logs (and other tropical wood products).

The proportion of log production utilized domestically averaged about 90% in Asia in 2007-2008. In Latin America, logs processed domestically accounted for virtually all production. African producers domestically consumed an average of 81% of their total log production in 2007 and 2008. While there will be short-term reversals when log exports surge due to economic conditions, in the longer term, population and economic growth coupled with a focus on further processing will ultimately contribute to rising domestic log processing in most producing countries. In the near term, however, reduced FDI activity has resulted in mill closures in most ITTO producer countries, dampening the prospects for increased domestic processing, particularly, although not limited to, the African region.

Imports

Figure 2.20 (at the end of this section) shows the major trade flows for tropical logs in 2008. Total imports of tropical hardwood logs by ITTO members declined 14% to 12.9 million m^3 in 2008, about 8% (or 1.0 million m^3) greater than total tropical log exports reported by all members. The gap between reported imports and exports was 11% in 2006 and 13% in 2005. Differences between reported ITTO imports and exports in 2008 are to some extent made up by reported log exports from the Solomon Islands (1.3 million m^3), Equatorial Guinea (272 000 m^3), Mozambique (262 000 m^3), Laos (217 000 m^3) and Costa Rica (77 000 m^3), the five largest non-ITTO tropical log exporters. Other non-member tropical log exporters are less significant (all under 100 000 m^3 per year) and include Viet Nam, Guinea, Benin, Zimbabwe, and Malawi. The reported sum of all tropical log exports by non-ITTO tropical countries in 2008 was 2.5 million m^3, leaving up to 2.6 million m^3 plus tropical imports by non-ITTO members (estimated to be around 100 000 m^3) to be accounted for by unrecorded or under-reported exports and/or over-reported imports from both members and non members.

Fig. 2.3: Major Tropical Log Importers

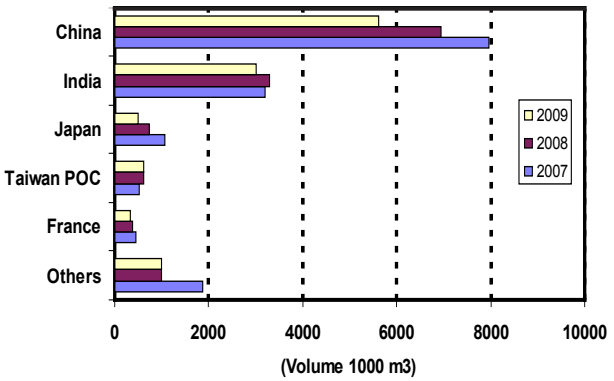


Figure 2.3 shows the top ITTO tropical log importers in 2007-2009 ranked by import volume in 2008. China and India dominate tropical roundwood imports, together accounting for nearly 80% of total ITTO tropical roundwood imports in 2008. China's imports[2]which had peaked at 8.0 million m^3 in 2007, declined 13% in 2008 although it remained the dominant country market, importing 54% of the share of total ITTO tropical log imports. The sustained growth in tropical log imports until 2007 reflected China's high economic growth rate and rising domestic consumption, sustained growth in exports of secondary processed wood products (SPWPs) and incentives for exports. However, as the global financial crisis took effect in 2008, China's wood processing industry was impacted by reduced demand for exports of tropical processed wood products (mainly wooden furniture and plywood) to traditional export markets and by a reduction in tax rebates for some wood product export items (although they were partially reinstated in 2009). To a lesser extent, demand was also depressed by a downturn in the domestic construction industry, although a recovery in the housing sector has been reported in 2010. Significant restructuring of the wood-based processing industry, particularly plywood, has occurred in 2008 and 2009, particularly in small and medium-sized enterprises. China's wood processing industry has been losing competitiveness relative to other Asian producers, with costs of manufacturing rising in response to increasing costs of labour and raw materials. As a consequence, tropical log imports decreased to 6.9 million m^3 in 2008 and 5.6 million m^3 in 2009, the lowest levels in 5 years.

[2] Official Chinese statistics do not include Taiwan POC nor Hong Kong and Macao SARs

In 2010, domestic demand is expected to recover although export demand for China's processed wood products remains uncertain, particularly in major traditional export markets such as the EU.

Papua New Guinea, Gabon, Malaysia, Myanmar, and the Republic of Congo are China's main tropical log sources, with the proportion of tropical log imports from PNG and the Solomon Islands (not an ITTO member) increasing considerably in recent years. China's imports of non-tropical logs are large and amounted to 23 million m^3 in 2008 - approximately 78% of all log imports. The proportion of total imports from Russia has declined following the implementation in 2008 of the Russian log export tax on softwood species and large-diameter birch logs (which was increased from 20% to 25% of the customs declared log value). However, a further planned increase to 80% of the log value was postponed firstly in January 2009 and again in October 2009 (until 2011) because of the negative impact of the global economic slowdown on Russia's wood industry. The uncertainty and delay associated with full implementation of the tax has provided urgency among Chinese importers to seek alternative log sources, including from ITTO producer countries. China's total log imports from all sources amounted to 29.5 million m^3 in 2008, declining to 28.0 million m^3 in 2009.

While tropical log imports declined between 2007 and 2008 in most of the major consuming countries, India, now the second largest ITTO tropical log importer, brought in 3.3 million m^3 in 2008, up marginally from 2007. Nearly 70% of India's imports are from Malaysia and Myanmar but with an increasing component from Africa. While a number of factors limit India's wood processing competitiveness, including poor infrastructure and barriers to foreign investment, tropical roundwood demand has been stimulated by high economic growth and incentives to the building industry.

Japan's tropical log imports, which are used predominantly in Japan's plywood industry, have been impacted in 2008 and 2009 by strong price competition from imported tropical plywood and softwood plywood, and in 2009 by a 28% plunge in housing starts which reduced construction activity and dampened demand for plywood. Tropical log imports dropped to 0.5 million m^3 in 2009, a dramatic decline on previous years. Plywood mills had curtailed production by 20% to 30% in 2009 because of depressed markets. Japanese demand for tropical logs in 2008 continued to be met primarily by imports from Malaysia, mostly from Sarawak (nearly 80%) with the remainder from Sabah. Smaller tropical log volumes are imported from Papua New Guinea (13%) and the remainder from Myanmar and Africa (mainly Gabon, Central African Republic, the Republic of Congo, and Democratic Republic of Congo). Russia was Japan's major log supplier in 2007, accounting for 45% of Japan's total log imports of 9.0 million m^3. However, in 2008, Russia's share of total log imports declined to 29% as Japanese manufacturers began to shift to alternative supplies since Russian logs became more expensive (in mid-2008) and in anticipation of a further prohibitive log export tax increase in January 2009 (that was not implemented). Russia's share is expected to have fallen further in 2009 and 2010 as further delays in implementation of the log export tax has allowed importers to establish alternative log sources (as has been the situation with China). Taiwan POC is still a significant importer, with imports stabilizing at about 550,000 m^3 over the last 3 years. Malaysia is the main supplier, providing nearly all the tropical log imports in 2008.

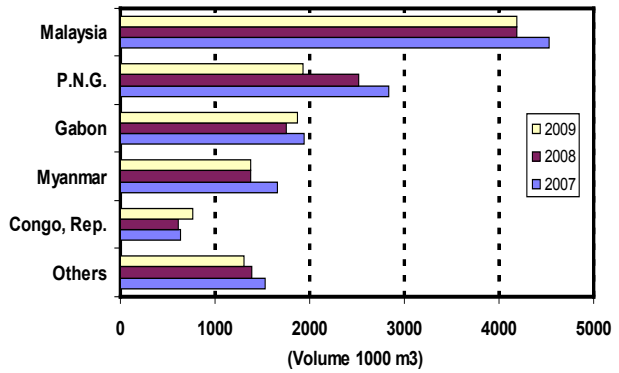
Imports of tropical logs by EU countries decreased sharply from 1.2 million m^3 in 2007 to 0.84 million m^3 in 2008 and remaining at a relatively low level in 2009. The downturn of over 36% reflected the deteriorating market conditions in EU countries and falling demand from EU wood processors, as well as investment in processing capacity in African countries. With the exception of Portugal, tropical log imports by the major EU importing countries – France, Italy, Spain and Germany – had fallen dramatically in 2008 with little recovery evident in 2009. Imports by France (the largest EU tropical log importer and the world's fifth largest tropical log importer) decreased by 16% to 370 000 m^3 in 2008 as demand softened and log export restrictions in some of its main suppliers (Cameroon, Gabon, Liberia and the Republic of Congo) were tightened. French imports were anticipated to decrease further to 330 000 m^3 in 2009 amid uncertainty about the extent and timing of market recovery. Despite falling demand and prices, in the latter part of 2008 as the US currency strengthened relative to EU currencies, West African suppliers (who trade in euros and UK pounds) were reported to have some advantage in EU markets compared with Asian suppliers (who trade in US dollars). However, this advantage diminished in 2009 as the trend reversed. In 2009, as EU importers purchased only small quantities of roundwood, the roundwood quality demands were reported as being very high.

Exports

Figure 2.4 shows the major ITTO tropical log exporters in 2007-2009[3], ranked by 2008 export volume. Total ITTO producer member exports totaled 11.8 million m^3 in 2008. Although Malaysia continues to dominate the trade in tropical logs, with 4.2 million m^3 exported in 2008 (35% of ITTO producer member exports), tropical log exports declined 8% from 2007 levels and 26% from 2005 levels. Appendix 2 (Table 2-1) shows that Malaysia's major log customers are all in Asia, with China, India, Japan and Taiwan POC accounting for 90% of the reported log export volume in 2008. In contrast to Malaysia, which has a range of export markets, Papua New Guinea's exports are dependent on one market – China – which accounted for nearly 90% of PNG's exports of 2.5 million m^3 in 2008.

[3] Total log export data for ITTO producer countries in 2009 (at 11.4 million m^3) is tentative as most ITTO producer countries did not provide export data for 2009 in the JFSQ 2009 and data is not available yet from other international sources such as COMTRADE. Where there is insufficient data or other information on which to base an estimate, the estimate provided is the figure from the previous year.

Fig. 2.4: Major Tropical Log Exporters



China has been increasing its share of PNG's exports over the last 5 years. India has replaced Japan as PNG's second largest log export destination, although both countries each accounted for less than 100 000 m^3 of PNG's log exports in 2008.

Gabon's tropical log exports, which reached a peak of 1.9 million m^3 in 2007, declined to 1.8 million m^3 in 2008 and increased slightly in 2009. Gabon's log exports in 2008 were predominantly to China (61%), which has overtaken EU markets in recent years. In 2008, ITTO reported an increase in exports of species other than okoumé (the major species traded) to India, the third largest export destination after China and France, but anecdotal reports indicate that the impact of the recession has been to concentrate trade on a small number of well known species, including okoumé. The increase in Gabon's log exports in 2009 had occurred despite log export quotas implemented in 2008 which were intended to reduce the share of log exports in the product mix. The regulation stipulated that only those producers with operational processing facilities are allowed to export a specified percentage of the concessionaire's exports. However, the global recession had resulted in a significant reduction of production capacity in the forestry sector because of the impacts of the economic downturn on demand and prices in traditional export markets. In this environment, log exports were permitted to continue to maintain revenues and business under poor trading conditions. However, in January 2010, Gabon announced more severe log export restrictions to prohibit the export of undressed roundwood. The ban was not implemented until May 2010, with roundwood buying activity from China reportedly becoming hectic in the interim period. The ban is expected to lead to a readjustment of sources of supply and prices in 2010, with significant impacts on the tropical plywood industries in China and France, which use significant volumes of okoumé veneers.

Log exports by Myanmar (the fourth largest tropical log exporter at 1.4 million m^3) declined by 17% in 2008. Myanmar's main trading partners are India and China, which together accounted for 87% of Myanmar's tropical log exports. China's imports of tropical logs from Myanmar declined 22% to 462 000 m^3 in 2008 as demand for finished teak products in China's SPWP markets declined. In the EU, boatbuilders and outdoor furniture manufacturers, increasingly concerned about security of supply and the public acceptability of teak from Myanmar, were reported to be seeking alternative sources of teak and substitute species. During the same period, exports to India increased by over 200%, with India becoming the major destination of Myanmar log exports. In 2009, however, Indian importers were reporting shortages of Myanmar teak and were seeking alternative supplies, including plantation teak logs (which are now regarded as being of sufficient quality) from Ghana, Benin, Sudan and Tanzania. Teak is a well known and preferred species in India, with its demand having been sustained by high construction needs and GDP growth.

Africa supplies the majority of the remainder of world tropical hardwood log exports. Gabon was the region's largest exporter (and, as noted above, ITTO's third largest), but the Republic of Congo, Cameroon, Democratic Republic of Congo, and Côte d'Ivoire also exported substantial quantities of logs in 2008. The Republic of Congo's log exports declined in 2008 to about 612 000 m^3 but recovered strongly in 2009 to 770 000 m^3. Although a log export quota system was implemented in 2008, China - the major importer - reported a 19% year-on-year increase in log imports from Republic of Congo to 395 000 m^3. In 2010, with the log export ban imminent in Gabon, importers were increasingly seeking supplies of okoumé from the Republic of Congo and other African suppliers. In 2009 the Republic of Congo became the second country, after Ghana, to conclude a Voluntary Partnership Agreement (VPA) with the European Commission, the first legal exports under the new system being expected in 2011. The Agreement, which requires wood product exports to EC countries to be supported by licenses showing that the products have been legally harvested and are from sustainably managed sources, is expected to reassure European consumers of the origin of products imported from the Republic of Congo. The Republic of Congo's main log markets in the EU are France, Spain, Portugal and Italy. Cameroon's tropical log exports declined to 258 000 m^3 in 2008. Although log exports were expected to decline further in 2009, exports recovered slightly to 265 000 m^3 with Cameroon relaxing log export controls as the wood processing sector suffered significant setbacks under depressed global market conditions. Ghana's log export ban covers all species with the exception of plantation logs, predominantly teak.

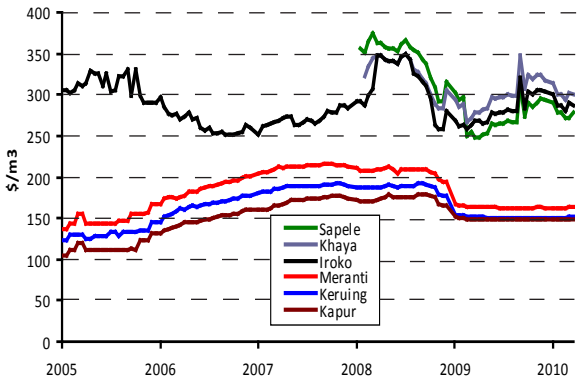
Exports of tropical logs by consumer countries were relatively insignificant and have been declining since 2005 to 79 000 m^3 in 2008 and an estimated 62 000 m^3 in 2009. Consumer countries did not in general provide detailed breakdowns of exports or re-exports of tropical timber products (value or destination), but a significant portion of this trade is known to be conducted between EU countries.

Prices

Figure 2.5 summarises real (1990) log price trends for three West African and three Southeast Asian species from

January 2005 to March 2010, while Appendix 4-1 shows nominal and real log price trends for a more detailed range of species[4]. Price trends for some of the more important internationally traded species of West African logs (iroko, sapele and khaya) rose continuously during 2007 reaching a peak in early 2008, with the rate of increase being at least partially due to exchange rate fluctuations (prices rose more rapidly in US dollar terms than in euros).

Fig. 2.5 Tropical log price trends, 2005-2010.



Note: Prices in constant 1990 US dollars per cubic metre (deflated by the IMF Consumer Price Index for industrial countries). Data series for sapele and African mahogany are only available from January 2008.

The improvement of log prices in euros reflected greater demand during this period (including from China and India); disruptions in log supply due to political unrest in the West African region; and increasing log export restrictions in the region. Until mid-2008, prices remained relatively stable, assisted by China's high level of investment in the region and tightening of log export restrictions, which had restricted supply. In mid to late 2008, prices plunged as the effects of the global economic downturn on demand took hold initially in the USA and the UK followed by other EU markets. However, in 2009, although demand remained relatively low in the EU, prices remained firm (albeit at a relatively low level) or trended upward (in euros) as roundwood supplies and importer's inventories dwindled because of low purchasing activity, and as suppliers diverted their exports to China and India, where demand had remained relatively stable.

Log prices for Southeast Asian species (meranti, keruing and kapur) rose continuously between 2005 and mid-2007, slowing in the last quarter 2007 but remaining relatively stable until September 2008, after which they sharply declined as demand plummeted in all major markets. Apart from shortages in supply and restrictions on log exports from Indonesia, firming prices for these products in 2007 were due to continued strengthening of demand in China and India during this period, both markets having imported a wide variety of sizes and grades. The maintenance of relatively high prices during mid-2007 to late 2008 in an uncertain market was due to continued strong demand in China, India and the Middle East, and continued upward price pressure caused by rising ocean freight rates. By early 2009, the demand conditions in China, India, the Middle East and EU had deteriorated, ocean freight rates plummeted in response to movements in the price of crude oil, and log prices rapidly declined. At the end of 2008, low demand in India was reported to have caused an excess supply of kapur (and keruing) on global markets, which contributed to further downward pressure on prices. During 2009, log prices (which are free-on-board and do not include the freight component) remained stable at low levels as demand in all major markets remained depressed, resisting upward price pressure from rapidly increasing freight rates.

Sawnwood

Production

Production of tropical sawnwood in ITTO producing countries totaled 41.6 million m^3 in 2008, a marginal increase on the 2007 level. Production decreased to 41.1 million m^3 in 2009, with most of the decrease occurring in the Asia-Pacific region. Although many African producer countries have introduced log export restrictions and requirements for further processing, the region continues to provide a relatively small proportion of ITTO tropical sawnwood production (11% in 2008 and 2009).

In 2009, anecdotal reports suggested a more significant downturn in tropical sawnwood production in 2009 than has been provided in Table 1-1-d in Appendix 1. The sawmilling industries in the region were reported as being severely impacted by declining prices (although prices picked up in 2009) and reduced demand in traditional export markets, with reports of mill closures and cessation of construction of new mills reported in Gabon, Cameroon and Côte d'Ivoire. The economic crisis in the developed economies was also expected to result in less foreign direct investment in the region, constraining the investment required to develop wood processing facilities that are internationally competitive.

Production in Latin America, which comprised 44% of ITTO tropical sawnwood production, grew by 6% between 2007 and 2008 to 18.5 million m^3 and is anticipated to remain level in 2009. With the exception of Mexico, all the major producers in the region increased their production in 2008 although Brazil accounted for the bulk of the increase, with high economic growth and construction demand fuelling an increase in domestic sawnwood demand. Sawnwood production in the Asia-Pacific region declined 4% in 2008 to approximately 18.4 million m^3 and declined further in 2009 to 18.0 million m^3.

However, aggregate figures for the Asian region are speculative given the lack of data on sawnwood production in all the major producing countries - India, Indonesia,

[4] Appendix 4-1 shows indicative real (1990) and nominal FOB price trends for export logs of two West African and five Southeast Asian species as well as domestic price trends for Malaysian rubberwood logs (this species being used mainly in the domestic market for the manufacture of furniture and furniture parts for export)

Malaysia and Thailand - over this period. The Asian region accounted for around 44% of tropical sawnwood production in producer countries in 2008.

Fig. 2.6: Major Tropical Sawnwood Producers

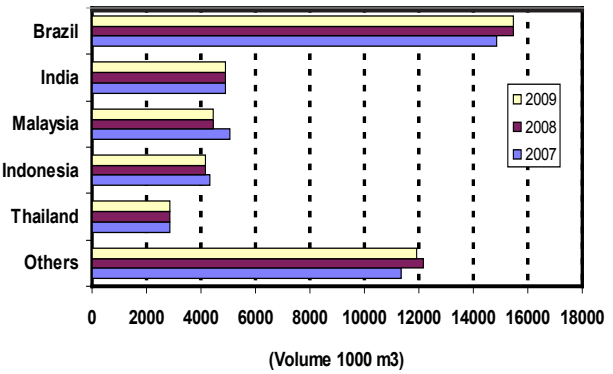


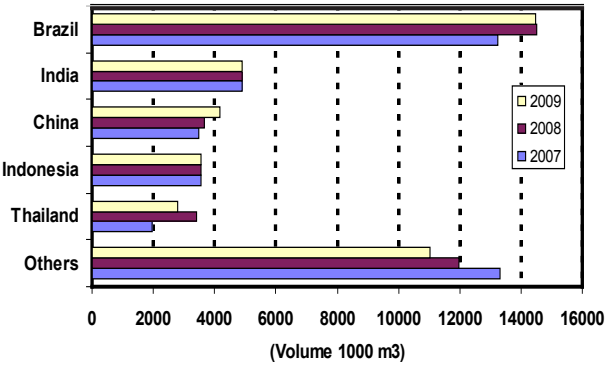
Figure 2.6 shows the major ITTO producers of tropical sawnwood in the 2007-2009 period, ranked by 2008 production. Brazil was the largest ITTO tropical sawnwood producer, totaling 15.5 million m^3 in 2008, with production growing steadily over the last 5 years. India (4.9 million m^3), Malaysia (4.5 million m^3), Indonesia (4.2 million m^3) and Thailand (2.9 million m^3) were other major producers of tropical sawnwood in 2008.

The top five tropical sawnwood producing countries comprised over 76% of ITTO sawnwood production in 2008. Appendix 1 shows that seven other ITTO producer and consumer countries (Nigeria, Myanmar, China, Cameroon, Peru, Colombia and Ghana) produced over 500 000 m^3 of tropical sawnwood in 2008. China and Ghana provided sawnwood production estimates for 2009, predicting a year-on-year increase of 11% and 2% respectively.

Consumption

Figure 2.7 shows the main ITTO consumers of tropical sawnwood, ranked by 2008 consumption. Consumption by ITTO consumer countries declined between 2007 and 2008 to around 7.0 million m^3, and is estimated to remain at this relatively low level in 2009. Consumption by producer countries totaled 35.0 million m^3 in 2008, a 6% increase on the 2007 level, and is estimated to decline to 34.0 million m^3 in 2009. The five countries in Figure 2.7 accounted for over 76% of ITTO members' consumption of tropical sawnwood in 2008. Brazil remains the largest ITTO tropical sawnwood consumer at over 14.5 million m^3 in 2008 (up 9.7% from 2007), with strong sawntimber demand in the growing construction sector. India was second, consuming around 5 million m^3 in 2008. China and Indonesia follow in third and fourth place, with tropical sawnwood consumption of 3.7 million m^3 and 3.5 million m^3 respectively. China increased consumption in 2009, while Indonesia remained level. Thailand was the fifth largest consumer at 3.4 million m^3 in 2008. Nigeria was the only major tropical sawnwood consumer in Africa with consumption at approximately 1.8 million m^3 in 2008 and 2009. Japan's tropical sawnwood consumption has declined steadily in recent years, dropping to 263 000 m^3 in 2008 and plummeting further to 198 000 m^3 in 2009. Although the fall in consumption in 2008 and 2009 can be attributed to the global economic downturn, consumption has been continuously falling for several years due to the country's lacklustre economy, strong competition from imported softwoods and more recently, an increase in availability of domestic log supplies.

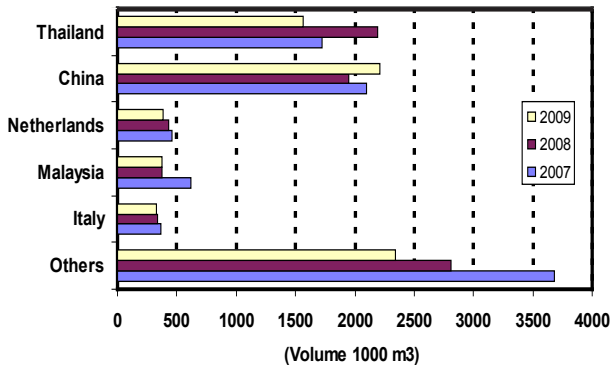
Fig. 2.7: Major Tropical Sawnwood Consumers



Imports

Figure 2.21 (at the end of this section) shows the major trade flows for tropical sawnwood in 2008. Total ITTO imports of tropical sawnwood declined to 8.1 million m^3 in 2008 and are estimated to decline further to 7.2 million m^3 in 2009 as demand conditions continue to deteriorate in consuming countries. Figure 2.8 shows the major ITTO sawnwood importers in 2007-2009, ranked by 2008 import volume. Thailand was the largest ITTO tropical sawnwood importer in 2008, with three-quarters of the imports from Malaysia. However, there are significant discrepancies between Thailand and Malaysia's reported tropical sawnwood trade (over 1 million m^3) and between Thailand and its other supplying countries, suggesting that Thailand's sawnwood trade statistics may be unreliable[5].

Fig. 2.8: Major Tropical Sawnwood Importers



[5] Thailand also reported significant imports from Laos (not an ITTO member country) of over 2.8 million m^3 in 2008 which were not able to be verified by Laos export statistics and are significantly higher than sawnwood production data for Laos provided by FAOstat.

With imports of nearly 2.0 million m^3 in 2008, China is the second largest ITTO tropical sawnwood importer, although year-on-year imports declined by 7.1% as demand for sawnwood in the export-oriented furniture industry began to slow. In contrast to Thailand, China has a larger range of tropical sawnwood suppliers, the main suppliers in 2008 being Thailand (41%), Indonesia (12%), Malaysia (13%), Brazil (8%), the Philippines (9%) and Myanmar (5%). Imports from African countries (Gabon, Cameroon, the Republic of Congo, Côte d'Ivoire, and Ghana) were less than 3% of China's tropical sawnwood imports in 2008. In 2009, China's tropical sawnwood imports increased to 2.2 million m^3, as domestic demand more than compensated for the depressed demand from China's export-oriented wood remanufacturing industries. The tropical sawnwood trade continues to be dominated by trade within the Asia-Pacific region, with about 65% of the global trade being within the region. Malaysia's imports plummeted to 374 000 m^3 in 2008, 39% less than the previous year and over 60% less than the 2005 level. Malaysia's suppliers were mostly from the Asian region, with 87% of imports in 2008 from Thailand, Indonesia and the Philippines.

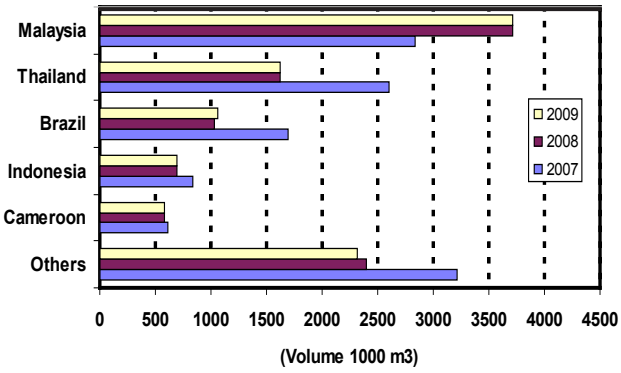
Total tropical sawnwood imports by EU countries dropped to 2.1 million m^3 in 2008 with the decline worsening in late 2008. In 2009, as economic conditions in most EU countries continued to deteriorate and consumption declined further, tropical sawnwood imports plunged to 1.7 million m^3, the lowest level that ITTO has recorded since documenting statistics on the tropical sawnwood trade. All the major importing countries in the EU region reported significant reductions in imports in 2008 and 2009. The Netherlands was the largest EU importer (and ITTO's third largest) in 2008, although imports had declined to 428 000 m^3 in 2008 and forecast to decline further to 385 000 m^3 in 2009. The Netherlands was supplied mainly by Cameroon, Brazil and Malaysia. Italy was the fifth largest ITTO importer and the second largest importer of tropical sawnwood in the EU, with imports totaling 336 000 m^3 in 2008 and remaining relatively stable in 2009. Italy's imports were mainly from countries within Africa – Cameroon, Côte d'Ivoire and Ghana. Significant setbacks in the construction sectors in Spain and Portugal resulted in sharp declines in tropical sawnwood imports by both countries in 2008 and 2009.

Although the downturn in demand for tropical sawnwood in the EU countries from 2007 can be largely attributed to the general effects of the global economic slowdown, a number of other factors have been impacting the market competitiveness of tropical sawnwood in recent years, including a lack of availability of certified timber (in the UK); loss of SPWP manufacturing capacity as a result of strong competition from Asian manufacturers (particularly China); substitution by non-tropical sawnwood in furniture and joinery manufacture; and growing interest in non-tropical hardwood imports from East European countries which are perceived to have better trading relationships than tropical supplying countries. Although demand for certified sawnwood products in the EU is growing, it is still at a relatively low level while the level of certification in the tropical hardwood sector is significantly lower than for softwoods. The UK, and to a lesser extent the Netherlands, have progressed further than other EU markets in establishing markets for certified products and there are some indications that the economic downturn has widened the distinction between the small number of environmentally proactive timber traders supplying the sustainable construction market, and the larger group of companies that are primarily focused on price.

Exports

Figure 2.9 shows the major ITTO tropical sawnwood exporters in 2007-2009, ranked by 2008 export volume. ITTO producers exported 9.5 million m^3 of tropical sawnwood in 2008, down 15% from the 2007 export volume. ITTO members account for most of the global exports of tropical sawnwood, with Madagascar (130 000 m^3), South Africa (122 000 m^3), Kenya (102 254 m^3), Singapore (97 000 m^3) and Malawi (88 000 m^3) the only significant non-member exporters in 2008.

Fig. 2.9: Major Tropical Sawnwood Exporters



Malaysia, the largest tropical sawnwood exporter, recorded exports of 3.7 million m^3 in 2008, constituting 37% of total ITTO producer member exports and an increase of 31% on the 2007 level. Nearly all of the increase can be attributed to a sharp rise in exports to Thailand, the major market[6]. Appendix 2 (Table 2-2) shows that Malaysia's other major sawnwood customers in 2008 were China, Taiwan POC, and Japan. As discussed previously, there was a large discrepancy between the tropical sawnwood trade flow reported by

[6] Although data provided to COMTRADE by both trading partners (Malaysia and Thailand) indicated a significant increase in tropical sawnwood trade in 2008 (notwithstanding the large discrepancy in the reported trade flow, as discussed previously), other information suggests that this data may be unreliable. The export dependent Thai economy, for example, had been severely impacted in 2008 and 2009 by the contraction in global demand, which impacted all sectors of the Thai economy including the construction sector. (Although the domestic economy grew strongly in early 2010, this is likely to be undermined by the impact of the European debt crisis and the current political unrest). The Secretariat is seeking clarification on these figures from the Malaysian and Thailand authorities.

Malaysia and trading partner Thailand, and also with Japan in 2008, indicating the continued problems of unreported trade flows in Asian countries for tropical sawnwood.

Thailand's exports of tropical sawnwood dropped to 1.6 million m^3 in 2008, a substantial decline from 2.6 million m^3 in 2007. Thai exports were predominantly to China, Taiwan POC and Malaysia. Although the discrepancies between Thailand's reported trade with China and Malaysia were less than in previous years, Thailand reported exports of 597 000 m^3 to Taiwan POC in 2008 whilst Taiwan POC reported negligible imports from Thailand.

Brazil is the third largest ITTO tropical sawnwood exporter, with exports totaling 1.0 million m^3 in 2008, down 39% from 2007 levels. Exports plunged as the currency continued to appreciate relative to the US dollar (until August 2008), domestic demand grew and demand in Brazil's major sawnwood export markets declined. Brazil's major markets in 2008 were the Netherlands, China, France and the USA (with large discrepancies between all the major reported trade flows). Brazil's exports are estimated to remain level in 2009.

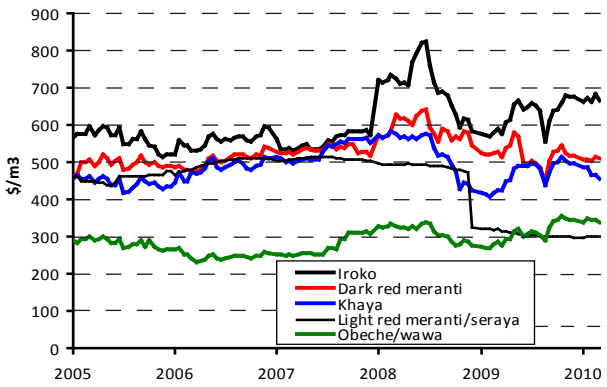
Indonesia's exports of tropical sawnwood declined dramatically in 2008 to 698 000 m^3, less than half of exports in 2006. Estimates for Indonesia's exports of tropical sawnwood have understated total trade in previous years, particularly with China. In 2008, large discrepancies continued to exist between Indonesia's official reports of exports to Malaysia and China, and their respective reports of imports from Indonesia. Cameroon's exports declined slightly in 2008 to 578 000 m^3 with exports mainly to European destinations – Italy, the Netherlands, France and Belgium. Cameroon's exports were expected to decline further in 2009 as demand and prices in EU markets remained subdued.

ITTO consumer countries exported small volumes of tropical sawnwood, totaling 501 000 m^3 in 2008, with exports expected to drop to 399 000 m^3 in 2009. Most of these exports (84%) are from EU countries and most of the trade is intra-regional, within the EU. Belgium, a larger tropical sawnwood exporter than many producer countries, was the main EU tropical sawnwood exporter with 119 000 m^3 in 2008, followed by the Netherlands and Germany.

Prices

Real (1990) and nominal sawnwood FOB price trends for three Ghanaian species, two Malaysian species and two Latin American species of tropical sawnwood are featured in Appendix 4-2. Figure 2.10 summarises real prices for three African species (iroko, khaya and obeche/wawa) and two Malaysian species (light red meranti/seraya and dark red meranti) from January 2005 to March 2010. The demand for African mahogany (khaya or acajou, one of the continent's most valuable sawnwood export species) rose steadily to the end of 2007 following restrictions on the supply of South American mahogany (*Swietenia macrophylla*), a species strongly favoured by US consumers. Although demand was reported to be strong in EU countries in 2007, strong price competition from alternative species (particularly meranti) and slowing demand in the USA flattened prices. Prices fell rapidly from mid-2008, reaching \$408/m^3 (\$600/m^3 nominal) in February 2009. Strong price competition was reported during this period between the African supplying countries – Ghana, Côte d'Ivoire, Gabon and Cameroon. Prices in UK pounds, however, plateaued in the last quarter of 2007 and 2008, while the price decrease from mid-2008 in US dollars reflected a significant strengthening of the US dollar relative to the UK pound. Prices picked up again in 2009, reflecting restricted supplies and the relatively small volumes being traded, as well as increases in ocean freight rates which impacted CIF prices.

Fig. 2.10 Tropical sawnwood price trends, 2005-2010



Note: Prices in constant 1990 US dollars per cubic meter (deflated by the IMF Consumer Price Index for industrial countries)

Until mid-2007, wawa (or obeche) sawnwood prices reflected a decline in the overall market for wawa in Western Europe, as manufacturers either relocated or imported mouldings and other semi-finished components from Africa or low-cost locations in Eastern Europe and Asia. Wawa demand was also affected by MDF substitution in some European markets. Prices increased to a high in nominal terms of \$496/m^3 (\$337/m^3 real) in mid-2008, driven by strong demand for white timbers in the mouldings and sauna industries and a reduction in supply from Ghana. Real prices dipped to a low of \$270/m^3 (\$398/m^3 nominal) in February 2009 as prices were adjusted downwards in response to decreasing demand and comparatively high stocks in EU markets. From early 2009, prices trended upwards, again reflecting supply adjustments to reductions in demand.

Until late 2007, prices for iroko (or odum, currently West Africa's most valuable sawnwood export species) remained relatively stable within periodic fluctuations of supply from Africa and demand from EU countries. Real prices reached a high of \$824/m^3 (\$1212/m^3 nominal) in July 2008 with demand from India and China remaining steady. Although demand for iroko in EU markets was reported to be subsiding during this period, prices

remained firm because exporters reduced supplies rather than prices to match low demand. In late 2008 and early 2009, prices dropped in US dollars – to $839/m^3 (nominal) – while remaining relatively flat in UK pounds. Demand from UK and Irish importers – both major markets for iroko in the EU – were reported to be affected by very low requirement in the building and carpentry sectors as their economies slowed in late 2008. The price volatility for iroko (and other tropical sawnwood species) during 2008 and 2009 reflected some reluctance by buyers to make long term purchase contracts during a period of economic uncertainty. Apart from a drop in September 2009, prices trended upwards through 2009, as production and supplies from producer countries remained low, with producers slowing production rather than increasing export volumes to demand-constrained markets.

Prices for Malaysian dark red meranti sawnwood in the UK market rose considerably in early 2008, reaching a peak of $638/m^3 (939/m^3 nominal) in mid-2008, with Asian suppliers to the EU benefiting, compared to African suppliers, from the weakness of the US dollar during this period. In late 2008, prices began to slide in US dollar terms although rising in UK pounds to the end of 2008, as Malaysian suppliers sought to push prices up in UK pounds (the currency in which dark red meranti sawnwood is traded) as it depreciated steeply relative to the US dollar during this period. Prices declined in UK pounds from early 2009 until September 2009, as consumption weakened and as the UK currency strengthened.

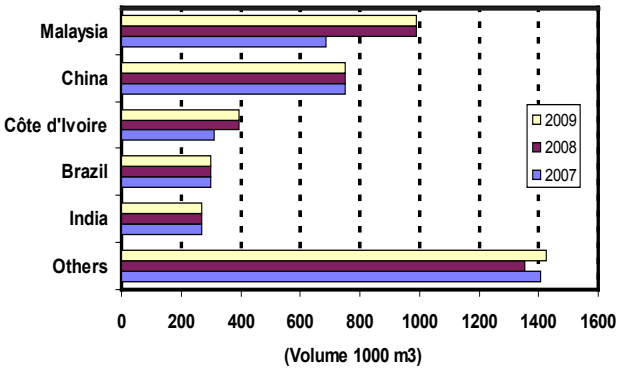
Prices trended upwards in US dollars until early 2010, with upward price pressure from rising freight costs and very limited supplies. Seraya (also known as light red meranti, a medium density utility timber) scantlings prices remained relatively stable, hovering around $500/m^3 (real) during the period 2006 to 2008. Prices dropped sharply in early 2009 as the global economic slowdown took effect, reducing demand in EU markets and in Malaysia's domestic wood working industries, with high inventories forcing suppliers to reduce export prices to buyers. Although remaining relatively steady in 2009 and early 2010, prices had not recovered to previous levels. In EU markets, importers' quotes in 2009 were reportedly spanning a relatively wide range of prices with considerable differences between Malaysian and Indonesian supplies. In the UK, price premiums for tropical sawnwood supplied under private sector legality verification systems were reported as typically in the range of 3% to 15% with most at the lower end of the range. The highest price premiums reported for tropical sawnwood in the UK were in the range of 20% to 50% for FSC certified products from Africa and Brazil.

Veneer

Production

Production of tropical veneer in ITTO producer countries amounted to nearly 3.2 million m^3 in 2008. Although production figures should not include veneer used in domestic plywood production, this distinction is often ignored because most veneer production is destined for the plywood industry and the volumes of decorative veneers produced and traded internationally are very small. Although exports of tropical veneer were negatively impacted by the downturn in furnishing and furniture manufacturing in most destination markets in 2008 and 2009, veneer production in producing countries increased by 13% in 2008 and was estimated to increase further to 3.3 million m^3 in 2009. The Asian producer region (excluding China) produced nearly 1.9 million m^3 of tropical veneer in 2008, Africa produced 918 000 m^3 and Latin America produced 362 000 m^3. Veneer production increased in all regions in 2008, the largest gain being in the Asian region (up 11%). ITTO veneer producers in 2007-2009 are shown in Figure 2.11.

Fig. 2.11: Major Tropical Veneer Producers



Malaysia's tropical veneer production amounted to nearly 1 million m^3, accounting for 24% of total ITTO veneer production in 2008. Malaysian production has been rising since 2006, increasing 62% over the 2-year period. Although an ITTO consumer country, China is ITTO's second largest tropical veneer producer and has increased its veneer manufacturing capacity considerably in recent years. As reliable information on China's tropical veneer production is unavailable, our best estimate is production totaling 750 000 m^3 in 2008, accounting for 18% of total ITTO veneer production.

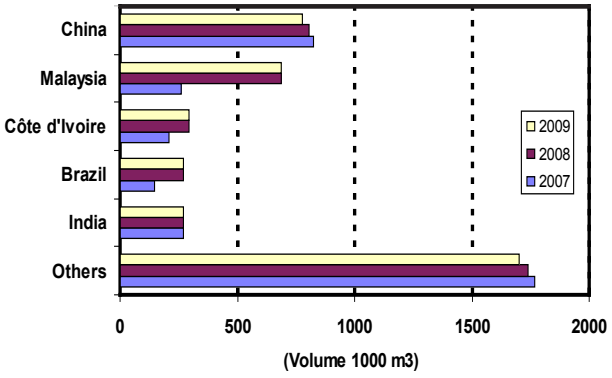
Côte d'Ivoire is the only African country in the top five tropical veneer producers. Côte d'Ivoire's veneer production has been increasing steadily in recent years with significant investment in processing in Côte d'Ivoire by European companies. Veneer production increased by 27% (to 396 000 m^3) in 2008. Although reliable production data is not available for 2009, it is likely that production had been curtailed given the dependence of the export-oriented industry on EU markets (Italy, Spain, and Germany) whose furniture and woodwork industries had been stagnating during the period. Brazil was ITTO's fourth largest tropical veneer producer with 300 000 m^3 in 2008, dominating production in the ITTO Latin America/Caribbean region. India was ITTO's fifth largest tropical veneer producer, with 270 000 m^3 in 2008. The top five tropical veneer producing countries comprised about two-thirds of ITTO veneer production

in 2008. ITTO consuming countries produced 875 000 m^3 of tropical veneer in 2008, marginally down on the 2007 level. Consumer production is estimated to remain stable in 2008. China accounted for the bulk of ITTO consumer countries' production (86%), with production declining to marginal levels in the Republic of Korea, which was previously a significant producer. In the EU countries, production of tropical veneer from imported tropical logs has been affected by the lack of availability of veneer quality logs of higher value species, with strong competition for raw material from China. In 2009, European veneer plants were reportedly facing major capacity utilization problems, with weak consumption and lack of availability of quality veneer logs from tropical supplying countries.

Consumption

Consumption[7] of veneer in all ITTO member countries, in furniture and other secondary processing industries (but not destined for plywood), increased by 17% to 4.1 million m^3 in 2008. Consumption in ITTO consumer countries is estimated to remain at approximately the same level in 2009, although a decline in consumption of wooden furniture and other products using wood veneer in the ITTO consumer countries will more than offset a marginal rise in consumption in the producer countries. Figure 2.12 shows the major ITTO consumers of tropical veneer from 2007-2009.

Fig. 2.12: Major Tropical Veneer Consumers



China maintained its position as ITTO's largest tropical veneer consumer in 2008, followed by Malaysia, Côte d'Ivoire, Brazil and India, among other countries. In 2007 China's consumption declined slightly in 2008 to 806 000 m^3 and is forecast to decline slightly in 2009 to 780 000 m^3. Domestic consumption was reported to have dropped following the conclusion of the Olympic Games in mid-2008 but it continues to account for over half of ITTO consumer countries' tropical veneer consumption. Tropical wood veneers are used as a decorative face in furniture, solid composite flooring and wooden doors in China's domestic and export markets and tropical veneer consumption has followed China's growth in those industries. Malaysia's tropical veneer consumption increased considerably in 2008 to 689,000 m^3 from 262,000 m^3 in 2007. Côte d'Ivoire's consumption reached 293,000 m^3 in 2008 but it is likely that this figure represents some input to the country's plywood industry. Consumption in both Brazil and India reached 270 000 m^3 in 2008, with a number of other countries - the Republic of Korea, Indonesia, Ghana, Thailand and Taiwan POC - sustaining a relatively large consumption base. The EU (mostly Italy and France and to a lesser extent, Germany and Spain) was also a major tropical veneer consumer, with 266 000 m^3 in 2008, down 15% from 2007. Veneer consumption has been negatively impacted by the downturn in building activity and consumer spending, as well as competition from imitation veneer and other surfaces. The top five tropical veneer consuming countries comprised about 57% of total ITTO veneer consumption in 2008.

Imports

Many importing countries do not differentiate between the various types of veneer and plywood (e.g. softwood/hardwood, temperate/tropical) in trade statistics. For plywood, different species of veneers (softwoods and hardwoods) are increasingly used in production. The 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 reported 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, combining tropical and non-tropical veneers and panels. Some also aggregate veneer and plywood into a single category. The discrepancies in trade partner reports in Appendix 2 for veneer can also be partially due to the use of different conversion factors in different countries. The adoption of a standard measurement system for veneer and panel products is a priority if improvements in the accuracy of these statistics are to be achieved.

Fig. 2.13: Major Tropical Veneer Importers

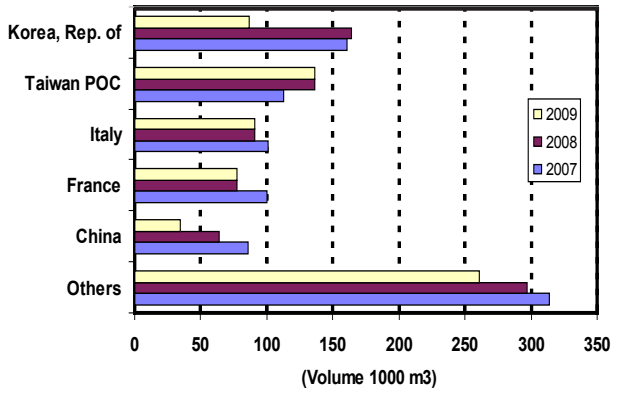


Figure 2.13 shows the major ITTO veneer importers for 2007-2009, ranked in order of 2008 import volume. Total ITTO tropical veneer imports decreased 5% to 829 000 m^3 in 2008, followed by a larger decline of 17% in 2009 to 686 000 m^3. Although the Republic of Korea, remains the largest ITTO tropical veneer importer, importing

[7] Consumption data presented in this report have been derived from production and trade data and not obtained from direct country source data. As such, the data should be interpreted with caution.

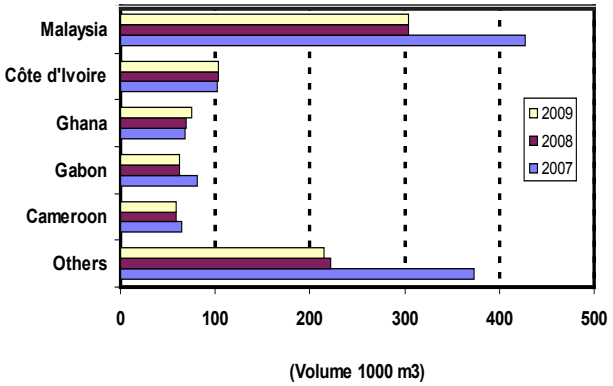
164 000 m³ in 2008, imports are significantly less than the high of 249 000 m³ in 2005. Taiwan POC is the second largest tropical veneer importer, at around 136 000 m³ in 2008 followed by Italy at 91 000 m³. China's imports (previously ITTO's largest in the early 2000's) have continued to decline, to 84 000 m³ in 2008 and are expected to drop to 34 000 m³ in 2009. China's consumption of tropical veneer is now predominantly supplied by veneer produced in China from imported tropical logs.

EU imports of tropical veneer have declined slightly since 2006, dropping to 317 000 m³ in 2008 and 314 000 m³ in 2009. The EU accounted for 38% of total ITTO imports in 2008. The majority of European imports are from African producers (mainly Côte d'Ivoire, Ghana, Gabon and Cameroon), although in 2009 there had been a shift in supply sources of tropical hardwood veneer with the Republic of Congo and Gabon increasing market share at the expense of Côte d'Ivoire and Ghana. In 2008, EU door manufacturers, who are major users of wood veneer, were reported to be affected by the downturn in the housing industries in several EU countries, with new housing reported to be more affected than interior remodeling. Spain's imports of veneer were severely affected by the downturn in door manufacturing activity resulting from a collapse in construction activity in 2008 and 2009. However, although the EU's total imports of veneer (softwood and hardwood) halved between 2008 and 2009, imports of tropical veneer remained level. In addition to the downturn in door and furniture manufacturing, in some EU markets wood veneer has been progressively losing market share to other surfaces, including glass and plastics.

Exports

Figure 2.14 shows the top ITTO tropical veneer exporters in 2007-2009, ranked in order of 2008 export volume.

Fig. 2.14: Major Tropical Veneer Exporters



Total ITTO producer member's exports declined by 28% between 2007 and 2008 to 727 000 m³ and were expected to remain at a similar level in 2009. Malaysia continues to dominate exports, even though there was a large year-on-year decline (29%) in 2008, with exports dropping to 304 000 m³. Malaysia's exports continue to be constrained by a declining availability of tropical log supplies to Malaysia's veneer industry and the growth in domestic consumption of tropical veneer to support Malaysia's expanding secondary processing industries. In 2007, exports had increased because of a growing market for Malaysian veneer in the Middle East – notably Yemen, Saudi Arabia and Quatar - which together accounted for nearly half of Malaysia's exports. In 2008 and 2009, a downturn in construction activity in Middle Eastern markets reduced demand for veneer in the furniture and other woodworking industries in the Middle East in addition to other traditional export markets. Malaysia's tropical veneer exports in 2008 accounted for 42% of the ITTO producer member total. Appendix 2 (Table 2-3) shows that Malaysian exports to ITTO member countries are mainly directed to the Republic of Korea, Taiwan POC, Japan, the Philippines and China, with large discrepancies in reported trade flows between Malaysia and all major importing countries.

Côte d'Ivoire's tropical veneer exports have remained relatively stable in recent years, totaling 103 000 m³ in 2008. Tropical veneer exports from the African region were nearly a third of exports from all ITTO countries, with Côte d'Ivoire, Gabon and Ghana also rated in the top 5 exporting countries. Most of the African tropical veneer exports went to EU destinations. Gabon's exports have been falling steadily in recent years, dropping 55% between 2005 and 2008, when exports totaled 62,000 m³. Brazil was the second largest ITTO tropical veneer exporter in 2008, but exports dropped to 41 000 m³ in 2008, with Brazil's exports to the USA impacted until late 2008 by the continued strengthening of the Brazilian currency relative to the US dollar. The EU accounted for 77 000 m³ of total consumer country tropical veneer exports of 91 000 m³ in 2008, with exports declining in 2009 to 84 000 m. Belgium and Germany were the largest EU tropical veneer exporters.

Prices

The international market for tropical veneers remains relatively small and is mainly for decorative sliced veneer. The market for sliced veneer is rather specialized and there are no clear benchmark species whose prices reflect overall market trends. Tropical veneer prices are therefore not regularly covered by the ITTO MIS and are also not regularly quoted by any other readily available source. 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 together with average prices. Appendices 1 and 3 show that consuming country exports of tropical veneer were usually of much higher value than those from producer countries, with the differences more pronounced than for other tropical products.

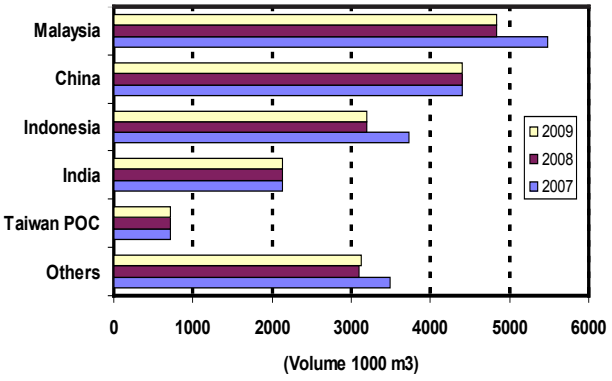
Plywood

Production

The main ITTO plywood producers in 2007-2009 are shown in Figure 2.15. Production of tropical plywood in

ITTO producer countries totaled 12.2 million m^3 in 2008, a year-on-year decline of 9%. Production curtailment and plant closures worsened in 2008 in all major producer countries in response to depressed demand in major consuming countries. Malaysia, the largest tropical plywood producer, with a heavily export oriented plywood industry, experienced decline in exports of 12% between 2007 and 2008 to 4.8 million m^3 as demand diminished in traditional export markets, particularly the USA.

Fig. 2.15: Major Tropical Plywood Producers



China's tropical plywood production, which had grown dramatically until the end of 2007, began to slow in 2008 when the value-added tax (VAT) rebate for plywood was reduced from 11% to 5%, the Chinese currency appreciated relative to other major currencies (diminishing returns to the sector), and demand declined dramatically in the USA, the major export market. In 2009 production was likely to have declined further, with significant plant closures reported in the major producing provinces in response to rising raw material and labour costs and general weakening of export prices. Over the last decade, China's coniferous plywood production has continued to grow while non-coniferous plywood production has declined. Tropical plywood production has typically comprised of a poplar substrate with tropical veneers but is now shifting to domestically grown eucalypt cores (to address quality concerns) and more recently, low priced substrates such as palm or coconut (for producers seeking lower production costs). Analysis of China's tropical plywood production is somewhat limited by the lack of data provided by China or from available alternative sources.

Indonesian plywood production has continued to contract to 3.2 million m^3 in 2008, less than half the level of 2003. Reductions in log availability for plywood production (caused by overexploitation of forests in previous years, a sharp decline in legally sanctioned logging quotas and improvements in forest law enforcement practices), demand constraints in Indonesia's major export markets and a decline in price competitiveness compared with Malaysian plywood in some markets, have all contributed to the drop in Indonesia's production levels. The industry's problems have also been compounded by high production costs and out-of-date technology. India's tropical plywood production, based largely on imported tropical logs as in China, has also expanded significantly over the last decade. Production might have increased in 2009 following significant subsidies to the growing housing sector. India's tropical plywood production typically uses species such as balau, merbau and keruing from Malaysia and teak from a variety of sources for face veneer, with domestic plantation species for core veneer.

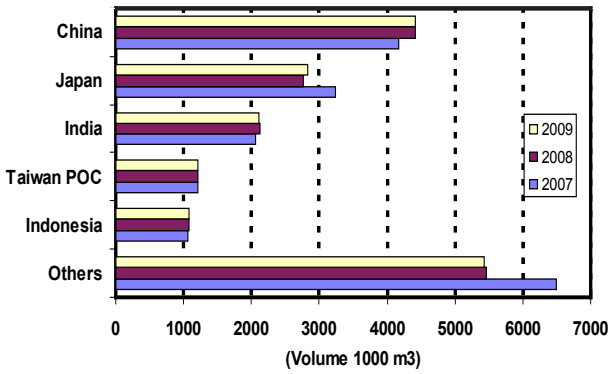
Taiwan POC was ITTO's fifth largest tropical plywood producer in 2008, with production at 717 000 m^3. Brazil's tropical plywood production has declined sharply in recent years from 1.4 million m^3 in 2004, to only 599 000 m^3 in 2008. Production was restricted until late 2008 (and from mid-2009) by the declining value of exports to the USA as the Brazilian currency strengthened relative to the US dollar. The top five tropical plywood producing countries accounted for 82% of ITTO plywood production in 2008. Japan, Ecuador, the Philippines and France were also significant producers of tropical plywood in 2007-09, accounting for most of the remaining 18%.

ITTO's 2008 "*Annual Review and Assessment of the World Timber Situation*" provides detailed information on Japan's tropical plywood production, which has fallen significantly since the 1980s when it supported the major trade in Asian tropical logs. The plywood market remained depressed in 2009 as housing starts plunged, and tropical plywood mills in Japan were reportedly curtailing production to meet reduction in demand and log shortages. In early 2010, however, some mills were reporting a shift back to tropical plywood production in response to a collapse of the softwood plywood market at the end of 2009.

Consumption

Figure 2.16 shows the top ITTO consumers of tropical plywood for 2007-2009.

Fig. 2.16: Major Tropical Plywood Consumers



Aggregate consumption in consumer countries has been declining in recent years as competition from other materials has intensified, with increasing adoption of substitute products such as OSB and other engineered wood products in structural applications, and MDF, plastics and other composite materials in non-structural applications. In 2008, consumption dropped 10% as housing sectors collapsed in many consumer markets and as substitution trends continued, particularly in the

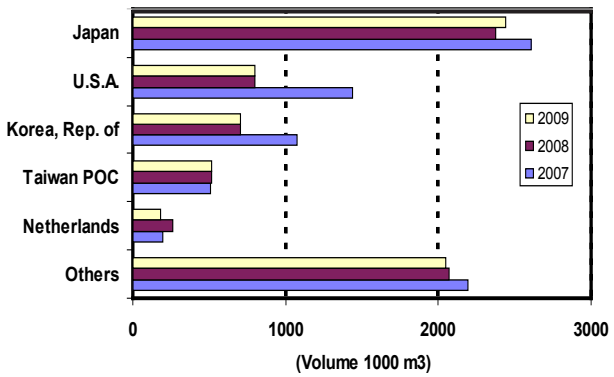
"mature" markets in EU countries, the USA and Japan. In contrast to those economies, China's consumption of tropical plywood reached a high of 4.4 million m^3 in 2008 and 2009. In November 2008, in response to the global economic crisis, China's government introduced a significant stimulus package for housing and infrastructure projects which was expected to strengthen the housing sector significantly in 2009, suggesting that the plywood consumption estimate provided for 2009 is likely to be underestimated. Japan's consumption has fallen sharply in recent years as coniferous plywood and substitute panels continued making inroads into the market and as housing starts plummeted in 2007 and again in 2009.

Aggregate consumption of plywood in producing countries increased by 3%, from 5.2 million m^3 in 2007 to 5.3 million m^3 in 2008. India's tropical plywood consumption reached 2.1 million m^3 in 2008[8]. In 2009, India's housing sector, a significant plywood end user, was supported by a government stimulus package including loan subsidies and taxation incentives for the building industry, designed to relieve the shortage of both urban and rural dwellings. As a proportion of India's total panel consumption, plywood consumption is relatively high (about 78%) although MDF and particleboard are reportedly increasing their market share. The top five tropical plywood consuming countries accounted for about two-thirds of total ITTO consumption in 2008.

Imports

Figure 2.22 (at the end of this section) shows the major trade flows for tropical plywood in 2008, while Figure 2.17 shows the major ITTO plywood importers for 2007-2009, ranked by import volume in 2008. Japan and the USA, the dominant importers of tropical plywood, together accounted for about half of total ITTO imports, although both countries' imports fell sharply in 2008.

Fig. 2.17: Major Tropical Plywood Importers



The bulk of tropical plywood imports are sourced from Malaysia and Indonesia, while most of the remainder from Brazil and China. Japan's tropical plywood imports fell 25% in 2007 as a result of rising prices of imported Indonesian and Malaysian plywood and a dip in housing starts - caused by poor implementation of the new Building Standard Law. In 2008, housing starts did not recover as economic conditions deteriorated, resulting in a further slump in demand, with tropical plywood imports dropping to 2.4 million m^3 in 2008 and remaining at a relatively low level in 2009. In late 2009, with low demand and depressed prices, Malaysian suppliers were reportedly switching to other markets, leading to severely reduced inventories in Japan. Japan-based tropical plywood mills were reported to have curtailed production by 20 to 30 percent in 2009 because of a depressed domestic market. Japan's demographic profile indicates a declining population (assuming a continuation of Japan's low rate of inward migration) with the outlook for Japan's plywood demand and imports being unfavourable in the medium to long-term.

The downturn in the housing sector in the USA led to tropical plywood imports declining sharply in 2008 to 800 000 m^3, down 44% on 2007. In 2008, imports from China and Malaysia – the two major supplying countries – decreased dramatically while Indonesia maintained its volume of US imports. All tropical plywood imports, including those of Chinese origin, will be under close scrutiny following amendments to the US Lacey Act - effected in 2008 - which require US importers to ensure that their imports of tropical plywood (among other wood products) are from legal sources. In 2009, demand was expected to remain at depressed levels. Tropical plywood of Chinese origin will be further challenged by growing demand for green building products (i.e. products certified by the Leadership in Energy and Environmental Design (LEED) Green Building Rating SystemTM.) given the general difficulty of tracking supply chains for environmental certification.

EU imports of tropical plywood declined marginally in 2008 to about 1.3 million m^3 with a further decline forecast in 2009 to 1.2 million m^3. EU imports are mostly accounted for by the Netherlands, the UK, Germany, France and Belgium with most imports originating from Brazil, China, Indonesia and Malaysia. Intra-European trade also plays a fairly large role in many countries' imports, although there are large data discrepancies between reporting EU countries.

EU tropical plywood imports, particularly from Asian sources, have also been losing market share to plywood grades of Russian origin, particularly birch plywood, due to significant price reductions for this material during 2008 and 2009. In 2009, the more competitively priced Malaysian tropical plywood had gained ground in EU markets at the expense of supplies from Brazilian and Indonesian sources, following production capacity falling significantly in both countries, mounting environmental concerns about Indonesian plywood, and a larger proportion of Brazilian plywood being diverted to the growing domestic market. With the lowering of price

[8] Estimates of domestic tropical plywood consumption for India are considered tentative, given that India has not provided production data in the JFSQ since 2005 and there is a lack of other information on which to base informed estimates for production for 2007-2009. Domestic consumption data is derived from production and trade estimates.

expectations in EU markets, some plywood manufacturers have been cutting costs on log quality glues and other raw materials, resulting in quality issues becoming more prevalent.

Chinese tropical plywood continues to be supplied to EU markets at competitive prices but there continue to be concerns about quality, particularly with regard to core composition, formaldehyde levels and technical board properties. Market players are concerned that the poor quality of China's okoumé-faced plywood could damage the reputation of okoumé plywood from other sources (including that produced in the EU). However, some improvement in quality of Chinese plywood has been evident following improvement in core composition with the introduction of hardwood (eucalypt) core materials as an alternative to poplar. Okoumé plywood imported from China is also subject to anti-dumping duties that have been applied since November 2004. The duties would have expired in 2009 but remain in place while an EC expiry review and a partial interim review, requested by the European Federation of the Plywood Industry, take place. The duration of the reviews, initiated on 11 November 2009, is expected to be 15 months.

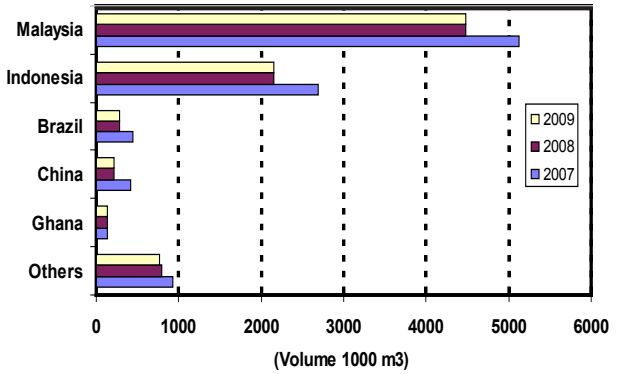
Although statistics on imports of certified tropical plywood products are unavailable (as they are undifferentiated in the HS codes), the economic downturn has resulted in a higher proportion of new building work in the UK being dependent on public sector finance. This, combined with the trend towards the trade being increasingly concentrated on a limited number of larger importers and merchants, have added to the pressure on suppliers to demonstrate that products are FSC or PEFC certified. Demand for certified plywood products has tended to favour birch and softwood plywood alternatives. EU importers also report waning demand for uncertified Chinese sourced tropical plywood.

The Republic of Korea and Taiwan also imported significant volumes of tropical plywood in 2008 while Middle Eastern countries – Saudi Arabia, United Arab Emirates and Jordan – are also important to the trade.

Exports

Figure 2.18 shows the major ITTO tropical plywood exporters in 2007-2009. Tropical plywood exports from ITTO producer countries fell by 17% in 2008 to 7.3million m^3, the lowest level in ITTO's statistical records. Malaysia remained the largest tropical plywood exporter at 4.5 million m^3 in 2008, with nearly half of its exports destined for Japan and the remainder to Taiwan POC, the Republic of Korea, the UK and the USA. The EU, particularly the UK, is an important market, as Malaysia was able to supply significant volumes of certified plywood to the EU, fetching small price premiums in the UK market. Indonesia's exports have dropped sharply in recent years, declining in 2008 to 2.1 million m^3, about 20% less than the previous year and considerably lower than the highs of around 10 million m^3 (or 85% of total ITTO producer exports) in the early 1990s. Brazil's exports shrank 60% between 2005 and 2008 to 391 000 m^3. Besides increasing volumes being diverted to the surging domestic market, the Brazilian industry has faced diminishing supplies of tropical logs due to clampdowns on illegal logging and competition in export markets from Asian producers (particularly China and Malaysia). The strengthening of the Brazilian currency relative to the US dollar until mid-2008 and post-March 2009, had affected the profitability of Brazil's exports to the USA and EU markets. In 2009, exports remained at relatively low levels.

Fig. 2.18: Major Tropical Plywood Exporters



Africa's tropical plywood exports remain relatively insignificant on a global scale. Exports from ITTO producer countries surged in 2007 to 263 000 m^3 but shrank in 2008 to 214 000 m^3 as demand plunged in EU countries – the major destination markets for African producers' tropical plywood exports. Ghana is Africa's main tropical plywood exporter and has increased its share of Africa's plywood exports from 50% of the region's total in 2007 to nearly 65% in 2008, with the industry being assisted by government incentives to encourage value-added wood processing. Tropical plywood exports from Gabon – the second largest exporter in the region - have remained relatively stable at around 50 000 m^3/annum. The impact of the recently implemented log export ban on Gabon's plywood industry is as yet unknown, although analysts expect a tightening in global supply of okoumé plywood as there are doubts whether Gabon's veneer capacity (which produces mainly standard dimension veneers for core material) will be of sufficient scale (at least in the short to medium term) to support an increase in both Gabon's plywood production and veneer exports to the EU plywood industry.

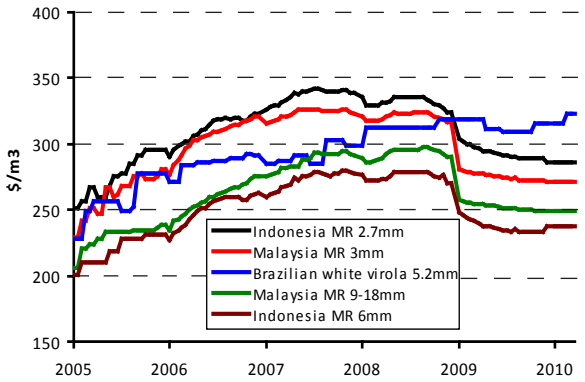
Tropical plywood exports from consumer countries fell 19% between 2007 and 2008, dropping to 742 000 m^3. China's exports of tropical plywood plunged to 210 000 m^3 in 2008, a 50% decline on the previous year and a nearly 80% drop on the 2006 level. As indicated earlier, in 2009 and 2010, EU anti-dumping duties remain on Chinese okoumé-faced plywood while an EC review takes place. The export competitiveness of Chinese tropical plywood has also been affected by difficulties in supplying environmentally certified products from China due to the complexity of supply chains, quality concerns and rising production costs. China's tropical plywood exports

to markets such as the EU, Taiwan POC and Japan have been largely based on logs sourced from tropical producer countries, many of which have been steadily losing market share in these plywood markets. Tropical plywood exports from the EU have remained at a similar level from 2007 to 2009, accounting for about 60% of consumer exports in 2008. EU exports were mainly from Belgium and France in 2008.

Prices

Appendix 4-3 includes graphs showing historical trends in nominal and real FOB prices for various grades and thicknesses of Indonesian, Malaysian and Brazilian plywood while Figure 2.19 summarises real FOB prices from January 2005 to March 2010 for an indicative range of Malaysian, Indonesian and Brazilian plywood grades and sizes.

Fig. 2.19 Tropical plywood price trends, 2005-2010

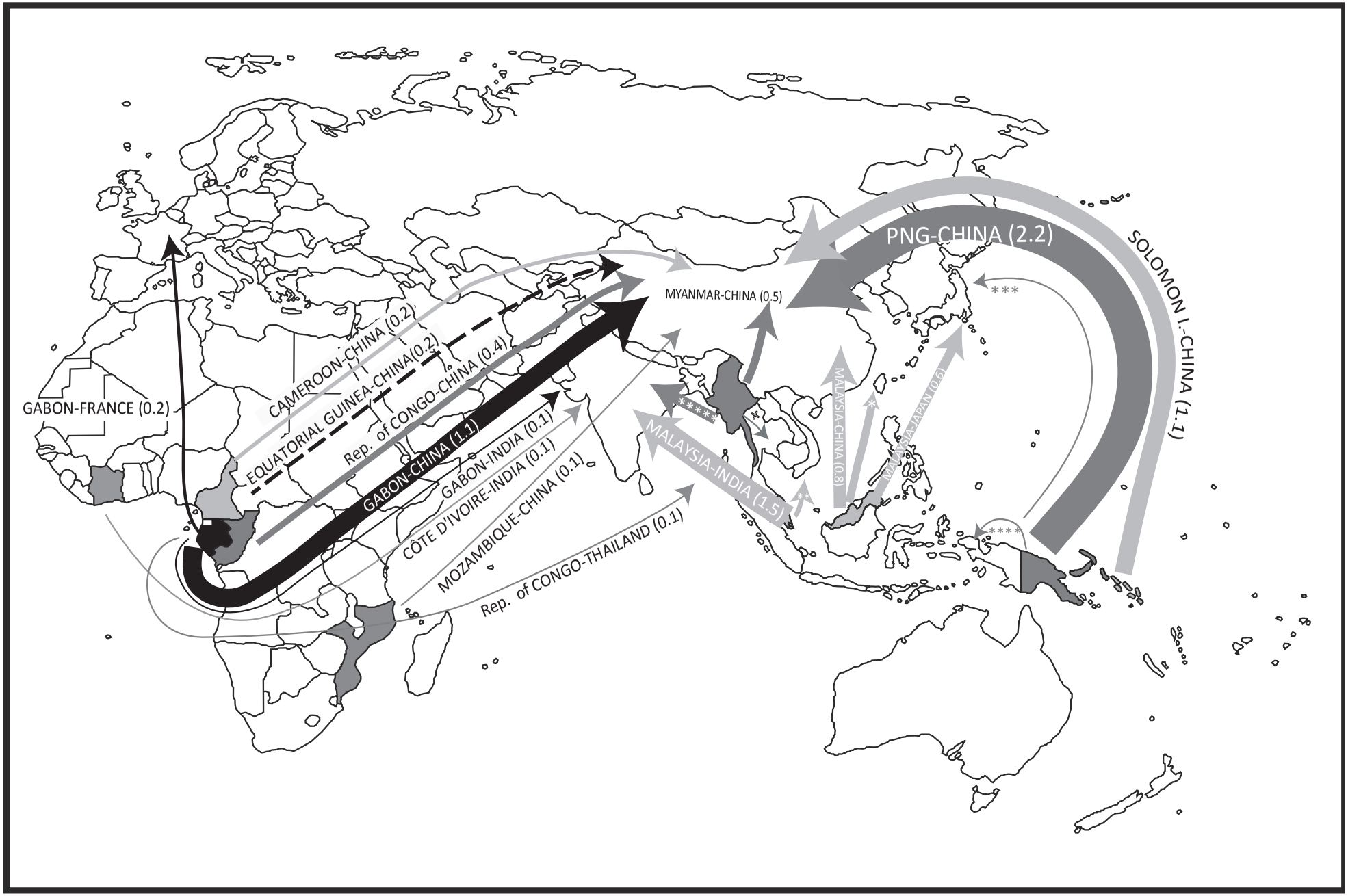


Note: Prices in constant 1990 US dollars per cubic meter, FOB (deflated by the IMF Consumer Price Index for industrial countries).

Prices for Asian panels rose steadily from 2005 to mid-2007, mainly due to supply-side constraints and robust demand in the USA and the UK. Further price rises were prevented by price competition from Chinese combi-plywood. Prices reached a plateau in the latter part of 2007 before sliding rapidly in the last quarter of 2008, as global demand weakened (including in Middle Eastern markets) and competition intensified between supply sources. In 2008, Indonesian plywood prices had declined despite the depreciation of the Indonesian currency against major traded currencies. By the end of 2009, real prices had dropped to $285/m^3, $271/m^3, and $234/m^3 for 2.7 mm, 3 mm and 6-18 mm panels respectively, the lowest levels in 3 years. At the end of 2009 and early 2010, Asian exporters were seeking to push up CIF prices on the basis of reduced supplies, improved demand in the Middle East and Japan and mounting freight rates. However, a continuation of depressed demand conditions has kept prices at relatively low levels.

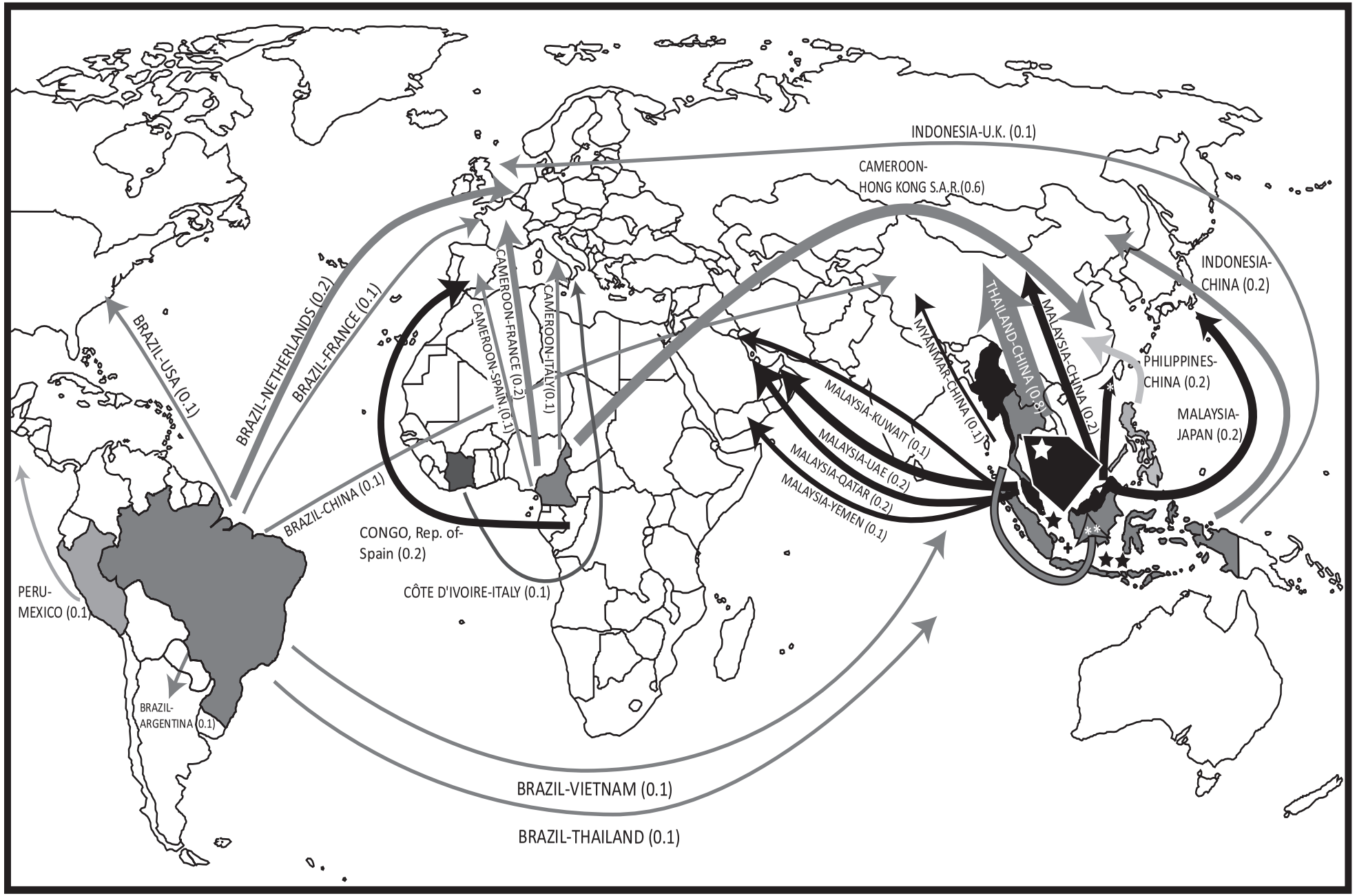
In contrast to other plywood products, which have trended downwards because of reduced demand, FOB prices of Brazilian white virola destined for the USA continued to rise in 2008 as Brazilian supplies were in short supply, with white virola plywood's competitiveness increasing as the Brazilian currency weakened relative to the US dollar in 2008. With supplies remaining limited and domestic demand sustained, prices held in 2009 and early 2010, with upward price pressure from a strengthening Brazilian currency relative to the US dollar. Until recently, Chinese plywood products have had a competitive advantage in Europe and other major markets due to highly competitive pricing and a dwindling availability of Southeast Asian plywood. However, as demand for all grades of plywood began to plummet in late 2008, the price advantage of China's plywood exports has eroded somewhat as a number of EU importers shifted their purchasing activity to Russian birch plywood. In EU markets, the economic downturn has narrowed the price differential between certified and uncertified plywood products as the relative availability of certified material has increased and exporters have reduced their prices of certified product in an effort to maintain market share. Those exporters with access to certified material have been aggressively marketing their products, emphasizing that they can provide environmentally certified product at little or no price premium.

Fig. 2.20: Major Trade Flows: Tropical Industrial Roundwood 2008 (million m^3).



* MALAYSIA-TAIWAN POC (0.5), ** MALAYSIA-VIETNAM (0.3), *** PNG-JAPAN (0.2), **** PNG-INDONESIA (0.1), *****MYANMAR-INDIA (0.7),+ MYANMAR-THAILAND (0.1).
Sources: ITTO, COMTRADE. Major directions of trade as recorded by exporting countries.

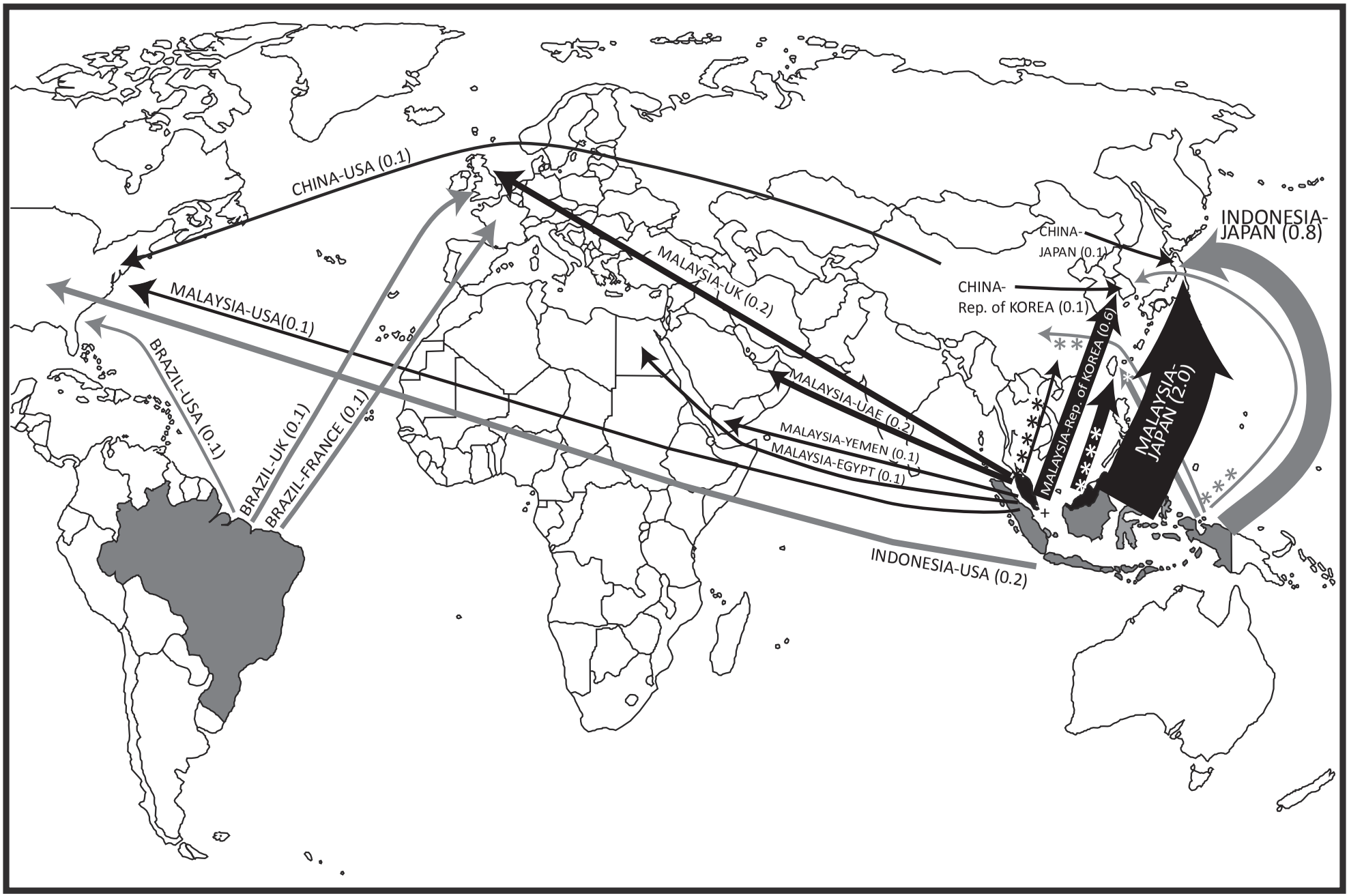
Fig. 2.21: Major Trade Flows: Tropical Sawnwood 2008 (million m^3).



*MALAYSIA-TAIWAN POC (0.2), **THAILAND-MALAYSIA (0.2), ★ MALAYSIA-SINGAPORE (0.2), ★★ INDONESIA-MALAYSIA (0.1), ✦ MALAYSIA-INDONESIA (0.1), ☆ MALAYSIA-THAILAND (2.6).

Sources: ITTO, COMTRADE. Major directions of trade as recorded by exporting countries.

Fig. 2.22: Major Trade Flows: Tropical Plywood 2008 (million m^3).



*INDONESIA-TAIWAN P.O.C. (0.2),**INDONESIA-CHINA (0.1),***INDONESIA-Rep. of KOREA (0.1),****MALAYSIA-TAIWAN P.O.C. (0.4),*****MALAYSIA-CHINA (0.1).
+MALAYSIA-SINGAPORE (0.1). Sources: ITTO, COMTRADE.

3. TRADE AND PRICES OF SECONDARY PROCESSED WOOD PRODUCTS

Highlights

- ITTO consumer countries continued to dominate global trade in secondary processed wood products (SPWPs), accounting for 60% of the global trade and more than 80% of the world's imports in 2008.
- Among ITTO producer regions, the Asian and Latin American regions were still active in trade, while the African region continued to show lower activity, constrained by limited processing capabilities.
- As markets began to shrink in major importing countries due to the weak demand caused by the global financial and economic crises, the growth of world's imports of SPWPs slowed down significantly.
- For the first time since 2001, SPWP imports by ITTO consumer countries declined, including in particular the USA, Japan and some EU countries, with this trend continuing in the first half of 2009.
- Although the USA continued to dominate overall imports, accounting for 23% of the world's imports of all SPWP products, imports dropped 12% between 2007 and 2008. EU's import growth slowed during the same period to 1.3%, compared with nearly 20% in the previous year, while Japan's declined by more than 3%.
- China has been the largest global exporter of SPWPs since 2003, although growth in SPWP exports appeared to slow dramatically from 20% annual growth on average over the past few years to less than 2% in 2008.
- ITTO tropical producers' exports declined slightly in 2008, accounting for 12% of the world's exports, and most producer country exports were from the Asia-Pacific region (70%) followed by Latin America (28%).
- Wooden furniture and parts constitutes more than 60% of global SPWP trade, followed by builder's woodwork, other SPWPs, mouldings, and cane and bamboo furniture and parts.
- US wooden furniture imports dropped 10% in 2008 as housing starts and consumer spending continued to decline.
- With both export and domestic markets in difficulty, growth in China's wooden furniture exports slowed sharply, after nearly twenty years of rapid growth at an average rate of around 30%.
- ITTO producers continued to play a more significant role in global mouldings exports compared with exports of other SPWP items, accounting for almost 30% of world exports of wooden mouldings in 2008.

This chapter provides statistics and analysis of trade of secondary processed wood products in ITTO producer and consumer countries.

SPWP Data Sources and Trade Classification

The SPWP trade data presented here was extracted from the COMTRADE database which at the time of preparation contained time series of trade statistics up to 2008 for most developed and some developing countries. This chapter is based on these trade value data for the 2004-2008 period which are summarized in Tables 5-1 to 5-8 in Appendix 5.

Data in these tables has been ranked by 2008 trade figures, the reference year for this analysis, although 2008 figures were still preliminary or missing in many cases (particularly for producer countries) at the time of downloading the data from COMTRADE in early 2010.

As the base year is 2008, the more recent impacts of the global financial and economic crises are not captured in the analysis of this data. Where possible, however, comments are provided on the impacts of the crisis in 2009 and 2010 on SPWP trade.

Appendix 5 shows the SPWP categories employed in the analysis together with their corresponding trade nomenclature in the Standard International Trade Classification, Revision 3 (SITC, Rev.3) and in the 1996, 2002 and 2007 versions of the Harmonized Commodity Description and Coding System of the Customs Cooperation Council (Harmonized System or HS 96/02/07).

The primary categories of tropical SPWP in trade are wooden furniture and parts (the major category, accounting on the average for almost two thirds of trade values); builders' woodwork (joinery and carpentry); other SPWP (packing, wooden boxes, etc.; casks, barrels, vats and other cooper's products; picture frames; table/kitchenware and other articles for domestic/decorative use; and tools, handles, brooms and other manufactured products) and mouldings (continuously shaped or profiled wood, including mouldings, unassembled strips and friezes for parquet flooring, beaded wood, dowels, 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. It should be noted that other SPWP analyses sometimes cover product categories not included here (e.g. "other" furniture parts) which may or may not include wood.

This analysis includes only those products explicitly specified as including wood or non-wood forest products such as bamboo and rattan. It should also be noted that tropical and non-tropical SPWPs are not differentiated in the trade statistics and that data presented in Tables 5-1 to 5-8 in Appendix 5 include all species.

Secondary Processed Wood Products Trade Overview

Major importers of SPWPs

As in previous years, ITTO consumers were the major SPWP importers, accounting for more than 83% of the world's imports in 2008 and most of the global trade (60%) is between ITTO consumer countries. In 2008, annual growth in world imports of SPWPs slowed significantly to 1%, even though imports reached a record value of $92.5 billion. SPWP imports by many major importers such as the USA, Japan and some EU countries had declined. This trend had continued in the first half of 2009, suggesting a possible decline in annual global imports of SPWPs in 2009.

Despite a significant (12%) drop in imports on the previous year, the USA continued to dominate global SPWP imports, with $21 billion worth of imports in 2008, accounting for 27% of ITTO consumer imports and 23% of world imports. The sizeable drop in US imports was the major contributor to world SPWP import growth slowing to 1% in 2008, from nearly 20% in 2007. Germany continued to be the largest EU consumer with $6.8 billion, slightly up from last year. Following Germany, France's imports increased 10%, replacing the UK as the second largest EU importer, while the UK and Italy's SPWP imports declined. For the first time in the past 5 years, Japan's imports declined by more than 3%.

Tropical countries continued to import comparatively smaller volumes of SPWP products. In 2008, ITTO producers imported $2.6 billion from the world, accounting for only 3% of the consumer imports but the import value had grown 40% on the previous year. Mexico, Singapore, Indonesia, Malaysia, India and Brazil were the major tropical importers of SPWP. Among tropical countries, Indonesia and Brazil increased their SPWP imports substantially during the same period.

Major exporters of SPWPs

ITTO consumers exported $68.2 billion of SPWPs in 2008, accounting for 75% of the world's exports. With SPWP exports valued at $16.4 billion, China has continued to be the world's largest exporter since 2003, accounting for 24% of ITTO consumers' exports. However, due to weak demand from China's major markets, as particularly reflected by the decline in wooden furniture imports from the USA, the rapid growth of China's SPWP exports appeared to have slowed down in 2008. The annual growth rate was less than 2%, compared with 20% on the average over the past few years and this trend has continued in early 2009. Similarly, growth in the EU's SPWP exports slowed, with Italy and Germany being the two major exporters in the EU. Poland maintained its fourth position, with exports growing 10% on the previous year. SPWP exports from most of the major tropical exporters (except Vietnam) declined slightly in 2008. ITTO producers accounted for 12% of world SPWP exports in 2008, with the share remaining stable over the past three years. Asia-Pacific was the dominant ITTO producer

region, accounting for more than 70% of ITTO producers' exports, followed by Latin America (28%). African SPWP exports remain at very low levels.

Vietnam's SPWP exports have expanded significantly in recent years and in 2007 it became the largest tropical exporter of SPWPs. Although figures for 2009 are unavailable, anecdotal reports suggest that Vietnam has maintained its export growth despite the downturn in global markets. This year's SPWP exports reached $3.4 billion, 13% up on 2007. Following Vietnam, ITTO producer countries including Indonesia, Malaysia, Brazil, Thailand, the Philippines and Mexico, were the major exporters of SPWPs.

Wooden Furniture and Parts

Wooden furniture and parts is the major SPWP product of ITTO producer and consumer countries and constitutes more than 60% of trade between them, followed by builder's woodwork, other SPWPs, mouldings, and cane and bamboo furniture and parts. The most important importers and exporters of wooden furniture and parts in 2008 are shown in Tables 5-2 and 5-6 in Appendix 5.

Exports of Wooden Furniture and Parts

ITTO consumers exported $ 44.5 billion of wooden furniture and parts in 2008, an increase of 10% from 2007. Exports by ITTO consumers accounted for 79% of world exports, slightly less than the previous year. Most of the trade in wooden furniture and parts (77%) was between ITTO consumer countries. In addition to the tropical supplying countries, this analysis focuses on exports from the two major wooden furniture exporters – China and Italy – as both countries import considerable volumes of tropical primary products for use in their domestic furniture industries. Although tropical wooden furniture items are unable to be differentiated in the HS codes, it can be assumed that wooden furniture exports from these two countries will include a considerable volume/value of tropical wooden furniture items and therefore trends are relevant to the tropical trade.

China has been the world's largest exporter of wooden furniture and parts since 2005, based on more than ten years' expansion at around 30% average annual growth rate of furniture production and exports. In 2007 and 2008, China was the only exporter with exports of wooden furniture and parts exceeding $10 billion. Similar to the previous year, China accounted for one-fifth of world exports and more than one-quarter of ITTO consumers' exports in 2008. Wooden furniture and parts was also China's largest wood product export item, accounting for one-third of wood product exports and two-thirds of SPWP exports.

China's growth in wooden furniture production and exports to 2007 reflected sustained growth in the world economy and associated strong global demand for furniture, and adoption of export-oriented strategies and policies, particularly in the wooden furniture sector. China's wooden furniture exports had become dependent on the USA, the EU and Japan, with the US market receiving almost half of China's wooden furniture exports. In order to increase their profitability, many US and European furniture manufacturers were either increasing their investment in production in China or outsourcing the production of semi-finished pieces to China, as Original Equipment Manufacturing (OEM) became the main strategy to the US market. CNFA (2009) estimates that around 60% of Chinese wooden furniture exports were from foreign furniture companies while nearly 90% of furniture products made by Chinese small and medium-sized enterprises were produced for OEM.

In addition to strong competition from other producers and exporters to low and medium-quality furniture markets, China has also faced serious trade frictions with its major trading partners, particularly the USA and some European countries, who have faced pressure from domestic producers to impose tariffs and other trade measures to protect their domestic markets against low cost imports from China. Since 2004, the Chinese wooden bedroom furniture industry had been subject to US anti-dumping measures which have had a significant impact on furniture enterprises including US invested companies. In 2008, the US Lacey Act amendments as well as EU's newly issued technical standards and forest certification requirements could potentially further weaken the competitiveness of China's furniture exports to the US and EU markets.

During the latter half of 2008 and early 2009, the impact of the global economic crisis on global furniture trade became evident. Demand for furniture in major markets, especially the USA, appeared to have sharply declined due to a slowdown in the housing construction market. China's export-oriented furniture manufacturers suffered from a lack of new orders as housing starts and consumer spending rapidly slumped. After nearly twenty years of rapid expansion at an average annual growth in value of around 30%, China's wooden furniture export appeared to slow down sharply, increasing by only 3% in 2008.

Following the deterioration in the international trading environment, China's furniture industry has undergone considerable restructuring, with furniture enterprises taking advantage of national economic stimulation policies, including the resumption of VAT rebates for furniture exports, and the downsizing of less competitive enterprises. Exporters have also been exploring newly emerging markets such as the Middle East, Russia, and ASEAN countries, to reduce reliance on the US market. As a result of these efforts, the share of wooden furniture exports to the US market declined from 48% in 2007 to 35% in 2009 (CNFA 2009). Another export strategy has been to divert some furniture production from wooden bedroom furniture items (which have been subject to US anti-dumping measures) to seats with wooden frames. These strategies and other measures such as technology upgrades and focusing on expansion of the domestic

market, will assist China in maintaining its comparative advantage in furniture manufacturing and export compared with other major exporters. The China National Furniture Association has provided an optimistic prediction of China's export value in 2009 for wooden furniture and parts at over $12 billion, an increase of 9% on the previous year.

Italy maintained its position as the world second largest exporter of wood furniture and parts in 2008, with exports valued at $ 7.5 billion. Although exports increased 7% between 2007 and 2008, the rate had slowed considerably compared with the previous year's growth (17%). The major markets for Italy's furniture exports were in the EU region - France, the UK and Germany. Russia and the USA were also major destinations. During 2008, although exports declined significantly (by more than 10%) to the UK, USA, Germany and Spain, exports to France and Austria remained stable. However, there was a significant increase in exports to Russia and the United Arab Emirates. Italy's furniture industry has faced similar difficulties in other EU countries in recent years. Sharp increases in prices of raw materials and the appreciation of the euro relative to other major currencies (to mid-2008) have been major obstacles to further development of the sector, together with competition from lower cost furniture producers. The economic slowdown in Europe and the USA caused by the global financial crisis further worsened the potential growth in furniture exports in 2009, although cost hikes were given a reprieve. Italian furniture has advantages in product quality and innovative design, which provide a competitive edge in high value wooden furniture niches compared with other major exporters such as China.

Fig. 3.1: Major Tropical Exporters of Wooden Furniture and Parts

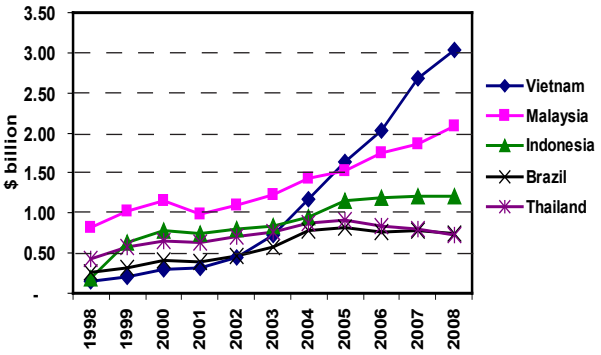


Figure 3.1 shows the major ITTO producer country exporters of wooden furniture and parts over the last decade. Malaysia exported $2.08 billion of wooden furniture in 2008, up 7% on the previous year. In contrast to other topical producers, most of Malaysia's wooden furniture production is based on lower cost raw materials such as rubberwood and particleboard, making it cost competitive relative to other producers. In order to encourage diversification of markets and products, Malaysia's furniture industry has been active in trade fairs and exhibitions in recent years. Owing to successful marketing and promotion, Malaysian furniture products have gained increasing acceptance in international markets. Nevertheless, as Malaysian furniture manufacturers and exporters are dependent on US, Japan and EU markets, and have been facing other obstacles such as increasing labor cost in furniture production, furniture exports in 2009 and 2010 were not expected to grow.

Indonesia was the second largest furniture exporter among ITTO tropical producers. In 2008, Indonesia exported $1.21 billion worth of wooden furniture, a slight increase of 1% over the previous year. According to the Indonesian Furniture and Handicraft Producers Association (ASMINDO), 75% of Indonesia's furniture production is exported. As with Malaysia, the USA, EU and Japan were the major markets, which together accounted for about 80% of Indonesia's furniture exports. In addition to increasing costs for labor and freight, as well as the rising costs of raw materials which had been undermining the competitiveness of Indonesia's exports, the economic recession in Indonesia's major markets were expected to result in a significant decrease in wooden furniture exports in 2009.

Vietnam, although not an ITTO member country, is the largest wooden furniture exporter located in the tropical region. In 2008, nearly 90% of Vietnam's SPWP exports were of wooden furniture and parts and export growth has been impressive in recent years, growing at about 30% per annum. The significant expansion of Vietnam's furniture industry mainly benefited from bilateral trade agreement with the USA from 2001 and foreign direct investment from the USA, Europe, Japan and Taiwan POC, as well as improvements in Vietnam's industry competitiveness compared with China's. Although Vietnam's furniture export markets are more diversified than those of many other exporters of tropical wooden furniture, with exports to more than 100 countries, the major markets are still concentrated in the USA, the EU and Japan, which collectively account for more than 60% of Vietnam's exports of wooden furniture and parts.

Vietnam's furniture industry has been heavily dependent on imports of primary wood products. As Vietnam's domestic wood resources are inadequate to meet the rapid growth in demand, around 80% of primary wood products are imported from Malaysia, Brazil, the USA, New Zealand and some neighboring countries. As with China, Vietnam's furniture sector has been comparatively more vulnerable to the impacts of the global economic crisis because it is sensitive to both the import and export environment. Instability of supply and demand would significantly affect both manufacturers and exporters.

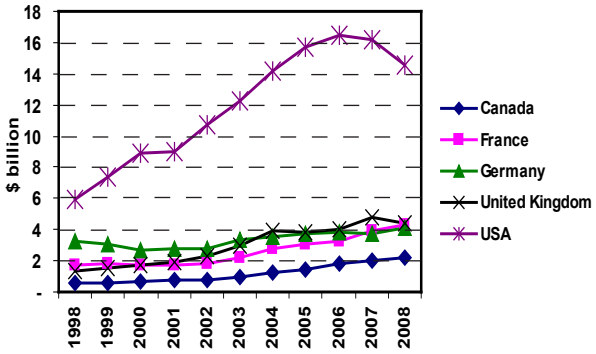
In 2008, the value of Vietnam's exports of wooden furniture reached a record high of $3.03 billion. The annual growth in exports in 2008 – at 13% - was significantly higher than most other major furniture exporters who were beginning to be severely impacted by the global downturn

in furniture demand. However, although export growth in 2008 was comparatively high, it had slowed considerably from a 32% increase in 2007. Anecdotal reports suggest that export growth had slowed further in 2009, caused by weak demand in major markets. In the medium term, wooden furniture exports are expected to pick up following recovery in some global markets, coupled by comparatively low production costs and improving product quality.

Imports of Wooden Furniture and Parts

Figure 3.2 shows the major importers of wooden furniture and parts over the last decade. ITTO consumers imported $46.8 billion of wooden furniture and parts in 2008, a year-on-year decrease of 4%. ITTO consumers accounted for 85% of the total world imports of $54.86 billion in 2008, a marginal decline on the previous year, while producer countries' imports ($1.49 billion) remained relatively low at less than 3% of total world imports.

Fig. 3.2: Major Importers of Wooden Furniture and Parts



The USA continued to be the largest country importer of wooden furniture and parts with imports valued at $14.5 billion, accounting for nearly 31% of total imports by ITTO consumers and 27% of the world's imports in 2008. As forecast in last year's report, US imports of wooden furniture and parts had declined substantially (10%) from the 2007 level, due to the weakness of market demand resulting from plummeting housing starts and reduced household income. With the effects of the global financial and economic crisis extending to the first half of 2009, it is expected that US imports of wooden furniture and parts will continue to fall in 2009. Future growth in wooden furniture imports will be dependent on the extent and timing of recovery of the US economy as US furniture demand is strongly linked to housing starts and household income.

The EU's aggregate imports of wooden furniture and parts in 2008 were valued at $22.7 billion, down 2% from 2007. Although the decrease was not as drastic as that of the USA, it was a significant drop compared with the growth in 2007 at 18%. The EU accounted for more than 48% of ITTO consumers' and 41% of the world's import value, similar to that of the previous year. The UK remained the world's second largest importer, at $4.8 billion, but down 9% from 2007. France's imports rose 9.9% over the same period, from $3.9 to $4.3 billion. Although the growth rate was reduced by half, France remained in third position in world wooden furniture imports followed by Germany, whose imports increased by 8% to $ 4.08 billion. Similar to the USA, the EU's furniture demand had been severely affected by the global financial and economic crises. Continuation of weak consumer confidence had resulted in a sharp drop in furniture imports starting from the second half of 2008. Anecdotal evidence suggests that this trend had continued in 2009. Outside the EU and USA, Canada, Japan and Switzerland continue to play an important role in global imports of wooden furniture and parts. In contrast to 2007, imports increased in all three countries by 8%, 4% and 6% respectively, but growth in 2009 was not expected to be positive.

Although imports in 2008 by ITTO producers remained small compared to major consumer country importers, the import value had increased significantly by more than 40% to $1.49 billion. Mexico remains the largest tropical importer of wooden furniture and parts, with imports valued at $346 million, an increase of 8% from 2007. Singapore, the second largest tropical importer, expanded imports by 15% to $256 million in 2008. Malaysia and India were also important tropical importers of wooden furniture and parts, with Malaysia's imports jumping dramatically by 56% to $238 million and India's imports were valued at $223 million, up 30% on the previous year. It was notable that the increase in Indonesian imports of wooden furniture jumped from $36.8 million to $158.3 million, a more than a four-fold increase between 2007 and 2008.

Builders' Woodwork and Joinery

The top ten importers and exporters of builders' woodwork and joinery ranked by value in 2008 are shown in Tables 5.2 and 5.6 in Appendix 5. Builders' woodwork and joinery is also a major SPWP traded item which includes windows, doors and their frames, parquet panels, concrete shuttering, shingles and shakes. Demand for builder's woodwork and joinery is derived from demand for residential and non-residential construction, including renovation and repairs.

Exports of builders' woodwork and joinery

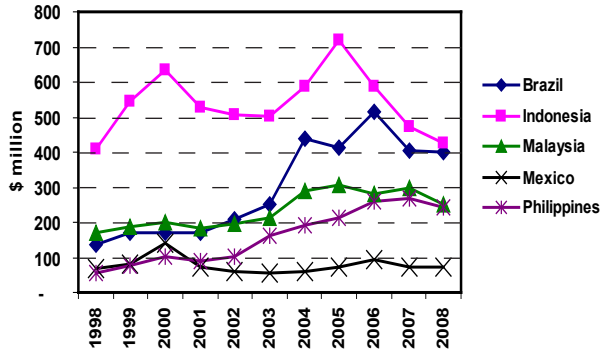
World exports of builder's woodwork, the second largest SPWP item, totaled $14.1 billion by value in 2008, slightly lower than 2007. Most of the exports (70% by value) were from ITTO consumer countries and a significant proportion of the trade is non-tropical.

Austria, Germany and Canada are the leading exporters of builders' woodwork. In 2008, Austria overtook Canada as the largest exporter, with exports valued at $1.46 billion, up 4% from the previous year. Germany's exports also increased in 2008 (by 5%) and were valued at $1.33 billion, but Canada's exports (predominantly to the USA) were down 25% on the 2007 level. Builders' woodwork and

joinery produced in these countries is predominantly softwood, and to a lesser extent temperate hardwood, with most exports destined to EU and North American markets. China also exported a significant amount of builder's woodwork, valued at $998 million in 2008, down 8% since 2007. Although the tropical component of China's exports of builders' woodwork and joinery is not differentiated in the trade statistics, it may be significant.

In 2008, the value of exports of builder's woodwork from ITTO producer countries was $2.16 billion, a small increase from 2007, with exports from the Asia-Pacific region increasing while Latin America's exports dropping marginally. The African region's exports fell by 57%, although the region's share of ITTO producer trade was minimal at less than 1%. The Philippines was the largest ITTO producer country exporter, with exports valued at $895 million, followed by Indonesia ($426 million), Brazil ($402 million) and Malaysia ($249 million) (Figure 3.3). The Philippines' growth in exports of builders' woodwork and joinery was more than 20%, while Indonesia's exports dropped 10% in 2008. There was also a notable decline in Malaysia's exports of builders' woodwork (16%). Among Latin American producers, Brazil's exports also declined by 1% due to weak demand in major markets.

Fig. 3.3: Major Tropical Exporters of Builders' Woodwork and Joinery



Imports of builders' woodwork and joinery

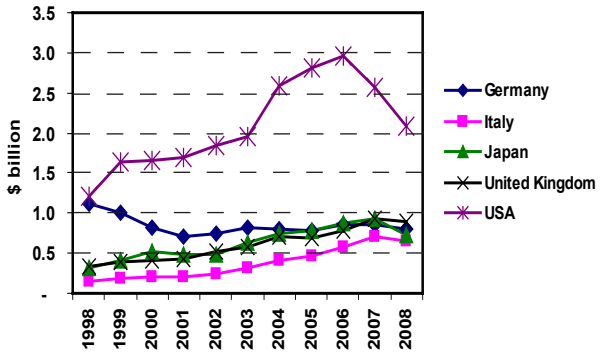
World imports of builders' woodwork totaled $12.3 billion by value in 2008, slightly lower than 2007. More than 80% of imports (valued at $10.1 billion) were from ITTO consumer countries, 7.9% less than 2007.

The USA, the world largest importer of builders' woodwork, imported $2.08 billion by value in 2008 (Figure 3.4), representing 17% of the world's total imports. The slump in the US housing sector during 2008 directly resulted in falling demand for builders' woodwork and joinery, with imports dropping 19% in 2008 compared to the previous year. As the US housing sector had not recovered in 2009, US imports of builders' woodwork and joinery were not expected to have recovered in 2009.

In 2008, EU aggregate imports of builders' woodwork and joinery were valued at $5.37 billion, accounting for 44% of the world's imports, a year-on-year decline of 6.6%. The UK was the world's second largest importing country with imports valued at $902 million. Germany overtook Japan as the third largest importer, with imports down 8% on the 2007 level. Among the EU consumers, Italy and France were also important importers. In contrast, France's imports increased significantly to $631 million, an increase of 17% on 2007.

As the EU's housing market had not recovered in 2009, aggregate EU imports of builders' woodwork and joinery in 2009 were expected to decline although the decline was not expected to be significant in some countries. Germany's window market was reported as beginning to recover in 2009, driven by the growth of the non-residential construction market, but the growth was relatively slow. In 2010, a growth in wooden window sales in Germany in public buildings was expected as a result of a government economic stimulus package encouraging public building construction. In Western Europe, wooden windows account for the largest market share (48%) of the window market but this share is being challenged by other materials such as aluminium and PVC. In Germany, the market share for wood-framed windows was expected to decline in 2010 because smaller manufacturers cannot easily comply with the technical requirements under amended energy efficiency standards. Japan's imports declined from $926 million in 2007 to $732 million in 2008, a sharp drop of 21%. In Japan, both housing starts and housing renovation slowed down in 2008 and 2009.

Fig. 3.4: Major Importers of Builders' Woodwork and Joinery



Although imports of builder's woodwork and joinery by ITTO producer countries were relatively small, (less than 3% of the world's total) imports jumped from $141 million to $323 million between 2007 and 2008, a dramatic 129% increase. In 2008, Indonesia overtook Mexico as the largest tropical importer with imports valued at $85.6 million although Mexico also increased its imports to $61 million, followed by Singapore, Malaysia and India.

Other Secondary Processed Wood Products

The top ten importers and exporters of "other SPWPs" are shown in Tables 5.2 and 5.6 in Appendix 5. "Other

SPWPs" are the third largest SPWP item and includes a wide variety of products such as picture frames, tableware and kitchenware and other small wooden items, as well as cable drums, pallets, etc.

Exports of other SPWPs

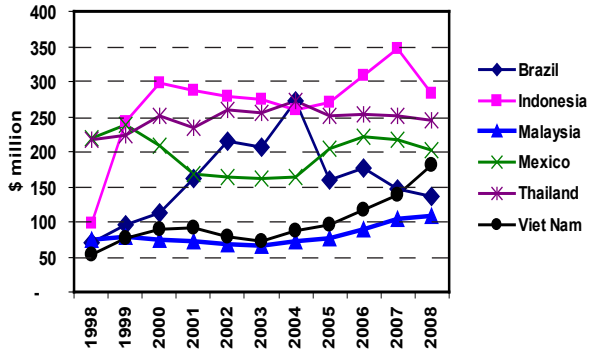
World exports of "other SPWPs" were valued at $11.73 billion in 2008, an increase of 2% on the previous year. Similar to other SPWP items, the bulk of the trade is between ITTO consuming countries, which accounted for 64% of world exports in 2008.

China was the largest exporter of "other SPWPs" accounting for 22% of world exports valued at $2.6 billion. Similar to builders' woodwork and joinery, exports declined in 2008 – by 9% – due to dwindling demand in the USA, the major market. The Chinese Academy of Forestry estimated that China's exports of other SPWPs have also declined in 2009 as there had not been a significant recovery in US housing starts.

Poland, the second largest exporter (although not of tropical items), maintained "other SPWP" exports at around $1 billion, about the same level as the previous year although export growth had slowed considerably compared with 2007. The EU's aggregate exports in 2008 were valued at $3.8 billion, a 7% increase from the previous year. Major exporters in the EU such as Germany ($962 million), France ($929 million) and Italy ($446 million) all enjoyed year-on-year export growth, while US exports of other SPWPs were also up (by 30%) to $683 million.

The largest ITTO producer exporter of "other SPWPs" was Indonesia (Figure 3.5), which constituted 25% of ITTO producer exports in 2008. Following Indonesia, Thailand, Mexico, Vietnam and Brazil were the major tropical exporters in 2008. However, the aggregate exports of ITTO producers continued to account for less than 10% of world exports of other SPWPs in 2008.

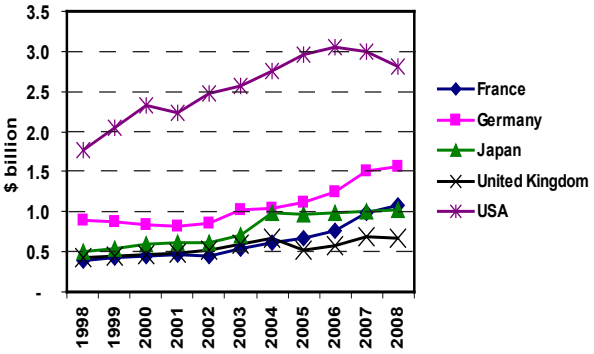
Fig. 3.5: Major Tropical Exporters of Other SPWPs



Imports of other SPWPs

In 2008, imports by the major "other SPWP" importers including the USA, Germany, France and Japan were all in excess of $1 billion each (Figure 3.6). The USA was still the major importing market for "other SPWPs", absorbing $2.8 billion worth and accounting for 22% of total "other SPWPs" in 2008 although imports had declined 6% compared with the previous year.

Fig. 3.6: Major Importers of Other SPWPs



The EU continued to be the most important regional destination for "other SPWP" exports, with the aggregate imports ($5.9 billion) in 2008 more than double that of the USA and down 2.6% from the previous year's level. With more uncertainties in the EU economy, growth in other SPWP imports was not expected to recover in 2009 or 2010. Nevertheless, Germany and France increased their import of "other SPWPs" marginally to $1.6 billion and $1 billion respectively while Japan maintained the same level at $1 billion.

ITTO producer country imports of "other SPWPs" was less than 3% of world total imports, accounting for only $371 million in 2008, but representing a year-on-year increase of 24%. Mexico was the largest tropical importer with imports of other SPWPs at $128 million, one-third of all ITTO producer imports, followed by Singapore, India and Indonesia.

Mouldings

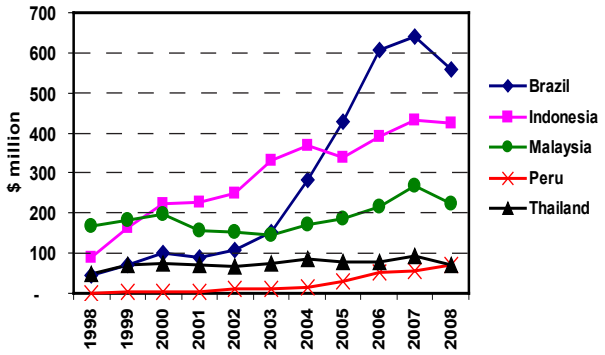
The top ten importers and exporters of mouldings ranked by value in 2008 are shown in Tables 5.2 and 5.6 in Appendix 5. Mouldings includes continuously shaped or profiled wood, including mouldings, unassembled strips and friezes for parquet flooring, beaded wood, dowels, etc.

Exports of mouldings

World exports of mouldings were valued at $5.3 billion in 2008, down 5% from 2007. ITTO consumer countries are less significant in the mouldings trade than for other SPWP items, accounting for 56% of world mouldings exports. Exports from the Asian region continued to dominate, with China the largest exporter of wooden mouldings by value, although exports had decreased by 1.4% to reach $782 million in 2008. ITTO producers played a relatively significant role in mouldings exports compared with other items of SPWPs (Figure 3.7). Although there was an 8% drop in mouldings exports by ITTO producers in 2008, their share of world exports was 29%, significantly higher than for other SPWP items. At the producer regional level, Latin America and Asia-Pacific accounted for

96% of ITTO producer country exports of mouldings in 2008, with the export value decreasing by 10% for Latin American exporters, and 9% for Asia-Pacific exporters, while Africa's mouldings exports grew by 10%.

Fig. 3.7: Major Tropical Exporters of Mouldings



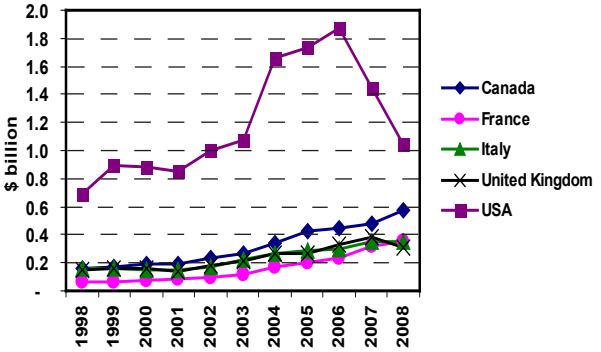
Brazil was the world's second largest exporter and the largest ITTO producer country exporter, with exports valued at $559 million in 2008, a decline of 13% on the 2007 level. The decline in Brazil's growth is attributed to significant downsizing of the mouldings industry in Brazil following the downturn in the construction sector in the USA, the major market. From mid-2007, Brazil's competitiveness in the US market had been affected by the continued strengthening of the Brazilian currency to the US dollar (until late 2008). Although Brazil is a tropical producer country, a significant volume of mouldings exports are softwoods, mainly pine species, produced predominantly in the non-tropical regions of the country. Indonesia was the next largest global exporter of mouldings, with exports decreasing by 1% to $425 million in 2008, followed by Germany, the USA and Canada, with their exports valued at $325 million, $295 million and $259 million respectively in 2008.

In the Latin America region, Peru (with exports valued at $70 million in 2008) and Mexico ($50 million) were also important in the mouldings trade. Peru's exports increased by 25% in 2008, overtaking Mexico. The major exporters of mouldings in Latin America region have been adversely affected by decreased demand in the US and Canadian markets, resulting in a significant diversion of exports to Asian markets. Indonesia and Malaysia were the major mouldings exporters in the Asia-Pacific region, accounting for nearly 90% of mouldings exports in this producer region and more than 20% of all ITTO producers' exports. The global economic slowdown negatively affected Indonesia and Malaysia's overall mouldings exports in 2008 (both declining by 16%) and this trend seemed to be continuing in 2009.

Imports of mouldings

World imports of mouldings totaled $5.4 billion by value in 2008, 10% lower than 2007. More than 85% of imports (valued at $4.6 billion) were from ITTO consumer countries, although their imports had declined 12% from the 2007 level. Affected by the financial crisis and sluggish real estate industry, mouldings imports declined sharply in the USA in 2008, decreasing by 28% from $1.45 billion in 2007 to $1.04 billion in 2008 (Figure 3.8). Canada, the second largest importer, increased its imports of mouldings by 21% to $578 million, while Japan's imports dropped from $318 million to $283 million during the same period.

Fig. 3.8: Major Importers of Mouldings



Moulding imports by EU countries declined 13% by value in 2008 to $2 billion with most major importers in the region, such as the UK, Germany, Netherlands and Belgium, following the trend in declining moulding imports.

The UK experienced the largest fall among EU countries, with overall imports of mouldings dropping 20% to $307 million. Germany's imports dropped 8% ($256 million). Italy maintained imports at $348 million, overtaking the UK as the largest importer in the EU. Bucking this trend, France's imports grew 7% to $346 million in 2008.

ITTO producer country imports of mouldings were only 3% of total world imports, amounting to $193 million in 2007. However, their imports had jumped 43% to $277 million in 2008. Malaysia replaced Mexico as the largest tropical country importer with imports of mouldings at $63 million, followed by Indonesia and Brazil.

In 2009, the real estate market further shrank in the USA, leading to a significant decline in demand for mouldings. It was expected that the USA and other major importers, such as Japan and most of the EU countries, would further decrease their imports of mouldings from both producers and consumers in 2009.

Bamboo and Cane Furniture and Parts

Table 5-6 in Appendix 5 shows the top exporters of bamboo and cane furniture and parts by value in 2008. As bamboo and cane furniture and parts have become an important non-wood tropical forest products exports for many ITTO member countries, these products are also included in this report. Bamboo and cane furniture and parts includes seats of cane, bamboo, etc., furniture of other material like bamboo etc.

Exports of Bamboo and Cane Furniture and Parts

Exports of bamboo and cane furniture and parts totaled $2.54 billion in 2008, with 76% of world exports being from ITTO consumer countries. Exports from ITTO producer countries only constituted 20% of world exports. In 2008, exports from ITTO consumer countries increased significantly (by 32%) to reach $1.93 billion while exports from ITTO producer countries decreased by 7% to $506 million during the same period

The largest exporters of bamboo and cane furniture products were China, Indonesia and Italy. In 2008, as in previous years, China dominated exports of cane and bamboo furniture and parts. China's exports of these products jumped 50% by value from $599 million to $897 million between 2007 and 2008, with dramatic growth in its exports to ITTO producer countries (193%). The USA, Japan, the EU and Singapore as well as other Southeast Asian countries were the major markets. Although affected by the economic downturn, China's exports to most of the major markets increased markedly in 2008, with bamboo and rattan furniture items gaining advantage during the economic recession because of their relatively low cost compared with other wooden furniture items. This trend is expected to continue in 2009 especially after the resumption of VAT rebates for export, although growth may be tempered by weak demand in housing markets in major importing countries.

Following China, Indonesia, Italy and Vietnam were also significant in the trade, and total exports of these three countries were equivalent to those of China. Italian exports increased by 10.4% to $386 million, while Indonesia and Vietnam's exports declined by 3.6% and 0.3% respectively. These four major exporters accounted for 70% of the world's exports of bamboo and cane furniture and parts. China's exports were predominantly furniture, while Indonesia's exports were mainly seats, which accounted for one half of the total exports in 2008. In addition to Indonesia, ITTO producers such as the Philippines, Thailand and Malaysia were also notable exporters of bamboo and cane furniture and parts. The Philippines and Indonesia were the world's leading suppliers of rattan parts. From a regional perspective, Asia-Pacific producers accounted for the bulk (more than 95%) of ITTO producer country exports. Many Latin American and African countries are rich in bamboo and rattan resources but their exports are insignificant.

Following increasing consumption of bamboo and cane furniture and parts, many ITTO producer countries have been exploring the use of bamboo and rattan as alternatives to wood in SPWP manufacture and exports. In recent years, Latin American countries have set up specialized agencies to promote bamboo and rattan technology and industry development.

Imports of Bamboo and Cane Furniture and Parts

World imports of bamboo and cane furniture and parts declined 3% in 2008, with 76% of world imports from ITTO consumer countries. Although ITTO producer countries only imported 8% of world imports, their value doubled between 2007 and 2008. In 2008, imports by the USA, the dominant importer, were valued at $604 million, down 4%, while imports by EU countries were $645 million, 15% less than 2007. With the exception of France, whose imports had increased slightly in 2008 (by 6%), all other major EU importers, including the UK, Germany, and Italy, had declining imports.

Although trends in imports of bamboo and cane furniture and parts in 2009 are likely to be similar to that of 2008, future prospects, at least in the mid-term outlook, are rather optimistic. As the availability of wood resources become more constrained and as consumer demand becomes more diverse, bamboo and rattan products have been replacing some wood-based products. For example, the computer company Dell has announced that it will be shipping computers in packaging made from bamboo as an alternative to molded paper pulp, foams and corrugate. The company plans to expand its use of bamboo packaging, (which it considers to be strong, cost-effective and environmentally acceptable) to more products in early 2010. As the development of new technologies and more value-added bamboo and rattan products increase, market demand is expected to rise.

4. THE COMPETITIVENESS OF TROPICAL TIMBER[1]

Highlights

- The tropical hardwood sector faces some very significant challenges with its market position being threatened by a wide and increasing range of innovative products. Tropical hardwoods suffer from declining price expectations and falling raw material quality, have a very significant image problem, and are being squeezed by a whole host of policy measures.

- The industry stands at a crossroads. One way leads to a progressive loss of market share for tropical hardwoods to alternative wood and non-wood products, particularly in the low-volume high-value markets of more developed countries. This may be linked to increased consumption of tropical hardwoods in the lower-value, higher-volume markets of emerging economies. In this scenario, only the uncertain possibility of a huge influx of international REDD funding holds out any real prospect of preventing high levels of tropical forest degradation and conversion to alternative uses.

- There are, however, opportunities to build on the considerable technical, aesthetic, and environmental strengths of tropical hardwoods to enhance access to high-value markets.

- By doing so, much greater value may be derived from every cubic metre of wood harvested, more jobs may be protected and created in rural areas which lack alternative sources of income, more emissions may be offset and carbon stored in the forest and in durable hardwood products, and the incentives for forest conversion may be reduced.

- Achievement of these objectives will depend partly on the development of tropical forest management regimes that combine sustainable timber production with income from a wide range of environmental services.

- It will also require significant new investment in design-led marketing, political lobbying, value-added processing, product development, and certification.

- Facilitation of efforts at international level to bring together producer governments, large corporations dealing in tropical hardwoods, and trade associations to develop an industry-wide generic marketing campaign for tropical hardwoods, is encouraged.

- Tropical wood industries are encouraged to focus on developing opportunities for tropical hardwoods in higher value niche markets where long-term competitiveness will lie in tight conformance to emerging quality and environmental standards and in supply of ‘knowledge-based products’.

- Special emphasis should be placed on improving the regularity and consistency of wood supply through improved logistics, increased dependence on resources managed for long-term sustained yield, including both plantations and managed natural forests, training in wood handling, and other efforts to improve the efficiency of wood processing operations.

[1] By Rupert Oliver, Forest Industries Intelligence Limited.

Introduction

This chapter summarises the main findings of an ITTO study[1] which evaluated the competitive position of tropical wood products vis-à-vis other products (wood and non-wood) in selected markets. The chapter considers substitution trends and policy measures impacting on global consumption of tropical wood products and also provides case studies on the competitive position of tropical hardwoods in the European and North American plywood sector, sapele and meranti window frames in the European window sector and tropical hardwood veneers in the European interiors sector. The chapter concludes with recommendations to improve tropical wood's competitiveness.

Substitution Trends

Tropical hardwood availability declines while consumption is forecast to increase

An analysis of global forest resource data (FAO 2005) suggests that the availability and quality of large diameter tropical hardwood logs of primary wood species is generally declining and that this trend is set to continue. Efforts to improve forestry practices and reverse the decline in tropical forest resources are constrained in many regions due to an unfavourable investment climate; severe institutional, financial and technical constraints; and illegal activities and corruption. Selective logging is the primary focus of concession management in most areas, but there may be little attention to post-harvest silviculture, while unregulated harvesting is leading to further degradation.

In contrast, the forest resource areas of the temperate zones are generally either stable or increasing (FAO 2005). The forests of the temperate zone are more productive per unit area, and are attracting more investment to further improve levels of productivity and stand quality and for establishment of plantations. Overall this implies continuing loss of competitiveness for tropical hardwoods compared to non-wood products. Declining availability of tropical hardwoods is reflected in trade statistics. Overall, there has been a decline in the share of tropical logs in global log imports in ITTO member countries from around 30% in 1994 to 12% in 2008 (ITTO 2009). During this period the volume of tropical sawnwood and plywood produced annually in ITTO producer countries has generally declined, from around 44 million m^3 to 42 million m^3, and from 23 million m^3 to 18 million m^3 respectively. Veneer production in ITTO producer countries has remained broadly flat at around 3 million m^3. Meanwhile, domestic and regional consumption of wood products in tropical regions is expected to generally increase, driven by strong population growth and rising per capita consumption. New demand is also being generated in emerging markets, notably China where a massive wood supply-demand gap is forecast which will be particularly pronounced for decorative hardwoods from large diameter logs.

Plantations an incomplete solution

High yields and quick economic returns relative to management of natural tropical forests for timber suggest that plantations have potential to off-set declining wood supply in tropical regions. Some tropical countries now have ambitious programmes to expand plantation area. However the log and wood quality supplied by plantations is not directly comparable to that supplied by natural forests. Their further development in tropical regions requires significant reorientation of national wood industries to harvest and process larger volumes of small dimension and low density material. Furthermore, analysis of current trends indicates that tropical regions have fallen well behind other regions in plantation development. Only 15.6 million hectares (14%) of the world's plantations are in countries fully located in the tropical zone, the vast majority of this being in Southeast Asia. During the 1990s, the majority of new plantations were being established in temperate regions. Since 2000 the vast majority of new plantations have been established in China (FAO 2009).

New technology benefits softwoods and temperate hardwoods more than tropical hardwoods

Research and development in the tropical wood sector is falling significantly behind other sectors of the international wood industry (FAO 2009). Efforts have been made, notably in Southeast Asia, to use modern technologies to improve the product quality and range of applications of wood products from tropical hardwood plantations and natural forests. Research has focused on smaller dimension and less durable material, including FSC certified tropical wood. However many of the new wood treatment technologies being developed are more likely to threaten rather than to enhance the current market position of tropical hardwoods. Whilst tropical hardwoods have been the benchmark for technical wood property performance, global research has focused on improving the ability of softwoods to match the technical performance of tropical hardwoods, rather than on the development of new and innovative products and applications to extend the market share of tropical hardwoods.

For example, a major competitive threat for tropical hardwoods is ongoing efforts to modify the characteristics of temperate hardwoods and softwoods to improve their performance through heat treatment, acetylation, chemical impregnation, and a wide range of new surface technologies. Often the specific intent of these processes is to mimic the aesthetics, durability, stability and strength of tropical hardwoods. Other competitive threats have emerged from the development of new engineered wood products and wood-plastic composites which utilise small diameter wood, wood chips and residues. Many of these alternative products are sold with Forest Stewardship Council (FSC) or Programme for the Endorsement of

[1] *Oliver R. and Donkor B. (2010): Monitoring the competitiveness of tropical timber. ITTO Technical Series (in press). International Tropical Timber Organization, Yokohama.*

Forest Certification (PEFC) certification to increase their marketability, particularly in the public sector in North Western Europe and North America. At present over 97% of the world's production of FSC or PEFC certified industrial roundwood is derived from forests in North America and Europe (UNECE 2009).

Technical innovations have yet to fully close the gap allowing alternative wood and non-wood products to cost effectively match all aspects of tropical hardwoods performance. However, significant resources are now being devoted by large corporations in industrialised countries to improve these processes and extend capacity.

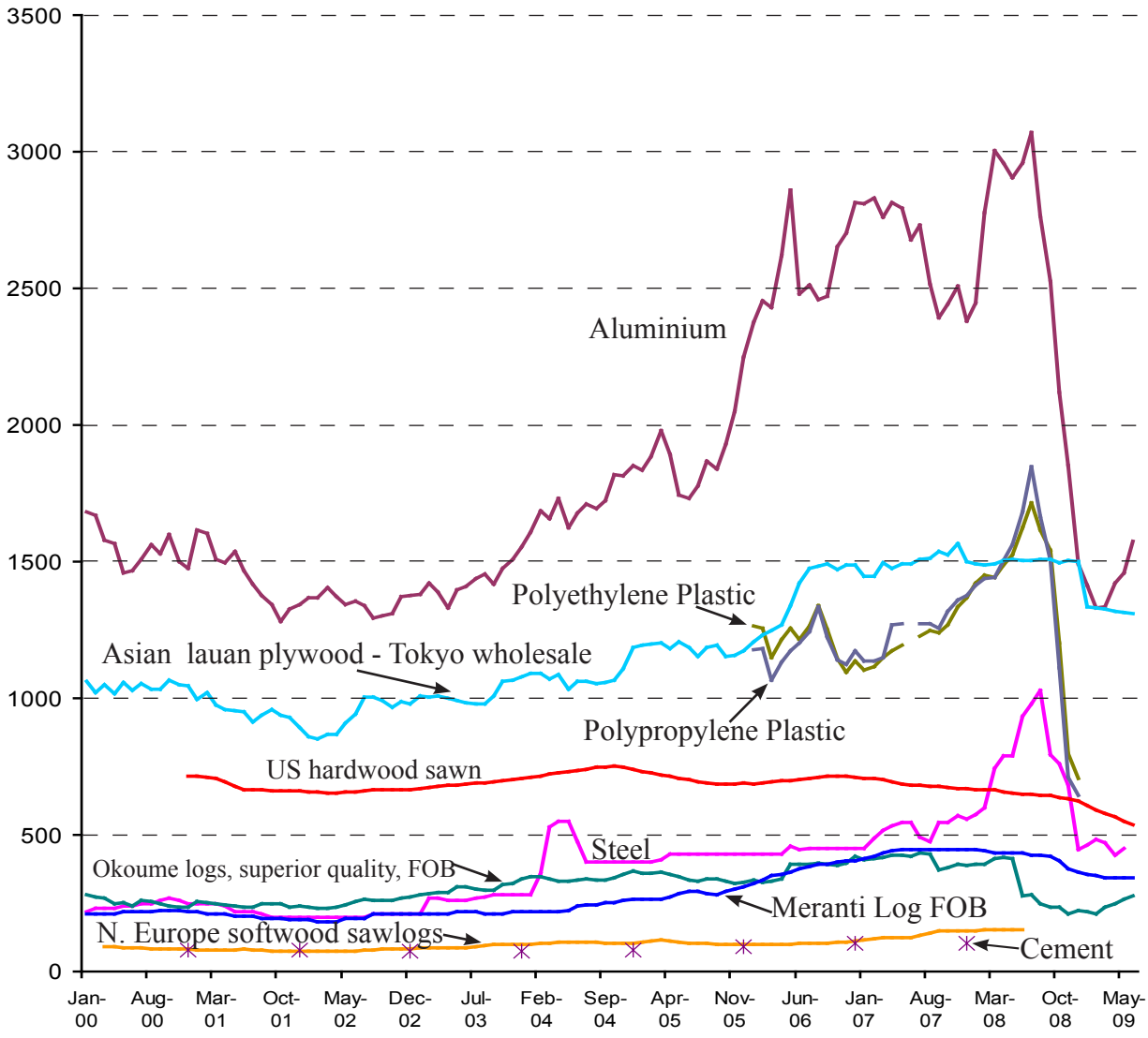
Lack of equivalent levels of access to new technology in developing countries is likely to become a more significant threat to the competitiveness of tropical hardwood in the future, particularly as new high-tech and capital intensive forms of research such as biotechnology, nanotechnology and information and communication technologies have an increasing impact on the performance of materials.

Tropical wood in relation to non-wood materials

Tropical wood's competitive position cannot be defined only in relation to other wood products. A host of non-wood materials are available to consumers, specifiers and designers, many of which may be directly substituted for wood products. Key competing non-wood materials include cement/concrete products, steel, aluminium and plastics; and to a lesser extent ceramic tiles, glass, gypsum and natural stone. Innovation in these alternative materials sectors implies opportunities to substitute tropical timbers are rising.

The value of global materials consumption rose strongly between 2000 and 2008, a period characterised by strong growth in construction activity in many parts of the world, particularly China and the United States (Global Industry Analysts 2008). Overall, "timber" is estimated to have held a 12% share of the value of world building material consumption (excluding plastics) in 2008, a slight erosion of share from 13% at the start of the decade. Over the

Figure 4.1: Price trends for commodities used in construction and the manufacture of building products January 2000 to May 2009 ($/Mt). Sources: World Bank (2009), Hardwood Review (2000-2009), ITTO (2009), UNECE (2008, 2009)



same period, cement and concrete products increased their share of global building material consumption from 46% to 49%, while metals, tiles and glass all maintained share at 12%, 20% and 8% respectively.

Analysis of price trends for competing wood and non-wood commodities over the last decade indicates that all commodities, with the exception of cement, have exhibited high levels of price volatility (Figure 4.1). Products such as aluminium, steel and plastic which require high levels of energy during manufacture have had particularly dramatic price rises before and during the energy crises in mid-2008. In contrast, cement seems to benefit from relatively stable and very low pricing. Low prices, wide availability, and simple application explain cement's huge and growing popularity in the global construction market. A very sharp decline in commodity prices for plastic, aluminium and steel in the second half of 2008, even more dramatic than the fall in wood prices during this period, suggests a renewed challenge to wood's overall position in the market.

All wood products have certain technical and performance constraints compared to other materials in particular applications. An analysis of wood's technical properties, drawing on research at the University of Cambridge, indicates that wood cannot match the toughness of steel or composites, lacks the strength-to-weight ratio of aluminium, is more difficult to recycle than most metals, and cannot be extruded or moulded.

On the other hand wood performs particularly well on issues of energy content, aesthetics, thermal insulation, and health. In fact, there are a whole range of environmental issues which undermine the competitiveness of most alternative materials compared to wood. The "durability" of tropical hardwoods is also one of its major strengths. The concept of 'durability' as generally applied within the wood sector – simply the ability to withstand bio-degradation – is much narrower than the concept applied by contemporary designers. The latter also takes account of the concept of adaptability, the extent to which a material can cope with changes in lifestyle and fashion, and on the ability of materials to maintain social integration and aesthetic values. This broader concept of durability plays even more to the strengths of tropical hardwood than the narrower concept of durability applied in the wood sector.

External factors impacting on the competitiveness of tropical hardwoods

A wide range of key external factors have been impacting on the relative competitiveness of tropical wood. Four of these issues are having, or may potentially have, a particularly profound impact on the future of tropical hardwood markets:

- **Emergence of China and Vietnam as major wood processing hubs:** on one level, the emergence of China and Vietnam as major processing hubs may be seen as undermining the efforts of tropical timber producing countries to develop their own downstream processing industries. On the other hand, it may equally be argued that both countries have contributed to increased competitiveness of tropical hardwood products. For example, the recent massive expansion of China's wood flooring sector has made a wider range of wood flooring products, including those based on tropical hardwoods, available to consumers in many areas of the world at highly competitive prices. This has been a significant factor helping to boost wood's overall market share in the global flooring market. Vietnam has played a similar role in the market for garden furniture. More recently, there are signs that the role of China in the international tropical hardwood trade may be changing once again. During the current downturn, Chinese manufacturers have been switching their focus to the domestic market where growth opportunities continue to exist. Meanwhile, quality concerns together with rising costs in China and increasing demand for products to be supplied just-in-time is undermining China's competitiveness in other major consumer markets.

- **Climate change and REDD:** the development of a new international framework on Reducing Emissions from Deforestation and Forest Degradation (REDD) under the United Nations Framework Convention on Climate Change (UNFCCC) has significant potential to alter the economics of tropical land management. Studies have shown that, on a purely financial basis, forest conversion to alternative land uses such as oil palm is often many times more profitable than sustainable forestry and that this has been a major driver of deforestation. REDD programmes could counter this trend by placing an economic value on the carbon storage capacity of sustainably managed forests. Much depends on the outcome of on-going negotiations within the UNFCCC process. The UK Eliasch Review suggests that close to US$30 billion per year would be required to halve the rate of forest loss and its associated impacts on climate change, which is beyond the level of financing committed by the international community to date (Eliasch, 2008). And at project level, research has shown that even if REDD credits were priced at the level of carbon credits traded in existing compliance markets, the profits from forest protection for carbon sequestration would fall short of the profits derived from conversion to oil palm agriculture in Indonesia (Butler et al, 2009). This suggests that the tropical forest sector cannot rely on the REDD framework to guarantee future profitability. It highlights the importance of maximising payments for a wide range of environmental services beyond carbon, including forest-derived goods and services that benefit local and regional economies.
- **Policy initiatives targeting illegal logging:** recent years have seen the emergence of a concerted international response to the problem of illegal

logging through various Forest Law Enforcement and Governance (FLEG) initiatives at international and national level. These initiatives have significant potential to increase the competitiveness of legally sourced tropical timber by removing cheaper illegal products from the market and by tackling a major factor which undermines their reputation and acts as a constant drag on marketing. Some FLEG policy measures have clear potential to boost the competitiveness of tropical timbers in a very direct way. For example, many bilateral development programmes (such as the FLEGT Voluntary Partnership Agreement (VPA) process) contribute resources to developing countries to assist strengthening of forest governance. On the other hand, poorly conceived, disproportionate and discriminatory policy measures to tackle illegal logging which add costs to legitimate forestry operations may have a detrimental effect on the international competitiveness of tropical hardwoods. The jury is still out on whether policy initiatives like the FLEGT VPAs, public sector procurement policies, the US Lacey Act amendment and the EU's proposed "due diligence" legislation, will achieve an appropriate balance improving enforcement while not imposing unnecessary costs on legitimate operators.

- **Global design trends:** Product and building design trends are critically important to the future competitiveness of the tropical wood industry. These trends offer both opportunities and threats for tropical hardwoods. Very strong interest in sustainability in the design profession, combined with designers' lack of knowledge of tropical forest issues, often results in strong prejudices against the use of tropical timber. Growing interest in mixing of materials is undermining the competitiveness of tropical hardwoods in sectors where it has been dominant in the past, such as garden furniture. On the other hand, moves towards "natural", "timeless", "authentic", "minimalist" and "individual" products in the interiors sector could be turned to the benefit of tropical hardwoods with appropriate marketing.

Tropical hardwood plywood in Europe and North America

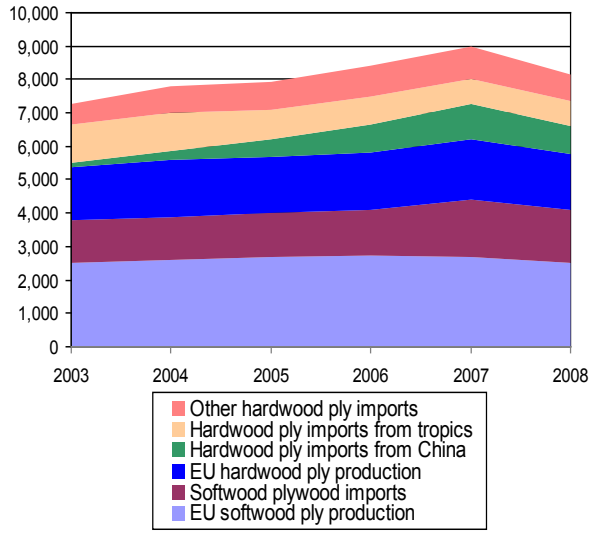
In the past, tropical hardwood plywood's competitiveness in the EU and US markets has been built heavily on the manufacturer's ready access to large dimension logs at relatively low prices. As tropical log supplies have become scarce and log prices have risen (until 2008), and as temperate producers have become adept at producing high performance composite panels from softwood resources, tropical hardwood plywood's competitiveness has inevitably declined.

For example, in Europe 15 years ago tropical hardwood plywood was widely used for interior doors and cabinets, a niche now dominated by veneered MDF. The introduction of new low priced, combi-plywood products from China (which are classified as tropical plywood in the HS codes but use exterior tropical plywood veneers with a lower grade core material) has sped the decline in tropical plywood imports from tropical supplying countries.

Overall, supply of plywood products to the EU market increased from around 7 million m³ in 2003 to 9 million m³ in 2007 and then declined to around 8 million m³ in 2008 (Figure 4.2). The market is split evenly between softwood-faced and hardwood-faced plywood. In the hardwood sector, imported plywood has been taking market share from domestic plywood.

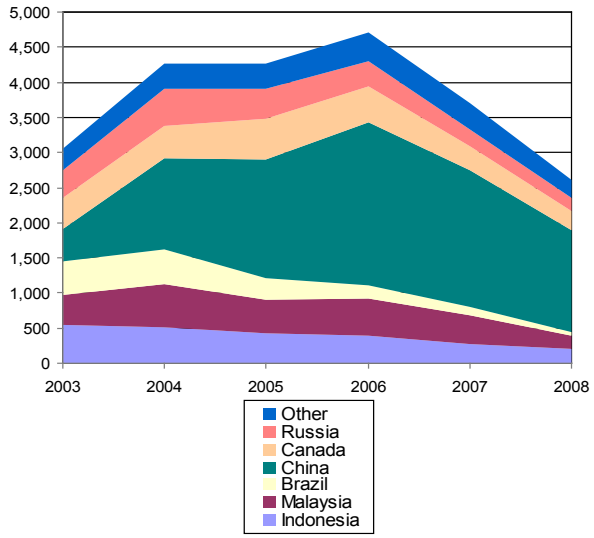
Between 2002 and 2007, China gained significant market share at the expense of tropical hardwood suppliers. During this period, tropical hardwood plywood's share

Fig. 4.2: EU plywood supply 2003 to 2008 (1000 m³)



Source: Forest Industries Intelligence Ltd (2009)

Fig. 4.3: US Hardwood Plywood and Engineered Wood Flooring Imports by supply country 2003-2008 (1000 m³)



Source: Global Trade Atlas (2009)

of all hardwood plywood imports fell from over 50% to less than 20%. Of tropical hardwood plywood suppliers, Indonesia and Brazil lost market share during the period 2002 to 2007, while Malaysia maintained market share.

The market shift to Chinese plywood has been even more dramatic in the United States (Figure 4.3). US imports of hardwood plywood and flooring rose dramatically between 2003 and 2006 from 3 million m^3 to 4.7 million m^3, but then declined sharply to 2.5 million m^3 in 2008. China was responsible for all the increase in US imports of hardwood plywood and flooring during the period 2003 and 2006. All the leading tropical hardwood plywood producers lost market share over the period 2003 to 2008. Brazil suffered the greatest loss of market share, followed by Indonesia.

A large part of tropical producer countries' loss of plywood market share in the EU and US has been related to price, the product being significantly more expensive than most other materials. The price difference does not reflect any long term increase in tropical plywood prices. In early 2009, Malaysian tropical hardwood plywood was trading at the same price point (in US$) as Indonesian plywood eleven years before. The price "gap" is therefore entirely due to the introduction of lower priced alternatives over the last decade, particularly Chinese combi-plywood. The fact that tropical producer countries' plywood prices have not seen substantial increase over the last decade, a period when tropical log prices rose significantly, is indicative of much tighter margins in the industry. Meanwhile Chinese combi-plywood has been offered at very low prices in the European market, trading at prices lower than OSB and little more than MDF over the four years to mid 2009.

More recently, the ability to conform to technical standards governing the performance of panel products, together with new requirements for low formaldehyde emissions and legality verification, is becoming an increasingly important competitiveness factor in both the EU and the US. Ensuring full compliance with such standards has become a key part of US and EU domestic industry strategy to counter the competitiveness of imported products. At the same time, major importers have become increasingly sensitive to accusations of inferior quality and are now going to greater lengths to ensure conformance to tougher quality standards amongst their overseas suppliers.

Smaller Chinese mills, many of which were producing sub-standard product, have been a particular target for these measures. Buying in China is increasingly concentrated on a limited number of mainly larger mills that have responded well to these new demands. The threat posed to the large mills in Malaysia, Indonesia and Brazil from the myriad small producers of cheap plywood in China seems to be on the wane. This is already showing up in the trade statistics. In 2008, EU imports of hardwood plywood from China suffered a reversal, while imports from tropical countries remained more stable. As a result, in terms of market share, tropical countries, particularly Malaysia, made up some of the ground lost to China.

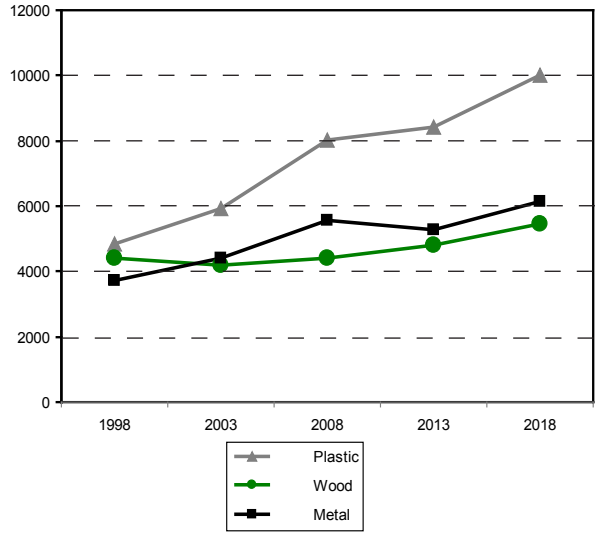
Sapele and meranti for window frames in Europe

Sapele and meranti are the dominant tropical hardwoods used in the European windows sector, particularly in the Netherlands, Germany and the UK. Overall, European annual imports of sapele (logs and lumber) are around 350 000 m^3 and of meranti (lumber and laminated scantlings) are around 250 000 m^3. The two species often compete directly with one another in Europe, the choice depending on relative prices which fluctuate widely depending on availability of supply and exchange rate movements.

The European window sector is becoming a more challenging one for tropical hardwoods. Even as wood windows are beginning to reclaim market share lost to uPVC earlier this decade (see Figures 4.4 and 4.5), most of these gains are expected to be achieved by softwoods, engineered wood products and wood plastic composites manufactured in northern European countries. A key challenge for tropical hardwoods in the European wood window sector is that high-spec hardwood windows tend to be more expensive than softwood windows and considerably more expensive than uPVC. All wood window products struggle to compete on price against uPVC due to the extra processing required during manufacture. The price competitiveness of wood windows is even more challenging when the extra costs associated with forest certification are taken into account, costs not borne by manufacturers using alternative materials.

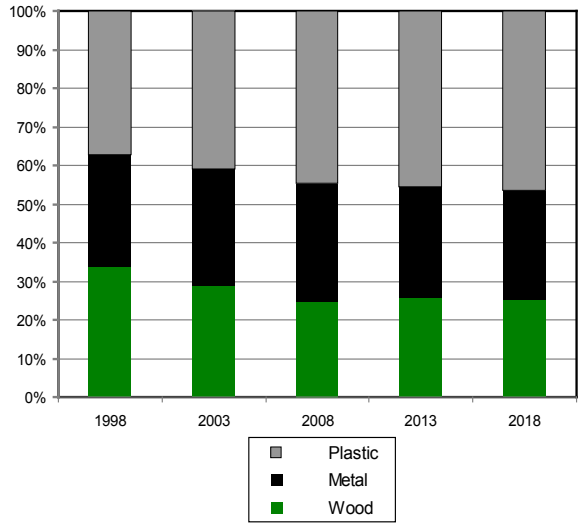
While meranti and sapele have been favoured for their technical attributes, following innovation and new product development some alternatives are already ahead of tropical wood with respect to specific technical qualities. For example, thermally-treated wood may conform to durability class 1 and is now regularly offered with significantly longer life guarantees than either sapele or meranti. The move to fully factory finished windows is also tending to increase the focus on consistent compliance with very tight size specifications to avoid wastage and technical standards for strength, durability, and stability. This is becoming progressively more important than factors such as versatility and ease of on-site working which have often favoured tropical hardwoods. Nevertheless, there is still a small but significant number of European window manufacturers and end-users that favour the look of tropical hardwoods, and appreciate their qualities of natural durability and stability. Malaysian and Indonesian wood suppliers are adapting to new market demands for more consistent raw material through development and supply of laminated products, which is helping to maintain position in the market. Availability is much less of a problem for sapele and meranti in the European market than for other tropical species since large volumes are typically held in stock by importers. In fact greater availability of sapele and meranti has been a key factor boosting competitiveness in relation to thermally treated wood. Longer-term, there is potential

Fig. 4.4: Value of Western European Wood Window Market by Product (million US$)



Source: Forest Industries Intelligence Ltd (2009)

Fig. 4.5: Share of Western European Wood Window Market By Product



Source: Forest Industries Intelligence Ltd (2009)

to maintain, even to extend, the share of tropical hardwoods in the European widow sector. However significant resources need to be committed to proactive marketing and to ensuring rising availability of certified sustainable product. A partial solution to the problem of relatively high raw material cost lies in emerging interest in whole life costing. Promoting whole-life costing is a key part of the strategy adopted by suppliers of thermally treated softwood to develop market share and is also relevant to the tropical hardwood sector. This strategy relies on the simple observation that while up-front prices will be higher, very significant savings may be made longer term through purchase of low maintenance and energy efficient products.

Interest in energy efficiency is impacting directly on the types and specifications of wood required in the European window sector. For example, demand for triple glazed units has been rising rapidly. In Germany these units now account for around 30% of the total window market. Due to the need for greater stability and strength in the frame to carry the triple glazing, standard 72x86 mm scantlings have been losing market share to thicker dimension products. Market players consider that in the long term this trend will most likely boost prospects for engineered softwoods and metals. However, tough new requirements for strength and consistency could also be made to work in favour of tropical hardwoods.

Tropical hardwood veneers in the European interiors sector

The European surface materials market is important to the tropical hardwood sector due to the use of sliced veneer in doors, flooring and furniture, and also because European furniture designers and manufacturers are influential in setting fashions for interiors worldwide, impacting on the choice of all materials, both wood and non-wood.

The fortunes of wood veneer products in Europe have undergone major changes in the last two decades. From the early 1990s onwards, Western European wood products manufacturers have faced mounting competition, first from Eastern Europe and then from East Asia. This encouraged a major shift from solid lumber in favour of reconstituted wood panels covered with a decorative veneer as a cost saving measure. At the same time, another much more negative trend for wood veneers has emerged and progressively deepened. Wood veneers have progressively lost market share to non-wood alternatives with the development of a range of new technologies.

A wide range of surface finishing technologies are now available, developed with the intent of replicating the look, feel and performance of real wood veneers including impregnated décor paper, vinyl foils (PVC), and direct printing. At the same time, the utility and range of applications for these technologies has greatly expanded as a result of substantial improvement in the dimensional accuracy and surface properties of wood-based panels and the development of High Performance Coatings (HPCs) which greatly enhance levels of durability, wear, and mechanical and thermal resistance. European manufacturing capacity for many of these alternative products is now substantial and, in some cases, has significantly overshot the level of demand. For example, supply of laminate flooring increased from near zero in 1995, to 275 million m^2 in 2001 and hit 507 million m^2 in 2007. These various pressures have meant that the European market for surface materials is intensely competitive. There is considerable pressure on all manufacturers to cut costs while at the same time maintaining high and consistent quality and reliability of service. Increasingly, all suppliers have to market new and innovative products, backed with appropriate technical information and design recommendations, if they are to maintain market share. This in turn implies very high barriers to market entry

requiring considerable capital investment, product and market knowledge. The essential need to be close to the consumer means that a very high proportion of value-added associated with the veneer sector is carried out in Europe itself rather than in supplying countries.

Analysis of trade and production data suggests fairly static consumption of decorative wood veneers in the EU over the 2001-2008 period at a level of around 2 million m^3 per year. Given that this was a period of significant growth in EU manufacturing of wood-based panels, furniture, building materials, and non-wood surface materials, a significant loss of market share for wood veneer against non-wood surfaces can be assumed over the last decade. While some tropical countries have increased exports of sliced veneer to the EU-25 over the last decade, this is more a result of policy measures to restrict log exports from those countries than an indication of any strong increase in the relative competitiveness of tropical sliced veneers. The rapid progress and expansion of non-wood substitutes in high-volume, low-end sectors of the European market for surface materials, suggests negligible opportunities for expansion of markets for standard tropical hardwood veneers in these sectors. There may once have been some potential to expand lower-end markets for veneers in the southern European door sector, but the recent economic downturn in Spain, Portugal and Italy and the mounting competitive pressure from non-wood substitutes, suggests this is no longer a viable option.

Fashion trends have also been working against tropical hardwoods. While a few highly variegated tropical species (such as rosewood) and brown/black species (such as teak and wenge) are still quite popular in the European surfaces market, red tropical hardwoods are very much out of fashion. Current demand is concentrated on species with pronounced grain, texture and natural variation. This combined with a requirement for large volumes and consistency has increasingly focused attention on a limited range of temperate species, particularly oak. Ready availability, versatility, and familiarity have meant that designers have continued to favour oak even as fashions have shifted over the last decade from lighter to darker colours – a trend which would otherwise be expected to favour many tropical species.

In fact, there were strong indications at European trade shows in 2009 and early 2010 that oak flooring is increasingly replacing tropical species, even for products in the darkest shades. Another parallel trend, which also aims to greatly expand the versatility of readily available species, is the development of reconstituted veneer products by the traditional veneer suppliers. This represents an attempt by wood veneer manufacturers to combine the natural benefits of wood veneer with variety and flexibility of laminates. Using raw materials originating from plantations and other abundant forest resources, backed in most cases by some form of certification, procedures have been developed to reconstruct high-quality woods through a precise industrial process.

Maintaining and increasing access of real wood veneers to relatively high-volume markets in Europe is likely to be heavily dependent on the success of innovative new products like Danzer's "Vinterio" and Alpi's "Alpilignum". The latter, which includes ayous in the mix of wood species used as a substrate, suggests that there could be a role for some higher volume tropical hardwoods in these innovative products. However, this will require further technical development work in association with large veneer companies and will also be dependent on reliable environmental certification.

However the best opportunities for tropical hardwood veneer are likely to lie at the high-value, low-volume end of the market where the custom designer may select a flitch of veneers with which to produce a work of art or to satisfy the design brief of a particular client. In this part of the market, a significant premium may be placed on the range of species to choose from, natural characteristics, and the 'narrative' and environmental qualities associated with each species. The sheer range and variety of tropical hardwoods compared to temperate hardwoods suggests opportunities to expand market share in this part of the market. Even at the upper end of the market, there is no doubt that competitive pressure from non-wood substitutes will continue to intensify for wood veneers as technical developments are improving the look and feel of these substitutes.

The tropical hardwood veneer industry can build on the fact that the desire for the look of wood is strong and there are indications that consumers and designers at the high end of the market are still seeking the naturalness, sustainability, warmth, and performance of real wood. However, this cannot be taken for granted and there is a critical need for active engagement with the European design community to maintain and rebuild market share.

Improving Tropical Wood's Competitiveness

ITTO is encouraged to facilitate efforts at international level to bring together producer governments, large corporations dealing in tropical hardwoods, and trade associations, to develop an industry-wide generic marketing campaign for tropical hardwoods. A core objective would be both to influence architectural and design trends in industrialised countries in favour of tropical hardwoods and to build a strong cadre of designers in tropical countries.

Tropical wood industries are encouraged to focus on developing opportunities for tropical hardwoods in higher value niche markets. Seeking to compete in large-volume, low-value commodity markets where softwoods and other cheaper commodities dominate is unlikely to be a sustainable long-term strategy. They need to maintain a commitment to full conformance to emerging quality, environmental and forest certification standards. Long-term competitiveness, particularly in higher value niche markets, is likely to lie in ensuring tight conformance to these standards and supply of 'knowledge-based products'.

Special emphasis also needs to be placed on improving the regularity and consistency of wood supply through improved logistics, increased dependence on resources managed for long-term sustained yield, including both plantations and managed natural forests, training in wood handling, and other efforts to improve the efficiency of wood processing operations.

Drawing on the results of this study, the governments of tropical countries are encouraged to undertake more detailed reviews of the global positioning and competitiveness of their national tropical wood products industries with a view to developing realistic long-term market development strategies.

5. LONG-TERM OUTLOOK FOR THE TROPICAL TIMBER MARKET[1]

Highlights

- Qualitative scenario planning and quantitative economic analysis have been combined to estimate the impact of long-term global and sector trends on tropical timber markets and forests. In this chapter one of the four plausible scenarios (a scenario of the world in which the tropical forest industry may thrive in 2020) and model predictions are presented.

- Between 1995 and 2005 forest area in tropical producer countries declined by 0.5% per year. This decline could be halted by trends toward forest protection through Reduced Emissions from Deforestation and Degradation, and expansion of plantation forests under the Clean Development Mechanism, driven by a post-Kyoto agreement to mitigate climate change and adoption of cost-effective approaches to forest governance.

- From the mid-1990s to 2005 global consumption of tropical wood products was stagnant or declining, due to substitution by non-tropical and non-wood products. The global economic crisis exacerbated this trend. Study predictions suggest that tropical sawnwood and plywood consumption from 2010 to 2020 could increase through a return to high economic growth post-crisis, particularly in emerging economies, and increased consumer preferences for tropical timber products driven by certification harmonisation, cost-effective approaches to ensuring legality, and strategies to increase tropical timber product competitiveness.

- Global production of tropical sawnwood and plywood will remain in tropical producer countries which have stronger economic growth post-crisis and where improvements in wood processing occur due to improved investment environments.

- Though North America and Europe remain dominant producers and consumers, especially of softwood products, Asia & Pacific and Latin America are gaining, particularly in production of more processed products. If trends in stronger economic growth, expansion of plantation forests, and improvements in processing in Asia & Pacific continue, this region is predicted to surpass North American and European production of reconstituted panels and close the gap with these regions in non-tropical hardwood sawnwood production.

- Historically, growth in production of fibre-based and secondary processed wood products has been more rapid than for traditional solidwood products. Model predictions suggest greater than 5.5% per year growth in production of fibre-based and secondary processed wood products in Asia & Pacific and Latin America if there remains a consumer preference for these products, and plantation forest expansion and processing improvements continue.

- Over the last two decades, forest product prices have declined. Given the important influence of economic growth on historical forest product prices, model predictions suggest that the global economic crisis will lead to a dip in prices due to lower global demand. Beyond the crisis, growth in prices will be dependent on robust economic growth and strengthening preferences for tropical timber products, combined with a reduction in forest available for supply due to expansion of protected forest area.

[1] By James Turner, Scion.

Introduction[1]

Changes in the global trading environment for tropical timbers are occurring at a rapid pace. This requires a longer term view to enable tropical timber industry policy decisions to be effective. Knowledge of how the tropical forest products sector is likely to evolve with the external changes that may occur to 2020 will allow those involved in the sector to make more informed decisions for the future.

This chapter summarises the results of an ITTO study to estimate the impact of long-term global and sector trends and drivers on tropical timber markets and forests. Acknowledging that the long-term future of tropical timber markets and forests is unpredictable, a scenario planning process (Schwartz 1996) was used to develop plausible scenarios of the future outlook for tropical timber markets. The results of one of four scenarios – a world in which the tropical forest industry may thrive in 2020 – is presented in this chapter.

Quantitative predictions of forest resources and wood products consumption, production, trade and prices to 2020 were made using a version of the Global Forest Products Model with tropical timber and secondary processed wood products included (Turner 2010). The GFPM is an economic model, which integrates the four major components of the global forest sector; wood supply, wood processing, product demand, and trade (Buongiorno et al. 2003). Forest products are interrelated by supply and demand equations, and manufacturing input-output coefficients and costs. Countries are linked by trade.

An important strength of the approach used to produce forecasts of the tropical timber market is that all the assumptions in the economic model are explicit. Furthermore, all the projections can be reproduced and the assumptions deemed unrealistic changed. In so doing scientific economic analysis has been merged with the art of scenario planning to arrive at richer predictions of the tropical timber market.

Trends and Drivers in the Tropical Timber Market

During the past decade a number of key trends have had a major impact on tropical forests and their related industries. These trends include demographic change, economic expansion accompanied by regional and global disruptions, trade liberalisation, and increasing environmental awareness (Turner 2010).

These trends have had both positive and negative influences on the tropical timber market by contributing to; (i) continued global forest loss, though at a slowing rate, (ii) little to no growth in global consumption of tropical sawnwood and plywood, (iii) a global shift in consumption of raw material and primary processed wood products from tropical hardwoods to softwoods and non-tropical hardwoods, (iv) an increasing concentration of production and consumption of tropical wood products in tropical producer countries, (v) the rapid emergence of Asia & Pacific and Latin America as producers of processed forest products, (vi) a rapid growth in production of fibre-based products, and exports of secondary processed products by tropical producer countries, and (vi) a general long-term downward trend in wood product prices.

These historical trends are described here in more detail and how they may play out to 2020, with particular attention to how they could be positively influenced by macro drivers, both external and internal, to the tropical forest sector.

Tropical forest resources

Between 1990 and 2005 global forest area decreased by 125 million ha; approximately the land area of Angola. Deforestation, due to logging and conversion of forest to agricultural uses (Contreras-Hermosilla 2000), occurred almost entirely in the tropics, particularly in Africa and Latin America (FAO 2005) (Table 5.1). Nevertheless, the same regions, especially Latin America, did offset some of this loss through establishment of plantation forests (FAO, 2005).

Table 5.1 Country and regional forest area change (% per year) to 2020. Sources: FAO (2005) 1995-2005, model predictions 2006-2020

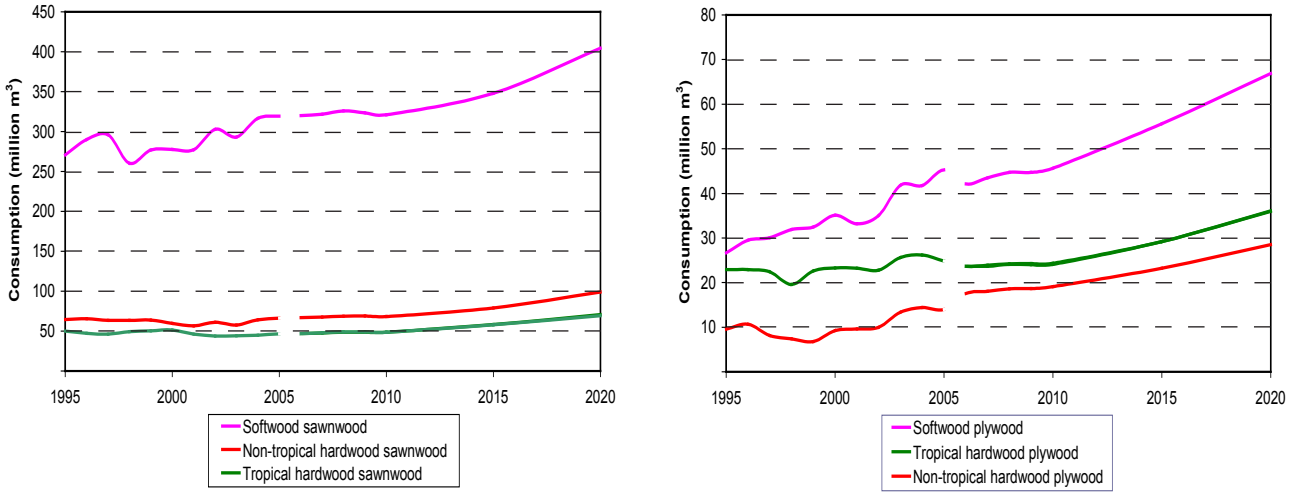
Region*	Actual		Predicted 2006-2020
	1995-2000	2000-2006	
Africa	-0.4	-0.4	0.2
Latin America	-0.4	-0.5	-0.1
Asia & Pacific	-0.1	0.1	1.1
North America	0.0	0.0	0.0
Europe	0.5	0.4	0.9
ROW	-0.2	-0.2	-0.4
ITTO Producers	-0.5	-0.5	0.0
ITTO Consumers	0.2	0.5	1.1
World	-0.2	-0.2	0.1

**Africa, Latin America and Asia & Pacific regions include both ITTO producer and consumer countries in each region.*
ROW (Rest of World) includes all non-ITTO member countries.
Europe includes ITTO consumer countries in that region

Given the important influence that relative returns to forestry and agriculture have on forest loss (Eliasch 2008) a key future trend influencing forest area change is the emergence of markets for ecosystem services from tropical forests, which would increase the value of land

[1] This Chapter summarises some of the results presented in Turner (2010). The full report includes a detailed description of the methods and assumptions used to arrive at the trends presented in this chapter.

Figure 5.1 Historical (1995-2005) and predicted (2006-2020) softwood, tropical hardwood and non-tropical hardwood sawnwood and plywood consumption.



remaining in forest, and expansion of plantation forestry. Potential drivers of this trend are a post-Kyoto agreement encouraging uptake of strategies to mitigate the effects of climate change, such as Reduced Emissions from Deforestation and Degradation (REDD), and expansion of plantation forests under the Clean Development Mechanism (CDM). Another important driver is the adoption of cost-effective approaches to ensure strong forest governance. Monitoring, verification, and enforcement) will be needed to ensure legality for purchasers of carbon credits from REDD and CDM activities (Contreras-Hermosilla 2000).

If the trends toward uptake of REDD and CDM occur it could reverse the historic loss of tropical forests in producer countries, lead to increased forest area in China, Malaysia, and India, and slow forest loss in Brazil and Indonesia to almost zero by 2020 (Table 5.1). Such a slowing of forest loss would, however, require a significant change in tropical forest area under protection (up to 40% of forest area) and at least a 50% increase in the current rate of plantation forest establishment in tropical forest areas (Carle & Holmgren 2008).

Consumption of tropical wood products

From the mid-1990s to 2005 global consumption of tropical wood products has been stagnant, with a 0.7% per year decline in sawnwood consumption and a modest 0.8% per year increase in plywood (including veneer) consumption (Figure 5.1). Predictions using the GFPM suggest that the global economic crisis has had a small negative impact on global consumption of all wood products, especially softwood sawnwood and plywood. The global economic crisis is predicted to have had less of an impact on tropical wood product consumption (Figure 5.1), in part because a large share of consumption of these products is in countries less affected by the economic slowdown; China, India, and Brazil (World Bank 2009).

Towards 2020, a combination of positive trends influencing wood product demand and supply would need to occur to support higher than historical growth in global tropical wood product consumption. Important demand-side trends include a return to high economic growth post- crisis, particularly in major emerging economies such as China, India and Brazil, and increasing consumer preferences for tropical timber products. The latter would need to be driven by harmonisation of processes and criteria across certification schemes (Simula et al. 2009), adoption of cost-effective approaches to monitoring, verification, and enforcement of legality (Mertens & Méthot 2008), and strategies to increase the competitiveness of tropical timber products relative to substitute products (Oliver & Donkor 2010). At the same time increased wood supply from plantation forests and improvements in tropical timber processing, driven by increased investment in tropical countries, would ensure growth in wood product prices did not dampen demand growth. If these trends occur model predictions suggest tropical sawnwood and plywood consumption from 2010 to 2020 could increase 3.7% and 4.0% per year, respectively.

Substitution from tropical to non-tropical wood products

During the period from 1995 to 2006 there has been a global trend in log, sawnwood, and plywood consumption away from tropical hardwoods to softwoods and to a lesser extent, non-tropical hardwoods (Tables 5.2 and 5.3). As a result, tropical hardwoods have had a declining share in consumption of these products by tropical producers, especially in Asia & Pacific and Latin America. While tropical producer country consumption of wood products is predominantly tropical hardwoods (67% of harvests, 85% of sawnwood, and 87% of plywood in 1995), the share of these in consumption has declined (50% of harvests, 57% of sawnwood and 76% of plywood in 2006). This trend has, in part, been driven by an increase in the use of tropical hardwood plantation forests, for pulp and energy production (ITTO 2007). In Africa, tropical wood products are a significantly larger share of wood product consumption, with only a modest decline in share

from 1995 to 2006 (Tables 5.2 and 5.3).products are a significantly larger share of wood product consumption, with only a modest decline in share from 1995 to 2006 (Tables 5.2 and 5.3).

Table 5.2 Share (%) of softwood, tropical hardwood and non-tropical hardwood in total sawnwood consumption, by region, historical (1995-2006) and predicted (2020). Sources: ITTO and FAO for 1995 to 2006 and model predictions for 2020

		Actual			Predicted
Regions*	**Commodity**	**1995**	**2000**	**2006**	**2020**
Africa	Softwood	0.0	0.2	0.4	0.7
	Tropical	100.0	99.7	99.1	99.0
	Hardwood	0.0	0.1	0.5	0.3
Latin America	Softwood	24.7	43.7	43.1	47.2
	Tropical	75.3	51.2	54.8	50.9
	Hardwood	0.0	5.1	2.1	1.9
Asia & Pacific	Softwood	60.5	58.7	61.2	54.2
	Tropical	25.7	32.8	19.4	19.5
	Hardwood	13.8	8.5	19.4	26.3
North America	Softwood	79.1	78.3	81.6	82.1
	Tropical	0.2	0.2	0.2	0.2
	Hardwood	20.7	21.5	18.1	17.7
Europe	Softwood	82.8	85.1	90.7	90.6
	Tropical	4.1	3.1	2.3	2.4
	Hardwood	13.1	11.8	7.0	7.0
ROW	Softwood	68.4	66.8	66.2	68.1
	Tropical	8.0	11.5	11.2	8.7
	Hardwood	23.6	21.7	22.6	23.2
ITTO Producers	Softwood	15.2	27.2	39.6	45.8
	Tropical	84.3	69.0	56.5	50.4
	Hardwood	0.5	3.8	4.0	3.8
ITTO Consumers	Softwood	78.2	83.8	82.6	76.5
	Tropical	5.2	5.4	3.8	4.7
	Hardwood	16.6	10.8	13.6	18.8
World	Softwood	70.3	71.5	73.7	70.7
	Tropical	13.0	13.2	10.8	12.1
	Hardwood	16.7	15.4	15.5	17.2

**Africa, Latin America and Asia & Pacific regions include both ITTO producer and consumer countries in each region. ROW (Rest of World) includes all non-ITTO member countries.*
Europe includes ITTO consumer countries in that region

Towards 2020 a strengthening of consumer preferences for tropical sawnwood and plywood and strong economic growth in key countries such as China and India is predicted to lead to a marginal increase in the share of tropical sawnwood in consumption to 12% by 2020 and a slowing in the decline in the share of tropical in plywood consumption to 27%. The predicted growth in China's consumption of tropical sawnwood contributes to the reversal in Asia & Pacific's decline in tropical share of sawnwood consumption (Table 5.2). Even if there is an increased preference for tropical sawnwood and plywood in Europe and North America, shares of tropical in total wood products consumption are predicted to grow insignificantly. This is due to the combination of already low levels of tropical wood product consumption and slower economic growth in these regions.

Table 5.3 Share (%) of softwood, tropical hardwood and non-tropical hardwood in total plywood consumption, by region, historical (1995-2006) and predicted (2020). Sources: ITTO and FAO for 1995 to 2006 and model predictions for 2020

		Actual			Predicted
Regions*	**Commodity**	**1995**	**2000**	**2006**	**2020**
Africa	Softwood	0.0	8.2	3.1	3.4
	Tropical	100.0	91.8	96.6	96.5
	Hardwood	0.0	0.0	0.3	0.1
Latin America	Softwood	42.2	57.6	58.3	57.4
	Tropical	62.3	31.4	35.6	32.9
	Hardwood	n.a.	11.0	6.1	9.7
Asia & Pacific	Softwood	22.4	31.0	39.7	42.1
	Tropical	62.4	57.3	39.2	33.8
	Hardwood	15.2	11.7	21.1	24.0
North America	Softwood	74.9	82.2	70.1	72.1
	Tropical	7.1	7.7	9.4	9.3
	Hardwood	18.0	10.1	20.4	18.6
Europe	Softwood	43.1	39.0	39.2	38.0
	Tropical	28.8	19.9	17.9	17.7
	Hardwood	28.1	41.1	42.9	44.4
ROW	Softwood	65.6	69.1	73.6	76.6
	Tropical	34.4	30.9	26.4	23.4
	Hardwood	0.0	0.0	0.0	0.0
ITTO Producers	Softwood	14.3	29.7	21.1	22.2
	Tropical	87.1	63.5	76.2	73.7
	Hardwood	0.0	6.7	2.6	4.1
ITTO Consumers	Softwood	31.6	39.1	45.5	47.3
	Tropical	49.5	42.1	27.7	23.7
	Hardwood	18.9	18.8	26.8	29.1
World	Softwood	45.1	51.9	50.5	50.8
	Tropical	38.8	34.4	28.4	27.0
	Hardwood	16.1	13.6	21.1	22.2

**Africa, Latin America and Asia & Pacific regions include both ITTO producer and consumer countries in each region. ROW (Rest of World) includes all non-ITTO member countries.*
Europe includes ITTO consumer countries in that region

Concentration of tropical wood product production and consumption in tropical countries

Not surprisingly global production of tropical sawnwood and plywood is concentrated in the tropical producer countries (Tables 5.4 and 5.5). In 2006, Indonesia, Brazil, Malaysia and India were the largest producers of tropical sawnwood (63% of world production) and plywood (59% of world production). China though, was the second largest producer of tropical plywood, having surpassed Indonesian production. Brazil, India and Indonesia are also large consumers of tropical sawnwood, followed by China, Vietnam and Malaysia. Tropical plywood is the only tropical product for which developed countries are among the top consumers; Japan (16% of world consumption), the United States (7.4%) and France (1.8%). Trends toward stronger economic growth post-economic crisis and continued improvements in processing in key Asia & Pacific and Latin America

countries, are predicted to lead to a continued concentration of production and consumption of tropical timber products in tropical producer countries(Tables 5.4 and 5.5). This is particularly the case for China, India, Malaysia, Indonesia, Brazil and Peru. Potential drivers of the trend toward improved tropical timber processing are better investment environments in tropical producer countries, brought about by a reduction in corruption, and improved forest governance, through third-party monitoring (Canby & Raditz 2005). Sources of non-Western investment are potentially tropical producer country governments supporting industry development, and private sector investment from emerging economies (particularly China) seeking primary and secondary processed wood products for their expanding markets.

Table 5.4 Historical (1995-2006) and predicted (2020) regional shares of world production of tropical sawnwood. Sources: ITTO and FAO 1995 to 2006, model predictions for 2020

Region*	Actual			Predicted
	1995	2000	2006	2020
Africa	4.4	8.6	9.5	8.6
Latin America	34.2	32.0	34.6	40.4
Asia & Pacific	51.7	46.6	42.2	38.7
North America	0.0	0.0	0.0	0.0
Europe	1.5	1.3	0.3	0.5
ROW	8.1	11.5	13.5	11.8
ITTO Producers	87.3	83.8	82.8	81.4
ITTO Consumers	4.6	4.6	3.7	6.8

**Africa, Latin America and Asia & Pacific regions include both ITTO producer and consumer countries in each region.*
ROW (Rest of World) includes all non-ITTO member countries.
Europe includes ITTO consumer countries in that region

Table 5.5 Historical (1995-2006) and predicted (2020) regional shares of world production of tropical plywood. Sources: ITTO and FAO 1995 to 2006, model predictions for 2020

Region*	Actual			Predicted
	1995	2000	2006	2020
Africa	2.5	4.4	4.7	4.4
Latin America	6.5	6.7	6.4	7.4
Asia & Pacific	85.7	83.9	82.8	83.9
North America	0.0	0.0	0.0	0.0
Europe	2.7	2.4	1.9	1.0
ROW	2.6	2.7	4.2	3.4
ITTO Producers	71.5	75.6	65.9	67.1
ITTO Consumers	25.8	21.7	29.9	29.5

**Africa, Latin America and Asia & Pacific regions include both ITTO producer and consumer countries in each region.*
ROW (Rest of World) includes all non-ITTO member countries.
Europe includes ITTO consumer countries in that region

Emergence of Latin America and Asia-Pacific producers

In the past, global wood products consumption and production has been concentrated in North America and Europe. Though North America and Europe remain the dominant producers and consumers, especially of softwood products, Asia & Pacific and Latin America are gaining, particularly in production of more processed products such as plywood, paper and paperboard, and secondary processed products. Most of this growth occurred in China, and to a lesser extent in Indonesia, Malaysia, Brazil, and the Republic of Korea. This change has been driven by a combination of stronger economic growth, lower manufacturing costs, development of forest plantations, and in some cases protection of processing industries in these countries.

If trends towards stronger economic growth, expansion of plantation forests and improvements in manufacturing costs and wood conversions in Asia & Pacific and Latin America continue, the historical shift in wood product production to these regions is predicted to continue. As discussed previously key drivers of these trends are ongoing strengthening of investment environments and forest governance in these regions. Model predictions suggest that the above trends would lead to Asia & Pacific experiencing large growth in production of a number of secondary processed wood products. The region is predicted to surpass North American and European production of reconstituted panels by 2020 (Table 5.6).

Table 5.6 Historical (1995-2006) and predicted (2020) regional shares of world production of reconstituted panels. Sources: ITTO and FAO 1995 to 2006, model predictions for 2020

Region*	Actual			Predicted
	1995	2000	2006	2020
Africa	4.4	8.6	9.5	8.6
Latin America	34.2	32.0	34.6	40.4
Asia & Pacific	51.7	46.6	42.2	38.7
North America	0.0	0.0	0.0	0.0
Europe	1.5	1.3	0.3	0.5
ROW	8.1	11.5	13.5	11.8
ITTO Producers	87.3	83.8	82.8	81.4
ITTO Consumers	4.6	4.6	3.7	6.8

**Africa, Latin America and Asia & Pacific regions include both ITTO producer and consumer countries in each region.*
ROW (Rest of World) includes all non-ITTO member countries.
Europe includes ITTO consumer countries in that region

The main countries predicted to increase panel production are China, Malaysia and Thailand. The Asia & Pacific region could also close the gap with North America and Europe in non-tropical hardwood sawnwood production (Table 5.7) with most of the increase in production predicted to come from China.

Table 5.7 Historical (1995-2006) and predicted (2020) regional shares of world production of non-tropical hardwood sawnwood. Sources: ITTO and FAO 1995 to 2006, model predictions for 2020

Region*	Actual			Predicted
	1995	2000	2006	2020
Africa	0.0	0.0	0.1	0.1
Latin America	0.0	1.6	0.5	0.8
Asia & Pacific	19.9	7.2	23.2	30.6
North America	47.6	54.7	44.5	33.7
Europe	11.4	12.7	6.6	5.6
ROW	21.1	23.8	25.0	29.3
ITTO Producers	0.3	2.1	1.1	1.8
ITTO Consumers	32.8	21.3	31.9	37.2

**Africa, Latin America and Asia & Pacific regions include both ITTO producer and consumer countries in each region.*
ROW (Rest of World) includes all non-ITTO member countries.
Europe includes ITTO consumer countries in that region

Production of fibre-based and secondary processed wood products

Historically, growth in production of fibre-based products[1] and secondary processed wood products[2] has been more rapid than for primary solidwood products (Table 5.7). This is particularly the case in Asia & Pacific and Latin America. As with agricultural products, this trend has been driven by an increasing demand for more sophisticated, differentiated products as incomes grow (Antle 1999). This is reflected in income growth being associated with stronger increases in demand for more processed wood products, compared with less processed products (Simangunsong and Buongiorno 2001). At the same time, there has been a reduction in tariff escalation, reducing the import price of more processed wood products relative to primary wood products (Turner et al. 2006).

Where there is a stronger consumer preference for these products, relative to less processed products, the trend toward increased production of fibre-based and secondary processed products is predicted to continue. Other trends supporting the continuation of this shift are expansion of plantation forests providing a low cost source of wood fibre (Carle & Holmgren 2008) and improvements in processing, especially for reconstituted panels and secondary processed products in countries in Latin America and Asia & Pacific.

[1] reconstituted panels, wood pulp, and paper and paperboard

[2] builder's carpentry and joinery, wooden furniture and other SPWP

Table 5.8 Historical (1995-2006) and predicted (2020) regional growth rates of world production of softwood sawnwood, reconstituted panels, and wooden furniture. Sources: ITTO and FAO 1995 to 2006, model predictions 2006 to 2020

		Actual		Predicted
Commodity*	Region	1995-2000	2000-2006	2006-2020
Softwood sawnwood	Africa	-	-	5.5
	Latin America	11.6	1.8	4.7
	Asia & Pacific	-6.8	4.9	1.3
	North America	-1.4	1.4	1.8
	Europe	3.4	2.5	0.3
	ROW	1.1	3.2	2.7
	ITTO Producers	9.4	8.8	4.7
	ITTO Consumers	0.5	2.2	0.5
Reconstituted panels	Africa	29.3	-16.8	5.9
	Latin America	9.3	4.9	3.3
	Asia & Pacific	4.6	10.2	5.6
	North America	6.7	1.1	2.0
	Europe	6.8	2.0	2.0
	ROW	3.6	6.8	5.4
	ITTO Producers	9.6	5.2	2.3
	ITTO Consumers	6.9	4.3	3.7
Wooden furniture	Africa	9.0	5.8	1.9
	Latin America	13.3	6.3	3.3
	Asia & Pacific	35.1	14.0	3.9
	North America	-	-	3.8
	Europe	4.7	-5.4	3.0
	ROW	-	27.4	2.2
	ITTO Producers	18.8	8.9	2.8
	ITTO Consumers	10.2	5.4	4.0

**Africa, Latin America and Asia & Pacific regions include both ITTO producer and consumer countries in each region.*
ROW (Rest of World) includes all non-ITTO member countries.

Europe includes ITTO consumer countries in that region
Model predictions suggest that these trends would lead to strong growth in fibre-based and secondary processed wood product production in Asia & Pacific (greater than 5.5% per year growth) and Latin America (greater than 6.0% per year). The key producers in Asia & Pacific are likely to be China for reconstituted panels, wood pulp, paper and paperboard, and all secondary processed wood products, Malaysia and Thailand for reconstituted panels and wooden furniture, and Indonesia for wood pulp, paper and paperboard and other secondary processed products. The key producer in Latin America for fibre-based products and secondary processed products is likely to be Brazil. Africa, particularly Nigeria, also has potential to experience comparable growth in production of fibre-based products (Table 5.8).

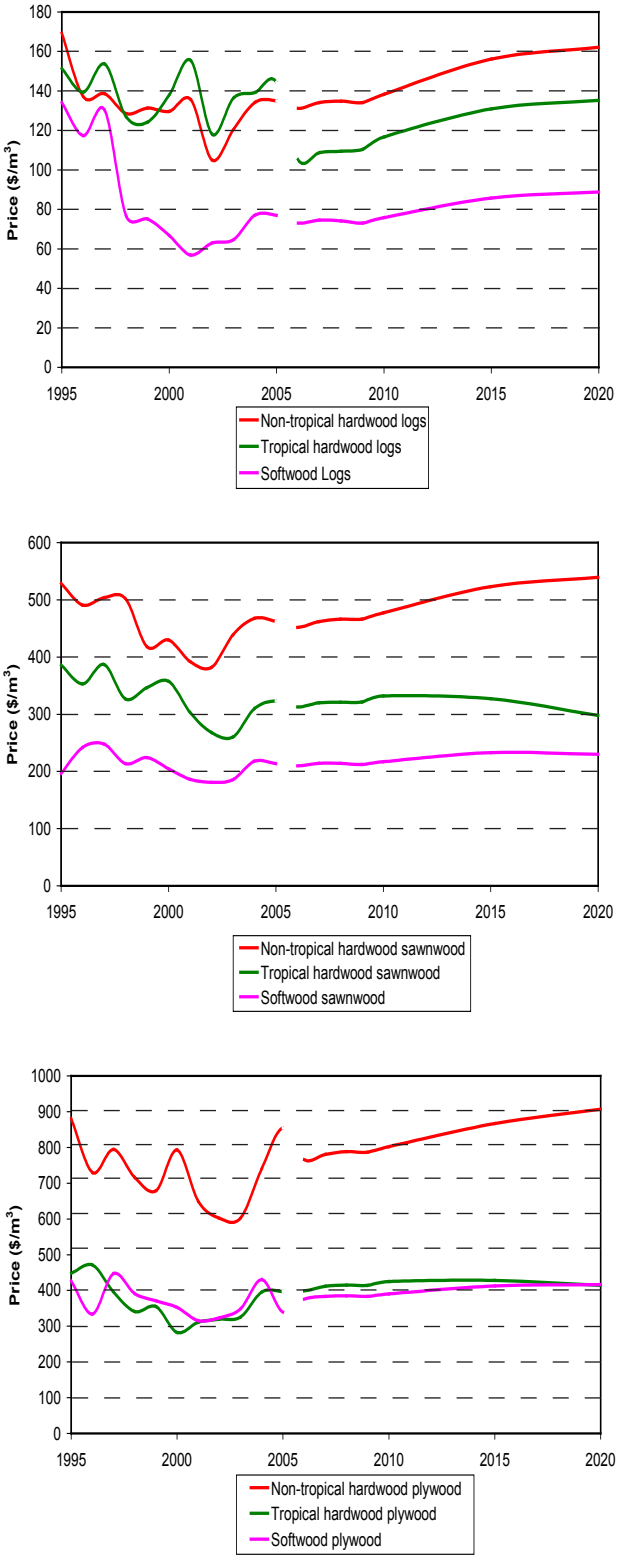
Wood product prices

Historically, forest product prices have declined, though from 2000 to 2008 prices increased in line with growth in all commodity prices driven by the expansion in global demand and fuelled by strong economic growth (World Bank 2009) (Figure 5.2). Prices for tropical and non-tropical hardwood logs are similar and have moved together, from 1995 to 2007, while softwood logs have been priced lower (Figure 5.2).

The price of sawnwood has paralleled the price of logs as roundwood is a major component of the total cost of sawmilling, though there is a clear difference in the price of tropical and non-tropical hardwood, and softwood sawnwood; tropical hardwood sawnwood being priced lower than non-tropical (Figure 5.2). Non-tropical hardwood also responded more strongly to increased global demand from 2003.

Given the important influence of economic growth on historical forest product prices, model predictions of future prices suggest that the global economic crisis will lead to a dip in prices due to lower global demand. Beyond the crisis, a combination of increased demand for wood products and reduced wood supply would be needed to increase prices, particularly for tropical hardwood logs and sawnwood (Figure 5.2). Trends toward robust economic growth and strengthening preferences for tropical timber products would be important influences on increased demand for tropical timber products. A reduction in forest available for supply due to expansion of protected forest area for provision of ecosystem services, particularly in the tropics, would reduce wood supply. Key drivers of these trends have been discussed earlier. Another important influence on forest product prices is changes in processing technology; conversion rates and manufacturing costs. An improvement in major producer country processing technology through higher conversion rates and lower manufacturing costs would lead to prices for tropical logs, sawnwood and plywood growing less, resulting in tropical product prices moving closer to those of softwoods (Figure 5. 2).

Fig. 5.2 Historical (1995-2005) and predicted (2006-2020) softwood, tropical hardwood and non-tropical hardwood log, sawnwood, and plywood prices



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Chinatimber, **www.chinatimber.org**
Chinawood.net (CWI), **www.chinawood.net**
Center for International Forestry Research, **www.cifor.cgiar.org**
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EU Indonesia FLEGT Support Project, **www.eu-flegt.org**
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Forest Industries Intelligence Ltd, **www.sustainablewood.com**
Forest Protection Portal, **http://forests.org**
Forest Trends, **www.forest-trends.org**
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Timber Trade Journal
Tropical Forest Update
USDA Foreign Agricultural Service GAIN Reports
Wood Based Panels International
Wood Furniture-International Market Review
Wood Markets

APPENDICES

SOURCES:

The 2008 Joint Forest Sector Questionnaire is the main source of the appendices. Other sources are indicated by the superscripts after the figures.

ITTO SUPERSCRIPTS

C	COMTRADE database.
CB	COMTRADE MIRROR STATISTICS from COMTRADE database.
F	FAOSTAT database.
R	Figure rounded down to zero.
I	ITTO estimate.
X	Repeated data.
*	Other unofficial data including country statistical reports, trade journals, ITTO project reports, USDA Foreign Agricultural Service reports.
G	Global Trade Atlas.
W	Adjustment from weight (usually metric tons) to volume assuming the following factors (unless different conversion factors are reported): coniferous logs – 1.43m^3/ton; non-coniferous tropical logs – 1.37m^3/ton; non-coniferous non-tropical logs – 1.25m^3/ton; coniferous sawnwood – 1.82m^3/ton; non-coniferous sawnwood – 1.43m^3/ton; veneer – 1.33m^3/ton; plywood – 1.54m^3/ton.
--	Data not available or impossible to calculate (i.e. divide by zero).

UNECE SUPERSCRIPTS

E1	Validated (Supplied by official national correspondent and approved by secretariat analyst).
E2	Official (From country, supplied by official national correspondent. Can be modified due to obvious errors [wrong units]).
E3	Estimated-analyst (An educated estimate made by secretariat based upon knowledge and non-official sources).
E4	Calculated, exclusively generated by Microsoft Access program for aggregates (both regional and product) and special calculations (e.g. consumption).
E5	Repeated.
E6	Not Publish but counted in totals.
E7	Provisional (a very rough estimate by Secretariat).
E8	Estimated-technical (an estimate based on technical validation rules to make the data fit).
E9	National estimate (unofficial data provided by official source).
TCF	Timber Committee Forecasts held in Geneva in October 2008.
ITCF	ITTO Secretariat estimates based on TCF.

APPENDIX 1

Production and Trade of Timber, 2005-2009

N.B. Domestic Consumption = Production + Imports - Exports.
Unit values may differ for equivalent volumes/values due to rounding.
Export values/prices are FOB; import values are CIF, unless otherwise stated.

Table 1-1-a. Production, Trade and Consumption of All Timber by ITTO Consumers (1000 m^3)

Country	Product	Species	Production 2005	Production 2006	Production 2007	Production 2008	Production 2009*	Imports 2005	Imports 2006	Imports 2007	Imports 2008	Imports 2009*
Asia-Pacific	**Logs**	**All**	**115376**	**127498**	**133981**	**144135**	**144046**	**49104**	**54360**	**52634**	**41382**	**39521**
		C	**69243**	**73853**	**74756**	**78357**	**78282**	**34536**	**39164**	**36518**	**28611**	**30039**
		NC	**46133**	**53645**	**59225**	**65778**	**65764**	**14568**	**15196**	**16116**	**12771**	**9482**
	Sawn	**All**	**44694**	**51458**	**53718**	**53131**	**53076**	**18310**	**18326**	**16968**	**16319**	**16247**
		C	**32147**	**34909**	**33960**	**33539**	**33486**	**12241**	**12690**	**11743**	**11761**	**11745**
		NC	**12547**	**16549**	**19759**	**19592**	**19591**	**6070**	**5636**	**5225**	**4558**	**4501**
	Ven	**All**	**4410**	**4365**	**4306**	**4046**	**3927**	**752**	**691**	**674**	**583**	**514**
		C	**2113**	**2142**	**2111**	**1865**	**1746**	**73**	**71**	**119**	**85**	**83**
		NC	**2296**	**2223**	**2195**	**2181**	**2181**	**679**	**620**	**556**	**498**	**431**
	Ply	**All**	**30325**	**32657**	**40820**	**40027**	**39992**	**7999**	**8395**	**7053**	**6110**	**6210**
		C	**19891**	**19304**	**24108**	**26744**	**26711**	**946**	**1033**	**1106**	**934**	**938**
		NC	**10434**	**13353**	**16712**	**13283**	**13281**	**7053**	**7362**	**5947**	**5176**	**5272**
Australia	Logs	All	26333	26735 F	27182 I	28461 I	28461 X	9 CB	2 I	6 CB	4 I	4 X
		C	14520	14379 F	14580 I	14913 I	14913 X	3 CB	2 CB	3 CB	4 CB	4 X
		NC	11813	12356 F	12602 I	13548 I	13548 X	6 CB	1 C	3 CB	1 C	1 X
	Sawn	All	4687	4784 F	5064 F	5372 I	5372 X	701 F	570 I	566	734 C	734 X
		C	3456	3596 F	3929 F	4263 I	4263 X	563 F	444	443	617 C	617 X
		NC	1231	1188 F	1135 F	1109 I	1109 X	138 F	126 F	123	117 C	117 X
	Ven	All	4	4	5	5 X	5 X	21	29	35	20 I	20 X
		C	2	2	2	2 X	2 X	10	16	18	10 CB	10 X
		NC	2	2	3	3 X	3 X	12	12	17	10 C	10 X
	Ply	All	156	145	130	134 I	118 I	194 F	226 C	209 I	223 C	223 X
		C	137	128	114	118 I	102 I	115	131 C	142 CB	145 C	145 X
		NC	19	17	16	16 X	16 X	79	95 C	67 C	79 C	79 X
China	Logs	All	50230 I	61120 I	64920 I	73573	73573 X	30087 I	35451 I	37100	29534	28054 G
		C	20730 *	24800 *	23250 *	26348 I	26348 X	18989 F	23016 CB	23238	18542	20297 G
		NC	29500 I	36320 I	41670 I	47225 I	47225 X	11098 C	12435 C	13862	10993	7757 G
	Sawn	All	17903 *	24865 *	28291 *	28410	28410 X	6680 I	6905 I	6503	7091	7040 I
		C	7710 *	10665 I	10700 *	10900 I	10900 X	2590 CB	2946 CB	2804	3645	3645 X
		NC	10193 I	14200 *	17590 I	17510 I	17510 X	4089 C	3959 C	3699	3446	3394 G
	Ven	All	3000 I	3000 I	3000 I	3000 X	3000 X	151	134	130	92	72 G
		C	1000 I	1000 I	1000 I	1000 X	1000 X	4	3	4	4	2 G
		NC	2000 I	2000 I	2000 I	2000 X	2000 X	147	130	126	88	71 G
	Ply	All	25150	27288	35616 *	35409	35409 X	589	460 I	304	294	294 X
		C	16681	15762	20587 I	23553	23553 X	209	141	85	52	52 X
		NC	8469	11526	15029 I	11856	11856 X	380	319 CB	219	242	242 X
(Hong Kong S.A.R.)	Logs	All	5 X	5 X	5 X	5 X	5 X	160 C	159 I	138 C	76 C	76 X
		C	0 X	0 X	0 X	0 X	0 X	13 C	8 C	18 C	5 C	5 X
		NC	5 X	5 X	5 X	5 X	5 X	147 CB	151 CB	120 C	72 C	72 X
	Sawn	All	25 X	15 I	15 X	15 X	15 X	544 C	454 C	395 C	298 I	298 X
		C	0 X	0 X	0 X	0 X	0 X	128 C	116 C	141 C	138 C	138 X
		NC	25 X	15 I	15 X	15 X	15 X	416 C	338 C	255 C	160 CB	160 X
	Ven	All	10 X	2 I	2 X	2 X	2 X	32 I	37 CB	32 CB	6 CB	6 X
		C	0 X	0 X	0 X	0 X	0 X	5 CB	4 CB	1 CB	0 CBR	0 RX
		NC	10 X	2 I	2 X	2 X	2 X	27 C	34 CB	31 CB	5 CB	5 X
	Ply	All	5 X	5 X	5 X	5 X	5 X	283 CB	312 CB	242 CB	223 CB	223 X
		C	0 X	0 X	0 X	0 X	0 X	78 CB	131 CB	140 CB	141 CB	141 X
		NC	5 X	5 X	5 X	5 X	5 X	205 CB	181 CB	102 CB	83 CB	83 X
(Macao S.A.R.)	Logs	All	1 X	1 X	1 X	1 X	1 X	0 RI	0 RI	0 RI	0 RI	0 RX
		C	0 X	0 X	0 X	0 X	0 X	0 C	0 C	0 C	0 C	0 X
		NC	1 X	1 X	1 X	1 X	1 X	0 CBR	0 CBR	0 CBR	0 CBR	0 RX
	Sawn	All	0 X	0 X	0 X	0 X	0 X	18 CB	18 CB	17 CB	10 CB	10 X
		C	0 X	0 X	0 X	0 X	0 X	14 CB	13 CB	12 CB	6 CB	6 X
		NC	0 X	0 X	0 X	0 X	0 X	4 CB	5 CB	5 CB	4 CB	4 X
	Ven	All	1 X	1 X	1 X	1 X	1 X	0 CBR	0 CR	0 CBR	0 CBR	0 RX
		C	0 X	0 X	0 X	0 X	0 X	0 CBR	0 C	0 CBR	0 CBR	0 RX
		NC	1 X	1 X	1 X	1 X	1 X	0 CBR	0 CR	0 CBR	0 CBR	0 RX
	Ply	All	0 X	0 X	0 X	0 X	0 X	11 I	18 CB	6 CB	11 CB	11 X
		C	0 X	0 X	0 X	0 X	0 X	0 C	2 CB	5 CB	4 CB	4 X
		NC	0 X	0 X	0 X	0 X	0 X	11 CB	16 CB	1 CB	6 CB	6 X
(Taiwan Province of China)	Logs	All	26 X	26 X	26 X	26 X	26 X	1191 C	830 CB	675 I	681 I	681 X
		C	17 X	17 X	17 X	17 X	17 X	159 C	205 CB	119 C	98 C	98 X
		NC	9 X	9 X	9 X	9 X	9 X	1033 C	625 CB	556 CB	583 CB	583 X
	Sawn	All	9 *	10 *	8 I	8 X	8 X	1142 C	1019 I	1113 C	1058 C	1058 X
		C	7 *	8 *	8 X	8 X	8 X	587 C	617 C	705 C	703 C	703 X
		NC	2 *	2 *	0 *	0 X	0 X	555 C	402 CB	408 C	355 C	355 X
	Ven	All	50 X	50 X	50 X	50 X	50 X	131 C	135 C	132 C	147 C	147 X
		C	0 X	0 X	0 X	0 X	0 X	3 C	6 C	6 C	1 C	1 X
		NC	50 X	50 X	50 X	50 X	50 X	128 C	129 C	126 C	146 C	146 X
	Ply	All	687 I	731 I	781 I	781 X	781 X	925 I	992 CB	836 C	790 I	790 X
		C	15 *	14 *	14 X	14 X	14 X	191 C	277 CB	286 C	253 CB	253 X
		NC	672 I	717 I	767 I	767 X	767 X	734 CB	716 CB	550 C	537 C	537 X
Japan	Logs	All	16166	16609	17650	17709	17620	10654	10582	8973	6228	5848
		C	13695	14017	15162	14975	14900	8977	9021	7748	5362	5035
		NC	2471	2592	2488	2734	2720	1677	1561	1225	866	813
	Sawn	All	12825	12554	11632	10884	10830	8395	8505	7354	6522	6509
		C	12517	12228	11411	10688	10635	7902	8060	6947	6208	6196
		NC	308	326	221	196	195	493	445	407	314	313
	Ven	All	60 X	60 X	60 X	60 X	60 X	109	95	76	66	68
		C	10 X	10 X	10 X	10 X	10 X	47	40	22	20	21
		NC	50 X	50 X	50 X	50 X	50 X	62	55	54	46	47
	Ply	All	3212	3314	3073	2586	2573	4733	5046	4064	3583	3683
		C	2249	2484	2424	2156	2145	294	241	246	140	144
		NC	963	830	649	430	428	4439	4805	3818	3443	3539

Exports					Domestic Consumption							
2005	2006	2007	2008	2009*	2005	2006	2007	2008	2009*	Species	Product	Country
6189	**6757**	**7196**	**7622**	**8642**	**158291**	**175101**	**179419**	**177894**	**174925**	**All**	**Logs**	
5926	**6485**	**6978**	**7514**	**8526**	**97853**	**106532**	**104296**	**99454**	**99796**	**C**		
263	**272**	**219**	**109**	**117**	**60438**	**68569**	**75123**	**78440**	**75130**	**NC**		
2941	**3335**	**3094**	**2904**	**2786**	**60062**	**66449**	**67592**	**66546**	**66537**	**All**	**Sawn**	
2426	**2714**	**2507**	**2305**	**2299**	**41962**	**44885**	**43195**	**42995**	**42932**	**C**		
516	**621**	**587**	**599**	**488**	**18101**	**21565**	**24396**	**23551**	**23604**	**NC**		**Asia-Pacific**
277	**326**	**321**	**308**	**273**	**4885**	**4730**	**4659**	**4321**	**4168**	**All**	**Ven**	
151	**165**	**155**	**157**	**155**	**2035**	**2049**	**2075**	**1794**	**1674**	**C**		
126	**161**	**166**	**151**	**118**	**2850**	**2682**	**2585**	**2527**	**2493**	**NC**		
5823	**8563**	**8889**	**7353**	**7363**	**32501**	**32490**	**38984**	**38784**	**38840**	**All**	**Ply**	
3583	**5803**	**6647**	**5630**	**5640**	**17254**	**14534**	**18567**	**22048**	**22010**	**C**		
2240	**2760**	**2242**	**1723**	**1723**	**15247**	**17955**	**20416**	**16736**	**16830**	**NC**		
922 CB	1062 C	1145 C	847 I	847 X	25420	25675	26043	27618	27618	All	Logs	Australia
756 CB	881 C	972 C	779 C	779 X	13767	13500	13611	14138	14138	C		
166 CB	182 C	173 C	68 CB	68 X	11653	12175	12432	13480	13480	NC		
346 C	397	368	265 CB	265 X	5042	4957	5262	5841	5841	All	Sawn	
247 C	320	318	182 CB	182 X	3772	3720	4054	4698	4698	C		
100 C	77	50	83 CB	83 X	1270	1237	1208	1143	1143	NC		
3	5 I	9 I	14 I	14 X	22	28	31	11	11	All	Ven	
2	1	6	3 C	3 X	9	17	15	9	9	C		
1	3 CB	3 CB	11 CB	11 X	13	11	17	2	2	NC		
9	20 I	17 I	14 CB	14 X	341	352	322	343	327	All	Ply	
3	15 CB	8 C	9 CB	9 X	249	244	248	254	238	C		
6 C	5 CI	9 CB	5 CB	5 X	92	108	74	90	90	NC		
79 I	25 I	4	3	11 G	80238	96547	102016	103105	101616	All	Logs	China
1	0 R	0 R	0 R	0 RG	39718	47816	46488	44890	46645	C		
78 CB	25 CB	4	3	11 G	40520	48731	55528	58215	54971	NC		
615	808	747	685	555 G	23967	30962	34047	34816	34895	All	Sawn	
271	340	282	216	198 G	10030	13271	13222	14329	14347	C		
345	468	465	469	357 G	13938	17691	20824	20487	20548	NC		
104	144	152	146	114 G	3048	2990	2978	2946	2958	All	Ven	
4	10	8	14	16 G	1001	993	997	990	986	C		
100	133	145	132	99 G	2047	1997	1981	1956	1972	NC		
5540	8243	8716	7185	7185 X	20199	19506	27204	28518	28518	All	Ply	
3382	5605	6547	5528	5528 X	13508	10298	14125	18077	18077	C		
2158	2637	2169	1657	1657 X	6691	9208	13079	10441	10441	NC		
9 I	16 I	9 I	9 I	9 X	157	148	134	72	72	All	Logs	(Hong Kong
1 C	2 C	6 C	2 C	2 X	12	6	12	2	2	C		S.A.R.)
7 CB	14 CB	3 CB	7 CB	7 I	145	142	122	70	70	NC		
80 I	84 I	86 I	61 I	61 X	489	385	324	253	253	All	Sawn	
66 C	63 C	79 C	57 C	57 X	62	53	62	81	81	C		
13 CB	21 CB	8 CB	4 CB	4 X	427	332	262	171	171	NC		
1 CB	2 CB	2 CB	1 CB	1 X	41	37	33	7	7	All	Ven	
0 CBR	0 CBR	1 CB	0 CBR	0 RX	5	3	0	0	0	C		
1 CB	2 CB	1 CB	1 CB	1 X	36	34	32	7	7	NC		
40 CB	83 I	24 I	28 CB	28 X	248	234	223	201	201	All	Ply	
11 CB	9 CB	7 CB	20 CB	20 X	67	122	133	121	121	C		
30 CB	74 C	17 CBI	8 CB	8 X	181	112	90	80	80	NC		
0 C	0 CR	0 CR	0 CR	0 RX	1	1	1	1	1	All	Logs	(Macao
0 C	0 C	0 C	0 C	0 X	0	0	0	0	0	C		S.A.R.)
0 C	0 CR	0 CR	0 CR	0 RX	1	1	1	1	1	NC		
0 CBR	0 CBR	0 CBR	1 I	1 X	18	17	17	9	9	All	Sawn	
0 CBR	0 CBR	0 CBR	0 CBR	0 RX	14	13	12	6	6	C		
0 CBR	0 CBR	0 CBR	1 C	1 X	4	5	5	3	3	NC		
0 C	0 CR	0 C	0 C	0 X	1	1	1	1	1	All	Ven	
0 C	0 C	0 C	0 C	0 X	0	0	0	0	0	C		
0 C	0 CR	0 C	0 C	0 I	1	1	1	1	1	NC		
1 CB	0 CBR	0 CBR	0 CBR	0 RX	11	18	6	11	11	All	Ply	
0 CBR	0 CBR	0 CBR	0 CBR	0 RX	-0	2	5	4	4	C		
1 CB	0 CBR	0 CBR	0 CBR	0 RX	11	16	1	6	6	NC		
14 C	52 C	41 C	31 C	31 X	1204	804	660	676	676	All	Logs	(Taiwan
5 C	2 C	4 C	3 C	3 X	171	220	133	113	113	C		Province of
9 C	50 C	38 C	28 C	28 X	1033	584	527	564	564	NC		China)
63 I	54 C	63 C	46 I	46 X	1088	975	1058	1020	1020	All	Sawn	
18 CB	12 C	11 C	12 C	12 X	576	613	703	699	699	C		
45 C	42 C	52 C	34 CB	34 X	512	362	355	321	321	NC		
21 CB	18 CB	15 CB	7 CB	7 X	161	167	167	190	190	All	Ven	
1 CB	1 CB	1 CB	1 CB	1 X	3	5	5	0	0	C		
20 CB	17 CB	14 CB	7 CB	7 X	158	161	162	190	190	NC		
36 I	35 C	38 C	46 C	46 X	1577	1688	1579	1525	1525	All	Ply	
12 CB	2 C	2 C	1 C	1 X	194	289	298	266	266	C		
24 C	33 C	36 C	45 C	45 X	1383	1399	1281	1259	1259	NC		
22 I	30 I	19	48	46	26798	27161	26604	23889	23423	All	Logs	Japan
22	30	18	47	45	22650	23008	22892	20290	19890	C		
0 CR	0 CR	1	1	1	4148	4153	3712	3599	3533	NC		
20	17	29	43	43	21200	21042	18957	17363	17296	All	Sawn	
13	12	25	39	39	20406	20276	18333	16857	16791	C		
7	5	4	4	4	794	766	624	506	504	NC		
2 I	1 I	1 I	1 I	1 I	167	154	135	125	127	All	Ven	
0 CR	0 CBR	0 CBR	0 CBR	0 RX	57	50	32	30	30	C		
2	1	1	1	1	110	104	103	95	96	NC		
10	12	13	10	10	7935	8348	7124	6159	6247	All	Ply	
2	7	8	7	7	2541	2718	2662	2289	2282	C		
8	5	5	3	3	5394	5630	4462	3870	3964	NC		

Table 1-1-a. Production, Trade and Consumption of All Timber by ITTO Consumers (1000 m^3)

Country	Product	Species	Production 2005	Production 2006	Production 2007	Production 2008	Production 2009*	Imports 2005	Imports 2006	Imports 2007	Imports 2008	Imports 2009*
Korea, Rep. of	Logs	All	2350	2444	2680	2702	2702	6998 I	7327 I	5738 I	4853	4853
		C	1595	1728	1895	1910	1910	6394 CB	6912 CB	5392	4600	4600
		NC	755	716	785	792	792	604 C	415	347 C	253	253
	Sawn	All	4366 F	4366 F	3798 I	3798 X	3798 X	775	804	966	564	564
		C	4200 F	4200 F	3654 I	3654 X	3654 X	424	466	664	421	421
		NC	166 F	166 F	144 I	144 X	144 X	351	338	302	143	143
	Ven	All	574 F	544	481	376	376	305	257	256	244 I	195
		C	430	465	431	340	340	3	2	66	49	49
		NC	144	79	50	36	36	302	255	190	195 C	146
	Ply	All	680	741	764	667	667	1242	1297	1359 I	953 I	953 I
		C	404	513	547	487	487	48	93	187 C	187 X	187 X
		NC	276	228	217	180	180	1194	1204	1172	765	765
Nepal	Logs	All	1260 F	1260 F	1260 F	1260 X	1260 X	2 I	3 I	0 RI	0 RI	0 RX
		C	0 F	0 F	0 F	0 X	0 X	0 FR	0 FR	0 C	0 CBR	0 RX
		NC	1260 F	1260 F	1260 F	1260 X	1260 X	1 I	2 I	0 CBR	0 C	0 X
	Sawn	All	630 F	630 F	630 F	630 X	630 X	2 F	2 F	0 C	0 C	0 X
		C	20 F	20 F	20 F	20 X	20 X	1 F	1 F	0 C	0 C	0 X
		NC	610 F	610 F	610 F	610 X	610 X	0 FR	0 FR	0 C	0 C	0 X
	Ven	All	39 X	39 X	39 X	39 X	39 X	1 CB	1 CB	2 CB	2 CB	2 X
		C	0 X	0 X	0 X	0 X	0 X	0 CBR	0 CBR	0 CBR	1 CB	1 X
		NC	39 X	39 X	39 X	39 X	39 X	1 CB	1 CB	2 CB	1 CB	1 X
	Ply	All	30 F	30 F	30 F	30 X	30 X	2 I	2 CB	3 I	3 I	3 X
		C	0 X	0 X	0 X	0 X	0 X	1 I	0 CBR	0 C	0 CBR	0 RX
		NC	30 X	30 X	30 X	30 X	30 X	0 CBR	1 CB	3 CB	3 I	3 X
New Zealand	Logs	All	19005 F	19298	20257	20398	20398 X	3	6	4	4	4
		C	18686 F	18912	19852	20194	20194 X	1	1	0	0	0
		NC	319 F	386	405	204	204 X	2	5	4	4	4
	Sawn	All	4249 F	4234	4280	4014	4014 X	54	50	52	42	34
		C	4238 F	4192	4237	4006	4006 X	30	26	26	22	19
		NC	11 F	42	43	7	7 X	23	24	26	20	15
	Ven	All	672 F	665	668	513	394	1 I	4 I	11	7	4
		C	671	665	668	513	394	0 R	0 CR	1	0	0
		NC	0	0	0	0	0	0 CR	4	10	7	4
	Ply	All	405 F	404	422	416	410	19	42 I	30	30	30
		C	405	404	422	416	410	9	16 C	14	12	12
		NC	0	0	0	0	0	10	26	16	18	18
ECE Regions	**Logs**	**All**	**940984**	**884136**	**897704**	**776753**	**613529**	**68242**	**64278**	**65353**	**56479**	**49672**
		C	**729032**	**675198**	**689175**	**582130**	**480443**	**41422**	**39550**	**40938**	**33858**	**29624**
		NC	**211952**	**208938**	**208529**	**194623**	**133086**	**26820**	**24728**	**24416**	**22621**	**20048**
	Sawn	**All**	**249201**	**247615**	**236733**	**205424**	**172212**	**88430**	**85045**	**82231**	**62865**	**50230**
		C	**213126**	**212044**	**202987**	**174919**	**144148**	**77727**	**75597**	**72170**	**54835**	**43559**
		NC	**36075**	**35571**	**33746**	**30505**	**28064**	**10702**	**9448**	**10062**	**8029**	**6671**
	Ven	**All**	**2616**	**2634**	**2332**	**2105**	**1907**	**1837**	**1811**	**1763**	**1448**	**1344**
		C	**1367**	**1318**	**1108**	**1003**	**819**	**529**	**517**	**396**	**279**	**276**
		NC	**1249**	**1316**	**1225**	**1102**	**1088**	**1309**	**1294**	**1368**	**1169**	**1068**
	Ply	**All**	**20419**	**19508**	**18771**	**15929**	**14855**	**12983**	**13643**	**12461**	**10516**	**9263**
		C	**16509**	**15642**	**14837**	**12592**	**11760**	**4960**	**4934**	**4290**	**4178**	**3521**
		NC	**3911**	**3866**	**3935**	**3337**	**3096**	**8023**	**8709**	**8171**	**6338**	**5742**
EU	**Logs**	**All**	**304757**	**275239**	**315218**	**275617**	**172352**	**55048**	**52753**	**55168**	**48292**	**41984**
		C	**251343**	**222050**	**261510**	**220993**	**144796**	**31545**	**30911**	**33187**	**27790**	**23590**
		NC	**53413**	**53189**	**53708**	**54624**	**27556**	**23503**	**21842**	**21981**	**20503**	**18393**
	Sawn	**All**	**88077**	**91945**	**95128**	**87239**	**74437**	**41258**	**41946**	**46830**	**37508**	**31749**
		C	**81670**	**85487**	**88498**	**81419**	**69477**	**34148**	**35275**	**39211**	**31564**	**26983**
		NC	**6408**	**6458**	**6630**	**5820**	**4959**	**7109**	**6670**	**7619**	**5944**	**4766**
	Ven	**All**	**1326**	**1330**	**1326**	**1200**	**1002**	**1017**	**1057**	**1081**	**965**	**837**
		C	**600**	**616**	**608**	**602**	**418**	**162**	**187**	**203**	**150**	**126**
		NC	**726**	**714**	**719**	**598**	**584**	**856**	**870**	**878**	**816**	**711**
	Ply	**All**	**3605**	**3601**	**3725**	**3318**	**2743**	**5911**	**6373**	**7061**	**6431**	**5351**
		C	**1769**	**1798**	**1705**	**1594**	**1229**	**2411**	**2506**	**2771**	**2697**	**2290**
		NC	**1836**	**1802**	**2019**	**1724**	**1515**	**3500**	**3867**	**4290**	**3734**	**3061**
Austria	Logs	All	12786 E4	14430 E4	16521 E4	16772 E4	10170 TCF	8629 E4	9102 E4	8722 E4	7550 E4	6138 I
		C	11846 E4	13514 E4	15570 E4	15722 E4	9800 TCF	7517 E2	7808 E2	7325 E2	6418 E2	5000 TCF
		NC	940 E4	916 E4	951 E4	1049 E4	370 TCF	1112 E2	1294 E2	1397 E2	1132 E2	1138 X
	Sawn	All	11074 E4	10507 E4	11816 E4	11990 E4	8470 TCF	1500 E4	1881 E4	1707 E4	1638 E4	1568 TCF
		C	10884 E2	10265 E2	11580 E2	11750 E2	8270 TCF	1286 E2	1641 E2	1446 E2	1420 E2	1378 TCF
		NC	190 E2	242 E2	236 E2	240 E2	200 TCF	214 E2	240 E2	261 E2	218 E2	190 TCF
	Ven	All	23 E4	43 E4	45 E4	40 E4	36 TCF	56 E4	61 E4	63 E4	50 E4	45 TCF
		C	23 E3	29 E3	31 E3	33 E3	30 ITCF	13 E2	20 E2	16 E2	12 E2	11 ITCF
		NC	0 E3	14 E3	14 E3	7 E3	6 ITCF	43 E2	41 E2	47 E2	38 E2	34 ITCF
	Ply	All	195 E4	178 E4	258 E4	268 E4	300 TCF	140 E4	140 E4	172 E4	133 E4	105 TCF
		C	195 E3	178 E2	126 E3	176 E3	195 TCF	54 E2	53 E2	67 E2	52 E2	41 ITCF
		NC	0 E3	0 E2	132 E3	92 E3	105 TCF	86 E2	87 E2	105 E2	81 E2	64 ITCF
Belgium	Logs	All	4300 E4	4405 E4	4275 E4	4000 E4	2420 TCF	3188 E4	3284 E4	4094 E4	3251 E4	3251 X
		C	3285 E4	3375 E4	3275 E4	3060 E4	1800 TCF	1048 E1	1435 E2	2397 E1	1718 E1	1718 X
		NC	1015 E4	1030 E4	1000 E4	940 E4	620 TCF	2140 E1	1849 E2	1697 E1	1533 E1	1533 X
	Sawn	All	1285 E4	1520 E4	1555 E4	1400 E4	1230 TCF	2467 E4	2213 E4	2861 E4	2612 E4	1695 TCF
		C	1075 E2	1300 E2	1325 E2	1200 E2	1050 TCF	1868 E1	1688 E2	2019 E1	1848 E1	1300 TCF
		NC	210 E2	220 E2	230 E2	200 E2	180 TCF	599 E1	525 E2	843 E1	764 E1	395 TCF
	Ven	All	38 E4	40 E4	40 E4	20 E4	25 TCF	27 E4	40 E4	45 E4	42 E4	30 TCF
		C	1 E2	1 E3	0 E2	5 E2	8 ITCF	2 E1	2 E3	10 E2	11 E2	8 ITCF
		NC	37 E2	39 E3	40 E2	15 E2	17 ITCF	25 E1	38 E3	35 E2	31 E2	22 ITCF
	Ply	All	20 E4	20 E4	20 E4	15 E4	10 TCF	521 E4	610 E4	672 E4	633 E4	505 TCF
		C	0 E1	0 E1	0 E2	0 E2	0 ITCF	189 E1	201 E3	265 E2	252 E2	197 ITCF
		NC	20 E2	20 E3	20 E2	15 E2	10 ITCF	332 E1	409 E3	407 E2	381 E2	308 ITCF

Exports					Domestic Consumption							
2005	2006	2007	2008	2009*	2005	2006	2007	2008	2009*	Species	Product	Country
0 RI	0 RI	0 R	1	1	9348	9771	8418	7555	7555	All	Logs	Korea, Rep.
0 CR	0 CBR	0 R	0 R	0 R	7989	8640	7287	6510	6510	C		of
0 CBR	0	0 R	1	1	1359	1131	1132	1044	1044	NC		
12	15	18	8	8	5129	5155	4747	4354	4354	All	Sawn	
9	11	15	7	7	4615	4655	4304	4068	4068	C		
3	4	4	1	1	514	500	443	286	286	NC		
1 I	1 I	0 R	0 R	0 R	878	800	736	619	571	All	Ven	
0 CR	0 CR	0 R	0 R	0 R	433	467	497	389	389	C		
1	1	0 R	0 R	0 R	445	333	239	230	182	NC		
15	12	5	2	2	1907	2026	2118	1618	1618	All	Ply	
3	9	4	1	1	449	597	731	674	674	C		
12	3	2	1	1	1458	1429	1387	944	944	NC		
0 CBR	1 I	0 I	0 I	0 X	1261	1262	1260	1260	1260	All	Logs	Nepal
0 CBR	0 C	0 CB	0 CB	0 X	0	0	0	0	0	C		
0 CBR	1 CB	0 I	0 X	0 X	1261	1262	1260	1260	1260	NC		
0 CBR	0 CBR	0 CBR	0 CB	0 X	632	631	630	630	630	All	Sawn	
0 CB	0 CBR	0 CBR	0 CB	0 X	21	21	20	20	20	C		
0 CBR	0 CBR	0 CB	0 CB	0 X	610	610	610	610	610	NC		
0 CB	0 CBR	0 CBR	1 CB	1 X	40	40	41	40	40	All	Ven	
0 CB	0 CBR	0 CBR	0 CBR	0 RX	0	0	0	0	0	C		
0 CB	0 CBR	0 CBR	0 CBR	0 RX	40	40	41	40	40	NC		
0 CBR	0 CBR	2 I	3 CB	3 X	32	32	31	30	30	All	Ply	
0 CBR	0 CBR	0 I	0 CBR	0 RX	1	0	0	0	0	C		
0 CBR	0 CBR	2 CB	3 CB	3 X	30	31	31	30	30	NC		
5143 F	5571 I	5978 I	6684	7698	13865	13733	14283	13718	12704	All	Logs	New Zealand
5141 F	5570	5978	6683	7697	13546	13343	13874	13511	12497	C		
2 F	1 F	0 CR	1	1	319	390	409	207	207	NC		
1805 F	1960	1781	1794	1807	2498	2324	2551	2262	2241	All	Sawn	
1802 F	1956	1777	1792	1804	2466	2262	2486	2236	2221	C		
3 F	4	4	2	3	32	62	65	25	19	NC		
144 F	155 I	141	138	135	528	514	538	382	263	All	Ven	
144	152	140	138	135	528	513	529	375	259	C		
0 R	3 CB	1	0	0	0	1	9	7	4	NC		
172 I	159 C	75	66 I	76 I	252	287	377	380	364	All	Ply	
170 C	156 C	71	64	74	244	264	365	364	348	C		
2	3 C	4	2 C	2 X	8	23	12	16	16	NC		
38271	**38120**	**38860**	**34895**	**26351**	**970954**	**910293**	**924198**	**798337**	**636851**	**All**	**Logs**	
29419	**29378**	**30195**	**26214**	**19605**	**741035**	**685369**	**699918**	**589774**	**490462**	**C**		
8852	**8742**	**8665**	**8681**	**6745**	**229920**	**224924**	**224280**	**208563**	**146389**	**NC**		
86146	**86551**	**81388**	**68311**	**54941**	**251484**	**246109**	**237576**	**199978**	**167501**	**All**	**Sawn**	
79359	**79736**	**74516**	**62638**	**50902**	**211494**	**207904**	**200642**	**167116**	**136805**	**C**		
6787	**6815**	**6872**	**5672**	**4039**	**39990**	**38205**	**36935**	**32862**	**30696**	**NC**		**ECE**
1914	**1839**	**1578**	**1306**	**1113**	**2540**	**2605**	**2517**	**2248**	**2138**	**All**	**Ven**	**Regions**
925	**854**	**591**	**449**	**372**	**971**	**981**	**912**	**833**	**722**	**C**		
989	**985**	**987**	**857**	**741**	**1569**	**1624**	**1606**	**1414**	**1416**	**NC**		
4745	**4848**	**4651**	**4383**	**3287**	**28657**	**28303**	**26581**	**22062**	**20831**	**All**	**Ply**	
2608	**2625**	**2385**	**2207**	**1658**	**18860**	**17951**	**16741**	**14563**	**13622**	**C**		
2137	**2223**	**2266**	**2176**	**1629**	**9797**	**10352**	**9840**	**7499**	**7208**	**NC**		
20924	**21375**	**23073**	**19805**	**12520**	**338881**	**306617**	**347313**	**304105**	**201816**	**All**	**Logs**	
15256	**15507**	**17240**	**14191**	**8418**	**267632**	**237454**	**277458**	**234592**	**159969**	**C**		
5668	**5868**	**5834**	**5614**	**4102**	**71249**	**69163**	**69855**	**69513**	**41847**	**NC**		
39919	**42235**	**43335**	**39527**	**32022**	**89416**	**91655**	**98623**	**85220**	**74164**	**All**	**Sawn**	
37522	**39652**	**40047**	**36595**	**30428**	**78296**	**81110**	**87662**	**76388**	**66033**	**C**		
2397	**2583**	**3288**	**2932**	**1595**	**11120**	**10545**	**10961**	**8832**	**8130**	**NC**		**EU**
480	**510**	**571**	**508**	**384**	**1863**	**1877**	**1836**	**1658**	**1454**	**All**	**Ven**	
156	**159**	**144**	**124**	**106**	**607**	**643**	**667**	**628**	**438**	**C**		
325	**351**	**427**	**383**	**278**	**1257**	**1234**	**1169**	**1030**	**1016**	**NC**		
3121	**3402**	**3238**	**3036**	**2265**	**6395**	**6571**	**7548**	**6713**	**5828**	**All**	**Ply**	
1614	**1736**	**1529**	**1433**	**1022**	**2565**	**2568**	**2948**	**2858**	**2497**	**C**		
1507	**1665**	**1709**	**1603**	**1244**	**3829**	**4003**	**4600**	**3855**	**3332**	**NC**		
836 E4	718 E4	876 E4	974 E4	350 TCF	20579	22814	24367	23348	15958	All	Logs	Austria
601 E2	544 E2	719 E2	849 E2	300 TCF	18762	20778	22176	21291	14500	C		
235 E2	174 E2	157 E2	125 E2	50 TCF	1817	2036	2191	2056	1458	NC		
7281 E4	6889 E4	7842 E4	7196 E4	5664 TCF	5293	5499	5681	6432	4374	All	Sawn	
7111 E2	6694 E2	7637 E2	7013 E2	5514 TCF	5059	5212	5389	6157	4134	C		
170 E2	195 E2	205 E2	184 E2	150 TCF	234	287	292	274	240	NC		
33 E4	36 E4	37 E4	28 E4	24 TCF	46	68	71	61	57	All	Ven	
4 E2	3 E2	3 E2	3 E2	2 ITCF	32	46	44	42	39	C		
29 E2	33 E2	34 E2	26 E2	22 ITCF	14	22	27	19	18	NC		
287 E4	311 E4	285 E4	141 E4	141 X	48	7	145	260	264	All	Ply	
226 E2	231 E2	121 E2	104 E2	104 X	23	0	72	123	132	C		
61 E2	80 E2	164 E2	37 C	37 X	25	7	73	137	132	NC		
1079 E4	1025 E4	814 E4	1026 E4	575 TCF	6409	6664	7555	6225	5096	All	Logs	Belgium
685 E1	565 E2	576 E1	514 E1	375 TCF	3648	4245	5096	4263	3143	C		
394 E1	460 E2	238 E1	512 E3	200 TCF	2761	2419	2459	1962	1953	NC		
1425 E4	1065 E4	2002 E4	1948 E4	925 TCF	2327	2668	2414	2064	2000	All	Sawn	
1057 E1	750 E2	1187 E1	1172 E1	725 TCF	1886	2238	2156	1876	1625	C		
368 E1	315 E2	815 E1	776 E1	200 TCF	441	430	258	188	375	NC		
13 E4	22 E4	32 E4	24 E4	26 TCF	52	58	53	38	28	All	Ven	
0 E1	0 E3	0 E2	0 E2	2 ITCF	3	3	10	16	13	C		
13 E1	22 E3	32 E2	24 E2	24 ITCF	49	55	43	22	15	NC		
423 E4	470 E4	386 E4	470 E4	400 TCF	118	160	306	178	115	All	Ply	
156 E1	156 E3	134 E2	184 E2	156 ITCF	33	45	131	68	41	C		
267 E1	314 E3	252 E2	286 E2	244 ITCF	85	115	175	110	74	NC		

Table 1-1-a. Production, Trade and Consumption of All Timber by ITTO Consumers (1000 m^3)

Country	Product	Species	Production 2005	2006	2007	2008	2009*	Imports 2005	2006	2007	2008	2009*
Denmark	Logs	All	1682 E4	1196 E4	1460 E4	1680 E4	530 TCF	506 I	395 E4	464 C	303 C	303 X
		C	1559 E4	1060 E4	1299 E4	1299 E4	450 TCF	245 E2	125 E2	335 C	202 C	202 X
		NC	122 E4	136 E4	161 E4	381 E4	80 TCF	261 C	270 E1	129 C	101 C	101 X
	Sawn	All	196 E4	300 E4	300 E4	300 E4	300 TCF	2201 E4	2186 E4	2623 C	1793 C	2201 TCF
		C	175 E5	250 E2	250 E2	250 E5	250 TCF	2025 E3	2038 E2	2430 C	1646 C	2025 TCF
		NC	21 E5	50 E2	50 E2	50 E5	50 TCF	176 E2	148 E2	193 C	147 C	176 TCF
	Ven	All	0 E4	2 E4	1 E4	0	0 TCF	24 I	20 E4	22 C	20 C	20 X
		C	0 E2	0 E3	0 E3	0 E5	0 X	8 E2	5 E2	4 C	3 C	3 X
		NC	0 E2	2 E2	1 E2	0 I	0 X	15 C	15 E2	19 C	17 C	17 X
	Ply	All	0 E4	1 I	5 E4	13 E4	13 X	371 E4	308 I	268 C	349 I	389 TCF
		C	0 E2	1 E2	0 E3	8 E3	8 X	226 E2	181 E2	194 C	236 C	315 ITCF
		NC	0 E2	0 I	5 E2	5 E5	5 X	146 E2	127 C	74 C	113 E1	74 ITCF
Finland	Logs	All	47116 E4	45521 E4	51406 E4	45965 E4	45965 X	16031 E4	14655 E4	12942 E4	13371 E4	13371 X
		C	40928 E4	39575 E4	44592 E4	38612 E4	38612 X	8411 E2	7140 E2	6187 E2	5818 E2	5818 X
		NC	6188 E4	5946 E4	6814 E4	7353 E4	7353 X	7620 E2	7515 E2	6755 E2	7553 E2	7553 X
	Sawn	All	12269 E4	12227 E4	12477 E4	9881 E4	7570 TCF	511 E4	578 E4	626 E4	468 E4	435 TCF
		C	12190 E2	12145 E2	12400 E2	9800 E2	7500 TCF	448 E2	515 E2	561 E2	423 E2	400 TCF
		NC	79 E2	82 E2	77 E2	81 E2	70 TCF	63 E2	63 E2	65 E2	46 E2	35 TCF
	Ven	All	79 E4	89 E4	66 E4	55 E4	60 TCF	11 E4	12 E4	14 E4	41 E4	23 TCF
		C	66 E5	78 E2	59 E3	51 E3	55 ITCF	0 RE2	0 RE2	0 RE2	1 E2	0 ITCF
		NC	13 E5	11 E2	7 E3	4 E3	5 ITCF	11 E2	12 E2	14 E2	40 E2	23 ITCF
	Ply	All	1305 E4	1415 E4	1410 E4	1265 E4	750 TCF	96 E4	107 E4	116 E4	122 E4	100 TCF
		C	785 E2	845 E2	869 E2	802 E2	472 ITCF	13 E2	22 E2	24 E2	31 E2	25 ITCF
		NC	520 E2	570 E2	541 E2	463 E2	278 ITCF	83 E2	85 E2	92 E2	90 E2	75 ITCF
France	Logs	All	28253 E4	28592 E4	29817 E4	27651 E4	17000 TCF	2344 E4	2601 E4	3181 E4	2346 E4	1500 TCF
		C	18205 E4	18973 E4	19634 E4	17967 E4	12000 TCF	1391 E2	1693 E2	2147 E9	1473 E9	900 TCF
		NC	10048 E4	9619 E4	10182 E4	9683 E4	5000 TCF	953 E2	908 E2	1034 E9	874 E9	600 TCF
	Sawn	All	9715 E4	9992 E4	9965 E4	9687 E4	9200 TCF	4023 E4	3995 E4	4630 E4	3992 E4	3830 TCF
		C	7748 E2	8050 E2	8073 E2	7962 E2	7600 TCF	3401 E2	3336 E2	4026 E9	3537 E9	3400 TCF
		NC	1967 E2	1943 E2	1893 E2	1725 E2	1600 TCF	622 E2	660 E2	604 E9	455 E9	430 TCF
	Ven	All	71 E4	76 E4	69 E4	63 E4	60 TCF	152 E4	160 E4	160 E4	124 E4	120 TCF
		C	21 E2	23 E2	21 E9	19 E9	18 ITCF	35 E2	34 E2	37 E9	29 E9	28 ITCF
		NC	50 E2	53 E2	48 E9	44 E9	42 ITCF	116 E2	125 E2	122 E9	95 E9	92 ITCF
	Ply	All	415 E4	431 E4	378 E4	360 E4	350 TCF	411 E4	445 E4	459 E4	503 E4	480 TCF
		C	109 E2	109 E2	101 E9	120 E9	116 ITCF	154 E2	150 E2	139 E9	140 E9	130 ITCF
		NC	306 E2	322 E2	277 E9	240 E9	234 ITCF	257 E2	295 E2	320 E9	363 E9	350 ITCF
Germany	Logs	All	50905 E4	54000 E4	68029 E4	46806 E4	32600 TCF	3005 E4	3669 E4	4692 E4	4130 E4	2300 TCF
		C	41837 E4	45213 E4	59159 E4	38277 E4	29000 TCF	2707 E2	3343 E2	4182 E2	3714 E2	2000 TCF
		NC	9068 E4	8787 E4	8870 E4	8529 E4	3600 TCF	298 E2	326 E2	510 E2	416 E2	300 TCF
	Sawn	All	21931 E4	24420 E4	25063 E4	23060 E4	19300 TCF	4878 E4	5307 E4	7116 E4	5862 E4	3400 TCF
		C	20803 E2	23242 E2	23922 E2	21966 E2	18500 TCF	4264 E2	4675 E2	6137 E2	5055 E2	3000 TCF
		NC	1128 E2	1178 E2	1141 E2	1094 E2	800 TCF	614 E2	632 E2	979 E2	807 E2	400 TCF
	Ven	All	392 E4	392 E4	395 E4	393 E4	200 TCF	168 E4	171 E4	256 E4	221 E4	140 TCF
		C	392 E5	392 E5	392 E2	390 E3	198 ITCF	20 E2	29 E2	30 E2	26 E2	15 ITCF
		NC	0 E5	0 E5	3 E3	3 E5	2 ITCF	148 E2	143 E2	226 E2	195 E2	125 ITCF
	Ply	All	236 E4	235 E4	229 E4	204 E4	160 TCF	1142 E4	1314 E4	1516 E4	1274 E4	880 TCF
		C	236 E3	235 E2	229 E3	204 E3	160 ITCF	399 E3	514 E2	516 E1	481 E1	326 ITCF
		NC	0 E3	0 E5	0 E5	0 E5	0 ITCF	744 E3	800 E2	1000 E1	793 E1	554 ITCF
Greece	Logs	All	519 E4	462 E4	948 E4	948 E4	756 TCF	282 E4	216 E4	170 E4	201 I	201 X
		C	329 E4	303 E4	801 E4	801 E4	634 TCF	117 E3	128 E8	86 E8	117 E5	117 X
		NC	189 E4	159 E4	147 E4	147 E4	122 TCF	165 E3	88 E1	84 E8	84 X	84 X
	Sawn	All	191 E4	108 E4	108 E4	108 E4	108 TCF	874 E4	898 E4	928 E4	928 E4	928 TCF
		C	74 E1	64 E1	64 E1	64 E5	64 TCF	705 E1	796 E1	820 E1	820 E5	820 TCF
		NC	117 E1	44 E1	44 E1	44 E5	44 TCF	170 E1	102 E1	109 E1	109 E5	109 TCF
	Ven	All	0 E4	0 E4	0 E4	0 E4	0 TCF	27 E4	24 E4	29 E4	29 E4	29 TCF
		C	0 E1	0 E1	0 E1	0 E5	0 ITCF	2 E1	2 E1	1 E1	1 E5	1 ITCF
		NC	0 E1	0 E1	0 E1	0 E5	0 ITCF	25 E1	23 E1	27 E1	27 E5	27 ITCF
	Ply	All	13 E4	21 E4	21 E4	21 E4	21 TCF	68 E4	82 E4	38 I	68 I	68 I
		C	0 E1	0 E1	0 E1	0 E5	0 ITCF	20 E1	22 E1	15 E1	15 E5	15 ITCF
		NC	13 E1	21 E1	21 E1	21 E5	21 ITCF	48 E1	59 E1	23 CB	53 C	53 X
Ireland	Logs	All	2629 E4	2655 E4	2678 E4	1972 E4	1152 TCF	233 E4	208 E4	264 E4	326 E4	288 I
		C	2625 E4	2649 E4	2671 E4	1971 E4	1150 TCF	211 E2	187 E2	214 E2	288 E2	250 TCF
		NC	4 E4	6 E4	7 E4	1 E4	2 TCF	21 E2	21 E2	50 E2	38 E2	38
	Sawn	All	1015 E4	1094 E4	1094 E4	697 E4	591 TCF	955 E4	995 E4	724 E4	412 E4	330 TCF
		C	1014 E2	1091 E2	1091 E2	696 E2	590 TCF	819 E2	869 E2	600 E2	346 E2	275 TCF
		NC	1 E2	3 E2	3 E2	1 E2	1 TCF	136 E2	127 E2	124 E2	65 E2	55 TCF
	Ven	All	0 E4	0 E4	1 E4	0 E4	0 TCF	9 E4	11 E4	17 E4	9 E4	9
		C	0 E2	0 E2	0 E2	0 E2	0 TCF	4 E2	3 E2	10 E2	3 E2	3
		NC	0 E2	0 E2	1 E3	0 E2	0 TCF	6 E1	8 E2	7 E2	5 E2	5
	Ply	All	0 E4	0 E4	0 E4	0 E4	0 TCF	150 E4	150 E4	261 I	171 I	171 I
		C	0 E2	0 E2	0 E2	0 E2	0 TCF	77 E2	85 E2	97 C	67 C	67 X
		NC	0 E2	0 E2	0 E2	0 E2	0 TCF	74 E2	65 E2	164 E2	104 E2	104
Italy	Logs	All	3017 E4	3013 E4	2991 E4	2650 E4	1050 TCF	4755 E4	4486 E4	4299 E4	3478 E4	3478 X
		C	1221 E4	1341 E4	1440 E4	1221 E4	500 TCF	2363 E2	2291 E2	1946 E2	1752 E2	1752 X
		NC	1796 E4	1672 E4	1551 E4	1428 E4	550 TCF	2392 E2	2195 E2	2353 E2	1726 E2	1726 X
	Sawn	All	1590 E4	1748 E4	1700 E4	1384 E4	1250 TCF	7727 E4	7863 E4	8031 E4	6733 E4	6400 TCF
		C	790 E2	948 E2	900 E2	684 E2	650 TCF	6178 E2	6409 E2	6438 E2	5560 E2	5300 TCF
		NC	800 E2	800 E2	800 E2	700 E2	600 TCF	1550 E2	1453 E2	1593 E2	1173 E2	1100 TCF
	Ven	All	470 E4	470 E4	470 E4	400 E4	350 TCF	182 E4	189 E4	182 I	165 I	200 TCF
		C	10 E2	10 E2	10 E2	9 E2	7 ITCF	7 E2	7 E2	8 E2	5 E2	2 ITCF
		NC	460 E2	460 E2	460 E2	391 E2	343 ITCF	175 E2	182 E2	174 C	160 C	198 ITCF
	Ply	All	390 E4	334 E4	420 E4	421 E4	400 TCF	532 E4	575 E4	588 E4	530 E4	500 TCF
		C	10 E2	21 E2	8 E2	9 E2	8 ITCF	226 E2	254 E2	207 E2	264 E2	245 ITCF
		NC	380 E2	313 E2	412 E2	412 E2	392 ITCF	306 E2	321 E2	381 E2	266 E2	255 ITCF

Exports					Domestic Consumption							
2005	2006	2007	2008	2009*	2005	2006	2007	2008	2009*	Species	Product	Country
645 E4	698 I	997 I	520 I	520 X	1542	893	927	1462	312	All	Logs	Denmark
550 E2	541 C	854 E2	410 E1	410 X	1254	643	780	1091	242	C		
94 E2	157 E2	143 CB	111 CB	111 X	289	249	147	371	70	NC		
143 E4	208 I	160 I	317 I	143 TCF	2253	2278	2763	1776	2357	All	Sawn	
89 E3	74 C	127 C	142 C	89 TCF	2111	2214	2553	1753	2186	C		
55 E2	134 E2	33 E2	174 E1	55 TCF	142	64	210	23	171	NC		
6 E4	20 E4	3 E4	3 I	6 TCF	17	2	20	17	14	All	Ven	
1 E2	3 E2	0 RE2	0 RE1	0 ITCF	7	2	4	3	3	C		
5 E2	17 E2	3 E2	3 C	6 ITCF	10	1	16	14	11	NC		
72 E4	47 C	30 I	48 I	103 TCF	299	262	243	314	299	All	Ply	
47 E2	33 C	23 C	32 E1	46 ITCF	178	149	171	212	277	C		
25 C	14 C	7 E2	16 C	57 ITCF	121	113	72	102	22	NC		
748 E4	709 E4	647 E4	710 E4	260 I	62399	59468	63701	58626	59076	All	Logs	Finland
708 E2	668 E2	606 E2	664 E2	215 TCF	48631	46048	50173	43765	44215	C		
40 E2	41 E2	41 E2	45 E2	45 X	13768	13420	13528	14861	14861	NC		
7663 E4	7728 E4	7081 E4	5992 E4	5007 TCF	5117	5077	6023	4357	2998	All	Sawn	
7649 E2	7712 E2	7066 E2	5981 E2	5000 TCF	4990	4948	5896	4242	2900	C		
15 E2	15 E2	15 E2	11 E2	7 TCF	127	129	128	115	98	NC		
71 E4	78 E4	73 E4	62 E4	40 TCF	19	24	7	34	43	All	Ven	
55 E2	62 E2	59 E2	52 E2	33 ITCF	11	17	0	0	22	C		
16 E2	16 E2	14 E2	11 E2	7 ITCF	9	7	7	33	21	NC		
1173 E4	1250 E4	1229 E4	1083 E4	600 TCF	228	272	297	304	250	All	Ply	
676 E2	727 E2	664 E2	633 E2	348 ITCF	123	140	229	200	149	C		
497 E2	523 E2	565 E2	450 E2	252 ITCF	105	132	68	104	101	NC		
3862 E4	3695 E4	3966 E4	3505 E4	1850 TCF	26735	27498	29032	26492	16650	All	Logs	France
2138 E2	2047 E2	2148 E9	1923 E9	950 TCF	17458	18619	19634	17517	11950	C		
1723 E2	1648 E2	1818 E9	1583 E9	900 TCF	9278	8879	9399	8974	4700	NC		
1469 E4	1561 E4	1452 E4	1194 E4	1130 TCF	12269	12427	13144	12485	11900	All	Sawn	
973 E2	968 E2	933 E9	747 E9	700 TCF	10176	10418	11166	10753	10300	C		
496 E2	593 E2	519 E9	448 E9	430 TCF	2093	2009	1978	1732	1600	NC		
37 E4	37 E4	33 E4	27 E4	25 TCF	186	199	195	160	155	All	Ven	
4 E2	3 E2	4 E9	3 E9	3 ITCF	53	54	54	45	43	C		
33 E2	34 E2	30 E9	24 E9	22 ITCF	133	145	140	115	112	NC		
196 E4	225 E4	227 E4	223 E4	220 TCF	629	651	610	640	610	All	Ply	
86 E2	82 E2	92 E9	91 E9	88 ITCF	176	177	148	169	158	C		
110 E2	143 E2	136 E9	132 E9	132 ITCF	453	474	462	471	452	NC		
6819 E4	7557 E4	7674 E4	6712 E4	4900 TCF	47091	50113	65047	44224	30000	All	Logs	Germany
5175 E2	5867 E2	6117 E2	5483 E2	4000 TCF	39369	42689	57224	36508	27000	C		
1644 E2	1690 E2	1557 E2	1229 E2	900 TCF	7722	7423	7823	7716	3000	NC		
7391 E4	8789 E4	10359 E4	8581 E4	4800 TCF	19418	20938	21820	20341	17900	All	Sawn	
6624 E2	7973 E2	9318 E2	7757 E2	4500 TCF	18443	19944	20741	19264	17000	C		
767 E2	816 E2	1041 E2	824 E2	300 TCF	975	994	1079	1077	900	NC		
118 E4	116 E4	173 I	161 E4	100 TCF	442	448	478	453	240	All	Ven	
1 E2	1 E2	1 C	1 E2	1 ITCF	411	420	421	415	212	C		
117 E2	115 E2	172 E2	160 E2	99 ITCF	31	28	57	38	28	NC		
287 E4	321 E4	368 E4	320 E4	190 TCF	1091	1228	1377	1159	850	All	Ply	
140 E3	166 E2	139 E1	115 E1	67 ITCF	495	583	606	571	419	C		
147 E3	155 E2	229 E1	206 E1	123 ITCF	596	645	771	588	431	NC		
0 RE4	4 C	9 I	10 I	10 X	800	674	1109	1139	947	All	Logs	Greece
0 RE1	3 C	2 CB	0 RE5	0 RX	446	427	885	918	751	C		
0 RE1	1 C	7 E1	10 C	10 X	354	247	224	221	196	NC		
13 E4	9 E4	14 E4	11 E4	14 TCF	1052	997	1023	1025	1023	All	Sawn	
5 E1	4 E1	5 E1	3	5 TCF	774	856	878	881	878	C		
8 E1	5 E1	9 E1	9 E5	9 TCF	278	141	144	144	144	NC		
1 E4	1 I	2 E4	2 E4	2 TCF	26	23	26	26	26	All	Ven	
0 RE1	0 CBR	0 RE1	0 RE5	0 ITCF	2	1	1	1	1	C		
1 E1	1 E1	2 E1	2 E5	2 ITCF	24	22	25	25	25	NC		
11 E4	13 E4	18 I	16 I	3 TCF	70	90	41	73	86	All	Ply	
2 E1	1 E1	2 E1	3	2 ITCF	18	21	13	12	13	C		
10 E1	11 E1	16 CB	13 C	1 ITCF	52	69	28	61	73	NC		
338 E4	308 E4	308 E4	258 E4	225 TCF	2524	2555	2634	2040	1215	All	Logs	Ireland
338 E2	308 E2	295 E2	247 E2	225 TCF	2499	2528	2590	2012	1175	C		
0 RE2	0 RE2	13 E2	11 E2	0 TCF	25	27	44	28	40	NC		
447 E4	393 E4	381 E4	389 E4	392 TCF	1523	1697	1437	720	529	All	Sawn	
444 E2	390 E2	378 E2	387 E2	390 TCF	1389	1569	1313	655	475	C		
3 E2	2 E2	3 E2	2 E2	2 TCF	134	127	124	65	54	NC		
0 CR	1 E4	0 RE4	0 RE4	0 TCF	9	10	18	8	9	All	Ven	
0 CR	0 RE2	0 RE3	0 RE2	0 ITCF	3	3	10	3	3	C		
0 CR	1 E2	0 RE3	0 RE2	0 ITCF	5	7	8	5	5	NC		
2 E4	1 I	1 C	0 CR	0 TCF	149	149	260	171	171	All	Ply	
1 E2	1 E2	0 CR	0 CR	0 ITCF	76	84	97	67	67	C		
1 E2	0 CR	0 CR	0 CR	0 ITCF	73	64	164	103	104	NC		
14 E4	14 E4	30 E4	33 E4	33 X	7758	7485	7260	6094	4495	All	Logs	Italy
3 E2	6 E2	20 C	23 E2	23 X	3581	3626	3366	2951	2229	C		
11 E2	9 E2	11 E2	11 E2	11 X	4177	3859	3894	3144	2265	NC		
161 E4	169 E4	287 I	243 E4	220 TCF	9156	9442	9444	7874	7430	All	Sawn	
50 E2	62 E2	150 E2	127 E2	110 TCF	6918	7296	7188	6117	5840	C		
111 E2	107 E2	136 C	116 E2	110 TCF	2239	2147	2257	1757	1590	NC		
30 E4	36 E4	70 I	54 I	30 TCF	622	623	582	510	521	All	Ven	
2 E2	2 E2	5 C	2 E2	2 ITCF	15	15	13	12	8	C		
28 E2	34 E2	64 E2	52 CB	28 ITCF	607	608	569	499	513	NC		
183 I	239 E4	162 I	184 E4	170 TCF	739	671	846	767	730	All	Ply	
77 C	90 E2	31 E2	24 E2	22 ITCF	159	184	184	249	231	C		
106 E2	148 E2	131 C	160 E2	148 ITCF	580	486	662	518	499	NC		

Table 1-1-a. Production, Trade and Consumption of All Timber by ITTO Consumers (1000 m^3)

Country	Product	Species	Production 2005	Production 2006	Production 2007	Production 2008	Production 2009*	Imports 2005	Imports 2006	Imports 2007	Imports 2008	Imports 2009*
Luxembourg	Logs	All	237 E4	255 E4	270 E4	332 E4	170 TCF	406 E4	678 E4	1038 E4	462 E4	462 X
		C	120 E4	132 E4	97 E4	97 E4	110 TCF	313 E1	544 E1	804 E1	353 E1	353 X
		NC	117 E4	123 E4	173 E4	235 E4	60 TCF	93 E1	134 E1	234 E1	109 E1	109 X
	Sawn	All	133 E4	133 E4	133 X	133 X	133 X	58 E4	112 E4	148 E4	135 E4	67 TCF
		C	113 E5	113 E5	113 X	113 X	113 X	44 E1	92 E1	125 E1	117 E1	41 TCF
		NC	20 E5	20 E5	20 X	20 X	20 X	14 E1	21 E3	23 E3	18 E3	25 TCF
	Ven	All	0 E4	0 E4	0 E4	0 E4	0 TCF	0 RE4	0 RI	0 RE4	0 RE4	0 RX
		C	0 E5	0 E5	0 E2	0 E2	0 ITCF	0 RE1	0 CR	0 RE3	0 RE3	0 RX
		NC	0 E5	0 E5	0 E2	0 E2	0 ITCF	0 RE1	0 CBR	0 RE3	0 RE3	0 RX
	Ply	All	0 E4	0 E4	0 E4	0 E4	0 TCF	11 E4	11 E4	9 E4	11 E4	11 X
		C	0 E5	0 E5	0 E2	0 E2	0 ITCF	4 E1	3 E8	2 E3	2 E3	2 X
		NC	0 E5	0 E5	0 E2	0 E2	0 ITCF	7 E1	8 E8	7 E3	9 E3	9 X
Netherlands	Logs	All	820 E4	817 E4	732 E4	828 E4	390 TCF	316 E4	390 E4	467 E4	353 E4	225 TCF
		C	607 E4	600 E4	515 E4	570 E4	300 TCF	221 E2	323 E2	407 E2	308 E2	200 TCF
		NC	213 E4	217 E4	217 E4	258 E4	90 TCF	95 E2	67 E2	60 E2	45 E2	25 TCF
	Sawn	All	279 E4	265 E4	273 E4	243 E4	231 TCF	3100 E4	3399 E4	3434 E4	3101 E4	2825 TCF
		C	176 E2	180 E2	184 E2	159 E2	150 TCF	2481 E2	2751 E2	2794 E2	2498 E2	2273 TCF
		NC	103 E2	86 E2	89 E2	84 E2	81 TCF	619 E2	648 E2	641 E2	602 E2	552 TCF
	Ven	All	0 E4	0 E4	0 E4	0 E4	0 TCF	27 E4	36 E4	38 E4	35 E4	32 TCF
		C	0 E2	0 E2	0 E2	0 E2	0 TCF	8 E2	10 E2	14 E2	14 E2	14
		NC	0 E2	0 E2	0 E2	0 E2	0 TCF	19 E2	26 E2	24 E2	22 E2	18
	Ply	All	0 E4	0 E4	0 E4	0 E4	0 TCF	526 E4	603 E4	608 E4	635 E4	445 TCF
		C	0 E2	0 E2	0 E2	0 E2	0 TCF	199 E2	230 E2	247 E2	291 E2	204
		NC	0 E2	0 E2	0 E2	0 E2	0 TCF	327 E2	373 E2	361 E2	344 E2	241
Poland	Logs	All	28531 E4	28767 E4	32461 E4	30470 E4	14450 TCF	2009 E4	1814 E4	2088 E4	1868 E4	1920
		C	21357 E4	21656 E4	25480 E4	23571 E4	11800 TCF	887 E2	710 E2	1020 E2	709 E2	620
		NC	7174 E4	7111 E4	6981 E4	6899 E4	2650 TCF	1122 E2	1104 E2	1069 E2	1159 E2	1300
	Sawn	All	3360 E4	3607 E4	4417 E4	3786 E4	3810 TCF	669 E4	541 E4	805 E4	918 E4	1090 TCF
		C	2813 E2	3018 E2	3770 E2	3299 E2	3300 TCF	372 E2	255 E2	456 E2	589 E2	700 TCF
		NC	547 E2	589 E2	647 E2	487 E2	510 TCF	297 E2	286 E2	348 E2	329 E2	390 TCF
	Ven	All	110 E4	72 E4	89 E4	82 E4	80 TCF	35 E4	31 E4	40 E4	39 E4	40 TCF
		C	17 E9	13 E2	16 E9	18 E9	17 ITCF	4 E2	5 E2	8 E2	5 E2	7
		NC	93 E9	60 E2	73 E9	64 E9	63 ITCF	31 E2	26 E2	32 E2	34 E2	33
	Ply	All	361 E4	385 E4	440 E4	395 E4	400 TCF	119 E4	116 E4	162 E4	157 E4	160 TCF
		C	66 E9	85 E2	97 E9	95 E9	96 ITCF	13 E2	11 E2	50 E2	34 E2	30
		NC	295 E9	300 E2	343 E9	300 E9	304 ITCF	106 E2	105 E2	112 E2	123 E2	130
Portugal	Logs	All	10146 E4	10205 E4	10223 E4	10266 E4	7999 I	362 E4	335 E4	746 E4	521 E4	521
		C	3268 E4	3501 E4	3637 E4	2935 E4	2200 TCF	92 E2	58 E2	172 E2	178 E2	178
		NC	6878 E4	6704 E4	6586 E4	7331 E4	5799	270 E2	277 E2	574 E2	343 E2	343
	Sawn	All	1010 E4	1010 E4	1011 E4	1010 E4	1053 TCF	333 E4	258 E4	302 E4	203 E4	203
		C	909 E2	909 E2	910 E2	909 E2	850 TCF	110 E2	56 E2	68 E2	38 E2	38
		NC	101 E2	101 E2	101 E2	101 E2	203 TCF	223 E2	202 E2	234 E2	165 E2	165
	Ven	All	30 E4	30 E4	29 E4	28 E4	31 TCF	48 E4	57 E4	47 I	41 E4	50 TCF
		C	25 E2	25 E2	26 E2	22 E2	24 ITCF	5 E2	8 E2	7 E2	8 E2	10 ITCF
		NC	5 E2	5 E2	3 E2	6 E2	7 ITCF	43 E2	49 E2	40 C	33 E2	40 ITCF
	Ply	All	21 E4	21 E4	22 E4	31 E4	20 TCF	52 E4	61 E4	70 I	62 E4	62 TCF
		C	5 E2	5 E2	4 E2	6 E2	4 ITCF	20 E2	26 E2	29 E2	21 E2	21
		NC	16 E2	16 E2	18 E2	25 E3	16 ITCF	32 E2	35 E2	41 C	42 E2	42
Spain	Logs	All	13351 E4	14109 E4	12546 E4	14325 E4	4500 TCF	3640 E4	3841 E4	3965 E4	2860 E4	772 TCF
		C	8191 E4	7710 E4	6612 E4	7240 E4	3500 TCF	1440 E2	1643 E2	1812 E2	944 E2	684 TCF
		NC	5160 E4	6399 E4	5934 E4	7084 E4	1000 TCF	2200 E2	2198 E2	2153 E2	1916 E2	88 TCF
	Sawn	All	3660 E4	3806 E4	3332 E4	3142 E4	2450 TCF	3391 E4	3373 E4	4015 E4	2446 E4	1398 TCF
		C	2750 E2	2860 E2	2180 E2	2295 E2	2000 TCF	2392 E2	2543 E2	3079 E2	1909 E2	1094 TCF
		NC	910 E2	946 E2	1152 E2	847 E2	450 TCF	999 E2	830 E2	936 E2	537 E2	304 TCF
	Ven	All	58 E4	60 E4	79 E4	73 E4	120 TCF	156 E4	161 E4	115 E4	108 E4	58 TCF
		C	0 E2	0 E2	19 E2	18 E2	29 ITCF	39 E2	35 E2	33 E2	17 E2	9 ITCF
		NC	58 E2	60 E2	60 E2	56 E2	91 ITCF	117 E2	126 E2	82 E2	90 E2	49 ITCF
	Ply	All	557 E4	468 E4	450 E4	250 E4	250 X	126 E4	157 E4	258 E4	101 E4	50 TCF
		C	271 E2	228 E2	200 E2	100 E2	100 X	29 E2	39 E2	74 E2	40 E2	20 ITCF
		NC	286 E2	240 E2	250 E2	150 E2	150 X	97 E2	118 E2	184 E2	61 E2	30 ITCF
Sweden	Logs	All	92300 E4	58700 E4	72300 E4	63100 E4	28100 TCF	8686 E4	6664 E4	7364 E4	6781 E4	6781 X
		C	88100 E4	54500 E4	68290 E4	59910 E4	27900 TCF	4019 E2	3158 E2	3569 E2	3377 E2	3377 X
		NC	4200 E4	4200 E4	4010 E4	3190 E4	200 TCF	4667 E2	3506 E2	3795 E2	3404 E2	3404 X
	Sawn	All	17600 E4	18300 E4	18738 E4	17601 E4	15900 TCF	348 E4	384 E4	409 E4	381 E4	310 TCF
		C	17440 E2	18190 E2	18637 E2	17500 E2	15800 TCF	193 E2	211 E2	265 E2	271 E2	200 TCF
		NC	160 E2	110 E2	101 E2	101 E2	100 TCF	155 E2	173 E2	144 E2	110 E2	110 TCF
	Ven	All	55 E4	55 E4	43 E4	47 E4	40 TCF	25 E4	25 E4	21 E4	13 E4	12 TCF
		C	45 E3	45 E2	35 E3	38 E3	32 ITCF	9 E2	10 E2	7 E2	1 E2	1 ITCF
		NC	10 E5	10 E2	8 E3	9 E3	8 ITCF	16 E2	15 E2	14 E2	12 E2	11 ITCF
	Ply	All	92 E4	92 E4	72 E4	75 E4	70 TCF	189 E4	197 E4	240 E4	192 E4	185 TCF
		C	92 E3	92 E5	72 E3	75 E3	70 ITCF	113 E2	115 E2	140 E2	125 E2	120 ITCF
		NC	0 E2	0 E2	0 E3	0 E3	0 ITCF	76 E2	82 E2	100 E2	67 E2	65 ITCF
U.K.	Logs	All	8165 E4	8113 E4	8562 E4	7853 E4	5100 TCF	657 E4	415 E4	671 E4	491 E4	472 I
		C	7864 E4	7949 E4	8439 E4	7738 E4	5040 TCF	564 E2	325 E2	584 E2	422 E2	422 X
		NC	301 E4	164 E4	123 E4	115 E4	60 TCF	93 E2	90 E2	87 E2	69 E2	50 TCF
	Sawn	All	2770 E4	2907 E4	3145 E4	2818 E4	2840 TCF	8223 E4	7963 E4	8469 E4	5886 E4	5070 TCF
		C	2716 E2	2862 E2	3100 E2	2772 E2	2790 TCF	7563 E2	7401 E2	7946 E2	5487 E2	4740 TCF
		NC	53 E2	45 E2	45 E2	46 E2	50 TCF	660 E2	562 E2	523 E2	399 E2	330 TCF
	Ven	All	0 E4	0 E4	0 E4	0 E4	0 TCF	69 E4	57 E4	33 E4	30 E4	30 TCF
		C	0 E2	0 E2	0 E2	0 E2	0 X	5 E2	17 E2	17 E2	14 E2	14 ITCF
		NC	0 E2	0 E2	0 E2	0 E2	0 X	64 E2	41 E2	16 E2	16 E2	16 ITCF
	Ply	All	0 E4	0 E4	0 E4	0 E4	0 TCF	1456 E4	1497 E4	1624 E4	1490 E4	1240 TCF
		C	0 E2	0 E2	0 E2	0 E2	0 X	676 E2	600 E2	706 E2	648 E2	533 ITCF
		NC	0 E2	0 E2	0 E2	0 E2	0 X	781 E2	897 E2	918 E2	843 E2	707 ITCF

Exports					Domestic Consumption							
2005	2006	2007	2008	2009*	2005	2006	2007	2008	2009*	Species	Product	Country
292 E4	371 E4	299 E4	313 I	313 X	350	562	1010	482	320	All	Logs	Luxembourg
264 E1	320 E1	257 E1	200 E1	200 X	169	356	644	249	263	C		
28 E1	51 E1	41 E1	112 CB	112 X	182	206	366	232	57	NC		
55 E4	57 E4	67 E4	89 E4	89 I	136	189	215	179	111	All	Sawn	
50 E1	40 E1	41 E1	68 E1	68 TCF	107	165	198	162	86	C		
5 E1	17 E8	25 E1	21 E8	21 X	29	24	17	17	25	NC		
0 RI	0 RI	0 RI	0 RI	0 RX	0	0	0	0	0	All	Ven	
0 CBR	0 CBR	0 I	0 CBR	0 RX	0	0	0	0	0	C		
0 CR	0 CR	0 CR	0 I	0 X	0	0	0	0	0	NC		
0 RE4	8 E4	5 I	4 I	4 X	11	3	4	6	6	All	Ply	
0 RE1	2 E2	0 I	0 CR	0 RX	4	1	2	2	2	C		
0 RE1	6 E2	5 CB	4 CB	4 X	7	2	2	4	4	NC		
461 E4	570 E4	661 E4	489 E4	270 TCF	675	636	538	693	345	All	Logs	Netherlands
341 E2	448 E2	563 E2	392 E2	250 TCF	486	474	359	486	250	C		
120 E2	122 E5	98 E2	97 E2	20 TCF	189	162	179	206	95	NC		
488 E4	555 E4	601 E4	423 E4	388 TCF	2891	3109	3107	2921	2668	All	Sawn	
361 E2	418 E2	452 E2	289 E2	269 TCF	2296	2513	2525	2368	2154	C		
127 E2	137 E2	149 E2	133 E2	119 TCF	594	597	582	553	514	NC		
6 E4	6 E4	7 E4	9 E4	8 TCF	21	30	31	27	24	All	Ven	
1 E2	2 E2	2 E2	2 E2	3	7	8	12	12	11	C		
5 E2	4 E2	6 E2	7 E2	5	14	22	18	15	13	NC		
40 E4	60 E4	55 E4	51 E4	50 TCF	486	543	553	584	395	All	Ply	
6 E2	11 E2	11 E2	13 E2	13	193	219	236	278	191	C		
34 E2	49 E2	45 E2	38 E2	37	293	324	317	306	204	NC		
558 E4	412 E4	336 E4	369 E4	240 TCF	29982	30169	34213	31969	16130	All	Logs	Portugal
506 E2	359 E2	267 E2	280 E2	160 TCF	21738	22006	26232	24000	12260	C		
53 E2	53 E2	69 E2	89 E2	80 TCF	8244	8163	7981	7969	3870	NC		
656 E4	604 E4	625 E4	481 E4	540 TCF	3373	3544	4597	4222	4360	All	Sawn	
479 E2	457 E2	495 E2	358 E2	420 TCF	2706	2816	3731	3529	3580	C		
177 E2	146 E2	130 E2	123 E2	120 TCF	666	729	865	693	780	NC		
24 E4	23 E4	26 E4	25 E4	25 TCF	121	80	103	96	95	All	Ven	
2 E2	1 E2	3 E2	4 E2	4	19	16	21	19	20	C		
22 E2	22 E2	23 E2	21 E2	21	102	64	82	77	75	NC		
177 E4	137 E4	148 E4	133 E4	130 TCF	304	365	454	419	430	All	Ply	
45 E2	42 E2	69 E2	53 E2	52	34	54	79	75	74	C		
132 E2	95 E2	79 E2	80 E2	78	270	311	376	343	356	NC		
1274 E4	1422 E4	1526 E4	1345 E4	1332 I	9234	9118	9443	9442	7188	All	Logs	Portugal
91 E2	134 E2	115 E2	18 E2	5 TCF	3269	3425	3694	3095	2373	C		
1183 E2	1288 E2	1411 E2	1327 E2	1327	5965	5693	5749	6347	4815	NC		
375 E4	462 E4	635 E4	294 E4	282 I	968	806	678	919	974	All	Sawn	
344 E2	432 E2	512 E2	278 E2	278	675	533	466	668	609	C		
31 E2	30 E2	123 E2	15 E2	4 TCF	293	273	212	251	365	NC		
38 E4	43 E4	41 E4	35 E4	35	40	44	35	33	46	All	Ven	
27 E2	27 E2	30 E2	22 E2	22	3	6	3	8	12	C		
11 E2	16 E2	11 E2	13 E2	13	37	38	33	25	34	NC		
10 E4	8 E4	29 E4	44 E4	44	63	74	63	49	38	All	Ply	
7 E2	6 E2	21 E2	7 E2	7	18	25	12	19	17	C		
3 E2	2 E2	8 E2	37 E2	37	45	49	51	30	21	NC		
203 E4	224 E4	365 E4	466 I	417 I	16788	17726	16147	16718	4855	All	Logs	Spain
74 E2	67 E2	162 E3	136 E2	86 TCF	9557	9286	8263	8049	4098	C		
129 E2	157 E2	203 E2	331 CB	331 X	7231	8440	7884	8669	757	NC		
96 E4	117 E4	138 E4	140 I	88 TCF	6955	7062	7209	5447	3760	All	Sawn	
58 E2	68 E2	87 E2	82 E2	59 TCF	5084	5335	5172	4123	3035	C		
38 E2	49 E2	51 E2	59 CB	29 TCF	1871	1727	2037	1324	725	NC		
46 E4	37 E4	39 E4	48 E4	33 TCF	168	184	155	133	145	All	Ven	
10 E2	9 E2	9 E2	13 E2	9 ITCF	29	26	43	23	29	C		
36 E2	28 E2	30 E2	36 E2	24 ITCF	139	158	112	110	116	NC		
117 E4	124 E4	162 E4	213 E4	111 TCF	566	501	546	138	189	All	Ply	
65 E2	91 E2	129 E2	111 E2	58 ITCF	235	176	145	30	62	C		
52 E2	33 E2	33 E2	103 E2	53 ITCF	331	325	401	108	127	NC		
3095 E4	3004 E4	3808 E4	2349 E4	505 TCF	97891	62360	75856	67532	34376	All	Logs	Sweden
3089 E2	2998 E2	3794 E2	2334 E2	500 TCF	89030	54660	68065	60952	30777	C		
6 E2	5 E2	14 E2	15 E2	5 TCF	8862	7701	7791	6579	3599	NC		
11898 E4	13217 E4	11347 E4	12006 E4	12120 TCF	6050	5467	7800	5976	4090	All	Sawn	
11887 E2	13203 E2	11332 E2	11984 E2	12100 TCF	5746	5198	7570	5786	3900	C		
11 E2	14 E2	15 E2	22 E2	20 TCF	304	269	230	189	190	NC		
52 E4	49 E4	30 E4	22 E4	20 TCF	28	31	34	38	32	All	Ven	
46 E1	44 E2	27 E2	20 E3	18 ITCF	8	11	15	19	15	C		
6 E1	5 E2	3 E2	2 E3	2 ITCF	20	20	19	19	17	NC		
28 E4	52 E4	63 E4	45 E4	40 TCF	253	236	249	221	215	All	Ply	
22 E3	46 E1	60 E3	39 E1	34 ITCF	183	161	152	161	156	C		
6 E3	6 E1	4 E3	7 E1	6 ITCF	70	76	96	61	59	NC		
700 E4	644 E4	758 E4	727 E4	719 I	8122	7884	8475	7617	4853	All	Logs	U.K.
692 E2	631 E2	746 E2	719 E2	719 X	7736	7643	8277	7441	4743	C		
8 E2	13 E2	12 E2	7 E2	0 TCF	386	241	198	177	110	NC		
358 E4	415 E4	346 E4	222 E4	220 TCF	10634	10454	11269	8482	7690	All	Sawn	
343 E2	407 E2	326 E2	205 E2	200 TCF	9936	9856	10720	8054	7330	C		
15 E2	8 E2	19 E2	17 E2	20 TCF	698	598	549	428	360	NC		
5 E4	5 E4	5 E4	6 E4	10 TCF	65	52	28	24	20	All	Ven	
2 E2	2 E2	2 E2	4 E2	7 ITCF	3	15	16	10	7	C		
3 E2	4 E2	3 E2	2 E2	3 ITCF	61	37	13	14	13	NC		
115 E4	136 E4	70 E4	59 E4	60 TCF	1342	1361	1554	1431	1180	All	Ply	
58 E2	51 E2	33 E2	25 E2	25 ITCF	618	549	673	623	508	C		
57 E2	86 E2	36 E2	34 E2	35 ITCF	724	811	882	809	672	NC		

Table 1-1-a. Production, Trade and Consumption of All Timber by ITTO Consumers (1000 m^3)

Country	Product	Species	Production 2005	Production 2006	Production 2007	Production 2008	Production 2009*	Imports 2005	Imports 2006	Imports 2007	Imports 2008	Imports 2009*
Europe Non-EU	**Logs**	**All**	**12524**	**11567**	**12510**	**11886**	**11009**	**3350**	**2816**	**2843**	**2148**	**1988**
		C	**11956**	**10951**	**11826**	**11202**	**10632**	**2481**	**2111**	**2174**	**1862**	**1720**
		NC	**567**	**616**	**684**	**684**	**377**	**870**	**705**	**669**	**286**	**267**
	Sawn	**All**	**3917**	**4057**	**3943**	**3768**	**3458**	**1442**	**1445**	**1598**	**1386**	**1225**
		C	**3800**	**3941**	**3837**	**3648**	**3350**	**1320**	**1336**	**1486**	**1279**	**1120**
		NC	**117**	**116**	**106**	**121**	**108**	**121**	**109**	**112**	**107**	**105**
	Ven	**All**	**10**	**5**	**6**	**5**	**5**	**19**	**14**	**14**	**13**	**13**
		C	**7**	**2**	**0**	**1**	**1**	**4**	**3**	**3**	**2**	**2**
		NC	**3**	**2**	**6**	**4**	**4**	**15**	**10**	**11**	**11**	**11**
	Ply	**All**	**43**	**5**	**6**	**10**	**8**	**201**	**193**	**199**	**192**	**151**
		C	**38**	**1**	**1**	**2**	**1**	**125**	**109**	**134**	**134**	**99**
		NC	**5**	**4**	**5**	**8**	**7**	**76**	**83**	**65**	**58**	**52**
Norway	Logs	All	8490 E4	7282 E4	8212 E4	8071 E4	8069 x	3145 E4	2333 E4	2539 E4	1808 E4	1808 x
		C	8427 E4	7214 E4	8138 E4	7982 E4	7982 x	2344 E2	1749 E2	1988 E2	1570 E2	1570 x
		NC	63 E4	68 E4	74 E4	88 E4	87 x	801 E2	585 E2	550 E2	237 E2	237 x
	Sawn	All	2326 E4	2389 E4	2402 E4	2228 E4	1978 TCF	1042 E4	1035 E4	1173 E4	936 E4	835 TCF
		C	2300 E2	2361 E2	2374 E2	2200 E2	1950 TCF	986 E2	983 E2	1135 E2	901 E2	800 TCF
		NC	26 E9	28 E2	28 E2	28 E2	28 TCF	56 E2	52 E2	37 E2	35 E2	35 TCF
	Ven	All	0	0 E4	0 E4	0 E4	0 TCF	14 E4	9 E4	9 E4	8 E4	8 TCF
		C	0	0 E2	0 E3	0 E3	0 ITCF	3 E2	2 E2	2 E2	1 E2	1 ITCF
		NC	0	0 E2	0 E3	0 E3	0 ITCF	11 E2	7 E2	7 E2	7 E2	7 ITCF
	Ply	All	28 E4	0 E4	0 E4	0 E4	0 TCF	56 E4	64 E4	73 E4	61 E4	61 TCF
		C	28 E5	0 E2	0 E3	0 E3	0 ITCF	26 E2	24 E2	31 E2	26 E2	26 ITCF
		NC	0 E5	0 E2	0 E3	0 E3	0 ITCF	30 E2	40 E2	43 E2	35 E2	35 ITCF
Switzerland	Logs	All	4034 E4	4285 E4	4298 E4	3816 E4	2940 TCF	206 E4	482 I	305 I	341 E4	180 TCF
		C	3529 E4	3737 E4	3687 E4	3220 E4	2650 TCF	137 E2	362 C	186 E2	292 E2	150 TCF
		NC	504 E4	548 E4	611 E4	596 E4	290 TCF	69 E2	120 E2	119 F	48 E2	30 TCF
	Sawn	All	1591 E4	1668 E4	1541 E4	1540 E4	1480 TCF	400 E4	409 E4	425 E4	450 E4	390 TCF
		C	1500 E2	1580 E2	1463 E2	1448 E2	1400 TCF	334 E2	352 E2	351 E2	378 E2	320 TCF
		NC	91 E2	88 E2	78 E2	93 E2	80 TCF	65 E2	57 E2	74 E2	73 E2	70 TCF
	Ven	All	10 E4	5 E4	6 E4	5 E4	5 TCF	5 E4	5 E4	5 E4	5 E4	5 TCF
		C	7 E2	2 E2	0 E9	1 E9	1 ITCF	1 E2	1 E2	1 E2	1 E2	1 ITCF
		NC	3 E2	2 E2	6 E9	4 E9	4 ITCF	4 E2	4 E2	4 E2	4 E2	4 ITCF
	Ply	All	15 E4	5 E4	6 E4	10 E4	8 TCF	145 E4	128 E4	126 E4	131 E4	90 TCF
		C	10 E2	1 E2	1 E9	2 E9	1 ITCF	99 E2	85 E2	103 E2	107 E2	73 ITCF
		NC	5 E2	4 E2	5 E9	8 E9	7 ITCF	46 E2	44 E2	23 E2	23 E2	17 ITCF
North America	**Logs**	**All**	**623703**	**597330**	**569976**	**489249**	**430168**	**9843**	**8709**	**7342**	**6039**	**5701**
		C	**465732**	**442197**	**415839**	**349935**	**325014**	**7396**	**6528**	**5577**	**4206**	**4314**
		NC	**157971**	**155133**	**154137**	**139314**	**105154**	**2447**	**2181**	**1765**	**1833**	**1387**
	Sawn	**All**	**157206**	**151613**	**137661**	**114417**	**94318**	**45731**	**41655**	**33803**	**23970**	**17255**
		C	**127656**	**122616**	**110652**	**89853**	**71321**	**42259**	**38986**	**31473**	**21993**	**15455**
		NC	**29550**	**28997**	**27009**	**24565**	**22997**	**3472**	**2669**	**2330**	**1977**	**1800**
	Ven	**All**	**1280**	**1300**	**1000**	**900**	**900**	**801**	**740**	**668**	**470**	**495**
		C	**760**	**700**	**500**	**400**	**400**	**362**	**327**	**190**	**127**	**148**
		NC	**520**	**600**	**500**	**500**	**500**	**438**	**413**	**478**	**343**	**347**
	Ply	**All**	**16771**	**15903**	**15041**	**12601**	**12104**	**6871**	**7078**	**5201**	**3893**	**3761**
		C	**14702**	**13843**	**13130**	**10996**	**10530**	**2424**	**2319**	**1386**	**1347**	**1132**
		NC	**2069**	**2060**	**1910**	**1605**	**1574**	**4447**	**4759**	**3815**	**2546**	**2629**
Canada	Logs	All	200247 E4	185196 E4	191205 E4	152638 E4	129156 TCF	6274 E4	5787 E4	5100 E4	4609 E4	4087 TCF
		C	165093 E4	151823 E4	156794 E4	124980 E4	115992 TCF	4265 E1	3885 E1	3483 E1	3035 E1	2816 TCF
		NC	35154 E4	33373 E4	34411 E4	27658 E4	13164 TCF	2009 E1	1902 E1	1617 E1	1574 E1	1271 TCF
	Sawn	All	60187 E4	58709 E4	52284 E4	41548 E4	33934 TCF	2226 E4	1546 E4	1635 E4	1835 E4	1584 TCF
		C	58470 E3	57067 E3	50883 E3	40437 E3	33134 TCF	648 E8	503 E8	532 E8	710 E3	684 TCF
		NC	1717 E1	1642 E1	1401 E1	1111 E1	800 TCF	1578 E1	1043 E1	1103 E1	1125 E3	900 TCF
	Ven	All	880 E4	900 E4	600 E4	500 E4	500 TCF	267 E4	271 E4	305 E4	208 E4	178 TCF
		C	760 E8	700 E8	500 E8	400 E8	400 ITCF	36 E1	35 E1	27 E1	8 E1	5 ITCF
		NC	120 E8	200 E8	100 E8	100 E8	100 ITCF	231 E1	236 E1	278 E1	200 E1	173 ITCF
	Ply	All	2322 E4	2252 E4	2639 E4	2225 E4	1882 TCF	690 E4	685 E4	804 I	833 I	750 TCF
		C	2020 E1	1959 E1	2295 E1	1936 E1	1637 ITCF	263 E1	420 E1	427 E1	677 E1	500 ITCF
		NC	302 E1	293 E1	344 E1	289 E1	245 ITCF	427 E1	265 E1	377 C	156 CB	250 ITCF
U.S.A.	Logs	All	423456 E4	412134 E4	378771 E4	336611 E4	301012	3569 E4	2922 E4	2242 E4	1430 E4	1614 TCF
		C	300639 E4	290374 E4	259045 E4	224955 E4	209022	3131 E1	2643 E1	2094 E1	1171 E1	1498 TCF
		NC	122817 E4	121760 E4	119726 E4	111656 E4	91990	438 E1	279 E1	148 E1	259 E1	116 TCF
	Sawn	All	97020 E4	92903 E4	85377 E4	72869 E4	60384 TCF	43504 E4	40109 E4	32168 E4	22136 E4	15671 TCF
		C	69187 E1	65549 E1	59769 E1	49416 E1	38187 TCF	41610 E3	38483 E8	30941 E8	21283 E8	14771 TCF
		NC	27833 E3	27355 E1	25608 E1	23454 E1	22197 TCF	1894 E1	1626 E1	1227 E1	852 E1	900 TCF
	Ven	All	400 E4	400 E4	400 E4	400 E4	400 TCF	534 E4	469 E4	363 E4	262 E4	317 TCF
		C	0 E5	0 E5	0 E5	0 E5	0 ITCF	326 E1	292 E1	163 E1	119 E1	143 ITCF
		NC	400 E5	400 E5	400 E5	400 E5	400 ITCF	207 E1	177 E1	200 E1	143 E1	174 ITCF
	Ply	All	14449 E4	13651 E4	12402 E4	10376 E4	10222 TCF	6181 E4	6393 E4	4397 E4	3059 E4	3011 TCF
		C	12682 E1	11884 E1	10835 E1	9060 E1	8893 ITCF	2161 E1	1899 E1	959 E1	670 E1	632 ITCF
		NC	1767 E1	1767 E1	1566 E1	1316 E1	1329 ITCF	4020 E1	4494 E1	3439 E1	2389 E1	2379 ITCF
North Africa	**Logs**	**All**	**39**	**39**	**39**	**39**	**39**	**123**	**97**	**121**	**174**	**174**
		C	**9**	**9**	**9**	**9**	**9**	**91**	**77**	**96**	**145**	**145**
		NC	**30**	**30**	**30**	**30**	**30**	**32**	**20**	**25**	**29**	**29**
	Sawn	**All**	**12**	**12**	**12**	**12**	**12**	**3300**	**3671**	**3583**	**4035**	**4035**
		C	**11**	**11**	**11**	**11**	**11**	**2777**	**3251**	**3011**	**3364**	**3364**
		NC	**1**	**1**	**1**	**1**	**1**	**523**	**420**	**572**	**671**	**671**
	Ven	**All**	**7**	**7**	**7**	**7**	**7**	**19**	**21**	**24**	**22**	**22**
		C	**5**	**5**	**5**	**5**	**5**	**1**	**2**	**0**	**1**	**1**
		NC	**2**	**2**	**2**	**2**	**2**	**18**	**19**	**24**	**21**	**21**
	Ply	**All**	**28**	**28**	**28**	**28**	**28**	**351**	**401**	**403**	**486**	**486**
		C	**20**	**20**	**20**	**20**	**20**	**69**	**114**	**173**	**167**	**167**
		NC	**8**	**8**	**8**	**8**	**8**	**282**	**287**	**230**	**319**	**319**

Exports					Domestic Consumption							
2005	2006	2007	2008	2009*	2005	2006	2007	2008	2009*	Species	Product	Country
1939	**2467**	**2277**	**2052**	**1597**	**13935**	**11916**	**13076**	**11982**	**11400**	**All**	**Logs**	
1688	**2102**	**1967**	**1644**	**1318**	**12749**	**10960**	**12033**	**11421**	**11035**	**C**		
251	**365**	**310**	**408**	**279**	**1186**	**956**	**1043**	**562**	**365**	**NC**		
662	**725**	**734**	**863**	**992**	**4696**	**4777**	**4807**	**4292**	**3691**	**All**	**Sawn**	
630	**692**	**701**	**836**	**970**	**4491**	**4585**	**4622**	**4090**	**3500**	**C**		
32	**33**	**33**	**27**	**22**	**206**	**192**	**185**	**201**	**191**	**NC**		**Europe**
6	**6**	**6**	**4**	**3**	**23**	**12**	**14**	**14**	**14**	**All**	**Ven**	**Non-EU**
1	**1**	**1**	**1**	**1**	**11**	**5**	**2**	**2**	**2**	**C**		
6	**5**	**5**	**3**	**2**	**12**	**7**	**13**	**12**	**12**	**NC**		
3	**5**	**6**	**6**	**5**	**241**	**193**	**199**	**197**	**154**	**All**	**Ply**	
1	**2**	**2**	**2**	**3**	**162**	**108**	**132**	**134**	**97**	**C**		
2	**2**	**4**	**3**	**2**	**79**	**85**	**67**	**63**	**57**	**NC**		
524 E4	741 E4	949 E4	897 E4	897 X	11111	8875	9801	8981	8980	All	Logs	Norway
519 E2	729 E2	940 E2	868 E2	868 X	10252	8234	9187	8685	8685	C		
5 E2	11 E2	10 E2	29 E2	29 X	859	641	614	296	295	NC		
442 E4	473 E4	387 E4	416 E4	552 TCF	2926	2951	3187	2747	2261	All	Sawn	
441 E2	471 E2	386 E2	414 E2	550 TCF	2845	2873	3123	2687	2200	C		
1 E2	2 E2	2 E2	2 E2	2 TCF	81	78	64	61	61	NC		
0 RE4	0 RE4	1 E4	1 E4	1 TCF	14	9	8	7	7	All	Ven	
0 RE2	0 RE2	0 RE2	0 RE2	0 RITCF	3	2	1	1	1	C		
0 RE2	0 RE2	1 E2	0 RE2	0 RITCF	11	7	7	6	7	NC		
1 E4	2 E4	1 E4	1 E4	1 TCF	82	62	72	60	60	All	Ply	
0 RE2	1 E2	1 E2	1 E2	1 ITCF	53	23	30	26	25	C		
1 E2	1 E2	0 RE2	1 E2	0 ITCF	29	39	42	34	35	NC		
1416 E4	1727 E4	1327 I	1155 E4	700 TCF	2824	3040	3275	3001	2420	All	Logs	Switzerland
1170 E2	1373 E2	1027 E2	776 E2	450 TCF	2497	2726	2846	2736	2350	C		
246 E2	354 E2	301 C	379 E2	250 TCF	327	314	429	265	70	NC		
220 E4	252 E4	347 E4	446 E4	440 TCF	1771	1825	1620	1544	1430	All	Sawn	
189 E2	221 E2	316 E2	422 E2	420 TCF	1646	1712	1498	1404	1300	C		
31 E2	31 E2	31 E2	24 E2	20 TCF	125	114	121	141	130	NC		
6 E4	6 E4	5 E4	3 E4	3 TCF	9	3	6	7	7	All	Ven	
0 RE2	1 E2	1 E2	1 E2	1 ITCF	8	2	0	1	1	C		
5 E2	5 E2	4 E2	3 E2	2 ITCF	2	1	6	5	6	NC		
2 E4	3 E4	4 E4	4 E4	4 TCF	158	130	127	137	94	All	Ply	
1 E2	1 E2	1 E2	2 E2	2 ITCF	109	85	103	108	72	C		
1 E2	2 E2	3 E2	3 E2	2 ITCF	49	45	24	29	22	NC		
15407	**14278**	**13509**	**13038**	**12234**	**618139**	**591761**	**563808**	**482250**	**423635**	**All**	**Logs**	
12474	**11768**	**10989**	**10379**	**9870**	**460654**	**436956**	**410427**	**343762**	**319458**	**C**		
2933	**2509**	**2521**	**2659**	**2364**	**157485**	**154805**	**153381**	**138488**	**104177**	**NC**		
45565	**43590**	**37319**	**27921**	**21926**	**157372**	**149677**	**134146**	**110466**	**89647**	**All**	**Sawn**	
41207	**39392**	**33767**	**25208**	**19504**	**128708**	**122210**	**108358**	**86638**	**67272**	**C**		
4358	**4198**	**3551**	**2713**	**2422**	**28665**	**27467**	**25788**	**23829**	**22375**	**NC**		**North**
1428	**1323**	**1001**	**794**	**725**	**653**	**717**	**667**	**576**	**669**	**All**	**Ven**	**America**
769	**694**	**446**	**324**	**265**	**353**	**333**	**244**	**203**	**282**	**C**		
659	**630**	**555**	**470**	**460**	**300**	**383**	**424**	**373**	**387**	**NC**		
1621	**1442**	**1407**	**1341**	**1016**	**22021**	**21539**	**18834**	**15152**	**14849**	**All**	**Ply**	
993	**887**	**854**	**771**	**633**	**16133**	**15275**	**13661**	**11572**	**11029**	**C**		
628	**555**	**553**	**570**	**383**	**5888**	**6264**	**5173**	**3581**	**3820**	**NC**		
5592 E4	4640 E4	3560 E4	2838 E4	3415 TCF	200929	186343	192745	154409	129828	All	Logs	Canada
5158 E1	4339 E1	3365 E1	2659 E1	3306 TCF	164200	151369	156912	125356	115502	C		
434 E1	301 E1	195 E1	179 E1	109 TCF	36729	34974	35833	29053	14326	NC		
41185 E4	38984 E4	33190 E4	24219 E4	18328 TCF	21228	21271	20729	19164	17191	All	Sawn	
39837 E8	37909 E8	32385 E8	23735 E8	18008 TCF	19281	19661	19030	17412	15811	C		
1348 E1	1075 E1	805 E1	484 E1	320 TCF	1947	1610	1699	1752	1380	NC		
1045 E4	953 E4	656 E4	514 E4	410 TCF	102	218	249	194	268	All	Ven	
714 E1	631 E1	402 E1	295 E1	234 ITCF	82	104	125	113	171	C		
331 E1	322 E1	254 E1	219 E1	176 ITCF	20	114	124	81	97	NC		
1118 E4	950 E4	964 E4	835 E4	346 TCF	1894	1987	2479	2223	2286	All	Ply	
652 E1	520 E1	570 E1	445 E1	183 ITCF	1631	1859	2152	2168	1954	C		
466 E1	430 E1	394 E1	390 E1	163 ITCF	263	128	327	55	332	NC		
9815 E4	9638 E4	9949 E4	10200 E4	8819 TCF	417210	405418	371063	327841	293807	All	Logs	U.S.A.
7316 E1	7429 E1	7624 E1	7720 E1	6564 TCF	296454	285587	253515	218406	203956	C		
2499 E1	2208 E1	2326 E1	2480 E1	2255 TCF	120756	119831	117548	109435	89851	NC		
4380 E4	4607 E4	4128 E4	3703 E4	3599 TCF	136144	128406	113417	91303	72456	All	Sawn	
1370 E3	1483 E8	1382 E8	1473 E8	1497 TCF	109427	102549	89328	69226	51461	C		
3010 E1	3123 E1	2746 E1	2229 E1	2102 TCF	26718	25857	24089	22077	20995	NC		
383 E4	370 E4	345 E4	280 E4	316 TCF	551	499	418	382	401	All	Ven	
55 E1	63 E1	44 E1	29 E1	32 ITCF	271	229	119	90	111	C		
328 E1	308 E1	301 E1	251 E1	284 ITCF	280	269	300	292	290	NC		
503 E4	492 E4	443 E4	506 E4	670 TCF	20127	19552	16356	12929	12563	All	Ply	
341 E1	367 E1	284 E1	326 E1	450 ITCF	14502	13416	11509	9404	9075	C		
162 E1	125 E1	159 E1	180 E1	220 ITCF	5625	6136	4846	3525	3488	NC		
1	**0**	**2**	**0**	**0**	**160**	**136**	**158**	**212**	**212**	**All**	**Logs**	
1	**0**	**0**	**0**	**0**	**98**	**86**	**105**	**154**	**154**	**C**		
0	**0**	**1**	**0**	**0**	**62**	**50**	**53**	**58**	**58**	**NC**		
1	**0**	**1**	**1**	**1**	**3312**	**3683**	**3594**	**4046**	**4046**	**All**	**Sawn**	
1	**0**	**0**	**0**	**0**	**2788**	**3261**	**3022**	**3374**	**3374**	**C**		
0	**0**	**0**	**1**	**1**	**524**	**421**	**573**	**671**	**671**	**NC**		
0	**0**	**0**	**0**	**0**	**26**	**28**	**31**	**29**	**29**	**All**	**Ven**	**North Africa**
0	**0**	**0**	**0**	**0**	**6**	**7**	**5**	**6**	**6**	**C**		
0	**0**	**0**	**0**	**0**	**20**	**21**	**26**	**23**	**23**	**NC**		
2	**0**	**1**	**1**	**1**	**377**	**429**	**430**	**513**	**513**	**All**	**Ply**	
0	**0**	**0**	**0**	**0**	**89**	**133**	**193**	**187**	**187**	**C**		
2	**0**	**1**	**0**	**0**	**289**	**295**	**237**	**327**	**327**	**NC**		

Table 1-1-a. Production, Trade and Consumption of All Timber by ITTO Consumers (1000 m^3)

Country	Product	Species	Production 2005	Production 2006	Production 2007	Production 2008	Production 2009*	Imports 2005	Imports 2006	Imports 2007	Imports 2008	Imports 2009*
Egypt	Logs	All	39 I	39 X	39 X	39 X	39 X	123 CB	97 CB	121 CB	174 CB	174 X
		C	9 I	9 X	9 X	9 X	9 X	91 CB	77 CB	96 CB	145 CB	145 X
		NC	30 I	30 X	30 X	30 X	30 X	32 CB	20 CB	25 CB	29 CB	29 X
	Sawn	All	12 I	12 X	12 X	12 X	12 X	3300 C	3671 C	3583 C	4035 C	4035 X
		C	11 I	11 X	11 X	11 X	11 X	2777 C	3251 C	3011 C	3364 C	3364 X
		NC	1 X	1 X	1 X	1 X	1 X	523 C	420 C	572 C	671 C	671 X
	Ven	All	7 I	7 X	7 X	7 X	7 X	19 I	21 CB	24 I	22 CB	22 X
		C	5 I	5 X	5 X	5 X	5 X	1 C	2 CB	0 CR	1 CB	1 X
		NC	2 I	2 X	2 X	2 X	2 X	18 CB	19 CB	24 CB	21 CB	21 X
	Ply	All	28 I	28 X	28 X	28 X	28 X	351 CB	401 CB	403 CB	486 CB	486 X
		C	20 I	20 X	20 X	20 X	20 X	69 CB	114 CB	173 CB	167 CB	167 X
		NC	8 I	8 X	8 X	8 X	8 X	282 CB	287 CB	230 CB	319 CB	319 X
Consumers Total	**Logs**	**All**	**1056398**	**1011672**	**1031724**	**920926**	**757614**	**117468**	**118735**	**118108**	**98035**	**89368**
		C	**798283**	**749059**	**763939**	**660496**	**558733**	**76048**	**78792**	**77552**	**62614**	**59809**
		NC	**258115**	**262613**	**267785**	**260431**	**198881**	**41420**	**39943**	**40557**	**35421**	**29559**
	Sawn	**All**	**293907**	**299085**	**290463**	**258567**	**225300**	**110040**	**107042**	**102782**	**83219**	**70511**
		C	**245284**	**246963**	**236958**	**208469**	**177644**	**92745**	**91537**	**86924**	**69960**	**58668**
		NC	**48622**	**52121**	**53505**	**50098**	**47656**	**17295**	**15505**	**15858**	**13259**	**11843**
	Ven	**All**	**7033**	**7006**	**6645**	**6158**	**5840**	**2609**	**2523**	**2462**	**2053**	**1880**
		C	**3486**	**3465**	**3224**	**2873**	**2570**	**602**	**590**	**514**	**365**	**360**
		NC	**3547**	**3541**	**3421**	**3285**	**3271**	**2006**	**1933**	**1948**	**1688**	**1520**
	Ply	**All**	**50772**	**52194**	**59619**	**55984**	**54875**	**21333**	**22439**	**19918**	**17112**	**15959**
		C	**36420**	**34966**	**38965**	**39356**	**38491**	**5975**	**6080**	**5569**	**5279**	**4626**
		NC	**14352**	**17228**	**20655**	**16628**	**16385**	**15358**	**16359**	**14348**	**11833**	**11333**
ITTO Total	**Logs**	**All**	**1292731**	**1254572**	**1265144**	**1152545**	**988912**	**122129**	**123198**	**123640**	**103454**	**94841**
		C	**863550**	**822726**	**819665**	**715883**	**614133**	**76649**	**79456**	**78490**	**63523**	**60742**
		NC	**429181**	**431846**	**445480**	**436662**	**374780**	**45480**	**43741**	**45151**	**39931**	**34099**
	Sawn	**All**	**357091**	**363240**	**355170**	**323833**	**291544**	**115675**	**112499**	**108509**	**87804**	**74585**
		C	**267512**	**269637**	**260185**	**231841**	**201687**	**94540**	**93273**	**88840**	**71041**	**59721**
		NC	**89579**	**93603**	**94985**	**91992**	**89857**	**21134**	**19226**	**19669**	**16763**	**14864**
	Ven	**All**	**10496**	**10429**	**10424**	**10272**	**10031**	**2781**	**2686**	**2619**	**2220**	**2035**
		C	**4234**	**4286**	**4087**	**3738**	**3434**	**633**	**634**	**565**	**410**	**404**
		NC	**6262**	**6143**	**6337**	**6534**	**6597**	**2148**	**2052**	**2055**	**1810**	**1631**
	Ply	**All**	**68578**	**69361**	**76722**	**71622**	**70932**	**22439**	**23771**	**21228**	**18449**	**17336**
		C	**40537**	**38662**	**42560**	**42743**	**41912**	**6512**	**6857**	**6331**	**6170**	**5543**
		NC	**28041**	**30699**	**34162**	**28879**	**29020**	**15927**	**16914**	**14897**	**12280**	**11793**

Exports					Domestic Consumption							
2005	2006	2007	2008	2009*	2005	2006	2007	2008	2009*	Species	Product	Country
1 C	0 RI	2 I	0 RI	0 RX	160	136	158	212	212	All	Logs	Egypt
1 C	0 CR	0 CBR	0 CBR	0 RX	98	86	105	154	154	C		
0 CR	0 CBR	1 C	0 CR	0 RX	62	50	53	58	58	NC		
1 I	0 RI	1 CB	1 CB	1 X	3312	3683	3594	4046	4046	All	Sawn	
1 CB	0 CBR	0 CBR	0 CBR	0 RX	2788	3261	3022	3374	3374	C		
0 CR	0 I	0 CR	1 CB	1 X	524	421	573	671	671	NC		
0 CBR	0 CBR	0 CBR	0 CBR	0 RX	26	28	31	29	29	All	Ven	
0 CBR	0 CBR	0 CBR	0 CBR	0 RX	6	7	5	6	6	C		
0 CBR	0 CBR	0 CBR	0 CBR	0 RX	20	21	26	23	23	NC		
2 I	0 RI	1 I	1 I	1 X	377	429	430	513	513	All	Ply	
0 CR	0 CR	0 CR	0 CBR	0 RX	89	133	193	187	187	C		
2 CB	0 C	1 CB	0 CR	0 RX	289	295	237	327	327	NC		
44461	**44877**	**46058**	**42518**	**34993**	**1129405**	**1085530**	**1103775**	**976444**	**811988**	**All**	**Logs**	
35345	**35864**	**37173**	**33728**	**28131**	**838986**	**791987**	**804318**	**689382**	**590411**	**C**		
9115	**9014**	**8885**	**8790**	**6862**	**290419**	**293543**	**299457**	**287061**	**221577**	**NC**		
89089	**89886**	**84483**	**71215**	**57728**	**314858**	**316241**	**308762**	**270570**	**238084**	**All**	**Sawn**	
81785	**82450**	**77023**	**64944**	**53201**	**256244**	**256050**	**246859**	**213485**	**183112**	**C**		
7303	**7436**	**7460**	**6272**	**4527**	**58615**	**60191**	**61904**	**57085**	**54972**	**NC**		**Consumers**
2191	**2166**	**1899**	**1614**	**1386**	**7450**	**7363**	**7208**	**6597**	**6334**	**All**	**Ven**	**Total**
1076	**1019**	**746**	**605**	**527**	**3012**	**3036**	**2992**	**2633**	**2403**	**C**		
1115	**1147**	**1153**	**1009**	**859**	**4439**	**4327**	**4216**	**3964**	**3931**	**NC**		
10570	**13411**	**13542**	**11737**	**10650**	**61535**	**61221**	**65995**	**61360**	**60184**	**All**	**Ply**	
6192	**8428**	**9033**	**7837**	**7298**	**36203**	**32618**	**35501**	**36798**	**35818**	**C**		
4378	**4983**	**4509**	**3899**	**3352**	**25332**	**28603**	**30494**	**24562**	**24365**	**NC**		
58594	**57879**	**59396**	**54520**	**46621**	**1356265**	**1319891**	**1329389**	**1201478**	**1037133**	**All**	**Logs**	
35591	**36088**	**37454**	**33877**	**28281**	**904607**	**866094**	**860701**	**745529**	**646593**	**C**		
23003	**21791**	**21942**	**20644**	**18340**	**451658**	**453796**	**468688**	**455949**	**390539**	**NC**		
103263	**104201**	**98254**	**82998**	**69565**	**369502**	**371538**	**365424**	**328639**	**296563**	**All**	**Sawn**	
83950	**84238**	**78765**	**66299**	**54565**	**278102**	**278671**	**270260**	**236582**	**206844**	**C**		
19314	**19962**	**19490**	**16699**	**15001**	**91400**	**92867**	**95165**	**92057**	**89720**	**NC**		**ITTO Total**
3391	**3266**	**3010**	**2438**	**2230**	**9886**	**9849**	**10033**	**10054**	**9836**	**All**	**Ven**	
1139	**1083**	**849**	**700**	**637**	**3728**	**3837**	**3803**	**3447**	**3200**	**C**		
2251	**2184**	**2161**	**1737**	**1592**	**6159**	**6012**	**6230**	**6607**	**6636**	**NC**		
22772	**25820**	**25546**	**21912**	**20899**	**68245**	**67312**	**72404**	**68160**	**67369**	**All**	**Ply**	
10051	**11884**	**12218**	**10706**	**10231**	**36997**	**33635**	**36673**	**38207**	**37224**	**C**		
12721	**13936**	**13328**	**11206**	**10668**	**31248**	**33677**	**35730**	**29953**	**30145**	**NC**		

Table 1-1-b. Production, Trade and Consumption of Tropical Timber by ITTO Consumers (1000 m^3)

Country	Product	Production					Imports				
		2005	2006	2007	2008	2009*	2005	2006	2007	2008	2009*
Asia-Pacific	**Logs**	**3072**	**3075**	**4404**	**5054**	**5154**	**10135**	**9623**	**9886**	**8391**	**6850**
	Sawn	**829**	**1780**	**1628**	**1972**	**2190**	**4035**	**3365**	**3166**	**2711**	**2899**
	Ven	**960**	**892**	**863**	**849**	**849**	**521**	**446**	**416**	**399**	**279**
	Ply	**5916**	**5925**	**5964**	**5700**	**5700**	**5778**	**5711**	**4528**	**3959**	**4026**
Australia	Logs	27	41	45 I	45 X	45 X	0 CR	0 CR	0 CBR	0 CR	0 RX
	Sawn	0	0	0	0 X	0 X	84 C	80 C	83 C	71 C	71 X
	Ven	0	0	0	0 X	0 X	6 C	4	9	4 C	4 X
	Ply	0	0	0	0 X	0 X	63	66 C	59 C	68 C	68 X
China	Logs	3036 *	3025 *	4350 *	5000 *	5100 *	7313 C	7718 C	7957	6940	5617 G
	Sawn	573	1559	1450 *	1800 *	2000 *	2643 C	2383 C	2101	1952	2207 G
	Ven	750 I	750 I	750 I	750 X	750 X	108	86 C	86	64	34 G
	Ply	4400 I	4400 I	4400 I	4400 X	4400 X	357	292 CB	191	218	218 X
(Hong Kong	Logs	5 X	5 X	5 X	5 X	5 X	69 CB	58 CB	44 C	28 C	28 X
S.A.R.)	Sawn	15 X	15 X	15 X	15 X	15 X	253 C	209 C	162 C	106 CB	106 X
	Ven	5 X	2 I	2 X	2 X	2 X	12 C	10 C	11 C	1 C	1 X
	Ply	5 X	5 X	5 X	5 X	5 X	167 CB	135 CB	79 CB	70 CB	70 X
(Macao	Logs	1 X	1 X	1 X	1 X	1 X	0 CB	0 CBR	0 CBR	0 CR	0 RX
S.A.R.)	Sawn	0 X	0 X	0 X	0 X	0 X	1 CB	1 CB	2 CB	2 CB	2 X
	Ven	1 X	1 X	1 X	1 X	1 X	0 CBR	0 CBR	0 CBR	0 CB	0 X
	Ply	0 X	0 X	0 X	0 X	0 X	4 CB	5 CB	1 CB	5 CB	5 X
(Taiwan	Logs	3 X	3 X	3 X	3 X	3 X	992 C	589 CB	524 CB	550 CB	550 X
Province of	Sawn	0 *	0 *	0 *	0 X	0 X	465 C	282 CB	343 C	300 C	300 X
China)	Ven	40 X	40 X	40 X	40 X	40 X	112 C	112 C	113 C	136 C	136 X
	Ply	610 I	667 I	717 I	717 X	717 X	637 CB	574 CB	505 C	514 C	514 X
Japan	Logs	0	0	0	0	0 X	1417 C	1003	1062 C	723 C	505
	Sawn	167	126	93	87	87	328 C	278 C	238 C	177 C	113
	Ven	20 X	20 X	20 X	20 X	20 X	34 C	23	34 C	27 C	15
	Ply	625 X	625 X	625 X	398 I	398 X	3419	3493	2609	2373	2439
Korea, Rep.	Logs	0	0	0	0	0 X	342	251	299 C	148	148
of	Sawn	74 *	80 *	70 I	70 X	88 X	251	122	225	96	96
	Ven	144	79	50	36	36	249	210	161	164 C	87
	Ply	276	228	217	180	180	1124	1139	1075	701	701
Nepal	Logs	0	0	0 I	0 X	0 X	1 I	2 I	0 CBR	0 C	0 X
	Sawn	0	0 I	0 I	0 X	0 X	0 RI	0 C	0 C	0 C	0 X
	Ven	0 X	0 X	0 X	0 X	0 X	1 CB	1 CB	2 CB	1 CB	1 X
	Ply	0 X	0 X	0 X	0 X	0 X	0 CBR	0 CBR	3 CB	3 I	3 X
New Zealand	Logs	0	0	0	0	0 X	0 R	1 C	0	1	1
	Sawn	0	0	0	0	0 X	9	10	13	7	4
	Ven	0	0	0	0	0	0 CR	0 CR	1	2	1
	Ply	0	0	0	0	0	7	7	7	7	7
ECE Regions	**Logs**	**0**	**0**	**0**	**0**	**0**	**1224**	**1354**	**1326**	**841**	**834**
	Sawn	**268**	**334**	**374**	**387**	**373**	**3204**	**2915**	**3028**	**2463**	**2041**
	Ven	**12**	**15**	**44**	**26**	**24**	**374**	**406**	**391**	**347**	**345**
	Ply	**488**	**477**	**472**	**431**	**447**	**3257**	**3370**	**2876**	**2242**	**2163**
EU	**Logs**	**0**	**0**	**0**	**0**	**0**	**1192**	**1275**	**1232**	**823**	**823**
	Sawn	**267**	**331**	**371**	**384**	**370**	**2757**	**2495**	**2585**	**2084**	**1731**
	Ven	**12**	**15**	**44**	**26**	**24**	**333**	**373**	**349**	**317**	**314**
	Ply	**488**	**477**	**472**	**431**	**447**	**1258**	**1348**	**1341**	**1335**	**1256**
Austria	Logs	0	0	0	0	0 TCF	2 I	1 E2	0 RE2	0 RE2	0 RX
	Sawn	0	0 E2	0 E3	0 E3	0 TCF	17 E2	17 E2	16 E2	10 E2	10 TCF
	Ven	0 E3	2 E3	5 E3	2 E3	0 I	3 E2	3 E2	5 E2	4 E2	4 X
	Ply	0 E3	0 E2	0 E3	0 E3	0 TCF	18 E2	19 E2	10 E2	7 E2	7 X
Belgium	Logs	0	0	0	0	0 TCF	43 E1	33 E2	36 E1	38 E1	35 TCF
	Sawn	8 E2	10 E2	12 E2	10 E2	10 TCF	276 E1	270 E2	260 E1	211 E1	180 TCF
	Ven	7 E2	5 E2	11 E3	7 E3	7 I	8 E1	35 E2	12 E2	11 E2	8 ITCF
	Ply	5 E2	5 E2	7 E2	5 E2	5 I	190 E1	300 E2	135 E2	156 E2	156 X
Denmark	Logs	0	0	0	0	0 X	7 E1	59 E2	21 E2	5 E1	5 X
	Sawn	0 E5	0 E3	0 E3	17 E3	0 TCF	49 E2	51 E2	58 C	49 C	49 TCF
	Ven	0 E2	2 E2	0 E3	0 I	0 X	8 C	7 E2	11 C	8 C	8 X
	Ply	0 E2	0 I	5 E2	5 E5	5 X	45 E2	28 E2	25 C	27 C	27 X
Finland	Logs	0	0	0	0	0 X	0 RE2	0 RE2	0 RE2	0 RE2	0 RX
	Sawn	0 E2	0 E2	0 E2	0 E2	0 TCF	7 E2	8 E2	7 E2	6 E2	6 TCF
	Ven	0 E5	0 E2	0 E3	0 E3	0 X	1 E2	1 E2	1 E2	2 E2	2 X
	Ply	0 E2	0 E2	0 E2	0 E2	0 X	1 E2	2 E2	1 E2	2 E2	2 X

Exports					Domestic Consumption						
2005	2006	2007	2008	2009*	2005	2006	2007	2008	2009*	Product	Country
20	**26**	**16**	**17**	**17**	**13187**	**12672**	**14275**	**13428**	**11987**	**Logs**	**Asia-Pacific**
100	**127**	**102**	**90**	**34**	**4764**	**5018**	**4692**	**4593**	**5054**	**Sawn**	
17	**43**	**12**	**10**	**6**	**1464**	**1295**	**1267**	**1239**	**1122**	**Ven**	
1008	**1086**	**456**	**242**	**242**	**10686**	**10549**	**10035**	**9417**	**9483**	**Ply**	
3	0 CR	2 CB	0 CBR	0 RX	25	41	44	45	45	Logs	Australia
8 CB	0 CR	0 CR	1 C	1 X	76	80	83	70	70	Sawn	
0 R	0 CR	0 CR	0 CR	0 RX	5	4	9	4	4	Ven	
5 CB	4 CI	7 CB	4 CB	4 X	58	62	52	64	64	Ply	
3 CB	1 CB	0 R	0	0 G	10346	10742	12307	11940	10717	Logs	China
69	89	81	73	17 G	3147	3852	3470	3679	4190	Sawn	
14	40 CB	10	8	5 G	844	797	826	806	780	Ven	
951	993	414	210	210 X	3806	3699	4176	4408	4408	Ply	
7 CB	14 CB	2 CB	6 CB	6 X	67	50	47	27	27	Logs	(Hong Kong
6 CB	20 CB	5 CB	3 CB	3 X	262	204	172	118	118	Sawn	S.A.R.)
1 CB	2 CB	1 CB	1 CB	1 X	16	9	12	2	2	Ven	
30 CB	74 C	17 CBI	8 CB	8 X	142	67	67	67	67	Ply	
0 C	0 CR	0 CR	0 CR	0 RX	1	1	1	1	1	Logs	(Macao
0 CBR	0 CBR	0 CBR	1 C	1 X	1	1	2	0	0	Sawn	S.A.R.)
0 C	0 CR	0 C	0 C	0 I	1	1	1	1	1	Ven	
1 CB	0 CBR	0 CBR	0 CBR	0 RX	3	5	0	5	5	Ply	
7 C	11 C	11 C	9 C	9 X	988	581	516	545	545	Logs	(Taiwan
15 C	16 C	12 C	10 C	10 X	450	267	330	290	290	Sawn	Province of
2 CB	1 CB	1 CB	0 CBR	0 RX	150	151	151	175	175	Ven	China)
16 C	13 C	14 C	14 C	14 X	1231	1227	1208	1217	1217	Ply	
0 CBR	0 CBR	1	1	1	1417	1003	1061	722	504	Logs	Japan
1	1	1	1	1	494	403	330	263	198	Sawn	
0 CR	0 CR	0 CR	0 CR	0 RX	54	43	54	47	35	Ven	
4	2	1	1	1	4040	4116	3233	2770	2836	Ply	
0 CBR	0	0 R	0 R	0 R	342	251	299	147	147	Logs	Korea, Rep.
1	1	2	1	1	324	201	292	166	184	Sawn	of
0 CR	0	0 R	0 R	0 R	393	289	211	200	123	Ven	
1	0	2	1	1	1399	1367	1290	880	880	Ply	
0 CBR	1 CB	0 I	0 X	0 X	1	2	0	0	0	Logs	Nepal
0 CBR	0 CB	0 CB	0 CB	0 X	0	0	0	0	0	Sawn	
0 CB	0 CBR	0 CB	0 CBR	0 X	1	1	2	1	1	Ven	
0 CB	0 CBR	2 CB	3 CB	3 X	0	0	1	0	0	Ply	
0	0 CR	0	0 R	0	0	1	0	1	1	Logs	New Zealand
0	0 CR	0 R	0 R	0	9	10	13	7	4	Sawn	
0 R	0 CR	0 R	0	0	0	0	1	2	1	Ven	
0 R	0 CR	0 CR	1 C	1 X	6	7	7	6	6	Ply	
92	**99**	**95**	**62**	**45**	**1133**	**1254**	**1231**	**780**	**789**	**Logs**	**ECE Regions**
519	**522**	**525**	**411**	**366**	**2953**	**2727**	**2877**	**2439**	**2049**	**Sawn**	
81	**100**	**95**	**81**	**78**	**305**	**320**	**340**	**292**	**291**	**Ven**	
469	**533**	**463**	**500**	**482**	**3276**	**3315**	**2884**	**2173**	**2129**	**Ply**	
90	**87**	**89**	**58**	**41**	**1102**	**1188**	**1143**	**765**	**782**	**Logs**	**EU**
464	**458**	**500**	**397**	**341**	**2559**	**2368**	**2456**	**2071**	**1761**	**Sawn**	
66	**85**	**81**	**77**	**73**	**279**	**302**	**313**	**266**	**265**	**Ven**	
426	**502**	**428**	**454**	**436**	**1320**	**1323**	**1385**	**1313**	**1268**	**Ply**	
1 E2	0 RE2	0 RE2	0 RE2	0 RX	1	1	0	0	0	Logs	Austria
2 E2	2 E2	3 E2	4 E2	3 TCF	15	15	13	6	7	Sawn	
1 E2	2 E2	2 E2	2 E2	2 X	2	3	8	4	2	Ven	
6 E2	6 E2	5 E2	1 E2	1 X	12	13	5	6	6	Ply	
15 E1	15 E2	22 E1	29 E1	17 TCF	28	18	14	8	18	Logs	Belgium
184 E1	180 E2	155 E1	119 E1	95 TCF	100	100	117	102	95	Sawn	
4 E1	20 E2	23 E2	18 E2	15 I	11	20	0	0	0	Ven	
134 E1	152 C	99 E2	105 E2	105 X	61	153	43	56	56	Ply	
4 E2	23 E2	16 E2	3 C	3 X	2	36	5	2	2	Logs	Denmark
25 E2	10 C	10 C	25 C	25 TCF	24	42	48	41	24	Sawn	
4 E2	8 E2	3 CB	2 CB	2 X	4	0	7	6	6	Ven	
12 C	3 CB	7 E2	4 C	4 X	33	25	23	28	28	Ply	
0 I	0 I	0 I	0 RE2	0 RX	0	0	0	0	0	Logs	Finland
0 RE2	1 E2	3 E2	2 E2	2 TCF	7	7	4	4	4	Sawn	
0 RE2	0 RE2	0 RE2	0 RE2	0 RX	1	1	1	2	2	Ven	
0 RE2	0 RE2	0 RE2	0 RE2	0 RX	1	1	1	2	2	Ply	

Table 1-1-b. Production, Trade and Consumption of Tropical Timber by ITTO Consumers (1000 m^3)

Country	Product	Production 2005	2006	2007	2008	2009*	Imports 2005	2006	2007	2008	2009*
France	Logs	0	0	0	0	0 TCF	483 E2	439 E2	443 E9	370 E9	330 TCF
	Sawn	149 E2	143 E2	141 E2	146 E2	140 TCF	444 E2	412 E2	426 E9	302 E9	280 TCF
	Ven	0 E5	0 E2	0 E9	0 E9	0 X	95 E2	104 E2	100 E9	78 E9	78 X
	Ply	265 E2	266 E2	241 E9	205 E9	234 ITCF	99 E2	110 E2	131 E9	194 E9	194 X
Germany	Logs	0	0 I	0	0	0 TCF	97 E2	107 E2	105 E2	66 E2	60 TCF
	Sawn	0 E5	0 E2	0 E2	0 E3	0 X	174 E2	181 E2	171 E2	152 E2	120 TCF
	Ven	0 E5	0 E5	3 E3	3 E5	2 ITCF	44 E3	37 E2	34 E1	37 E1	37 X
	Ply	0 E2	0 E5	0 E5	0 E5	0 ITCF	122 E3	133 E2	149 C	202 C	202 X
Greece	Logs	0	0	0	0	0 X	47 E1	17 E1	36 E1	36 E5	36 X
	Sawn	2 E5	29 E1	29 E1	29 E5	29 TCF	20 E1	14 E1	19 E1	19 E5	19 TCF
	Ven	0 E5	0 E1	0 E1	0 E5	0 X	7 E1	8 E1	10 E1	10 E5	10 ITCF
	Ply	8 E3	21 E1	21 E1	21 E5	21 X	21 E1	14 E1	9 CB	21 C	21 X
Ireland	Logs	0	0	0	0	0	13 E1	3 E2	2 E2	0 RE2	0 R
	Sawn	0 E2	0 E2	0 E2	0 E2	0 TCF	85 E1	54 E1	18 E3	24 E2	22 TCF
	Ven	0 E2	0 E2	1 E3	0 E2	0	1 E1	1 E1	0 RE2	0 RE2	0 R
	Ply	0 E2	0 E2	0 E2	0 E2	0 TCF	58 E1	46 E1	69 C	84 E2	84
Italy	Logs	0	0	0	0	0 TCF	191 C	286 C	255 C	91 E2	143 TCF
	Sawn	60 E3	100 E2	100 I	100 X	100 X	335 E2	312 C	362 C	336 C	330 TCF
	Ven	0 E2	0 E2	0 E2	0 E2	0 X	77 E2	96 C	101 C	91 C	91 X
	Ply	49 E2	45 E2	50 E2	51 E2	51 X	103 C	105 C	140 E2	74 E2	74 X
Luxembourg	Logs	0	0 I	0	0	0 X	0 RE1	6 E1	2 E1	3 E1	3 X
	Sawn	0	0	0 E2	0 E2	9 TCF	2 E1	7 E8	4 E8	3 E8	0 RTC
	Ven	0 E5	0 E5	0 E2	0 E2	0 ITCF	0 RE1	0 CBR	0 RE3	0 RE3	0 RX
	Ply	0 E5	0 E5	0 E2	0 E2	0 ITCF	4 E1	8 E8	7 E3	8 E3	8 X
Netherlands	Logs	0	0	0	0	0 TCF	22 CB	8 E2	7 E2	7 E2	6 TCF
	Sawn	19 E2	19 E2	20 E2	18 E2	17 TCF	443 E2	465 E2	459 E2	428 E2	385 TCF
	Ven	0 E2	0 E2	0 E2	0 E2	0 TCF	13 E2	16 E2	17 E2	14 E2	13
	Ply	0 E2	0 E2	0 E2	0 E2	0 TCF	194 E2	212 E2	195 E2	263 E2	184
Poland	Logs	0	0	0	0	0 TCF	3 E2	2 E2	6 E2	1 E2	2 TCF
	Sawn	4 E9	5 E2	8 E2	10 E2	10 TCF	37 E2	29 E2	36 E2	39 E2	40 TCF
	Ven	2 E9	3 E2	3 E9	4 E9	5	2 E2	1 E2	2 E2	1 E2	2
	Ply	6 E9	8 E2	12 E9	8 E9	10	10 E2	4 E2	14 E2	17 E2	17
Portugal	Logs	0	0	0	0	0 TCF	151 E2	116 E2	126 E2	129 E2	128
	Sawn	25 E2	25 E2	25 E2	25 E2	40 TCF	115 E2	100 E2	128 E2	90 E2	51 TCF
	Ven	2 E2	2 E2	1 E2	3 E2	3	18 E2	16 E2	10 C	9 E2	9
	Ply	11 E2	11 E2	11 E2	25 E3	10	14 E2	20 E2	21 C	10 E2	10
Spain	Logs	0	0	0	0	0 X	107 E2	170 E2	170 E2	61 E2	61 X
	Sawn	0 E1	0 E2	35 E2	29 E2	15 TCF	541 E2	379 E2	437 E2	278 E2	124 TCF
	Ven	0 E2	0 E2	20 E2	7 E2	7 X	43 E2	41 E2	35 E2	40 E2	40 ITCF
	Ply	144 E2	121 E2	125 E2	111 E3	111 X	3 E2	4 E2	59 E2	6 E2	6 X
Sweden	Logs	0	0	0	0	0 TCF	3 E2	2 E2	4 E2	3 E2	2 TCF
	Sawn	0 E2	0 E2	0 E2	0 E2	0 TCF	17 E2	12 E2	9 E2	6 E2	6 TCF
	Ven	1 E5	1 E2	0 E1	0 E1	0 X	3 E2	3 E2	3 E2	3 E2	3 X
	Ply	0 E2	0 E2	0 E3	0 E3	0 ITCF	5 E2	7 E2	7 E2	11 E2	11 X
U.K.	Logs	0	0	0	0	0 TCF	23 E2	26 E2	17 E2	13 E2	10 TCF
	Sawn	0 E2	0 E2	0 E2	0 E2	0 TCF	195 E2	183 E2	175 E2	133 E2	110 TCF
	Ven	0 E2	0 E2	0 E2	0 E2	0 X	10 I	2 E2	9 E2	10 E2	10 X
	Ply	0 E2	0 E2	0 E2	0 E2	0 X	371 CB	336 CB	367 CB	252 CB	252 X
Europe Non-EU	**Logs**	**0**	**0**	**0**	**0**	**0**	**2**	**64**	**84**	**7**	**7**
	Sawn	**1**	**3**	**3**	**3**	**3**	**24**	**18**	**21**	**21**	**19**
	Ven	**0**	**0**	**0**	**0**	**0**	**1**	**1**	**1**	**0**	**0**
	Ply	**0**	**0**	**0**	**0**	**0**	**9**	**15**	**15**	**12**	**12**
Norway	Logs	0	0	0	0	0 TCF	0 CR	60 E2	81 E2	5 E2	5 TCF
	Sawn	0 E2	0 E2	0 E2	0 E2	0 TCF	3 E2	2 E2	2 E2	2 E2	2 TCF
	Ven	0	0 E2	0 E3	0 E3	0 ITCF	0 RE2	0 RE2	0 RE2	0 RE2	0 RX
	Ply	0 E5	0 E2	0 E3	0 E3	0 ITCF	3 E2	7 E2	10 E2	7 E2	7 X
Switzerland	Logs	0	0	0	0	0 TCF	2 E2	4 E2	3 E2	2 E2	2 TCF
	Sawn	1 E2	3 E2	3 E5	3 E5	3 TCF	21 E2	15 E2	19 E2	19 E2	17 TCF
	Ven	0 E2	0 E2	0 E9	0 E9	0 X	0 RE2	1 E2	0 RE2	0 RE2	0 RX
	Ply	0 E2	0 RE2	0 E2	0 E2	0 X	6 E2	8 E2	5 E2	5 C	5 X
North America	**Logs**	**0**	**0**	**0**	**0**	**0**	**29**	**15**	**11**	**11**	**4**
	Sawn	**0**	**0**	**0**	**0**	**0**	**423**	**402**	**421**	**359**	**291**
	Ven	**0**	**0**	**0**	**0**	**0**	**41**	**32**	**41**	**30**	**30**
	Ply	**0**	**0**	**0**	**0**	**0**	**1991**	**2008**	**1520**	**894**	**894**

Exports					Domestic Consumption						
2005	2006	2007	2008	2009*	2005	2006	2007	2008	2009*	Product	Country
24 E2	17 E2	13 E9	8 E9	6 TCF	459	422	430	362	324	Logs	France
32 E2	35 E2	34 E9	24 E9	20 TCF	561	520	534	424	400	Sawn	
4 E2	2 E2	3 E9	3 E9	3 X	91	102	97	75	75	Ven	
104 E2	130 E2	115 E9	102 E9	102 X	260	246	258	296	325	Ply	
22 E2	20 E2	26 E2	9 E2	10 TCF	75	87	79	57	50	Logs	Germany
80 E2	89 E2	104 E2	75 E2	65 TCF	94	92	67	77	55	Sawn	
19 E3	20 E2	19 E1	16 E1	16 X	26	17	18	24	23	Ven	
43 E3	45 E2	32 C	78 C	78 X	80	88	117	125	125	Ply	
0 RE5	0 CBR	0 CR	0 RE5	0 RX	47	17	36	36	36	Logs	Greece
2 E1	2 E1	1 E1	1	1 TCF	20	41	47	47	47	Sawn	
0 RE1	0 RE1	1 E1	1 E5	1 X	6	8	10	10	10	Ven	
9 E1	11 E1	11 CB	12 C	1 X	20	24	19	31	41	Ply	
0 RE1	0 RE2	0 RE2	0 RE2	0 I	13	3	2	0	0	Logs	Ireland
2 E1	1 E1	1 E3	0 RE2	0 TCF	82	52	18	23	22	Sawn	
0 RE1	0 RE1	0 RE3	0 RE2	0 ITCF	1	1	1	0	0	Ven	
0 RE1	0 RE1	0 CR	0 RE2	0 ITCF	58	46	69	84	84	Ply	
2 E2	1 E2	1 E2	2 E2	1 TCF	189	285	254	89	142	Logs	Italy
19 E2	20 E2	34 E2	24 E2	20 TCF	377	393	429	412	410	Sawn	
7 E2	7 E2	8 C	9 E2	9 X	70	89	93	82	82	Ven	
49 C	64 E2	67 E2	65 E2	65 X	103	85	123	60	60	Ply	
0 RE1	2 E2	0 RE2	0 RE1	0 RX	0	4	2	3	3	Logs	Luxembourg
1 E1	0 CR	0 E1	0 CBR	9 TCF	2	6	4	3	0	Sawn	
0 E1	0 E1	0 E2	0 I	0 X	0	0	0	0	0	Ven	
0 E1	6 E2	1 CB	1 CB	1 X	4	2	6	7	7	Ply	
15 CB	5 E2	3 E2	3 E2	2 TCF	7	3	4	4	4	Logs	Netherlands
84 E2	84 E2	89 E2	79 E2	70 TCF	378	401	390	367	332	Sawn	
3 E2	2 E2	0 RE2	0 RE2	0 R	10	14	16	14	13	Ven	
19 E2	26 E2	19 E2	28 E2	20	175	186	176	235	164	Ply	
0 RE2	0 RE2	0 RE2	0 RE2	0 TCF	3	2	6	1	2	Logs	Portugal
4 E2	4 E2	3 E2	7 E2	7 TCF	37	31	41	41	43	Sawn	
1 E2	0 RE2	0 RE2	0 RE2	0	3	4	5	5	7	Ven	
4 E2	4 E2	11 E2	6 E2	7	12	8	15	18	20	Ply	
4 E2	3 E2	3 E2	1 E2	0 RTCF	147	113	123	127	128	Logs	Portugal
8 E2	6 E2	19 CB	11 E2	3 TCF	132	119	134	104	88	Sawn	
6 E2	7 E2	7 E2	9 E2	9	14	11	4	3	3	Ven	
3 E2	2 E2	8 E2	4 C	4 X	22	29	24	32	17	Ply	
1 E2	1 E2	4 E2	1 E2	1 X	106	169	166	61	61	Logs	Spain
12 E2	20 E2	35 E2	18 E2	8 TCF	529	359	437	289	131	Sawn	
15 E2	11 E2	11 E2	14 E2	14 X	28	30	44	33	33	Ven	
2 E2	1 E2	17 E2	17 I	17 X	145	124	167	101	101	Ply	
0 RE2	0 RE2	0 RE2	0 RE2	0 TCF	3	2	4	2	2	Logs	Sweden
3 E2	2 E2	2 E2	3 E2	3 TCF	14	10	7	3	3	Sawn	
1 E1	2 E2	1 E2	1 E3	1 X	3	2	2	2	2	Ven	
1 E3	1 E1	4 E3	6 E1	6 X	4	6	3	5	5	Ply	
2 CB	0 RE2	0 RE2	1 E2	0 TCF	21	26	17	12	10	Logs	U.K.
7 E2	3 E2	7 E2	6 E2	10 TCF	188	180	167	127	100	Sawn	
3 E2	2 C	2 E2	2 E2	2 X	7	0	7	8	8	Ven	
40 E2	50 E2	32 E2	26 E2	26 X	331	286	335	225	225	Ply	
0	**11**	**4**	**2**	**2**	**2**	**53**	**80**	**5**	**5**	**Logs**	
3	**1**	**1**	**1**	**1**	**22**	**20**	**23**	**23**	**21**	**Sawn**	**Europe**
0	**0**	**0**	**0**	**0**	**1**	**1**	**1**	**0**	**0**	**Ven**	**Non-EU**
0	**0**	**0**	**3**	**2**	**8**	**15**	**14**	**9**	**10**	**Ply**	
0 RE2	11 E2	4 E2	2 E2	2 TCF	0	49	77	3	3	Logs	Norway
0 RE2	0 RE2	0 RE2	0 RE2	0 TCF	3	2	2	1	2	Sawn	
0 RE2	0 RE2	0 I	0 I	0 X	0	0	0	0	0	Ven	
0 RE2	0 RE2	0 RE2	0 RE2	0 ITCF	2	7	10	7	6	Ply	
0 CR	0 CBR	0 CBR	0 CBR	0 TCF	2	4	3	2	2	Logs	Switzerland
3 E2	0 RE2	1 E2	1 E2	1 TCF	19	18	22	21	19	Sawn	
0 RE2	0 RE2	0 RE2	0 RE2	0 RX	0	0	0	0	0	Ven	
0 RE2	0 RE2	0 RE2	3 E2	2 ITCF	6	8	5	3	3	Ply	
1	**2**	**2**	**2**	**2**	**28**	**13**	**9**	**9**	**2**	**Logs**	
52	**63**	**24**	**13**	**24**	**371**	**339**	**397**	**346**	**267**	**Sawn**	**North**
15	**15**	**15**	**4**	**4**	**26**	**17**	**27**	**25**	**25**	**Ven**	**America**
43	**31**	**35**	**43**	**43**	**1948**	**1976**	**1485**	**851**	**851**	**Ply**	

Table 1-1-b. Production, Trade and Consumption of Tropical Timber by ITTO Consumers (1000 m^3)

Country	Product	Production					Imports				
		2005	2006	2007	2008	2009*	2005	2006	2007	2008	2009*
Canada	Logs	0	0	0	0	0 TCF	6 E1	2 E1	2 E1	1 E1	1 TCF
	Sawn	0 E1	0 E1	0 E1	0 E1	0 TCF	69 E1	38 E1	60 E1	54 E8	42 TCF
	Ven	0 E1	0 E1	0 E1	0 E1	0 I	10 E1	4 E1	6 E1	3 E1	3 X
	Ply	0 E1	0 E1	0 E1	0 E1	0 X	95 E1	42 E1	85 E1	94 E1	94 X
U.S.A.	Logs	0	0	0	0	0 TCF	23 C	13 C	9 C	10 C	3 TCF
	Sawn	0 E1	0 E1	0 E1	0 E1	0 TCF	354 E1	364 E1	361 E1	305 E1	249 TCF
	Ven	0 E1	0 E1	0 E1	0 E1	0 ITCF	31 E1	28 E1	35 E1	27 E1	27 X
	Ply	0 E1	0 E1	0 E1	0 E1	0 X	1896 C	1966 C	1435 C	800 C	800 X
North Africa	**Logs**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**1**	**1**	**1**
	Sawn	**1**	**1**	**1**	**1**	**1**	**0**	**3**	**6**	**4**	**4**
	Ven	**0**	**0**	**0**	**0**	**0**	**9**	**9**	**12**	**10**	**10**
	Ply	**8**	**8**	**8**	**8**	**8**	**142**	**97**	**140**	**153**	**153**
Egypt	Logs	0 X	0 X	0 X	0 X	0 X	0 CR	0 CBR	1 CB	1 C	1 X
	Sawn	1 X	1 X	1 X	1 X	1 X	0 CBR	3 CB	6 CB	4 CB	4 X
	Ven	0 X	0 X	0 X	0 X	0 X	9 CB	9 CB	12 CB	10 CB	10 X
	Ply	8 I	8 X	8 X	8 X	8 X	142 CB	97 CB	140 CB	153 CB	153 X
Consumers Total	**Logs**	**3072**	**3075**	**4404**	**5054**	**5154**	**11360**	**10977**	**11213**	**9233**	**7685**
	Sawn	**1098**	**2114**	**2003**	**2360**	**2564**	**7239**	**6283**	**6199**	**5178**	**4944**
	Ven	**972**	**906**	**907**	**875**	**873**	**904**	**861**	**819**	**756**	**633**
	Ply	**6412**	**6410**	**6443**	**6139**	**6155**	**9176**	**9178**	**7544**	**6355**	**6342**
ITTO Total	**Logs**	**134238**	**136659**	**141848**	**141035**	**139968**	**15115**	**14390**	**15057**	**12881**	**10990**
	Sawn	**41709**	**43422**	**43306**	**43975**	**43738**	**10172**	**8748**	**8942**	**8089**	**7205**
	Ven	**3636**	**3457**	**3726**	**4059**	**4134**	**951**	**914**	**873**	**829**	**686**
	Ply	**20083**	**19882**	**19950**	**18384**	**18416**	**9623**	**9632**	**8012**	**6719**	**6686**

Exports					Domestic Consumption						
2005	2006	2007	2008	2009*	2005	2006	2007	2008	2009*	Product	Country
0 CR	0 CR	0 CR	0 C	0 TCF	6	2	2	1	1	Logs	Canada
23 E1	17 E1	0 RE1	0 RE1	0 TCF	46	21	60	54	42	Sawn	
2 E1	4 E1	2 E1	1 E1	1 X	8	0	4	1	1	Ven	
2 E1	1 E1	2 E8	6 E8	6 X	93	41	83	88	88	Ply	
1 E1	1 E1	2 E1	2 E1	2 TCF	22	12	7	8	1	Logs	U.S.A.
29 E1	46 E1	24 E1	13 E1	24 TCF	325	318	337	292	225	Sawn	
13 E1	11 E1	13 E1	3 CB	3 X	18	17	22	24	24	Ven	
41 E1	30 E1	33 E1	37 E1	37 X	1855	1936	1402	763	763	Ply	
0	**0**	**0**	**0**	**0**	**0**	**0**	**1**	**1**	**1**	**Logs**	
0	**0**	**0**	**0**	**0**	**1**	**4**	**6**	**5**	**5**	**Sawn**	**North Africa**
0	**0**	**0**	**0**	**0**	**9**	**9**	**12**	**10**	**10**	**Ven**	
0	**0**	**0**	**0**	**0**	**149**	**105**	**148**	**161**	**161**	**Ply**	
0 C	0 CBR	0 C	0 CR	0 RX	0	0	1	1	1	Logs	Egypt
0 CBR	0 C	0 CBR	0 CBR	0 RX	1	4	6	5	5	Sawn	
0 CBR	0 CBR	0 CBR	0 CBR	0 RX	9	9	12	10	10	Ven	
0 CBR	0 C	0 CBR	0 CR	0 RX	149	105	148	161	161	Ply	
111	**126**	**111**	**79**	**62**	**14320**	**13926**	**15507**	**14209**	**12777**	**Logs**	
619	**649**	**627**	**501**	**399**	**7717**	**7748**	**7575**	**7037**	**7108**	**Sawn**	**Consumers**
98	**144**	**108**	**91**	**84**	**1777**	**1624**	**1618**	**1540**	**1422**	**Ven**	**Total**
1477	**1619**	**920**	**742**	**724**	**14111**	**13969**	**13067**	**11751**	**11773**	**Ply**	
13954	**12878**	**13128**	**11836**	**11443**	**135400**	**138171**	**143777**	**142080**	**139516**	**Logs**	
11264	**11636**	**11803**	**10044**	**9991**	**40618**	**40535**	**40445**	**42021**	**40952**	**Sawn**	**ITTO Total**
1234	**1180**	**1116**	**818**	**817**	**3353**	**3191**	**3484**	**4070**	**4003**	**Ven**	
9740	**10572**	**9733**	**8044**	**8029**	**19966**	**18941**	**18229**	**17059**	**17073**	**Ply**	

Table 1-1-c. Production, Trade and Consumption of All Timber by ITTO Producers (1000 m^3)

Country	Product	Species	Production 2005	Production 2006	Production 2007	Production 2008	Production 2009*	Imports 2005	Imports 2006	Imports 2007	Imports 2008	Imports 2009*
Africa	**Logs**	**All**	**17633**	**18805**	**18175**	**18949**	**18857**	**10**	**1**	**1**	**8**	**8**
		C	**25**	**25**	**25**	**25**	**25**	**0**	**0**	**0**	**1**	**1**
		NC	**17608**	**18780**	**18150**	**18924**	**18832**	**10**	**1**	**1**	**7**	**7**
	Sawn	**All**	**4688**	**4732**	**4688**	**4716**	**4724**	**76**	**8**	**4**	**11**	**11**
		C	**12**	**12**	**12**	**12**	**12**	**68**	**2**	**2**	**7**	**7**
		NC	**4676**	**4720**	**4676**	**4704**	**4712**	**8**	**5**	**2**	**4**	**4**
	Ven	**All**	**757**	**711**	**827**	**919**	**947**	**7**	**0**	**1**	**1**	**1**
		C	**1**	**1**	**1**	**1**	**1**	**0**	**0**	**0**	**0**	**0**
		NC	**756**	**710**	**826**	**918**	**946**	**6**	**0**	**1**	**0**	**0**
	Ply	**All**	**440**	**449**	**436**	**467**	**445**	**41**	**19**	**19**	**26**	**26**
		C	**14**	**14**	**14**	**14**	**14**	**8**	**17**	**13**	**23**	**23**
		NC	**426**	**434**	**422**	**452**	**430**	**32**	**2**	**6**	**3**	**3**
Cameroon	Logs	All	2269 I	2778 I	2274 I	2266 I	2266 X	0	0 CBR	0 CBR	1 RI	1 X
		C	0 I	0 I	0 I	0 X	0 X	0	0 CBR	0 CBR	0 C	0 X
		NC	2269 *	2778 *	2274 *	2266 *	2266 X	0	0 CBR	0 CBR	1 CB	1 X
	Sawn	All	1000 I	1000 I	773 I	773 X	773 X	2 I	0 CBR	1 CB	0 CBR	0 RX
		C	0 I	0 I	0 I	0 X	0 X	0	0 CBR	0 CBR	0 CBR	0 RX
		NC	1000 I	1000 X	773 *	773 X	773 X	2 CB	0 CBR	1 CB	0 CBR	0 RX
	Ven	All	53 I	76 I	85 I	79 I	79 X	0 RI	0 CR	0 RI	0 CBR	0 RX
		C	0 I	0 I	0 I	0 X	0 X	0	0 C	0 C	0 CBR	0 RX
		NC	53 I	76 I	85 I	79 I	79 X	0 CBR	0 CR	0 CBR	0 CBR	0 RX
	Ply	All	36 I	27 I	32 I	24 I	24 X	0 WR	0 CBR	0 CBR	0 CBR	0 RX
		C	0 I	0 I	0 I	0 X	0 X	0 WR	0 CBR	0 CBR	0 CBR	0 RX
		NC	36 I	27 I	32 I	24 I	24 X	0 WR	0 CBR	0 CBR	0 CBR	0 RX
Central African Republic	Logs	All	449 I	620 I	533 I	533 X	533 X	0 I	0 C	0 C	0 C	0 X
		C	0	0	0	0 X	0 X	0 C	0 C	0 C	0 C	0 X
		NC	449 I	620 I	533 I	533 X	533 X	0 CB	0 C	0 C	0 C	0 X
	Sawn	All	69 I	82 I	95 I	95 X	95 X	0 RI	0 FR	0 RI	0 RI	0 RX
		C	0 I	0 I	0 I	0 X	0 X	0 CR	0 FR	0 C	0 C	0 X
		NC	69 I	82 I	95 I	95 X	95 X	0 CBR	0 FR	0 CBR	0 CBR	0 RX
	Ven	All	1 I	1 I	1 I	1 X	1 X	0 CR	0 C	0 C	0 RI	0 RX
		C	0 I	0 I	0 I	0 X	0 X	0 C	0 C	0 C	0 CBR	0 RX
		NC	1 X	1 X	1 X	1 X	1 X	0 CR	0 C	0 C	0 C	0 X
	Ply	All	0 RI	1 I	1 I	1 X	1 X	0 RI	0 RI	0 RI	0 RI	0 RX
		C	0 I	0 I	0 I	0 X	0 X	0 CBR	0 CBR	0 C	0 CBR	0 RX
		NC	0 RI	1 I	1 I	1 X	1 X	0 C	0 C	0 CBR	0 C	0 X
Congo, Dem. Rep.	Logs	All	300 I	300 I	300 I	300 X	300 X	9 I	0 RI	0 CBR	5 CB	5 X
		C	0 I	0 I	0 I	0 X	0 X	0 C	0 C	0 CBR	0 CBR	0 RX
		NC	300 X	300 X	300 X	300 X	300 X	9 CB	0 CBR	0 CBR	4 CB	4 X
	Sawn	All	81 I	92 I	92 I	92 X	92 X	65 CB	1 I	0 CBR	2 CB	2 X
		C	0 I	0 I	0 I	0 X	0 X	64 CB	0 C	0 CBR	0 CBR	0 RX
		NC	81 I	92 I	92 X	92 X	92 X	0 CBR	1 CB	0 CBR	1 CB	1 X
	Ven	All	1 I	3 I	3 I	3 X	3 X	0 RI	0 RI	0 RI	0 RI	0 RI
		C	0 I	0 I	0 I	0 X	0 X	0 C	0 C	0 C	0 C	0 I
		NC	1 X	3 I	3 X	3 X	3 X	0 CBR	0 CBR	0 CBR	0 CBR	0 RX
	Ply	All	1 I	1 I	1 I	1 X	1 X	3 CB	3 CB	3 I	2 CB	2 X
		C	0 I	0 I	0 I	0 X	0 X	2 CB	3 CB	3 CB	2 CB	2 X
		NC	1 X	1 X	1 X	1 X	1 X	1 CB	0 CBR	0 C	0 CBR	0 RX
Congo, Rep.	Logs	All	1369 I	1316 I	1316 I	1981 I	1981 X	0	0	0 RI	1 CB	1 X
		C	0 I	0 I	0 I	0 X	0 X	0	0	0	1 CB	1 X
		NC	1369	1316	1316 X	1981 I	1981 X	0	0	0 CBR	0 CBR	0 RX
	Sawn	All	209 I	268 I	369 I	369 X	369 X	0 CBR	0 RI	0 CBR	0 CR	0 RX
		C	0 I	0 I	0 I	0 X	0 X	0 CBR	0	0 CBR	0 CBR	0 RX
		NC	209	268	369 I	369 X	369 X	0 CBR	0 CBR	0 CBR	0 C	0 X
	Ven	All	14 I	5 I	5 I	10 I	10 X	0 RI	0 RI	0 CBR	0 RI	0 RX
		C	0 I	0 I	0 I	0 X	0 X	0	0	0 CBR	0 CBR	0 RX
		NC	14	5 I	5 X	10 I	10 X	0 CBR	0 CBR	0 CBR	0 C	0 X
	Ply	All	6 I	6 I	6 I	6 X	6 X	5 CB	0 RI	0 CBR	1 CB	1 X
		C	0 I	0 I	0 I	0 X	0 X	5 CB	0 C	0 CBR	1 CB	1 X
		NC	6	6	6 X	6 X	6 X	0 CBR	0 CBR	0 CBR	0 CBR	0 RX
Côte d'Ivoire	Logs	All	1347 I	1408 I	1469 I	1469 X	1469 X	0 CR	0 RI	0 I	0 RI	0 RX
		C	0 I	0 I	0 I	0 X	0 X	0 C	0 C	0 C	0 CR	0 RX
		NC	1347	1408	1469	1469 X	1469 X	0 CR	0 CBR	0 CB	0 CBR	0 RX
	Sawn	All	503 I	442 I	456 I	471 I	471	0 CR	0 RI	0 RI	0 RI	0 RX
		C	0 I	0 I	0 I	0 X	0 X	0 C	0 CBR	0 CBR	0 CBR	0 RX
		NC	503 I	442 I	456 I	471 I	471 X	0 CR	0 CR	0 CR	0 CR	0 RX
	Ven	All	240 I	262 I	313 I	396 X	396 X	0 RI	0 RI	0 RI	0 RI	0 RX
		C	0 I	0 I	0 I	0 X	0 X	0 CBR	0 CR	0 CR	0 CR	0 RX
		NC	240	262 I	313 I	396 I	396 X	0 CR	0 CB	0 CBR	0 CBR	0 RX
	Ply	All	61 I	88 I	82 I	81 I	81 X	0 CR	0 RI	0 CR	0 CR	0 RX
		C	0 I	0 I	0 I	0 X	0 X	0 CR	0 CBR	0 CR	0 CR	0 RX
		NC	61	88 I	82 I	81 I	81 X	0 CR	0 C	0 CBR	0 CR	0 RX
Gabon	Logs	All	3200 I	3500 I	3400 I	3400 X	3400 X	0	0	0	0	0 X
		C	0 I	0 I	0 I	0 X	0 X	0	0	0	0	0 X
		NC	3200	3500	3400	3400 X	3400 X	0	0	0	0	0 X
	Sawn	All	230 I	235 I	296 I	296 X	296 X	0 RI	0 CR	0	0	0 X
		C	0 I	0 I	0 I	0 X	0 X	0 R	0 CR	0	0	0 X
		NC	230	235	296 *	296 X	296 X	0 CR	0 CR	0	0	0 X
	Ven	All	145 I	150 I	182 I	182 X	182 X	2	0 CR	0 RI	0 RI	0 RX
		C	0 I	0 I	0 I	0 X	0 X	0	0	0	0	0 X
		NC	145	150	182	182 X	182 X	2	0 CR	0 CBR	0 CBR	0 RX
	Ply	All	146 I	142 I	85 I	85 X	85 X	27 I	0 CR	1 CB	0 CBR	0 RX
		C	0 I	0 I	0 I	0 X	0 X	1 C	0 CR	0 CBR	0 CBR	0 RX
		NC	146 I	142	85	85 X	85 X	26	0 CR	0 CBR	0 CB	0 X

Exports					Domestic Consumption							
2005	2006	2007	2008	2009*	2005	2006	2007	2008	2009*	Species	Product	Country
2997	**3422**	**3550**	**3306**	**3560**	**14647**	**15384**	**14625**	**15651**	**15305**	**All**	**Logs**	
0	**0**	**0**	**0**	**0**	**25**	**25**	**25**	**26**	**26**	**C**		
2996	**3422**	**3550**	**3306**	**3560**	**14621**	**15359**	**14600**	**15625**	**15279**	**NC**		
1880	**1727**	**1872**	**1694**	**1704**	**2884**	**3012**	**2820**	**3032**	**3032**	**All**	**Sawn**	
0	**1**	**1**	**1**	**1**	**80**	**14**	**13**	**18**	**18**	**C**		
1880	**1727**	**1872**	**1693**	**1703**	**2804**	**2999**	**2806**	**3014**	**3014**	**NC**		
389	**353**	**321**	**303**	**309**	**375**	**359**	**506**	**616**	**639**	**All**	**Ven**	**Africa**
0	**0**	**0**	**0**	**0**	**1**	**1**	**1**	**1**	**1**	**C**		
389	**353**	**321**	**303**	**309**	**374**	**358**	**505**	**615**	**638**	**NC**		
135	**194**	**263**	**214**	**211**	**346**	**274**	**192**	**278**	**260**	**All**	**Ply**	
0	**0**	**0**	**0**	**0**	**22**	**31**	**27**	**37**	**37**	**C**		
135	**194**	**263**	**214**	**211**	**324**	**243**	**165**	**241**	**222**	**NC**		
146 I	316 I	266 I	258 I	265 I	2123	2462	2008	2009	2002	All	Logs	Cameroon
0 C	0 C	0 C	0 C	0 X	0	0	0	0	0	C		
146 *	316 *	266 *	258 *	265 I	2123	2462	2008	2009	2002	NC		
661 I	601 I	613 I	578 I	578 X	341	399	161	195	195	All	Sawn	
0 C	0 C	0 C	0 C	0 X	0	0	0	0	0	C		
661 *	601 *	613 *	578 *	578 X	341	399	161	195	195	NC		
39 I	57 I	64 I	59 I	59 X	14	19	21	20	20	All	Ven	
0 C	0 C	0 C	0 C	0 X	0	0	0	0	0	C		
39 CB	57 *	64 *	59 *	59 X	14	19	21	20	20	NC		
23 I	20 I	24 I	18 I	18 X	14	7	8	6	6	All	Ply	
0 I	0 I	0 C	0 C	0 X	0	0	0	0	0	C		
23	20 *	24 *	18 *	18 X	14	7	8	6	6	NC		
87 I	97 I	78 I	81 I	81 X	363	522	455	452	452	All	Logs	Central
0 I	0 I	0 C	0 C	0 X	0	0	0	0	0	C		African
87 CB	97 CB	78 CB	81 CB	81 X	363	522	455	452	452	NC		Republic
10 I	18 I	19 I	22 I	22 X	59	64	76	73	73	All	Sawn	
0 I	0 I	0 C	0 C	0 X	0	0	0	0	0	C		
10 CB	18 CB	19 CB	22 CB	22 X	59	64	76	73	73	NC		
0 RI	0 RI	0 RI	0 RI	0 RX	1	1	1	1	1	All	Ven	
0 I	0 I	0 C	0 C	0 X	0	0	0	0	0	C		
0 CBR	0 CBR	0 CBR	0 CBR	0 RX	1	1	1	1	1	NC		
0 I	0 I	0 I	0 I	0 X	0	1	1	1	1	All	Ply	
0 I	0 I	0 I	0 I	0 X	0	0	0	0	0	C		
0 C	0 CB	0 CB	0 CB	0 X	0	1	1	1	1	NC		
127 I	205 I	298 I	226 I	226 X	182	95	2	79	79	All	Logs	Congo, Dem.
0 I	0 I	0 I	0 I	0 X	0	0	0	0	0	C		Rep.
127 CB	205 CB	298 CB	226 CB	226 X	182	95	2	79	79	NC		
44 I	74 I	62 I	61 I	62 X	102	19	30	33	32	All	Sawn	
0 I	0 I	0 I	0 I	0 X	64	0	0	0	0	C		
44 CB	74 CB	62 CB	61 CB	61 X	37	19	30	32	32	NC		
1 I	2 I	1 I	1 I	1 X	0	1	2	2	2	All	Ven	
0 I	0 I	0 I	0 I	0 X	0	0	0	0	0	C		
1 CB	2 CB	1 CB	1 CB	1 X	0	1	2	2	2	NC		
0 RI	0 RI	0 RI	0 RI	0 X	4	4	4	3	3	All	Ply	
0 I	0 I	0 I	0 I	0 X	2	3	3	2	2	C		
0 CBR	0 CBR	0 CBR	0 CBR	0 RX	2	1	1	1	1	NC		
710 I	633 I	649 I	612 I	770 I	659	683	667	1370	1212	All	Logs	Congo, Rep.
0 I	0 I	0 I	0 I	0 X	0	0	0	1	1	C		
710	633	649 CB	612 CBI	770 I	659	683	667	1369	1211	NC		
163 I	181 I	283 I	265 I	265 X	46	86	86	104	104	All	Sawn	
0 I	0 I	0 I	0 I	0 I	0	0	0	0	0	C		
163 F	181 F	283 I	265 CBI	265 X	46	86	86	104	104	NC		
5 I	2 I	4 I	9 I	9 X	10	3	1	1	1	All	Ven	
0 I	0 I	0 I	0 I	0 X	0	0	0	0	0	C		
5 CB	2 CB	4 CB	9 CB	9 X	10	3	1	1	1	NC		
2 I	3 I	2 I	1 I	1 I	10	3	4	6	6	All	Ply	
0 I	0 I	0 I	0 I	0 X	5	0	0	1	1	C		
2 CB	3 CB	2 CBI	1 CB	1 X	5	3	4	5	5	NC		
142 I	138 I	110 I	125 I	125 X	1204	1271	1358	1344	1344	All	Logs	Côte d'Ivoire
0 I	0 I	0 I	0 I	0 X	0	0	0	0	0	C		
142	138 CB	110 CBI	125 CB	125 X	1204	1271	1358	1344	1344	NC		
501 I	364 I	327 I	252 I	252 X	2	78	130	219	219	All	Sawn	
0 I	0 I	0 I	0 I	0 X	0	0	0	0	0	C		
501 CB	364 C	327 C	252 C	252 X	2	78	130	219	219	NC		
108 I	94 I	102 I	103 I	103 X	133	168	210	293	294	All	Ven	
0 I	0 I	0 I	0 I	0 X	0	0	0	0	0	C		
108 C	94 C	102 C	103 C	103 X	133	168	210	293	293	NC		
29 I	23 I	50 I	11 I	11 X	32	65	33	70	70	All	Ply	
0 I	0 I	0 I	0 I	0 I	0	0	0	0	0	C		
29 CB	23 C	50 C	11 C	11 X	32	65	32	70	70	NC		
1586 I	1769 I	1938 I	1757 I	1870 I	1614	1731	1462	1643	1530	All	Logs	Gabon
0 I	0 I	0 I	0 I	0 X	0	0	0	0	0	C		
1586	1769	1938	1757 CBI	1870 I	1614	1731	1462	1643	1530	NC		
207 I	207 I	253 I	157 I	157 X	23	28	43	139	139	All	Sawn	
0 I	0 I	0 I	0 I	0 X	0	0	0	0	0	C		
207	207	253	157 CB	157 X	23	28	43	139	139	NC		
138 I	125 I	81 I	62 I	62 X	9	25	101	120	120	All	Ven	
0 I	0 I	0 I	0 I	0 X	0	0	0	0	0	C		
138 C	125	81 CB	62 CB	62 X	9	25	101	120	120	NC		
23 I	45 I	58 I	46 I	46 X	150	97	28	39	39	All	Ply	
0 I	0 I	0 I	0 I	0 X	1	0	0	0	0	C		
23 CB	45	58	46 CB	46 X	149	97	27	39	39	NC		

Table 1-1-c. Production, Trade and Consumption of All Timber by ITTO Producers (1000 m^3)

Country	Product	Species	Production 2005	2006	2007	2008	2009*	Imports 2005	2006	2007	2008	2009*
Ghana	Logs	All	1220 I	1324 I	1324 I	1412 I	1320 I	0	0	0	0	0 I
		C	20 X	20 X	20 X	20 X	20 X	0	0	0	0	0
		NC	1200	1304	1304	1392	1300	0	0	0	0	0 X
	Sawn	All	530 I	537 I	530 I	523 I	532 I	1 I	5 CB	1 CB	6 CB	6 X
		C	10 X	10 X	10 X	10 X	10 X	1 CB	2 CB	1 CB	5 CB	5 X
		NC	520	527	520	513	522	1	4 CB	0 CBR	0 CBR	0 RX
	Ven	All	301 I	213 I	236 I	246 I	274 I	0	0 RI	0 RI	0 RI	0 RX
		C	1 X	1 X	1 X	1 X	1 X	0	0	0	0	0 X
		NC	300	212	235	245	273	0	0 CBR	0 CBR	0 CR	0 RX
	Ply	All	133 I	128 I	173 I	213 I	191 I	0 CR	0 CR	1 CB	2 CB	2 X
		C	13 X	13 X	13 X	13 X	13 X	0 CR	0 CR	0 CBR	2 CB	2 X
		NC	120	115	160	200	178	0 CR	0 CR	0 CBR	0 CBR	0 RX
Liberia	Logs	All	280 I	360 I	360 I	360 X	360 X	0 CBR	0 RI	0 C	0 C	0 I
		C	0 I	0 I	0 I	0 X	0 X	0 CBR	0 C	0 C	0 C	0 I
		NC	280 F	360 F	360 F	360 X	360 X	0 CBR	0 CBR	0 C	0 C	0 I
	Sawn	All	50 F	60	60	80	80 I	2 I	0 CBR	0 CBR	0 CBR	0 RX
		C	0 I	0	0	0	0 X	2 CB	0 CBR	0 CBR	0 CBR	0 RX
		NC	50 F	60	60	80	80 I	0 F	0 CBR	0 CBR	0 CBR	0 RX
	Ven	All	0 I	0 I	0	0	0	0 RI	0 C	0 RI	0 C	0 I
		C	0 I	0 I	0	0	0 X	0 CBR	0 C	0 C	0 C	0 I
		NC	0 X	0 X	0	0	0 X	0 C	0 C	0 CBR	0 C	0 I
	Ply	All	0 I	0 I	0	0	0	3 CB	1 CB	0 CBR	0 C	0 X
		C	0 I	0 I	0	0	0 X	0 CBR	1 CB	0 CBR	0 C	0 X
		NC	0 X	0 X	0	0	0 X	3 CB	0 CBR	0 CBR	0 C	0 X
Nigeria	Logs	All	7105 X	7105 X	7105 X	7105 X	7105 X	1 I	1 I	1 C	1 C	1 X
		C	5 X	5 X	5 X	5 X	5 X	0 CBR	0 C	0 CR	0 C	0 X
		NC	7100 X	7100 X	7100 X	7100 X	7100 X	1 F	1 F	1 C	1 C	1 X
	Sawn	All	2002 X	2002 X	2002 X	2002 X	2002 X	0 CBR	0 CBR	1 I	3 C	3 X
		C	2 X	2 X	2 X	2 X	2 X	0 CBR	0 CBR	0 FR	1 C	1 X
		NC	2000 X	2000 X	2000 X	2000 X	2000 X	0 CBR	0 CBR	0 CR	2 C	2 X
	Ven	All	0 RI	0 RI	1 I	1 X	1 X	5 CBR	0 CBR	0 RI	0 CR	0 RX
		C	0 X	0 X	0 X	0 X	0 X	0 CBR	0 CBR	0 CBR	0 CR	0 RX
		NC	0 RI	0 RI	1 I	1 X	1 X	5 CB	0 CBR	0 CR	0 CR	0 RX
	Ply	All	56 I	56 X	56 X	56 X	56 X	0 C	14 I	12 I	15 I	15 X
		C	1 I	1 X	1 X	1 X	1 X	0 C	12 C	7 C	12 C	12 X
		NC	55 X	55 X	55 X	55 X	55 X	0 C	2 CB	4 CB	2 CB	2 X
Togo	Logs	All	94 I	94 I	94 I	123 I	123 X	0 RI	0 RI	0 CR	0 RI	0 RX
		C	0 I	0 I	0 I	0 X	0 X	0	0	0 CR	0 C	0 X
		NC	94	94 X	94 X	123 I	123 X	0 CBR	0 CBR	0 CR	0 CBR	0 RX
	Sawn	All	14 I	14 I	14 I	14 X	14 X	4	0 RI	1 I	0 RI	0 RX
		C	0 I	0 I	0 I	0 X	0 X	0	0	0 CR	0 C	0 X
		NC	14	14	14 X	14 X	14 X	4	0 CBR	0 CBR	0 CBR	0 RX
	Ven	All	1 I	1 I	1 I	1 X	1 X	0	0	0 CR	0 RI	0 RX
		C	0 I	0 I	0 I	0 X	0 X	0	0	0 C	0 C	0 X
		NC	1 X	1 X	1 X	1 X	1 X	0	0	0 CR	0 CBR	0 RX
	Ply	All	0 I	0 I	0 I	0 X	0 X	1	0 RI	0 CR	5 I	5 X
		C	0 I	0 I	0 I	0 X	0 X	0	0 I	0 CR	5 CB	5 X
		NC	0 X	0 X	0 X	0 X	0 X	1	0 CBR	0 CR	0 C	0 X
Asia-Pacific	**Logs**	**All**	**85260**	**89303**	**93022**	**90795**	**90921**	**4549**	**4333**	**5419**	**5299**	**5340**
		C	**5356**	**5507**	**5538**	**5511**	**5512**	**527**	**583**	**855**	**815**	**825**
		NC	**79904**	**83796**	**87484**	**85284**	**85409**	**4021**	**3750**	**4563**	**4484**	**4516**
	Sawn	**All**	**29224**	**29399**	**29264**	**28501**	**28659**	**3692**	**3613**	**3476**	**3374**	**2784**
		C	**10033**	**10057**	**10057**	**10057**	**10057**	**401**	**466**	**453**	**385**	**401**
		NC	**19191**	**19342**	**19207**	**18444**	**18602**	**3291**	**3147**	**3022**	**2989**	**2383**
	Ven	**All**	**1626**	**1564**	**1777**	**2016**	**2056**	**121**	**112**	**105**	**120**	**110**
		C	**95**	**91**	**97**	**98**	**98**	**21**	**33**	**37**	**35**	**35**
		NC	**1531**	**1473**	**1680**	**1918**	**1958**	**99**	**79**	**68**	**84**	**76**
	Ply	**All**	**12404**	**12830**	**12842**	**11608**	**12013**	**448**	**669**	**586**	**555**	**633**
		C	**898**	**987**	**982**	**972**	**972**	**231**	**405**	**365**	**400**	**438**
		NC	**11505**	**11843**	**11860**	**10636**	**11041**	**217**	**264**	**221**	**155**	**195**
Cambodia	Logs	All	118 I	118 I	118 I	118 X	118 X	0 RI	0 C	0 C	0 C	0 X
		C	5 X	5 X	5 X	5 X	5 X	0 C	0 C	0 C	0 C	0 X
		NC	113 F	113 F	113 F	113 X	113 X	0 CBR	0 C	0 C	0 C	0 X
	Sawn	All	74 I	74 X	74 X	74 X	74 X	1 CB	0 FR	1 CB	1 CB	1 X
		C	2 X	2 X	2 X	2 X	2 X	0 CBR	0 FR	0 CBR	1 CB	1 X
		NC	72 I	72 X	72 X	72 X	72 X	1 CB	0 FR	1 CB	0 CBR	0 RX
	Ven	All	20 I	20 X	20 X	20 X	20 X	0 RI	0 RI	0 RI	0 I	0 X
		C	0 I	0 X	0 X	0 X	0 X	0 C	0 C	0 C	0 C	0 X
		NC	20 X	20 X	20 X	20 X	20 X	0 CBR	0 CBR	0 CBR	0 CB	0 X
	Ply	All	12 X	12 X	12 X	12 X	12 X	0 RI	0 C	0 CBR	2 CB	2 X
		C	2 X	2 X	2 X	2 X	2 X	0 C	0 C	0 CBR	2 CB	2 X
		NC	10 X	10 X	10 X	10 X	10 X	0 CBR	0 C	0 CBR	0 CBR	0 RX
Fiji	Logs	All	466	466 X	466 X	466 X	466 X	0 CR	0 CBR	0 RI	0 RI	0 RX
		C	300	300 X	300 X	300 X	300 X	0 CR	0 CB	0 C	0 C	0 X
		NC	166	166 X	166 X	166 X	166 X	0 CR	0 CBR	0 CBR	0 CBR	0 RX
	Sawn	All	95 I	90	90 X	90 X	90 X	6 I	6 CB	3 C	6 CB	6 X
		C	40	45	45 X	45 X	45 X	5 CB	6 CB	3 C	6 CB	6 X
		NC	55 I	45	45 X	45 X	45 X	1 C	0 CBR	1 C	0 CBR	0 RX
	Ven	All	9 X	9 X	9 X	9 X	9 X	0 CR	0 CR	1 C	0 CBR	0 RX
		C	1 X	1 X	1 X	1 X	1 X	0 CR	0 CR	0 CR	0 CBR	0 RX
		NC	8 X	8 X	8 X	8 X	8 X	0 CR	0 CR	0 CR	0 CBR	0 RX
	Ply	All	11 X	11 X	11 X	11 X	11 X	2 C	3 I	1 I	2 CB	2 X
		C	3 X	3 X	3 X	3 X	3 X	1 C	1 C	1 C	2 CB	2 X
		NC	8 X	8 X	8 X	8 X	8 X	0 CR	2 CB	0 CBR	0 CBR	0 RX

Exports					Domestic Consumption							
2005	2006	2007	2008	2009*	2005	2006	2007	2008	2009*	Species	Product	Country
116 I	175 I	75 I	87 I	60 I	1104	1149	1249	1325	1260	All	Logs	Ghana
0 I	0 I	0 I	0 I	0 X	20	20	20	20	20	C		
116 CB	175 CB	75	87	60	1084	1129	1229	1305	1240	NC		
253 I	210 I	206 I	191 I	200 I	278	333	326	337	338	All	Sawn	
0 I	0 I	0 I	0 I	0 X	11	12	11	15	15	C		
253	210 I	206	191	200	267	321	315	322	322	NC		
98 I	71 I	68 I	70 I	75 I	203	142	168	177	199	All	Ven	
0 I	0 I	0 I	0 I	0 X	1	1	1	1	1	C		
98	71 I	68	70	75	202	141	167	176	198	NC		
58 I	104 I	129 I	138 I	135 I	76	24	45	77	58	All	Ply	
0 I	0 I	0 I	0 I	0 X	13	13	13	15	15	C		
58	104 I	129	138	135	62	11	32	62	43	NC		
0 I	0 I	0 I	1 I	5 I	280	360	360	359	355	All	Logs	Liberia
0 I	0 I	0 I	0 I	0 X	0	0	0	0	0	C		
0	0	0 C	1 I	5 I	280	360	360	359	355	NC		
0 I	0 RI	0 RI	0 RI	1 I	52	60	60	80	79	All	Sawn	
0 I	0 I	0 I	0 I	0 X	2	0	0	0	0	C		
0	0 CBR	0 CBR	0 RI	1 I	50	60	60	80	79	NC		
0 I	0 I	0 C	0 C	0 X	0	0	0	0	0	All	Ven	
0 I	0 I	0 C	0 C	0 X	0	0	0	0	0	C		
0	0	0 C	0 C	0 X	0	0	0	0	0	NC		
0 I	0 I	0 C	0 C	0 X	3	1	0	0	0	All	Ply	
0 I	0 I	0 C	0 C	0 X	0	1	0	0	0	C		
0	0	0 C	0 C	0 X	3	0	0	0	0	NC		
38 I	32 I	70 I	64 I	64 X	7067	7073	7036	7042	7042	All	Logs	Nigeria
0 CBR	0 CBR	0 CB	0 I	0 X	5	5	5	5	5	C		
38 CBI	32 CBI	70 CBI	64 CB	64 X	7062	7068	7031	7037	7037	NC		
40 CB	70 CB	108 CB	163 CB	163 X	1963	1932	1894	1842	1842	All	Sawn	
0 CBR	1 CB	1 CB	1 CB	1 X	2	2	2	2	2	C		
39 CB	69 CB	107 CB	163 CB	163 X	1961	1931	1893	1840	1840	NC		
0 CBR	0 CBR	0 CBR	0 CBR	0 RX	5	0	1	1	1	All	Ven	
0 CBR	0 CBR	0 CBR	0 CB	0 RX	0	0	0	0	0	C		
0 CBR	0 CBR	0 CBR	0 CBR	0 RX	5	0	1	1	1	NC		
0 CBR	0 CBR	0 CBR	0 CBR	0 RX	56	70	68	71	71	All	Ply	
0 CBR	0 CBR	0 CBR	0 CBR	0 RX	1	14	9	14	14	C		
0 CBR	0 CBI	0 CBR	0 CBR	0 RX	55	57	59	57	57	NC		
45 I	56 I	66 I	95 I	95 X	49	38	28	29	29	All	Logs	Togo
0 I	0 I	0 I	0 I	0 X	0	0	0	0	0	C		
45 CB	56 CB	66 CB	95 CB	95 X	49	38	28	29	29	NC		
1 I	2 I	2 I	4 I	4 X	17	12	13	11	11	All	Sawn	
0 I	0 I	0 I	0 I	0 X	0	0	0	0	0	C		
1 CB	2 CB	2 CB	4 CB	4 X	17	12	13	11	11	NC		
0 RI	0 RI	0 RI	0 I	0 X	1	1	1	1	1	All	Ven	
0 I	0 I	0 I	0 I	0 X	0	0	0	0	0	C		
0 CBR	0 CBR	0 CBR	0 CB	0 X	1	1	1	1	1	NC		
0 RI	0 I	0 I	0 I	0 X	1	0	0	5	5	All	Ply	
0 I	0 I	0 I	0 I	0 X	0	0	0	5	5	C		
0 CBR	0 I	0 I	0 I	0 X	1	0	0	0	0	NC		
10869	**9223**	**9423**	**8395**	**7806**	**78940**	**84413**	**89018**	**87700**	**88455**	**All**	**Logs**	
221	**222**	**274**	**145**	**146**	**5662**	**5868**	**6119**	**6181**	**6191**	**C**		
10647	**9001**	**9148**	**8250**	**7660**	**73278**	**78545**	**82899**	**81518**	**82264**	**NC**		
7902	**8635**	**7824**	**7117**	**7093**	**25014**	**24377**	**24916**	**24758**	**24350**	**All**	**Sawn**	
112	**41**	**74**	**106**	**81**	**10323**	**10482**	**10436**	**10336**	**10377**	**C**		
7791	**8594**	**7750**	**7011**	**7012**	**14691**	**13895**	**14480**	**14422**	**13973**	**NC**		
562	**529**	**544**	**389**	**400**	**1185**	**1147**	**1338**	**1747**	**1767**	**All**	**Ven**	**Asia-Pacific**
25	**33**	**26**	**16**	**29**	**91**	**91**	**108**	**117**	**104**	**C**		
536	**496**	**518**	**373**	**371**	**1094**	**1056**	**1231**	**1629**	**1662**	**NC**		
8146	**9128**	**9049**	**7724**	**7735**	**4706**	**4371**	**4379**	**4440**	**4911**	**All**	**Ply**	
922	**1123**	**1088**	**1027**	**1035**	**208**	**269**	**259**	**345**	**375**	**C**		
7224	**8005**	**7961**	**6697**	**6700**	**4498**	**4102**	**4120**	**4094**	**4535**	**NC**		
3 I	0 RI	16 CB	3 CB	3 X	115	118	102	115	115	All	Logs	Cambodia
0 C	0 C	0 CB	0 CB	0 X	5	5	5	5	5	C		
3 F	0 CBR	16 CB	3 CB	3 X	110	113	97	110	110	NC		
56 CB	28 I	35 CB	17 CB	17 X	19	46	40	58	58	All	Sawn	
0 CBR	1 CB	0 CBR	0 CB	0 X	2	2	2	3	3	C		
56 CB	28 F	34 CB	17 CB	17 X	17	44	38	55	55	NC		
0 RI	0 RI	2 CB	0 C	0 X	20	20	18	20	20	All	Ven	
0 C	0 C	0 C	0 C	0 X	0	0	0	0	0	C		
0 CBR	0 CBR	2 CB	0 C	0 X	20	20	18	20	20	NC		
5 CB	1 CB	1 CB	0 CB	0 X	7	11	12	13	13	All	Ply	
1 CB	0 CBR	0 CBR	0 CBR	0 RX	1	2	2	3	3	C		
5 CB	1 CB	0 CBR	0 CB	0 X	6	9	10	10	10	NC		
1 I	0 CBR	0 CBR	0 RI	0 RX	465	466	466	466	466	All	Logs	Fiji
0 CR	0 CB	0 CB	0 C	0 X	300	300	300	300	300	C		
1 CB	0 CBR	0 CBR	0 CBR	0 RX	166	166	166	166	166	NC		
21 I	14 CB	13 CB	10 CB	10 X	80	82	80	86	86	All	Sawn	
7 C	3 CB	1 CB	2 CB	2 X	38	48	46	49	49	C		
14 CB	11 CB	12 CB	8 CB	8 X	42	34	34	37	37	NC		
0 CBR	0 CBR	0 CBR	0 CBR	0 RX	9	9	10	9	9	All	Ven	
0 CBR	0 CBR	0 CR	0 CB	0 X	1	1	1	1	1	C		
0 CBR	0 CBR	0 CBR	0 CBR	0 RX	8	8	8	8	8	NC		
3 I	2 CB	2 CB	2 CB	2 X	9	12	10	11	11	All	Ply	
1 CB	1 CB	1 CB	1 CB	1 X	3	3	3	4	4	C		
2 C	0 CBR	1 CB	1 CB	1 X	6	9	7	7	7	NC		

Table 1-1-c. Production, Trade and Consumption of All Timber by ITTO Producers (1000 m^3)

Country	Product	Species	Production 2005	2006	2007	2008	2009*	Imports 2005	2006	2007	2008	2009*
India	Logs	All	23191 F	23192 F	23192 F	23192 X	23192 X	3748 I	3608 I	4652 I	4792 I	4853 I
		C	2879 F	2879 F	2879 F	2879 X	2879 X	452 CB	500 CB	793 CB	747 CB	747 X
		NC	20312 F	20313 F	20313 F	20313 X	20313 X	3296 C	3108 C	3859 C	4045 C	4106 GI
	Sawn	All	14789 F	14789 F	14789 F	14789 X	14789 X	76 I	72 CB	57 C	83 C	87 GI
		C	9900 F	9900 F	9900 F	9900 X	9900 X	28 F	18 CB	13 C	26 C	41 GI
		NC	4889 F	4889 F	4889 F	4889 X	4889 X	47 I	54 C	45 C	56 C	47 GI
	Ven	All	280 I	280 X	285 I	290 I	290 X	9 I	15 C	17 C	25 C	19 GI
		C	10 X	10 X	15 I	20 I	20 X	5 C	5 C	5 C	7 C	4 GI
		NC	270	270 X	270 X	270 X	270 X	4 CB	11 C	12 C	18 C	15 GI
	Ply	All	2174 I	2154 I	2154 X	2154 X	2521 X	39 CB	31 CB	50 CB	66 CB	106 I
		C	44 I	24 I	24 X	24 X	24 X	8 CB	17 CB	34 CB	43 CB	43 X
		NC	2130	2130 X	2130 X	2130 X	2497 X	31 CB	14 CB	16 CB	23 CB	63 GI
Indonesia	Logs	All	24233	29733 I	36010	35992 I	35992 X	116 W	64 W	52 W	60 W	60 X
		C	1643 I	1840 I	1840 X	1842 I	1842 X	31 W	14 W	7 W	7 W	7 X
		NC	22590 I	27893 F	34170 I	34150 I	34150 X	84 W	50 W	45 W	53 W	53 X
	Sawn	All	4330 X	4330 X	4330 X	4169 I	4169 X	204 W	263 W	262 W	289 W	289 X
		C	0 X	0 X	0 X	0 X	0 X	107 W	161 W	136 W	155 W	155 X
		NC	4330 X	4330 X	4330 X	4169 I	4169 X	98 W	102 W	126 W	134 W	134 X
	Ven	All	227 X	256	299	284 I	284 X	14 W	23 W	27 W	28 W	28 X
		C	72 X	68 I	68 X	64 I	64 X	5 W	8 W	11 W	13 W	13 X
		NC	155 X	188 I	231 I	220 I	220 X	9 W	14 W	16 W	15 W	15 X
	Ply	All	4534	4534 I	4534 X	3990 I	3990 X	32 W	90 W	73 I	60 I	60 X
		C	714 I	800 I	800 X	790 I	790 X	18 W	48 W	46 W	39 W	39 X
		NC	3820 I	3734 I	3734 X	3200 I	3200 X	14 W	43 W	28 CB	21 CB	21 X
Malaysia	Logs	All	24483	22475	20072	18012	18012 X	52 CB	90 CB	81 CB	66 CB	66 X
		C	264	233	264	235	235 X	21 CB	52 CB	36 CB	43 CB	43 X
		NC	24219	22242	19808	17777	17777 X	31 CB	38 CB	46 CB	23 CB	23 X
	Sawn	All	5193 I	5149 I	5084 I	4486 I	4486 X	1101 I	1073 I	923 I	543 I	543 X
		C	20 X	20 X	20 X	20 X	20 X	58 CB	101 CB	83 CB	57 CB	57 X
		NC	5173	5129	5064	4466	4466 X	1043	972	841 C	486 C	486 X
	Ven	All	680 I	622 I	742 I	1015 I	1015 X	22 C	24 C	24 C	28 C	28 X
		C	10 X	10 X	10 X	10 X	10 X	6 C	7 C	8 C	7 C	7 X
		NC	670	612	732	1005	1005 X	16 C	17 C	16 C	21 C	21 X
	Ply	All	5126 I	5563 I	5601 I	4957 I	4957 X	54 CB	129 CB	113 CB	130 CB	130 X
		C	120 X	130 I	120 I	120 X	120 X	41 CB	88 CB	75 CB	84 CB	84 X
		NC	5006	5433	5481	4837	4837 I	13 CB	41 CB	38 CB	47 CB	47 X
Myanmar	Logs	All	4262 I	4245 I	4245 X	4245 X	4245 X	0	0	0 C	0 C	0 X
		C	215 I	200 I	200 X	200 X	200 X	0	0	0 C	0 C	0 X
		NC	4047 I	4045 I	4045 X	4045 X	4045 X	0	0	0 C	0 C	0 X
	Sawn	All	1530 I	1610 I	1610 X	1610 X	1610 X	0 CBR	0 RI	0 RI	0 RI	0 RX
		C	61 I	80 I	80 X	80 X	80 X	0 CBR	0 C	0 C	0 C	0 X
		NC	1469 I	1530 F	1530 X	1530 X	1530 X	0 CBR	0 CBR	0 CBR	0 CBR	0 RX
	Ven	All	22 X	22 X	32 I	32 X	32 X	0	0 I	0 CBR	0 RI	0 RX
		C	2 X	2 X	2 X	2 X	2 X	0	0 CB	0 CBR	0 CBR	0 RX
		NC	20 X	20 X	30 I	30 X	30 X	0	0 C	0 CBR	0 C	0 X
	Ply	All	110 I	112 I	116 I	116 X	116 X	0 CBR	1 CB	4 CB	2 CB	2 X
		C	13 I	26 I	30 I	30 X	30 X	0 CBR	0 CBR	3 CB	2 CB	2 X
		NC	97 I	86 I	86 X	86 X	86 X	0 CBR	0 CBR	0 CBR	0 CB	0 X
Papua New Guinea	Logs	All	2536 I	2908 I	2908 X	2908 X	2908 X	0 I	0 C	0 C	0 C	0 X
		C	50 X	50 X	50 X	50 X	50 X	0 I	0 C	0 C	0 C	0 X
		NC	2486 I	2858 I	2858 X	2858 X	2858 X	0 I	0 C	0 C	0 C	0 X
	Sawn	All	61 I	61 X	61 X	61 X	61 X	0 RI	0 I	0 RI	0 RI	0 RX
		C	10 X	10 X	10 X	10 X	10 X	0 CBR	0 C	0 CBR	0 CBR	0 RX
		NC	51 I	51 X	51 X	51 X	51 X	0 C	0 CB	0 C	0 C	0 X
	Ven	All	80 X	80 X	81 I	81 X	81 X	0 RI	0 RI	0 RI	0 RI	0 RX
		C	0 X	0 X	1 I	1 X	1 X	0 CR	0 C	0 C	0 C	0 X
		NC	80 X	80 X	80 X	80 X	80 X	0 CBR	0 CBR	0 CBR	0 CBR	0 RX
	Ply	All	12 X	12 X	13 I	13 X	13 X	1 CB	3 CB	2 CB	2 CB	2 X
		C	2 X	2 X	3 I	3 X	3 X	1 CB	2 CB	2 CB	2 CB	2 X
		NC	10 X	10 X	10 X	10 X	10 X	0 CBR	1 CB	0 CBR	0 CBR	0 RX
Philippines	Logs	All	841	1036	881	732	857	165	65	101	77	89
		C	0	0	0	0 X	0 X	8	3	7	3	4
		NC	841	1036	881	732	857 I	157	62	95	74	85
	Sawn	All	288	432	362	358	516	363	261	174	135	165
		C	0	0 F	0 F	0 X	0 X	45	26	40	14	17
		NC	288	432 F	362	358	516 I	317	235	134	120	148
	Ven	All	133	95	124	100	140	67	37	25	27	24
		C	0	0 I	0 I	0 X	0 X	2	8	9	3	5
		NC	133	95 I	124	100	140 I	65	29	16	24	19
	Ply	All	314	317	281	235	273	144 I	145 I	119 I	73 I	111
		C	0	0 I	0 I	0 X	0 X	71	64	55 C	57	95
		NC	314	317 I	281	235	273 I	73 CB	81 CB	65 CB	16 CB	16
Thailand	Logs	All	5100 *	5100 X	5100 X	5100 X	5100 X	466 I	504 I	532 I	303 I	272 I
		C	0 *	0 X	0 X	0 X	0 X	15	13	13 C	15 C	24 C
		NC	5100 *	5100 X	5100 X	5100 X	5100 X	452 CBI	491 CBI	518 CBI	289 CBI	249 CBI
	Sawn	All	2850 *	2850 X	2850 X	2850 X	2850 X	1940 I	1935 I	2051 I	2313 I	1689 I
		C	0 *	0 X	0 X	0 X	0 X	156	151	176 CB	121 C	121 X
		NC	2850 *	2850 X	2850 X	2850 X	2850 X	1784 F	1784 F	1875 CI	2192 CI	1568 CI
	Ven	All	175 *	180 *	185 *	185 X	185 X	9 CB	12 CB	11 CB	11 CB	11 X
		C	0 *	0 *	0 *	0 X	0 X	3 CB	4 CB	4 CB	5 CB	5 X
		NC	175 *	180 *	185 *	185 X	185 X	6 CB	8 CB	7 CB	6 CB	6 X
	Ply	All	110 *	115 *	120 *	120 X	120 X	175 CB	267 I	222 CB	217 I	217 X
		C	0 *	0 *	0 *	0 X	0 X	92 CB	184 CB	149 CB	169 C	169 X
		NC	110 *	115 *	120 *	120 X	120 X	83 CB	83 I	73 CB	48 CB	48 X

Exports					Domestic Consumption							
2005	2006	2007	2008	2009*	2005	2006	2007	2008	2009*	Species	Product	Country
11 I	18 I	9 I	11 C	7 GI	26928	26782	27835	27973	28038	All	Logs	India
5 F	2 F	0 CR	0 CR	1 GI	3326	3377	3672	3626	3625	C		
7 C	16 C	9 CBI	11 C	6 GI	23602	23405	24163	24347	24413	NC		
15 F	18 C	23 I	59 I	17 GI	14850	14843	14823	14813	14860	All	Sawn	
3 F	1 C	5 CB	22 CB	1 GI	9926	9917	9907	9905	9940	C		
12 F	17 C	18 C	37 C	16 GI	4924	4926	4916	4908	4920	NC		
21 C	20 C	13 I	17 I	24 GI	268	276	289	298	284	All	Ven	
14 C	12 C	3 CB	2 CB	14 GI	2	3	17	25	10	C		
7 C	8 C	10 C	15 C	10 GI	267	273	272	273	274	NC		
33 C	41 C	118 C	43 I	46 I	2180	2144	2085	2177	2581	All	Ply	
11 C	13 C	31 C	14 C	17 GI	41	29	27	53	50	C		
21 C	28 C	87 C	29 CB	29 X	2139	2115	2059	2124	2531	NC		
104 CB	63 I	82 I	72 CB	72 X	24244	29734	35981	35980	35980	All	Logs	Indonesia
2 CB	1 CB	0 CR	2 CB	2 X	1673	1853	1847	1847	1847	C		
102 CB	62 CBI	82 CB	70 CB	70 X	22572	27881	34133	34133	34133	NC		
1979 CB	1920 I	970 I	835 CB	835 X	2555	2673	3623	3623	3623	All	Sawn	
21 CB	14 CB	45 CB	32 CB	32 X	85	147	91	124	124	C		
1957 CB	1906 CBI	925 CBI	804 CB	804 X	2470	2526	3532	3499	3499	NC		
49 CB	49 I	31 I	17 I	17 X	192	230	295	295	295	All	Ven	
5 CB	8 W	8 W	6 W	6 X	72	69	71	71	71	C		
44 CB	41 CB	23 CB	11 CB	11 X	120	161	224	224	224	NC		
3411 W	3593 I	3487 I	2929 I	2929 X	1156	1031	1120	1120	1120	All	Ply	
714 W	844 W	800 W	783 W	783 X	18	4	45	45	45	C		
2696 W	2749 CBI	2687 C	2146 C	2146 X	1138	1027	1075	1075	1075	NC		
5780 C	4772 C	4648	4368	4368 X	18755	17792	15505	13710	13710	All	Logs	Malaysia
128 C	113 C	108	107	107 X	157	172	192	171	171	C		
5652 C	4660 C	4540	4261	4261 X	18597	17620	15314	13539	13539	NC		
3230 I	4223 C	3338 C	4132 C	4132 X	3065	1999	2669	897	897	All	Sawn	
28 C	15 C	14 C	39 C	39 X	51	105	89	38	38	C		
3202 F	4207 C	3324 C	4094 C	4094 X	3014	1894	2581	858	858	NC		
413 CB	390 CB	441 CB	309 CB	309 X	289	256	325	734	734	All	Ven	
6 CB	9 CB	14 CB	6 CB	6 X	10	9	4	12	12	C		
407 CB	382 CB	427 CB	304 CB	304 X	279	247	321	722	722	NC		
4535 C	5369 C	5282 C	4625	4625 X	645	323	432	462	462	All	Ply	
145 C	214 C	150 C	139 I	139 X	16	4	45	65	65	C		
4391 C	5155 C	5132 C	4486 I	4486 X	629	319	387	398	398	NC		
2946 I	2082 I	1825 I	1411 CB	1411 X	1316	2163	2420	2834	2834	All	Logs	Myanmar
84 CB	106 F	165 CB	32 CB	32 X	131	94	35	168	168	C		
2862 CBI	1976 CBI	1660 CBI	1379 CB	1379 X	1185	2069	2385	2666	2666	NC		
468 CB	322 I	573 I	178 CB	178 X	1062	1288	1037	1432	1432	All	Sawn	
48 CB	5 CB	3 CB	6 CB	6 X	13	74	77	74	74	C		
420 CB	316 CBI	570 CBI	172 CB	172 X	1050	1214	960	1359	1358	NC		
9 CB	16 CB	28 CB	29 CB	29 X	13	6	4	3	3	All	Ven	
1 CB	1 CB	1 CB	2 CB	2 X	1	1	1	0	0	C		
9 CB	15 CB	27 CB	27 CB	27 X	11	5	3	3	3	NC		
60 CB	69 CBI	66 I	18 CB	18 X	50	43	53	100	100	All	Ply	
6 CB	13 CBI	29 CB	8 CB	8 X	7	14	4	24	24	C		
54 CB	56 CBI	37 CBI	10 CB	10 X	43	30	49	76	76	NC		
2014 I	2283 I	2835 I	2515 I	1930 I	522	625	73	393	978	All	Logs	Papua New Guinea
2 CB	0 CBR	0 CBR	0 CB	0 X	48	50	50	50	50	C		
2012	2282	2835	2515	1930 I	474	576	23	343	928	NC		
49 CB	48 I	53 CB	40 CB	40 X	12	13	8	21	21	All	Sawn	
3 CB	1 F	3 CB	1 CB	1 X	7	9	8	9	9	C		
46 CB	47 CB	50 CB	39 CB	39 X	5	4	1	12	12	NC		
58 CB	42 CB	20 CB	11 CB	11 X	22	38	61	70	70	All	Ven	
0 CB	0 I	0 CBR	0 CB	0 X	0	0	1	1	1	C		
58 CB	42 CB	20 CB	11 CB	11 X	22	38	60	69	69	NC		
4 CB	5 CB	6 CB	4 CB	4 X	9	10	9	11	11	All	Ply	
1 CB	1 CB	1 CB	1 CB	1 X	2	3	4	4	4	C		
4 CB	4 CB	5 CB	3 CB	3 X	7	7	5	7	7	NC		
0 R	1 I	0 R	4 I	4 X	1006	1100	982	806	943	All	Logs	Philippines
0 R	0 R	0 R	1	1 X	8	3	7	3	4	C		
0	1 CB	0	3 CB	3 X	998	1097	976	803	939	NC		
130	186 I	213 I	218 I	237	520	507	323	274	444	All	Sawn	
0	1 CB	2 CB	4 CB	0 R	45	25	38	11	17	C		
130	184	211 C	215	237	475	482	285	264	427	NC		
7	6	7	4	7	193	126	142	123	157	All	Ven	
1	0 R	0 R	0 R	0 R	2	8	9	3	5	C		
6	6	7	4	7	191	118	134	120	152	NC		
40	20	37	43 I	52	418	442	364	265	332	All	Ply	
22	17	27	38	43	48	48	27	19	52	C		
18	3	9	6 C	9	370	394	337	246	280	NC		
8 I	3 C	7 I	11 CB	11 X	5558	5601	5625	5392	5361	All	Logs	Thailand
0 CBR	0 C	1 CB	3 CB	3 X	15	13	12	12	21	C		
8 C	3 C	5 C	8 CB	8 X	5544	5588	5613	5381	5341	NC		
1954 I	1876 I	2606 C	1623 C	1623 X	2836	2908	2296	3540	2916	All	Sawn	
1 CB	0 CR	0 CR	0 CR	0 RX	154	151	176	121	121	C		
1953 C	1876 CB	2606 C	1623 C	1623 X	2681	2758	2119	3419	2795	NC		
4 CB	6 CB	2 I	1 I	1 X	180	186	194	195	195	All	Ven	
0 CBR	3 CB	1 CB	0 CBR	0 RX	3	1	3	4	4	C		
4 CB	3 CB	2 C	1 C	1 X	177	185	191	190	190	NC		
54 CB	28 I	50 I	59 I	59 X	231	354	293	278	278	All	Ply	
20 CB	21 CB	47 CBI	42 C	42 X	72	163	102	127	127	C		
34 CB	7 C	2 C	17 CB	17 X	160	192	191	151	151	NC		

Table 1-1-c. Production, Trade and Consumption of All Timber by ITTO Producers (1000 m^3)

Country	Product	Species	Production 2005	2006	2007	2008	2009*	Imports 2005	2006	2007	2008	2009*
Vanuatu	Logs	All	30 X	30 X	30 X	30 X	30 X	2 F	2 F	0 RI	0 C	0 X
		C	0 X	0 X	0 X	0 X	0 X	0 FR	1 F	0 CR	0 C	0 X
		NC	30 X	30 X	30 X	30 X	30 X	1 F	1 F	0 FR	0 C	0 X
	Sawn	All	14 X	14 X	14 X	14 X	14 X	2 F	4 I	3 CB	3 I	3 X
		C	0 X	0 X	0 X	0 X	0 X	2 F	4 CB	3 CB	3 CB	3 X
		NC	14 X	14 X	14 X	14 X	14 X	0 FR	0 FR	0 CBR	0 C	0 X
	Ven	All	0 X	0 X	0 X	0 X	0 X	0 RI	0 RI	0 RI	0 RI	0 RX
		C	0 X	0 X	0 X	0 X	0 X	0 CBR	0 CBR	0 CBR	0 CBR	0 RX
		NC	0 X	0 X	0 X	0 X	0 X	0 C	0 C	0 CR	0 C	0 X
	Ply	All	0 X	0 X	0 X	0 X	0 X	0 CBR	0 RI	1 CB	1 CB	1 X
		C	0 X	0 X	0 X	0 X	0 X	0 CBR	0 CBR	1 CB	1 CB	1 X
		NC	0 X	0 X	0 X	0 X	0 X	0 CBR	0 C	0 CBR	0 CBR	0 RX
	Logs	**All**	**133439**	**134791**	**122223**	**121875**	**121521**	**102**	**128**	**112**	**112**	**125**
		C	**59885**	**68134**	**50162**	**49851**	**49862**	**73**	**82**	**82**	**93**	**107**
		NC	**73554**	**66657**	**72061**	**72024**	**71658**	**29**	**46**	**30**	**19**	**18**
	Sawn	**All**	**29272**	**30024**	**30755**	**32050**	**32861**	**1866**	**1836**	**2247**	**1200**	**1278**
		C	**12183**	**12605**	**13158**	**13303**	**13974**	**1326**	**1267**	**1460**	**689**	**645**
Latin America/		**NC**	**17089**	**17419**	**17597**	**18746**	**18887**	**540**	**569**	**786**	**511**	**633**
Caribbean	**Ven**	**All**	**1079**	**1148**	**1176**	**1179**	**1187**	**45**	**51**	**51**	**47**	**44**
		C	**652**	**729**	**765**	**765**	**765**	**10**	**11**	**13**	**9**	**8**
		NC	**428**	**419**	**410**	**413**	**422**	**36**	**40**	**38**	**37**	**36**
	Ply	**All**	**4963**	**3889**	**3824**	**3563**	**3599**	**617**	**643**	**706**	**756**	**719**
		C	**3204**	**2695**	**2599**	**2401**	**2435**	**297**	**355**	**384**	**467**	**456**
		NC	**1758**	**1194**	**1225**	**1163**	**1164**	**320**	**288**	**322**	**289**	**263**
Bolivia	Logs	All	817 I	910 I	910 X	910 X	910 X	2	6 I	7 C	2 C	2 X
		C	7 X	7 X	7 X	7 X	7 X	0	0 CBR	0 C	0 C	0 X
		NC	810	903	903 X	903 X	903 X	2	6 C	7 C	2 C	2 X
	Sawn	All	409 I	461 I	461 X	461 X	461 X	6	2 C	2 C	1 CB	1 R
		C	1 X	2 I	2 X	2 X	2 X	2	1 C	0 CR	0 CBR	0 RX
		NC	408	459	459 X	459 X	459 X	4	1 C	2 C	0 CBR	0 RX
	Ven	All	4	8 I	8 X	8 X	8 X	0 RI	0 RI	0 CBR	0 CBR	0 RX
		C	0	1 I	1 X	1 X	1 X	0 CBR	0 CBR	0 CBR	0 CBR	0 RX
		NC	4	7	7 X	7 X	7 X	0 CR	0 CR	0 CBR	0 CBR	0 RX
	Ply	All	9 I	9 X	11 I	11 X	11 X	0 CBR	0 RI	0 CBR	0 RI	0 RX
		C	3 X	3 X	3 X	3 X	3 X	0 CBR	0 CBR	0 CBR	0 CR	0 RX
		NC	6 I	6 X	8 I	8 X	8 X	0 CBR	0 CR	0 CB	0 CBR	0 RX
Brazil	Logs	All	117887	118753	105131 F	105131 X	105131 X	12 I	16 I	8	7	7
		C	51387 I	59339 I	40381 F	40381 X	40381 X	1 F	0 CBR	0	0	0
		NC	66500 I	59414 I	64750 F	64750 X	64750 X	11	16	8	7	7
	Sawn	All	23557	23797	24414	24987	24987 X	154	134	146	103	106
		C	8935	9078	9577	9532	9532 X	61	46	40	16	16
		NC	14622	14719	14837	15455	15455 X	92	88	105	87	90
	Ven	All	550 X	550 X	550 X	550 X	550 X	10 I	13	12	12	13
		C	250 X	250 X	250 X	250 X	250 X	1 I	2	2	1	1
		NC	300 X	300 X	300 X	300 X	300 X	10	10	11	11	11
	Ply	All	4025 I	3044	2878	2669	2669 X	8	8	8 I	4	4
		C	2900 I	2375	2188	2070	2070 X	8	7	7	4	4
		NC	1125	669	690	599	599 X	0 R	1	0 CBR	0 R	0 R
Colombia	Logs	All	2551	2913	2962	2046	2046 X	0 R	0 R	0 R	2 I	0 R
		C	952	1041	1058	863	863 X	0	0	0	0 R	0 R
		NC	1598	1873	1904	1183	1183 X	0 R	0 R	0 R	2 CB	0 R
	Sawn	All	407	389	381	723	723 X	1 I	2 C	5 C	3 I	3
		C	98	93	92	173	173 X	1	1 C	5 C	2 CB	3
		NC	309	296	290	549	549 X	0 CR	1 C	1 C	0 CR	0
	Ven	All	1	1	1	2	2 X	1 C	2 C	3 C	3 C	0 R
		C	0	0	0	0	0 X	1 C	1 C	2 C	1 C	0 R
		NC	1	1	1	2	2 X	1 C	1 C	2 C	2 C	0 R
	Ply	All	43	45	53	76	76 X	8 C	10 C	15 C	16 CB	2
		C	0	0	0	0	0 X	3 C	4 C	11 C	11 CB	2
		NC	43	45	53	76	76 X	5 C	6 C	4 C	4 CB	0
Ecuador	Logs	All	741 X	728	757	757	711 I	0 RI	0 RC	0 C	1 CB	1 X
		C	165 X	254	266	266	473	0 CR	0 CR	0 C	0 CBR	0 RX
		NC	576 X	474	491	491	238 I	0 CB	0 C	0 C	1 CB	1 X
	Sawn	All	160 X	350	393 I	393 I	428	0 CR	0 CR	0 CR	0 CR	0 RX
		C	95 X	107	107 F	107 X	118	0 CR	0 CR	0 CR	0 CR	0 RX
		NC	65 X	243	286	286	310	0 CR	0 CR	0 CR	0 CR	0 RX
	Ven	All	121 X	198 I	234 I	234 X	243 I	0 CR	0 CR	0 CR	1 C	1 X
		C	86 X	162	198	198	198 X	0 CR	0 CR	0 CR	0 CR	0 RX
		NC	36 X	36 X	36 X	36 X	45 I	0 CR	0 CR	0 CR	0 CR	0 RX
	Ply	All	487 X	487 X	487 X	487 X	487 X	1 C	1 I	1 CR	1 CR	1 X
		C	149 X	149 X	149 X	149 X	149 X	1 C	0 CR	0 CR	1 C	1 X
		NC	338 X	338 X	338 X	338 X	338 X	0 CR	1 CB	0 CBR	0 CR	0 RX
Guatemala	Logs	All	442	443	443 X	443 X	443 X	1 I	2 I	1 CB	2 I	2 X
		C	190	363	363 X	363 X	363 X	0 FR	0 CR	0 CBR	0 CR	0 X
		NC	252	80	80 X	80 X	80 X	1 C	2 CB	1 CB	2 CB	2 X
	Sawn	All	150 X	54	54 X	54 X	54 X	12 C	2 C	44 C	39 C	39 X
		C	50 X	33	33 X	33 X	33 X	5 C	1 C	40 C	35 C	35 X
		NC	100 X	21	21 X	21 X	21 X	6 C	2 C	4 C	5 C	5 X
	Ven	All	20 I	20 X	20 X	20 X	20 X	1 C	0 CR	1 C	1 C	1 X
		C	15 I	15 X	15 X	15 X	15 X	0 CR	0 CR	1 C	0 CR	0 RX
		NC	5 I	5 X	5 X	5 X	5 X	1 C	0 CR	0 CR	0 CR	0 RX
	Ply	All	30 X	30 X	30 X	30 X	30 X	3 C	4 C	5 C	7 C	7 X
		C	10 X	10 X	10 X	10 X	10 X	3 C	4 C	4 C	6 C	6 X
		NC	20 X	20 X	20 X	20 X	20 X	1 C	0 CR	1 C	1 C	1 X

Exports					Domestic Consumption							
2005	2006	2007	2008	2009*	2005	2006	2007	2008	2009*	Species	Product	Country
0 RI	0 RI	0 RI	0 RI	0 RI	31	32	30	30	30	All	Logs	Vanuatu
0 C	0 C	0 C	0 C	0 I	0	1	0	0	0	C		
0 CBR	0 CBR	0 CBR	0 CBR	0 RX	31	31	30	30	30	NC		
2 CB	1 CB	1 CB	3 CB	3 X	15	17	16	15	15	All	Sawn	
0 CBR	0 CBR	0 CBR	0 CBR	0 RX	2	4	3	3	3	C		
2 CB	1 CB	1 CB	3 CB	3 X	12	13	13	11	11	NC		
0 C	0 C	0 RI	0 C	0 X	0	0	0	0	0	All	Ven	
0 C	0 C	0 C	0 C	0 X	0	0	0	0	0	C		
0 C	0 C	0 CBR	0 C	0 X	0	0	0	0	0	NC		
0 RI	0 RI	0 C	0 C	0 X	0	0	1	1	1	All	Ply	
0 CBR	0 CBR	0 C	0 C	0 X	0	0	1	1	1	C		
0 C	0 C	0 C	0 C	0 X	0	0	0	0	0	NC		
268	**356**	**365**	**302**	**262**	**133273**	**134564**	**121970**	**121684**	**121384**	**All**	**Logs**	
24	**2**	**7**	**4**	**4**	**59934**	**68215**	**50238**	**49939**	**49965**	**C**		
244	**354**	**358**	**298**	**258**	**73340**	**66349**	**71733**	**71745**	**71419**	**NC**		
4392	**3953**	**4075**	**2972**	**3041**	**26746**	**27907**	**28927**	**30278**	**31098**	**All**	**Sawn**	
2052	**1747**	**1667**	**1249**	**1282**	**11456**	**12125**	**12951**	**12743**	**13337**	**C**		
2340	**2206**	**2408**	**1723**	**1759**	**15290**	**15782**	**15975**	**17535**	**17761**	**NC**		**Latin America/**
249	**219**	**246**	**131**	**135**	**875**	**979**	**981**	**1094**	**1096**	**All**	**Ven**	**Caribbean**
38	**31**	**76**	**79**	**82**	**623**	**709**	**702**	**695**	**692**	**C**		
211	**188**	**169**	**52**	**53**	**252**	**271**	**279**	**399**	**404**	**NC**		
3922	**3086**	**2693**	**2237**	**2303**	**1658**	**1446**	**1837**	**2082**	**2015**	**All**	**Ply**	
2938	**2332**	**2097**	**1842**	**1897**	**564**	**717**	**886**	**1026**	**993**	**C**		
984	**754**	**596**	**396**	**405**	**1095**	**729**	**952**	**1056**	**1022**	**NC**		
6 C	9 I	9 CB	4 I	4 X	814	907	908	908	908	All	Logs	Bolivia
0 C	0 C	0 CBR	0 CBR	0 RX	7	7	7	7	7	C		
6 C	9 CB	9 CB	4 C	4 X	807	900	901	901	901	NC		
59 F	98 CB	151 CB	66 I	66 X	356	366	312	396	396	All	Sawn	
0 CR	3 CB	1 CB	1 CB	1 X	3	0	1	2	2	C		
59	95 CB	150 CB	65 C	65 X	353	366	310	394	394	NC		
1 C	1 C	2 I	3 C	3 X	3	7	6	5	5	All	Ven	
0 CR	0 CR	0 CBR	0 C	0 X	0	1	1	1	1	C		
1 C	1 C	2 C	3 C	3 X	3	6	5	4	4	NC		
5 C	5 CB	8 CB	2 I	2 X	4	4	3	9	9	All	Ply	
2 C	1 CB	1 CB	1 CB	1 X	1	2	2	2	2	C		
3 C	4 CB	7 CB	1 C	1 X	3	2	1	7	7	NC		
25	7	19	22	23	117874	118762	105121	105116	105116	All	Logs	Brazil
20	1	0 R	0	0	51368	59338	40381	40381	40381	C		
5	7	18	22	23	66507	59424	64740	64735	64735	NC		
3653	3167	3167	2102	2165	20058	20764	21393	22988	22928	All	Sawn	
1761	1505	1468	1074	1106	7235	7619	8150	8474	8442	C		
1891	1662	1699	1028	1059	12823	13145	13243	14514	14485	NC		
234	207	238 I	120	124	327	356	324	442	439	All	Ven	
37	31	76 C	79	81	213	221	176	172	170	C		
196	176	162	41	42	113	134	149	270	269	NC		
3668	2868	2518	2087	2150	366	184	368	586	524	All	Ply	
2872	2297	2073	1806	1860	36	85	123	268	214	C		
795	572	445	281	289	330	98	245	319	310	NC		
17	9 I	18 I	23 I	23 X	2534	2904	2944	2026	2024	All	Logs	Colombia
0 R	0 R	0 R	0 R	0 RX	952	1040	1058	863	863	C		
17	9 C	18 C	23 C	23 X	1582	1864	1886	1163	1161	NC		
3	5	8 I	10 I	10 X	405	386	378	715	715	All	Sawn	
0 R	1	1	0 R	0 RX	98	94	96	175	176	C		
3	4	8 C	10 C	10 X	307	292	283	539	539	NC		
0 R	0 R	0 R	0 R	0 RX	2	2	5	5	2	All	Ven	
0 R	0 R	0 R	0 R	0 RX	1	1	2	1	0	C		
0 R	0 R	0 R	0 R	0 RX	2	2	3	3	2	NC		
6	9	8 I	4 I	4 X	44	46	60	87	73	All	Ply	
0 R	1	1	0 R	0 RX	3	3	10	11	1	C		
6	8	7 C	4 C	4 X	41	43	50	76	72	NC		
35 C	64 CB	72 I	74 I	74 X	706	665	684	683	638	All	Logs	Ecuador
0 CR	0 CBR	0 R	2 CB	2 X	165	254	265	264	472	C		
35 C	64 CB	72 I	73 C	73 X	541	410	419	419	166	NC		
34 I	37 I	42 I	55 I	55 X	126	314	351	338	374	All	Sawn	
4 CB	3 CB	3 CB	5 CB	5 X	91	104	104	102	113	C		
30 C	34 C	39 C	50	50 X	35	210	246	236	260	NC		
2 I	2 I	2 I	3 C	3 X	120	196	233	232	241	All	Ven	
0 CBR	0 CBR	0 C	0 CR	0 RX	86	162	198	198	198	C		
2 C	2 C	2 CB	3 C	3 X	34	34	34	33	42	NC		
140 I	108 I	80 I	67 I	67 X	348	380	408	421	421	All	Ply	
55 C	23 C	8 C	15 C	15 X	95	127	142	135	135	C		
85 CB	85 CB	72 CB	52 CB	52 X	253	253	266	286	286	NC		
8 CB	4 CB	2 CB	2 CB	2 X	435	440	442	443	443	All	Logs	Guatemala
2 CB	0 CBR	0 CBR	0 CB	0 X	188	363	363	363	363	C		
6 CB	4 CB	2 CB	2 CB	2 X	247	77	79	80	80	NC		
54 I	46 C	51 C	43 C	43 X	108	10	47	50	50	All	Sawn	
33	28 C	29 C	28 C	28 X	22	6	44	41	41	C		
21 C	18 C	22 C	16 C	16 X	86	5	3	9	9	NC		
1 CB	0 CBR	0 CBR	0 CBR	0 RX	20	20	20	21	21	All	Ven	
0 CBR	0 CBR	0 CB	0 CBR	0 RX	15	15	16	15	15	C		
1 CB	0 CBR	0 CBR	0 CBR	0 RX	5	5	5	5	5	NC		
10 I	8 I	5 I	1 I	1 X	24	27	30	35	35	All	Ply	
5 C	3 C	1 C	1 C	1 X	8	11	13	15	15	C		
5 CB	5 CB	4 CB	0 CBR	0 RX	16	15	16	21	21	NC		

Table 1-1-c. Production, Trade and Consumption of All Timber by ITTO Producers (1000 m^3)

Country	Product	Species	Production 2005	2006	2007	2008	2009*	Imports 2005	2006	2007	2008	2009*
Guyana	Logs	All	381	474	425	361	299	0	0 RI	0 CBR	0 C	0 X
		C	0	0	0	0	0 I	0	0 CBR	0 CBR	0 C	0 X
		NC	381	474	425	361	299 I	0	0	0 CBR	0 C	0 X
	Sawn	All	58	68	74	67	64	0	0	0 RI	0 CR	0 RX
		C	0	0	0	0	0 I	0	0	0 CR	0 CR	0 RX
		NC	58	68	74	67	64 I	0	0	0 CBR	0 CR	0 RX
	Ven	All	0	0	0	0	0	0	0 RI	0 CBR	0 CBR	0 RX
		C	0	0	0	0	0	0	0 CBR	0 CBR	0 CBR	0 RX
		NC	0	0	0	0	0	0	0 CR	0 CBR	0 CBR	0 RX
	Ply	All	37	34	39	21	21	2 CB	2 CB	1 I	1 I	1 X
		C	0	0	0	0	0 I	2 CB	2 CB	1 CB	0 CBR	0 RX
		NC	37	34	39	21	21 I	0 CBR	0 CBR	0 CR	0 CR	0 RX
Honduras	Logs	All	935	960	881	770	770 X	0 R	1 I	2 I	4	4
		C	920	930	860	750	750 X	0 R	1	1	3	3
		NC	15	30	21	20	20 X	0	0 CR	1 CB	1	1
	Sawn	All	406	420 I	379	379	349	24	14	23	47	47
		C	400	403	370	370	342	20	9	19	46	46
		NC	7	17 I	9	9	7	4	6	5	1	1
	Ven	All	0	0	0	0	0	0 RI	0 RI	0 RI	0 R	0 R
		C	0	0	0	0	0	0 CBR	0 CBR	0 CBR	0 R	0 R
		NC	0	0	0	0	0	0 R	0 CR	0 R	0 R	0 R
	Ply	All	9	14	6	6	10	2	3	3	4	4
		C	9	14	6	6	10	2	3	2	4	4
		NC	0	0	0	0	0	0 R	0 R	1	0 R	0 R
Mexico	Logs	All	6182	5792	6306	6425	6210	76	92 I	73	86	101
		C	5138	4953	5602	5482	5299	65	71	62	82	96
		NC	1044	839	704	942	911	11	21 CB	11	4	5
	Sawn	All	2674	2650	2686	2814	3615	1555 I	1528 I	1880 I	870 I	991 X
		C	2222	2324	2366	2409	3094	1150 I	1087 I	1229 CB	473 CB	473 X
		NC	452	326	321	405	521	405 CB	441 CB	651	397	517
	Ven	All	350 X	350 X	350 X	350 X	350 X	26 C	31 C	30 C	25 C	25 X
		C	300 X	300 X	300 X	300 X	300 X	4 C	4 C	7 C	4 C	4 X
		NC	50 X	50 X	50 X	50 X	50 X	22 C	27 C	23 C	21 C	21 X
	Ply	All	148	134	233	162	194	514	519	568 C	588 C	588 X
		C	123	133	232	153	183	240	292	311 C	378 C	378 X
		NC	25	1	1	9	11	274	227	257 C	210 C	210 X
Panama	Logs	All	78 I	83 I	70	60	42	0 RI	6 I	0 R	0 R	0 R
		C	9 F	9	9	9	1	0 CBR	6 F	0 R	0 R	0
		NC	69	74 I	61	51	41	0	0 CR	0 R	0 R	0 R
	Sawn	All	30 I	30 I	30 I	9 I	9 X	7	5	7	13	3
		C	0 I	0 RI	0 RI	0 RX	0 R	7	4	6	12	3
		NC	30 X	30 X	30 X	9 I	9 X	0 R	1	1	1	0 R
	Ven	All	1 X	0 I	0 RX	0 RX	0	0 R	0 RI	0 R	1	0 R
		C	0 X	0 X	0 X	0 X	0 X	0	0 CBR	0 R	0 R	0
		NC	1 X	0 I	0 RX	0 RX	0 R	0 R	0 R	0 R	1	0 R
	Ply	All	0 X	0 X	2	2 X	1	11	5	5	19	4
		C	0 X	0 X	0 X	0 X	0	6	1	0 R	4	2
		NC	0 X	0 X	2 I	2 X	1	6	3	5	15	2
Peru	Logs	All	1742	1804	1972	2366	2366 X	6 CB	2 CB	14 I	6 CB	6 X
		C	14	31	8	10	10 X	5 CB	2 CB	13 CB	6 CB	6 X
		NC	1728	1774	1963	2356	2356 X	1 CB	0 CBR	0 CR	0 CBR	0 RX
	Sawn	All	743	856	937	1124	1124 X	23	26	40	48	48 X
		C	7	16	4	5	5 X	22	25	39	47	47 X
		NC	736	840	932	1119	1119 X	1	1	1	1	1 X
	Ven	All	10 I	7 I	4	4	4 X	0 R	0 CR	1 C	1 CB	1 X
		C	0	0	0	0	0 X	0 R	0 CR	0 CR	0 CBR	0 RX
		NC	10 I	7 I	4	4	4 X	0 R	0 CR	0 CR	1 CB	1 X
	Ply	All	131 I	71 I	79 I	92 I	92 X	4	2 C	7 C	5 CB	5 X
		C	10 X	10 X	10 X	10 X	10 X	3	2 C	7 C	4 CB	4 X
		NC	121	61	69	82	82 X	0 R	0 CR	1 C	1 CB	1 X
Suriname	Logs	All	181	193	166	189	190	0	0 RI	0 RI	0	0
		C	0 R	0	0	0	0	0	0	0	0	0
		NC	181	193	166	189	190	0	0 CR	0 CBR	0	0
	Sawn	All	65	69	57	60	65	0	0 RI	0 CBR	0 CBR	0
		C	0 R	0 R	0 R	0 R	0 R	0	0 CBR	0 CBR	0 CBR	0
		NC	65	69	57	60	65	0	0 CR	0 CBR	0 CBR	0
	Ven	All	0	3	3 I	3 X	3 X	0	0 R	0 RI	0 RI	0 R
		C	0	0	0 I	0 X	0 X	0	0 R	0 R	0 R	0 R
		NC	0	3	3 I	3 X	3 X	0	0 R	0 CBR	0 CBR	0
	Ply	All	1 F	1 F	0 R	1	1	4	5	5	5	5
		C	0	0 I	0 I	0 X	0 X	0 R	0 R	0 R	0 R	1
		NC	1 I	1 I	0 R	1	1	4	4	5	5	4
Trinidad and Tobago	Logs	All	60 I	65 I	65 X	65 X	50	4 I	3 I	7 I	1	2
		C	5 X	10	10 X	10 X	5	1 CB	2 CB	6 CB	1	1
		NC	55	55 X	55 X	55 X	45	3	1 C	2 C	0	1
	Sawn	All	50	41 F	41 F	29	32	60	57 I	62 I	53 I	17
		C	4	9 F	9 F	2	3	58	56 CB	60 CB	52 C	15
		NC	46	32 F	32 F	28	28	2	1 C	2 F	2	2
	Ven	All	2 X	2 X	2 X	2 X	2 X	0 RI	0 CBR	0 CR	0 R	0 R
		C	1 X	1 X	1 X	1 X	1 X	0 CR	0 CBR	0 CR	0 R	0 R
		NC	1 X	1 X	1 X	1 X	1 X	0 CBR	0 CBR	0 CR	0 R	0 R
	Ply	All	0 X	0 X	0 X	0 X	0 X	22	42 CB	40 CB	45 I	37 I
		C	0 X	0 X	0 X	0 X	0 X	19	29 CB	26 CB	35 C	35 X
		NC	0 X	0 X	0 X	0 X	0 X	3	13 CB	14 CB	10 CB	3

Exports					Domestic Consumption							
2005	2006	2007	2008	2009*	2005	2006	2007	2008	2009*	Species	Product	Country
123	200	171	103	91	258	274	254	258	208	All	Logs	Guyana
0	0	0	0	0	0	0	0	0	0	C		
123	200	171	103	91 I	258	274	254	258	208	NC		
22	34	44	48	49	36	34	30	19	15	All	Sawn	
0	0	0	0	0	0	0	0	0	0	C		
22	34	44	48	49 I	36	34	30	19	15	NC		
0	0	0	0	0	0	0	0	0	0	All	Ven	
0	0	0	0	0	0	0	0	0	0	C		
0	0	0	0	0	0	0	0	0	0	NC		
37	24	24	16	17	2	12	16	6	5	All	Ply	
0	0	0	0	0	2	2	1	0	0	C		
37	24	24	16	17 I	0	10	15	5	4	NC		
3 I	0	0	0	0	933	961	883	774	774	All	Logs	Honduras
0	0	0	0	0	921	931	861	753	753	C		
3 C	0	0	0	0	13	30	22	21	21	NC		
175 I	170 I	141 I	125	125	255	264	260	301	271	All	Sawn	
169	153	131	121	121	250	259	257	295	267	C		
6 C	17 C	10 C	4	4	5	6	4	6	4	NC		
0	0	0	0 I	0 I	0	0	0	0	0	All	Ven	
0	0	0	0 C	0 X	0	0	0	0	0	C		
0	0	0	0	0	0	0	0	0	0	NC		
0 R	0 R	4 C	3 I	3 I	11	17	5	6	10	All	Ply	
0 R	0 R	4 C	3	3	11	17	4	6	10	C		
0	0	0	0 C	0 X	0	0	1	0	0	NC		
6 CB	6 CB	12 CB	5 CB	5 X	6252	5878	6367	6505	6306	All	Logs	Mexico
2 CB	1 CB	6 CB	1 CB	1 X	5201	5023	5658	5563	5395	C		
4 CB	5 CB	6 CB	5 CB	5 X	1052	854	709	942	911	NC		
47 CB	41 CB	37 CB	25 CB	25 X	4181	4137	4529	3660	4581	All	Sawn	
42 CB	36 CB	31 CB	19 CB	19 X	3330	3376	3564	2863	3549	C		
5 CB	5 CB	6 CB	6 CB	6 X	851	761	966	796	1032	NC		
2 C	3 I	2 I	2 I	2 X	375	379	378	373	373	All	Ven	
0 CR	0 CR	0 R	0 R	0 RX	304	304	307	303	303	C		
2 C	3 C	2 C	2 C	2 X	70	74	71	69	69	NC		
11 I	9 I	2 I	2 I	3 I	651	644	800	748	779	All	Ply	
2	1	1	2	3	361	423	542	529	558	C		
9 C	7 C	1 C	0 CR	0 RX	290	221	258	219	221	NC		
30	37 I	49 I	37 CB	7	49	52	21	23	35	All	Logs	Panama
0	0	0 R	0	0	9	15	9	9	1	C		
30	37 CB	49 CB	37 CB	7	39	37	12	14	34	NC		
9	10	16	3 I	3	28	25	21	19	9	All	Sawn	
0 R	0 R	0 R	2	0 R	7	4	7	11	3	C		
9	10	16	2 C	3	21	21	15	8	6	NC		
0 R	0	0	0 I	0	1	0	1	1	0	All	Ven	
0	0	0	0 CB	0	0	0	0	0	0	C		
0 R	0	0	0	0	1	0	1	1	0	NC		
0	0 RI	0 R	0 R	0	11	4	7	21	5	All	Ply	
0	0 R	0	0	0	6	1	0	4	2	C		
0	0 CR	0	0 R	0	6	3	7	17	3	NC		
1 CB	0 CBR	0 CBR	3 CB	3 X	1746	1806	1985	2369	2369	All	Logs	Peru
0 CBR	0 CBR	0 CB	2 CB	2 X	18	33	22	14	14	C		
1 CB	0 CBR	0 CBR	1 CB	1 X	1728	1773	1963	2355	2355	NC		
293 CB	333 CB	408 CB	487 I	487 X	474	549	569	685	685	All	Sawn	
5 CB	12 CB	3 CB	1 CB	1 X	24	29	41	51	51	C		
288 CB	321 CB	405 CB	486 C	486 X	450	521	528	634	634	NC		
10	6	1	3 C	3 X	1	1	3	2	2	All	Ven	
0 CB	0	0	0 C	0 X	0	0	0	0	0	C		
10	6	1	3 C	3 X	1	1	3	2	2	NC		
45 I	55 I	44 I	54 I	54 X	90	18	42	43	43	All	Ply	
1	7	8	13 C	13 X	13	5	9	1	1	C		
44 CB	49 CB	36 CB	41 CB	41 X	78	12	33	42	42	NC		
9	19	13	29	30	171	175	154	160	160	All	Logs	Suriname
0	0	0	0	0	0	0	0	0	0	C		
9	19	13	29	30	171	174	153	160	160	NC		
5	6	8	7	10	61	63	49	54	55	All	Sawn	
0	0	0	0	0	0	0	1	0	0	C		
5	6	8	7	10	60	63	49	53	55	NC		
0	0	0	0	0	0	3	3	3	3	All	Ven	
0	0	0	0	0	0	0	0	0	0	C		
0	0	0	0	0	0	3	3	3	3	NC		
0 RI	0 RI	0	0	0	5	5	5	6	6	All	Ply	
0	0	0	0	0	0	0	0	0	1	C		
0 CBR	0 CBR	0	0	0	5	5	5	5	5	NC		
0 RI	0 RI	0 RI	0 RI	0 RX	64	68	72	66	52	All	Logs	Trinidad
0 CR	0 CB	0 CB	0 CB	0 X	6	12	16	11	6	C		and Tobago
0 CBR	0 CR	0 CBR	0	0	58	56	56	55	45	NC		
1 CR	0 CR	1 I	0 RI	2	109	98	103	83	46	All	Sawn	
0 CR	0 CR	0 CR	0 CBR	2	62	65	69	53	16	C		
1 C	0 CR	0 CBR	0 R	0 R	47	33	34	29	30	NC		
0 CR	0 CR	0 CR	0	0 R	2	2	2	2	2	All	Ven	
0 CR	0 CR	0 CR	0	0	1	1	1	1	1	C		
0 CR	0 CR	0 CR	0	0 R	1	1	1	1	1	NC		
1 C	0 CR	0 CBR	0 RI	1	21	41	40	45	37	All	Ply	
1 C	0 CR	0 CBR	0 CR	1	19	28	26	35	34	C		
0 CR	0 CR	0 CBR	0 R	0 R	3	13	14	10	2	NC		

Table 1-1-c. Production, Trade and Consumption of All Timber by ITTO Producers (1000 m^3)

Country	Product	Species	Production 2005	2006	2007	2008	2009*	Imports 2005	2006	2007	2008	2009*
Venezuela	Logs	All	1443	1673	2136	2352	2352 X	0 RI	0 RI	0 RI	0 CBR	0 RX
		C	1098	1197	1598	1710	1710 X	0	0 R	0 CBR	0 CBR	0 RX
		NC	345	476	538	642	642 X	0 CBR	0 CBR	0 CR	0 CBR	0 RX
	Sawn	All	562	838	848	950	950 X	25 I	64	36 I	23 C	23 X
		C	371	538	598	670	670 X	0 CR	38	21 C	5 C	5 X
		NC	191	300	250	280	280 X	25	26	15 F	17 C	17 X
	Ven	All	20 F	9	3 I	5 I	5 X	5	4	3 C	4 C	4 X
		C	0 F	0	0 X	0 X	0 X	4	3	2 C	3 C	3 X
		NC	20 F	9	3	5	5 X	1	1	1 C	1 C	1 X
	Ply	All	43	20	6 I	7 I	7 X	39	43	48 C	61 C	61 X
		C	0	0	0 X	0 X	0 X	11	11	14 C	19 C	19 X
		NC	43	20	6	7	7 X	28	33	34 C	42 C	42 X
Producers Total	**Logs**	**All**	**236333**	**242899**	**233420**	**231619**	**231298**	**4660**	**4463**	**5532**	**5419**	**5474**
		C	**65266**	**73667**	**55726**	**55387**	**55399**	**600**	**665**	**938**	**909**	**933**
		NC	**171066**	**169233**	**177695**	**176232**	**175899**	**4060**	**3798**	**4594**	**4510**	**4541**
	Sawn	**All**	**63184**	**64155**	**64707**	**65266**	**66244**	**5634**	**5457**	**5727**	**4585**	**4073**
		C	**22228**	**22673**	**23227**	**23372**	**24043**	**1795**	**1736**	**1916**	**1081**	**1053**
		NC	**40956**	**41482**	**41480**	**41894**	**42201**	**3839**	**3721**	**3811**	**3505**	**3020**
	Ven	**All**	**3463**	**3423**	**3779**	**4114**	**4191**	**173**	**163**	**157**	**167**	**155**
		C	**748**	**821**	**863**	**864**	**864**	**31**	**44**	**50**	**45**	**43**
		NC	**2715**	**2602**	**2916**	**3249**	**3326**	**142**	**119**	**107**	**122**	**112**
	Ply	**All**	**17806**	**17168**	**17102**	**15638**	**16057**	**1106**	**1332**	**1311**	**1337**	**1378**
		C	**4117**	**3696**	**3595**	**3387**	**3422**	**537**	**776**	**762**	**890**	**917**
		NC	**13689**	**13472**	**13507**	**12251**	**12635**	**569**	**555**	**549**	**447**	**461**
ITTO Total	**Logs**	**All**	**1292731**	**1254572**	**1265144**	**1152545**	**988912**	**122129**	**123198**	**123640**	**103454**	**94841**
		C	**863550**	**822726**	**819665**	**715883**	**614133**	**76649**	**79456**	**78490**	**63523**	**60742**
		NC	**429181**	**431846**	**445480**	**436662**	**374780**	**45480**	**43741**	**45151**	**39931**	**34099**
	Sawn	**All**	**357091**	**363240**	**355170**	**323833**	**291544**	**115675**	**112499**	**108509**	**87804**	**74585**
		C	**267512**	**269637**	**260185**	**231841**	**201687**	**94540**	**93273**	**88840**	**71041**	**59721**
		NC	**89579**	**93603**	**94985**	**91992**	**89857**	**21134**	**19226**	**19669**	**16763**	**14864**
	Ven	**All**	**10496**	**10429**	**10424**	**10272**	**10031**	**2781**	**2686**	**2619**	**2220**	**2035**
		C	**4234**	**4286**	**4087**	**3738**	**3434**	**633**	**634**	**565**	**410**	**404**
		NC	**6262**	**6143**	**6337**	**6534**	**6597**	**2148**	**2052**	**2055**	**1810**	**1631**
	Ply	**All**	**68578**	**69361**	**76722**	**71622**	**70932**	**22439**	**23771**	**21228**	**18449**	**17336**
		C	**40537**	**38662**	**42560**	**42743**	**41912**	**6512**	**6857**	**6331**	**6170**	**5543**
		NC	**28041**	**30699**	**34162**	**28879**	**29020**	**15927**	**16914**	**14897**	**12280**	**11793**

Exports					Domestic Consumption							
2005	2006	2007	2008	2009*	2005	2006	2007	2008	2009*	Species	Product	Country
6	1	0 I	0 CR	0 RX	1437	1672	2136	2352	2352	All	Logs	Venezuela
0	0	0	0 CR	0 RX	1098	1197	1598	1710	1710	C		
6	1	0 C	0 C	0 X	339	475	538	642	642	NC		
38	6	0 R	0 R	0 RX	549	896	884	972	972	All	Sawn	
37	6	0 R	0 R	0 RX	334	570	619	675	675	C		
1	0 R	0 R	0 R	0 RX	215	326	265	297	297	NC		
0 R	0 R	0 R	0 RI	0 RX	25	13	6	9	9	All	Ven	
0 R	0 R	0 R	0 CB	0 X	3	3	2	3	3	C		
0 R	0	0 R	0 CR	0 RX	21	10	4	6	6	NC		
0 R	0 R	0 R	0 RX	0 RX	82	63	54	68	68	All	Ply	
0 R	0 CBR	0 R	0 CR	0 RX	11	11	14	19	19	C		
0 R	0 R	0	0 CR	0 RX	71	53	40	48	48	NC		
14133	**13001**	**13338**	**12003**	**11628**	**226860**	**234361**	**225614**	**225035**	**225144**	**All**	**Logs**	
246	**224**	**281**	**149**	**150**	**65621**	**74107**	**56382**	**56147**	**56182**	**C**		
13887	**12777**	**13057**	**11854**	**11478**	**161239**	**160254**	**169232**	**168888**	**168962**	**NC**		
14175	**14315**	**13772**	**11783**	**11838**	**54644**	**55297**	**56662**	**58069**	**58480**	**All**	**Sawn**	
2164	**1788**	**1742**	**1356**	**1364**	**21859**	**22621**	**23401**	**23097**	**23732**	**C**		
12011	**12527**	**12030**	**10427**	**10474**	**32785**	**32676**	**33261**	**34972**	**34748**	**NC**		**Producers**
1200	**1101**	**1111**	**824**	**843**	**2436**	**2485**	**2825**	**3457**	**3502**	**All**	**Ven**	**Total**
63	**64**	**102**	**95**	**110**	**716**	**801**	**811**	**814**	**798**	**C**		
1136	**1037**	**1009**	**729**	**733**	**1720**	**1685**	**2014**	**2643**	**2705**	**NC**		
12202	**12409**	**12004**	**10175**	**10249**	**6710**	**6091**	**6409**	**6800**	**7186**	**All**	**Ply**	
3860	**3456**	**3185**	**2868**	**2933**	**794**	**1017**	**1172**	**1409**	**1406**	**C**		
8342	**8953**	**8819**	**7307**	**7316**	**5916**	**5074**	**5237**	**5391**	**5780**	**NC**		
58594	**57879**	**59396**	**54520**	**46621**	**1356265**	**1319891**	**1329389**	**1201478**	**1037133**	**All**	**Logs**	
35591	**36088**	**37454**	**33877**	**28281**	**904607**	**866094**	**860701**	**745529**	**646593**	**C**		
23003	**21791**	**21942**	**20644**	**18340**	**451658**	**453796**	**468688**	**455949**	**390539**	**NC**		
103263	**104201**	**98254**	**82998**	**69565**	**369502**	**371538**	**365424**	**328639**	**296563**	**All**	**Sawn**	
83950	**84238**	**78765**	**66299**	**54565**	**278102**	**278671**	**270260**	**236582**	**206844**	**C**		
19314	**19962**	**19490**	**16699**	**15001**	**91400**	**92867**	**95165**	**92057**	**89720**	**NC**		
3391	**3266**	**3010**	**2438**	**2230**	**9886**	**9849**	**10033**	**10054**	**9836**	**All**	**Ven**	**ITTO Total**
1139	**1083**	**849**	**700**	**637**	**3728**	**3837**	**3803**	**3447**	**3200**	**C**		
2251	**2184**	**2161**	**1737**	**1592**	**6159**	**6012**	**6230**	**6607**	**6636**	**NC**		
22772	**25820**	**25546**	**21912**	**20899**	**68245**	**67312**	**72404**	**68160**	**67369**	**All**	**Ply**	
10051	**11884**	**12218**	**10706**	**10231**	**36997**	**33635**	**36673**	**38207**	**37224**	**C**		
12721	**13936**	**13328**	**11206**	**10668**	**31248**	**33677**	**35730**	**29953**	**30145**	**NC**		

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

Country	Product	Production 2005	2006	2007	2008	2009*	Imports 2005	2006	2007	2008	2009*
Africa	**Logs**	**17608**	**18780**	**18150**	**18924**	**18802**	**8**	**0**	**0**	**5**	**5**
	Sawn	**4676**	**4720**	**4676**	**4704**	**4712**	**7**	**4**	**1**	**3**	**3**
	Ven	**756**	**710**	**826**	**918**	**946**	**6**	**0**	**0**	**0**	**0**
	Ply	**426**	**434**	**422**	**452**	**430**	**31**	**0**	**5**	**1**	**1**
Cameroon	Logs	2269 *	2778 *	2274 *	2266 *	2266 X	0	0 C	0 C	0 C	0 X
	Sawn	1000 I	1000 X	773 *	773 X	773 X	2 CB	0 CBR	0 CB	0 CB	0 X
	Ven	53 I	76 I	85 I	79 I	79 X	0 CBR	0 CR	0 CB	0 CB	0 X
	Ply	36 I	27 I	32 I	24 I	24 X	0 WR	0 CBR	0 CB	0 CB	0 X
Central African Republic	Logs	449 I	620 I	533 I	533 X	533 X	0 CB	0 C	0 C	0 C	0 X
	Sawn	69 I	82 I	95 I	95 X	95 X	0 CBR	0 RI	0 CBR	0 CB	0 X
	Ven	1 X	1 X	1 X	1 X	1 X	0 CR	0 C	0 C	0 C	0 X
	Ply	0 R	1 I	1 I	1 X	1 X	0 C	0 C	0 CBR	0 C	0 X
Congo, Dem. Rep.	Logs	300 X	300 X	300 X	300 X	300 X	8 CB	0 CBR	0 CBR	4 CB	4 X
	Sawn	81 I	92 I	92 X	92 X	92 X	0 C	0 C	0 CBR	1 CB	1 X
	Ven	1 X	3 I	3 X	3 X	3 X	0 CBR	0 CBR	0 CB	0 CBR	0 R
	Ply	1 X	1 X	1 X	1 X	1 X	1 CB	0 CBR	0 C	0 CBR	0 R
Congo, Rep.	Logs	1369	1316	1316 X	1981 I	1981 X	0	0	0 C	0 C	0 X
	Sawn	209 I	268 I	369 I	369 X	369 X	0 CBR	0 CB	0 CBR	0 C	0 X
	Ven	14 I	5 I	5 X	10 I	10 X	0 CBR	0 CBR	0 CBR	0 C	0 X
	Ply	6 I	6 I	6 X	6 X	6 X	0 CBR	0 CBR	0 CBR	0 C	0 X
Côte d'Ivoire	Logs	1347	1408	1469	1469 X	1469 X	0 CB	0 CB	0 CB	0 C	0 X
	Sawn	503 I	442	456	471	471 X	0 CR	0 CR	0 CR	0 CR	0 R
	Ven	240	262	313	396	396 X	0 CR	0 CB	0 CBR	0 CBR	0 R
	Ply	61	88	82	81	81 X	0 CR	0 C	0 CBR	0 CB	0 X
Gabon	Logs	3200	3500	3400	3400 X	3400 X	0	0	0	0	0 X
	Sawn	230	235	296 *	296 X	296 X	0 CR	0 CR	0	0	0 X
	Ven	145	150	182	182 X	182 X	2	0 CR	0 CB	0 CB	0 X
	Ply	146 I	142	85	85 X	85 X	26	0 CR	0 CBR	0 CB	0 X
Ghana	Logs	1200	1304	1304	1392	1300	0	0	0	0	0 X
	Sawn	520	527	520	513	522	1	4 CB	0 CBR	0 CBR	0 R
	Ven	300	212	235	245	273	0	0 CBR	0 CBR	0 CR	0 R
	Ply	120	115	160	200	178	0 CR	0 CR	0 CBR	0 CBR	0 R
Liberia	Logs	280 X	360 I	360 X	360 X	330 X	0 CBR	0 CBR	0 C	0 C	0 I
	Sawn	50 I	60	60	80	80	0 C	0 C	0 CBR	0 CBR	0 R
	Ven	0 X	0 X	0	0	0 X	0 C	0 C	0 CBR	0 C	0 I
	Ply	0 X	0 X	0	0	0 X	3 CB	0 CBR	0 CBR	0 C	0 X
Nigeria	Logs	7100 X	7100 X	7100 X	7100 X	7100 X	0 C	0 C	0 C	1 C	1 X
	Sawn	2000 X	2000 X	2000 X	2000 X	2000 X	0 CBR	0 C	0 CR	2 C	2 X
	Ven	0 R	0 R	1 I	1 X	1 X	5 CB	0 CBR	0 CR	0 CR	0 R
	Ply	55 X	55 X	55 X	55 X	55 X	0 C	0 CBR	4 CB	1 CB	1 X
Togo	Logs	94	94 X	94 X	123 I	123 X	0 CBR	0 CBR	0 CR	0 C	0 X
	Sawn	14	14	14 X	14 X	14 X	4	0 CB	0 CBR	0 CBR	0 R
	Ven	1 X	1 X	1 X	1 X	1 X	0	0	0 CR	0 CBR	0 R
	Ply	0 X	0 X	0 X	0 X	0 X	1	0 C	0 CR	0 C	0 X
Asia-Pacific	**Logs**	**79904**	**83796**	**87484**	**85284**	**85409**	**3731**	**3397**	**3832**	**3637**	**3295**
	Sawn	**19191**	**19337**	**19202**	**18439**	**17964**	**2764**	**2303**	**2494**	**2741**	**2117**
	Ven	**1531**	**1473**	**1635**	**1904**	**1944**	**21**	**33**	**34**	**54**	**34**
	Ply	**11505**	**11843**	**11860**	**10636**	**10674**	**199**	**237**	**203**	**139**	**131**
Cambodia	Logs	113 I	113 X	113 X	113 X	113 X	0 CBR	0 C	0 C	0 C	0 X
	Sawn	72 I	72 X	72 X	72 X	72 X	0 CBR	0 CBR	0 CBR	0 CB	0 X
	Ven	20 X	20 X	20 X	20 X	20 X	0 CBR	0 CBR	0 CBR	0 CB	0 X
	Ply	10 X	10 X	10 X	10 X	10 X	0 CBR	0 C	0 C	0 CBR	0 R
Fiji	Logs	166	166 X	166 X	166 X	166 X	0 C	0 C	0 C	0 CBR	0 R
	Sawn	55	40	40 X	40 X	40 X	0 CBR	0 CB	0 CR	0 CBR	0 R
	Ven	8 X	8 X	8 X	8 X	8 X	0 CR	0 CR	0 CR	0 CBR	0 R
	Ply	8 X	8 X	8 X	8 X	8 X	0 CR	0 CBR	0 CBR	0 CBR	0 R
India	Logs	20312 I	20313 X	20313 X	20313 X	20313 X	3118 C	2834 C	3209 C	3303 C	3000 GI
	Sawn	4889 I	4889 X	4889 X	4889 X	4889 X	47 CB	17 C	24 C	30 C	29 GI
	Ven	270	270 X	270 X	270 X	270 X	2 CB	9 C	10 C	15 C	11 GI
	Ply	2130	2130 X	2130 X	2130 X	2130 X	28 CB	10 CB	14 CB	22 CB	15 GI
Indonesia	Logs	22590 I	27893 F	34170 I	34150 I	34150 X	6 W	4 W	7 W	13 W	13 X
	Sawn	4330 X	4330 X	4330 X	4169 I	4169 X	65 W	73 W	72 W	72 W	72 X
	Ven	155 X	188 I	231 I	220 I	220 X	9 W	14 W	16 W	15 W	15 X
	Ply	3820 I	3734 I	3734 X	3200 I	3200 X	12 W	38 W	22 CB	19 CB	19 X

Exports					Domestic Consumption						
2005	2006	2007	2008	2009*	2005	2006	2007	2008	2009*	Product	Country
2996	**3421**	**3541**	**3297**	**3550**	**14620**	**15359**	**14609**	**15633**	**15257**	**Logs**	
1817	**1677**	**1869**	**1688**	**1698**	**2867**	**3047**	**2807**	**3018**	**3017**	**Sawn**	**Africa**
389	**353**	**321**	**303**	**309**	**374**	**358**	**504**	**615**	**638**	**Ven**	
135	**194**	**263**	**214**	**211**	**323**	**241**	**165**	**240**	**221**	**Ply**	
146 *	316 *	266 *	258 *	265 I	2123	2462	2008	2008	2001	Logs	Cameroon
661 *	601 *	613 *	578 *	578 X	341	399	160	195	195	Sawn	
39 CB	57 *	64 *	59 *	59 I	14	19	21	20	20	Ven	
23	20 *	24 *	18 *	18 X	14	7	8	6	6	Ply	
87 CB	97 CB	78 CB	81 CB	81 X	363	522	455	452	452	Logs	Central
10 CB	18 CB	19 CB	21 CB	21 X	59	65	76	74	74	Sawn	African
0 CBR	0 CBR	0 CBR	0 CBR	0 RX	1	1	1	1	1	Ven	Republic
0 C	0 CB	0 CB	0 CB	0 X	0	1	1	1	1	Ply	
127 CB	205 CB	298 CB	225 CB	225 X	181	95	2	79	79	Logs	Congo, Dem.
39 CB	68 CB	62 CB	61 CB	61 X	42	24	30	32	32	Sawn	Rep.
1 CB	2 CB	1 CB	1 CB	1 X	0	1	2	2	2	Ven	
0 CBR	0 CBR	0 CBR	0 CBR	0 RX	2	1	1	1	1	Ply	
710 I	633 I	640 CB	612 CBI	770 I	659	683	676	1369	1211	Logs	Congo, Rep.
163 I	181 I	283 CB	265 CBI	265 X	46	86	86	104	104	Sawn	
5 CB	2 CB	4 CB	9 CB	9 X	10	3	1	1	1	Ven	
2 CB	3 CB	2 CBI	1 CB	1 X	4	3	4	5	5	Ply	
142	137 CB	110 CBI	116 CB	116 X	1204	1271	1359	1353	1353	Logs	Côte d'Ivoire
444 CB	364 C	327 C	252 C	252 X	59	78	130	219	219	Sawn	
108 C	94 C	102 C	103 C	103 X	133	168	210	293	293	Ven	
29 CB	23 C	50 C	11 C	11 X	32	65	32	70	70	Ply	
1586	1769	1938	1757 CBI	1870 I	1614	1731	1462	1643	1530	Logs	Gabon
207	207	253	155 CB	155 X	23	28	43	141	141	Sawn	
138 C	125	81 CB	62 CB	62 X	9	25	101	120	120	Ven	
23 CB	45	58	46 CB	46 X	149	97	27	39	39	Ply	
116 CB	175 CB	75	87	60	1084	1129	1229	1305	1240	Logs	Ghana
253	210	206	191	200	267	321	315	322	322	Sawn	
98	71	68	70	75	202	141	167	175	198	Ven	
58	104	129	138	135	62	11	32	62	43	Ply	
0	0	0 C	1	5	280	360	360	359	325	Logs	Liberia
0	0 CBR	0 CBR	0 R	1	50	60	60	80	79	Sawn	
0	0	0 C	0 C	0 X	0	0	0	0	0	Ven	
0	0	0 C	0 C	0 X	3	0	0	0	0	Ply	
38 CBI	32 CBI	70 CBI	64 CB	64 X	7062	7068	7030	7037	7037	Logs	Nigeria
38 CB	26 CB	106 CB	161 CB	161 X	1962	1974	1894	1841	1841	Sawn	
0 CBR	0 CBR	0 CBR	0 CBR	0 RX	5	0	1	1	1	Ven	
0 CBR	0 CBI	0 CBR	0 CBR	0 RX	55	55	59	56	56	Ply	
45 CB	56 CB	66 CB	95 CB	95 X	49	38	28	28	28	Logs	Togo
1 CB	2 CB	2 CB	4 CB	4 X	17	12	13	11	11	Sawn	
0 CBR	0 CBR	0 CBR	0 CB	0 X	1	1	1	1	1	Ven	
0 CBR	0 I	0 I	0 I	0 X	1	0	0	0	0	Ply	
10604	**8983**	**9130**	**8173**	**7583**	**73031**	**78210**	**82186**	**80748**	**81120**	**Logs**	
6626	**7290**	**7155**	**6512**	**6515**	**15329**	**14350**	**14542**	**14669**	**13566**	**Sawn**	**Asia-Pacific**
536	**496**	**517**	**372**	**371**	**1016**	**1009**	**1152**	**1586**	**1607**	**Ven**	
7145	**8005**	**7954**	**6697**	**6694**	**4560**	**4075**	**4108**	**4078**	**4111**	**Ply**	
3 I	0 CBR	16 CB	3 CB	3 X	110	113	97	110	110	Logs	Cambodia
56 CB	28 I	34 CB	17 CB	17 I	16	44	38	55	55	Sawn	
0 CBR	0 CBR	2 CB	0 C	0 X	20	20	18	20	20	Ven	
5 CB	1 CB	0 CBR	0 CB	0 X	6	9	10	10	10	Ply	
1 CB	0 CBR	0 CBR	0 CBR	0 RX	165	166	166	166	166	Logs	Fiji
4 CB	4 CB	2 CB	2 CB	2 X	51	36	38	38	38	Sawn	
0 CBR	0 CBR	0 CBR	0 CBR	0 RX	8	8	8	8	8	Ven	
2 C	0 CBR	1 CB	1 CB	1 X	6	8	7	7	7	Ply	
7 C	16 C	9 CBI	11 C	6 GI	23423	23131	23512	23605	23307	Logs	India
12 I	15 C	17 C	35 C	15 GI	4924	4891	4896	4884	4903	Sawn	
7 C	8 C	10 C	15 C	10 GI	264	272	270	270	271	Ven	
21 C	28 C	87 C	29 CB	29 X	2137	2112	2057	2123	2116	Ply	
102 CB	62 CBI	79 CB	67 CB	67 X	22495	27835	34098	34095	34095	Logs	Indonesia
1657 CB	1607 CBI	835 CBI	698 CB	698 X	2738	2796	3567	3543	3543	Sawn	
44 CB	41 CB	23 CB	11 CB	11 X	120	161	224	224	224	Ven	
2617 W	2749 CBI	2687 C	2146 C	2146 X	1215	1022	1070	1073	1073	Ply	

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

Country	Product	Production 2005	2006	2007	2008	2009*	Imports 2005	2006	2007	2008	2009*
Malaysia	Logs	24219	22242	19808	17777	17777 X	11 CB	6 CB	3 CB	0 CBR	0 R
	Sawn	5173	5129	5064 I	4466 I	4466 X	999	786	618 C	374 C	374 X
	Ven	670	612	687	991	991 X	1 C	2 C	2 C	2 C	2 X
	Ply	5006	5433	5481	4837 I	4837 X	10 CB	34 CB	31 CB	36 CB	36 X
Myanmar	Logs	4047 I	4045 I	4045 X	4045 X	4045 X	0	0	0 C	0 C	0 X
	Sawn	1469 I	1530 I	1530 X	1530 X	897 I	0 CBR	0 CBR	0 CB	0 CBR	0 R
	Ven	20 X	20 X	30 I	30 X	30 X	0	0 C	0 C	0 C	0 X
	Ply	97 I	86 I	86 X	86 X	86 X	0 C	0 C	0 CBR	0 CB	0 X
Papua New Guinea	Logs	2486 I	2858 I	2858 X	2858 X	2858 X	0 I	0 C	0 C	0 C	0 X
	Sawn	51 I	51 X	51 X	51 X	51 X	0 C	0 CB	0 C	0 C	0 X
	Ven	80 X	80 X	80 X	80 X	80 X	0 CBR	0 CB	0 CBR	0 C	0 X
	Ply	10 X	10 X	10 X	10 X	10 X	0 CBR	0 CBR	0 CBR	0 CBR	0 R
Philippines	Logs	841	1036	881	732	857 I	144 I	62 I	95	32 C	32 X
	Sawn	288	432 I	362 I	358 I	516 I	175 I	88 CB	60 CB	74 CB	74 X
	Ven	133	95 I	124 I	100 I	140 I	7	3	4	20	5
	Ply	314	317 I	281 I	235 I	273 I	72 CB	78 CB	65 CB	15 CB	15 X
Thailand	Logs	5100 *	5100 X	5100 X	5100 X	5100 X	452 CBI	491 CBI	518 CBI	289 CBI	249 C
	Sawn	2850 *	2850 X	2850 X	2850 X	2850 X	1478 CI	1338 CI	1720 CI	2192 CI	1568 CI
	Ven	175 *	180 *	185 *	185 X	185 X	3 CB	3 CB	2 CB	2 CB	2 X
	Ply	110 *	115 *	120 *	120 X	120 X	77 CB	77 I	71 CB	46 CB	46 X
Vanuatu	Logs	30 X	30 X	30 X	30 X	30 X	1 F	0 C	0 CR	0 C	0 X
	Sawn	14 X	14 X	14 X	14 X	14 X	0 I	0 I	0 CBR	0 C	0 X
	Ven	0 X	0 X	0 X	0 X	0 X	0 C	0 C	0 CR	0 C	0 X
	Ply	0 X	0 X	0 X	0 X	0 X	0 CBR	0 C	0 CBR	0 CBR	0 R
Latin America/ Caribbean	**Logs**	**33654**	**31008**	**31811**	**31774**	**30603**	**16**	**16**	**11**	**5**	**6**
	Sawn	**16744**	**17250**	**17426**	**18473**	**18498**	**162**	**159**	**247**	**167**	**142**
	Ven	**377**	**368**	**359**	**362**	**371**	**20**	**20**	**20**	**19**	**18**
	Ply	**1740**	**1194**	**1225**	**1157**	**1157**	**216**	**216**	**260**	**225**	**211**
Bolivia	Logs	810	903	903 X	903 X	903 X	2	5 C	5 C	1 C	1 X
	Sawn	408	459	459 X	459 X	459 X	4	0 CR	1 C	0 CBR	0 R
	Ven	4	7	7 X	7 X	7 X	0 CR	0 CR	0 CBR	0 CBR	0 R
	Ply	6 I	6 X	8 I	8 X	8 X	0 CBR	0 CR	0 CB	0 CBR	0 R
Brazil	Logs	26600 *	23765 *	24500 *	24500 X	23696 X	7 CB	8 CB	0 R	3 CB	3 X
	Sawn	14622	14719	14837	15455	15455 X	86	79	93	84	87
	Ven	300 X	300 X	300 X	300 X	300 X	10	10	11	11	11
	Ply	1125	669	690	599	599 X	0 R	1	0 R	0 R	0 R
Colombia	Logs	1598	1873	1904	1183	1183 X	0	0	0 CR	0 CR	0
	Sawn	309 I	296 I	290 I	549 I	549 X	0 CBR	0 CR	0 CBR	0 R	0
	Ven	1	1	1	2	2 X	1 C	1 C	1 C	1 C	0 R
	Ply	43 I	45 I	53 I	76 I	76 X	5 C	6 C	4 C	4 CB	0
Ecuador	Logs	576 X	474	491	491	238 I	0 C	0 C	0 C	0 CR	0 R
	Sawn	65 X	243 I	286 I	286 X	310 I	0 CR	0 CR	0 CR	0 CR	0 R
	Ven	36 X	36 X	36 X	36 X	45 I	0 CR	0 CR	0 CR	0 CR	0 R
	Ply	338 X	338 X	338 X	338 X	338 X	0 CR	0 CBR	0 CBR	0 CBR	0 R
Guatemala	Logs	252	80	80 X	80 X	80 X	1 C	0 CR	0 CR	0 CR	0 R
	Sawn	100 X	21 I	21 X	21 X	21 X	3 C	0 CR	2 C	2 C	2 X
	Ven	1 I	1 X	1 X	1 X	1 X	1 C	0 CR	0 CR	0 CR	0 R
	Ply	20 X	20 X	20 X	20 X	20 X	0 CR	0 CR	1 C	1 C	1 X
Guyana	Logs	381	474	425	361	299 I	0	0	0 C	0 C	0 X
	Sawn	58	68	74	67	64	0	0	0 CR	0 CR	0 R
	Ven	0	0	0	0	0	0	0 CR	0 CBR	0 CBR	0 R
	Ply	37	34	39	21	21	0 CR	0 CBR	0 CR	0 CR	0 R
Honduras	Logs	15	30	21	20	20 X	0	0 CR	0 CBR	0 C	0
	Sawn	7 I	17 I	9 I	9 I	7 I	1 C	2 C	5 C	0 C	0
	Ven	0	0	0	0	0	0 CR	0 CR	0 CR	0 R	0 R
	Ply	0	0	0	0	0	0	0 CR	0 CR	0 R	0 R
Mexico	Logs	1044	839	704	942	911	4 C	2	5	1	1
	Sawn	107	157	149	132	132 X	41 CB	47 CB	129 C	60 C	33
	Ven	3 X	3 X	3 X	3 X	3 X	7 C	8 C	6 C	5 C	5 X
	Ply	6	1	1	3	4	185	159	206 C	171 C	171 X
Panama	Logs	69 I	74 I	61	51	41	0	0 CR	0 R	0 R	0 R
	Sawn	30 X	30 X	30 X	9 I	9 X	0 R	0	1	0 R	0 R
	Ven	1 X	0 I	0 R	0 R	0 R	0 R	0 R	0 R	0 R	0 R
	Ply	0 X	0 X	2	2 X	1	1	1	3	1	0 R

Exports					Domestic Consumption						
2005	2006	2007	2008	2009*	2005	2006	2007	2008	2009*	Product	Country
5652 C	4660 C	4531 C	4188 C	4188 X	18577	17588	15280	13589	13589	Logs	Malaysia
2401 C	3239 CB	2836 C	3715 C	3715 X	3771	2676	2847	1125	1125	Sawn	
407 CB	382 CB	427 CB	304 CB	304 X	264	233	262	689	689	Ven	
4391 C	5155 C	5132 C	4486 I	4486 X	625	312	380	387	387	Ply	
2819 CBI	1959 CBI	1654 CBI	1378 CB	1378 X	1228	2086	2391	2667	2667	Logs	Myanmar
399 CB	315 CBI	569 CBI	172 CB	172 X	1070	1216	961	1359	725	Sawn	
9 CB	15 CB	27 CB	27 CB	27 X	11	5	3	3	3	Ven	
54 CB	56 CBI	37 CBI	10 CB	10 X	43	29	49	76	76	Ply	
2012	2282	2835	2515	1930 I	474	576	23	343	928	Logs	Papua New
41 CB	44 CB	46 CB	35 CB	35 X	10	7	5	16	16	Sawn	Guinea
58 CB	42 CB	20 CB	11 CB	11 X	22	38	60	69	69	Ven	
4 CB	4 CB	5 CB	3 CB	3 X	6	6	5	7	7	Ply	
0	1 CB	0	3 CB	3 X	985	1097	976	761	886	Logs	Philippines
101 C	164 CB	211 C	214	237 I	361	356	211	218	353	Sawn	
6	5	6	3 C	6	134	93	122	117	138	Ven	
18	3	3	6 C	3	368	392	343	245	285	Ply	
8 C	3 C	5 C	7 CB	7 X	5544	5588	5613	5381	5341	Logs	Thailand
1953 C	1874 CB	2604 C	1622 C	1622 X	2375	2314	1966	3420	2796	Sawn	
4 CB	3 CB	2 C	1 C	1 X	174	180	186	186	186	Ven	
34 CB	7 C	2 C	17 CB	17 X	153	185	188	149	149	Ply	
0 CBR	0 CBR	0 CBR	0 CBR	0 RX	31	30	30	30	30	Logs	Vanuatu
2 CB	1 CB	1 CB	3 CB	3 X	12	13	13	11	11	Sawn	
0 C	0 C	0 CBR	0 C	0 X	0	0	0	0	0	Ven	
0 C	0 C	0 C	0 C	0 X	0	0	0	0	0	Ply	
242	**348**	**345**	**288**	**248**	**33428**	**30676**	**31477**	**31491**	**30362**	**Logs**	**Latin America/ Caribbean**
2202	**2020**	**2152**	**1342**	**1379**	**14704**	**15390**	**15521**	**17297**	**17261**	**Sawn**	
211	**187**	**169**	**52**	**53**	**185**	**200**	**209**	**329**	**336**	**Ven**	
983	**754**	**596**	**391**	**400**	**973**	**656**	**889**	**990**	**968**	**Ply**	
6 C	9 CB	9 CB	4 C	4 X	807	900	899	900	900	Logs	Bolivia
59	82 CB	106 CB	51 C	51 X	353	377	353	408	408	Sawn	
1 C	1 C	2 C	3 C	3 X	3	6	5	4	4	Ven	
3 C	4 CB	7 CB	1 C	1 X	3	2	1	7	7	Ply	
3	1	6	13	13	26603	23772	24494	24490	23685	Logs	Brazil
1891	1662	1699	1028	1059	12817	13136	13231	14511	14482	Sawn	
196	176	162	41	42	114	134	149	270	269	Ven	
795	572	445	276	284	330	98	245	324	315	Ply	
17 I	9	18 C	23 C	23 X	1581	1864	1886	1161	1161	Logs	Colombia
3 I	4 I	7 C	10 C	10 X	307	292	282	539	539	Sawn	
0 RI	0	0 R	0 R	0 RX	2	2	3	3	2	Ven	
6 I	8 I	7 C	4 C	4 X	41	43	50	76	72	Ply	
35 C	63 CB	72	73 C	73 X	541	410	419	418	166	Logs	Ecuador
5 CB	5 CB	4 CB	6 CB	6 X	60	238	281	280	304	Sawn	
2 C	2 C	2 CB	3 C	3 X	34	34	34	33	42	Ven	
85 CB	85 CB	72 CB	52 CB	52 X	253	253	266	286	286	Ply	
6 CB	4 CB	2 CB	2 CB	2 X	247	76	78	78	78	Logs	Guatemala
13 C	11 C	12 C	8 C	8 X	89	10	10	14	14	Sawn	
1 CB	0 CBR	0 CBR	0 CBR	0 RX	1	1	1	1	1	Ven	
5 CB	5 CB	4 CB	0 CBR	0 RX	15	15	16	20	20	Ply	
123	200	171	103	91	258	274	254	258	208	Logs	Guyana
22	34	44	48	49	36	34	30	19	15	Sawn	
0	0	0	0	0	0	0	0	0	0	Ven	
37	24	24	16	17	1	10	15	5	4	Ply	
3 C	0	0	0	0	13	30	21	20	20	Logs	Honduras
6 C	17 C	10 C	4 I	4 I	2	2	4	5	3	Sawn	
0	0	0	0	0	0	0	0	0	0	Ven	
0	0	0	0 C	0 X	0	0	0	0	0	Ply	
4 CB	5 CB	6 CB	4 CB	4 X	1045	835	702	939	908	Logs	Mexico
4 CB	3 CB	5 CB	5 CB	5 X	143	201	273	187	160	Sawn	
2 C	3 C	2 C	2 C	2 X	8	8	7	6	6	Ven	
9 C	7 C	1 C	0 CR	0 RX	183	153	207	174	174	Ply	
30	37 CB	49 CB	37 CB	7	39	37	12	14	34	Logs	Panama
9	9	16	2 C	3	21	21	15	8	6	Sawn	
0 R	0	0	0	0	1	0	1	1	0	Ven	
0	0 R	0	0 R	0	1	1	5	3	1	Ply	

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

Country	Product	Production 2005	2006	2007	2008	2009*	Imports 2005	2006	2007	2008	2009*
Peru	Logs	1728	1774	1963	2356	2356 X	0 C	0 C	0 C	0 C	0 X
	Sawn	736	840	932	1119	1119 X	1	1	1	1	1 X
	Ven	10 I	7 I	4	4	4 X	0 R	0 CR	0 CR	0 CBR	0 R
	Ply	121	61	69	82	82 X	0 R	0 CR	0 CR	0 C	0 X
Suriname	Logs	181	193	166	189	190	0	0	0	0	0
	Sawn	65	69	57	60	65	0	0 C	0 CBR	0 CBR	0
	Ven	0	3	3 I	3 X	3 X	0	0 CR	0	0	0
	Ply	1 I	1 I	0 R	1	1	4	4	5	5	4
Trinidad and Tobago	Logs	55	55 X	55 X	55 X	45	3	1 C	1 C	0	1
	Sawn	46	32 I	32 X	28 I	28	2	1 C	2 I	2	2
	Ven	1 X	1 X	1 X	1 X	1 X	0 CBR	0 CBR	0 CR	0 R	0 R
	Ply	0 X	0 X	0 X	0 X	0 X	3	12 CB	14 CB	10 CB	3
Venezuela	Logs	345	476	538	642	642 X	0	0 CB	0 CB	0 CBR	0 R
	Sawn	191	300 I	250 I	280 I	280 X	25	26	15 F	17 C	17 X
	Ven	20 F	9 I	3 I	5 I	5 X	1	1	1 C	1 C	1 X
	Ply	43	20 I	6 I	7 I	7 X	18	33	26 C	33 C	33 X
Producers Total	**Logs**	**131166**	**133584**	**137444**	**135981**	**134814**	**3756**	**3413**	**3844**	**3648**	**3306**
	Sawn	**40611**	**41308**	**41304**	**41615**	**41174**	**2933**	**2466**	**2743**	**2911**	**2261**
	Ven	**2664**	**2551**	**2820**	**3184**	**3261**	**47**	**53**	**54**	**73**	**52**
	Ply	**13671**	**13472**	**13507**	**12245**	**12261**	**447**	**454**	**468**	**365**	**344**
ITTO Total	**Logs**	**134238**	**136659**	**141848**	**141035**	**139968**	**15115**	**14390**	**15057**	**12881**	**10990**
	Sawn	**41709**	**43422**	**43306**	**43975**	**43738**	**10172**	**8748**	**8942**	**8089**	**7205**
	Ven	**3636**	**3457**	**3726**	**4059**	**4134**	**951**	**914**	**873**	**829**	**686**
	Ply	**20083**	**19882**	**19950**	**18384**	**18416**	**9623**	**9632**	**8012**	**6719**	**6686**

Exports					Domestic Consumption						
2005	2006	2007	2008	2009*	2005	2006	2007	2008	2009*	Product	Country
1 CB	0 CBR	0 CBR	1 CB	1 X	1727	1773	1963	2355	2355	Logs	Peru
183 CB	186 CB	239 CB	172 CB	172 X	554	656	694	948	948	Sawn	
10	6	1	3 C	3 X	1	1	3	1	1	Ven	
44 CB	49 CB	36 CB	41 CB	41 X	78	12	33	41	41	Ply	
9	19	13	29	30	171	174	153	160	160	Logs	Suriname
5	6	8	7	10	60	63	49	53	55	Sawn	
0	0	0	0	0	0	3	3	3	3	Ven	
0 CBR	0 CBR	0	0	0	5	5	5	5	5	Ply	
0 CBR	0 CR	0 CBR	0	0	58	56	56	55	45	Logs	Trinidad
0 CR	0 CR	0 CBR	0 R	0 R	47	33	34	29	30	Sawn	and Tobago
0 CR	0 CR	0 CR	0	0 R	1	1	1	1	1	Ven	
0 CR	0 CR	0 CBR	0 R	0 R	3	12	14	10	2	Ply	
6	1	0 C	0 C	0 X	339	475	538	642	642	Logs	Venezuela
1	0 R	0 R	0 R	0 RX	215	326	265	297	297	Sawn	
0 R	0	0 R	0 CR	0 RX	21	10	4	6	6	Ven	
0 R	0 R	0	0 CR	0 RX	61	53	32	39	39	Ply	
13842	**12752**	**13017**	**11758**	**11381**	**121080**	**124245**	**128271**	**127871**	**126739**	**Logs**	
10645	**10986**	**11176**	**9543**	**9591**	**32900**	**32787**	**32870**	**34984**	**33844**	**Sawn**	**Producers**
1136	**1036**	**1008**	**727**	**733**	**1575**	**1568**	**1866**	**2530**	**2580**	**Ven**	**Total**
8263	**8953**	**8813**	**7302**	**7305**	**5855**	**4972**	**5162**	**5308**	**5299**	**Ply**	
13954	**12878**	**13128**	**11836**	**11443**	**135400**	**138171**	**143777**	**142080**	**139516**	**Logs**	
11264	**11636**	**11803**	**10044**	**9991**	**40618**	**40535**	**40445**	**42021**	**40952**	**Sawn**	**ITTO Total**
1234	**1180**	**1116**	**818**	**817**	**3353**	**3191**	**3484**	**4070**	**4003**	**Ven**	
9740	**10572**	**9733**	**8044**	**8029**	**19966**	**18941**	**18229**	**17059**	**17073**	**Ply**	

Table 1-2-a. Trade of All Timber by ITTO Consumers - Value (1000$ and $/m^3)

			Imports				Exports			
			Value		Unit Value		Value		Unit Value	
Country	Product	Species	2007	2008	2007	2008	2007	2008	2007	2008
	Logs	**All**	**8203542**	**7547890**	**156**	**182**	**578240**	**598142**	**80**	**78**
		C	**4700297**	**4331776**	**129**	**151**	**524078**	**562498**	**75**	**75**
		NC	**3503246**	**3216114**	**217**	**252**	**54162**	**35645**	**248**	**328**
	Sawn	**All**	**5620749**	**5453173**	**331**	**334**	**1147220**	**1103127**	**371**	**380**
		C	**3474292**	**3454084**	**296**	**294**	**804454**	**712745**	**321**	**309**
		NC	**2146457**	**1999089**	**411**	**439**	**342766**	**390382**	**584**	**652**
	Ven	**All**	**507762**	**461050**	**753**	**791**	**304075**	**344754**	**947**	**1118**
Asia-Pacific		**C**	**57066**	**53647**	**481**	**628**	**52322**	**63856**	**338**	**407**
		NC	**450695**	**407403**	**811**	**818**	**251753**	**280898**	**1517**	**1855**
	Ply	**All**	**3253922**	**3193083**	**461**	**523**	**3732264**	**3549494**	**420**	**483**
		C	**541070**	**492673**	**489**	**527**	**2345928**	**2157359**	**353**	**383**
		NC	**2712852**	**2700410**	**456**	**522**	**1386336**	**1392136**	**618**	**808**
	Total	**All**	**17585975**	**16655197**	**--**	**--**	**5761799**	**5595517**	**--**	**--**
		C	**8772725**	**8332181**	**--**	**--**	**3726782**	**3496457**	**--**	**--**
		NC	**8813250**	**8323016**	**--**	**--**	**2035017**	**2099060**	**--**	**--**
Australia	Logs	All	3089 CB	821 I	497	190	94814 C	65547 X	83	77
		C	485 CB	334 CB	149	88	70369 C	54526 C	72	70
		NC	2604 CB	487 C	878	914	24445 C	11021 CB	141	161
	Sawn	All	418208	357619 C	738	487	124433	96038 CB	338	362
		C	289491	260157 C	653	422	83663	47173 CB	263	259
		NC	128717	97462 C	1046	832	40770	48865 CB	814	587
	Ven	All	37095	30530 I	1049	1534	15319 I	32578 I	1666	2382
		C	8662	6073 CB	474	584	7597	6029 C	1333	2021
		NC	28433	24457 C	1664	2572	7722 CB	26549 CB	2207	2483
	Ply	All	135225 I	135353 C	647	606	12663 I	8105 CB	752	586
		C	92238 CB	83221 C	648	575	8535 C	6362 CB	1038	695
		NC	42987 C	52131 C	646	662	4128 CB	1743 CB	479	374
China	Logs	All	5349287	5175836	144	175	1211	986	325	349
		C	2398332	2406763	103	130	17	21	252	211
		NC	2950955	2769073	213	252	1194	965	327	354
	Sawn	All	1768080	2023883	272	285	389927	401405	522	586
		C	515484	721837	184	198	130753	106234	463	491
		NC	1252596	1302046	339	378	259173	295170	557	629
	Ven	All	135718	98504	1045	1075	200086	243925	1313	1672
		C	5306	5409	1229	1313	8485	22954	1115	1621
		NC	130411	93095	1039	1063	191601	220971	1324	1677
	Ply	All	170383	167469	560	570	3577941	3400530	411	473
		C	39651	26562	465	510	2245549	2059743	343	373
		NC	130732	140907	597	583	1332391	1340787	614	809
(Hong Kong S.A.R.)	Logs	All	71614 C	46764 C	521	615	3076 I	2461 I	344	282
		C	2214 C	1101 C	125	243	1121 C	510 C	189	230
		NC	69400 C	45663 C	579	638	1955 CB	1951 CB	650	300
	Sawn	All	151519 C	84386 I	383	283	20256 I	16159 I	234	266
		C	23455 C	25677 C	167	186	17682 C	13899 C	225	244
		NC	128064 C	58709 CB	503	367	2574 CB	2260 CB	328	606
	Ven	All	33641 CB	20165 CB	1039	3507	3041 CB	2213 CB	1973	2376
		C	2008 CB	1173 CB	1843	3596	745 CB	467 CB	1122	2037
		NC	31633 CB	18992 CB	1011	3502	2295 CB	1746 CB	2618	2487
	Ply	All	100274 CB	91518 CB	415	410	10835 I	13445 CB	455	486
		C	62506 CB	57639 CB	446	410	5660 CB	9405 CB	786	481
		NC	37768 CB	33880 CB	372	409	5175 CBI	4040 CB	312	498
(Macao S.A.R.)	Logs	All	373 I	269 I	2047	2282	34 C	2 X	205	156
		C	0 C	0 C	--	--	0 C	0 C	--	--
		NC	373 CB	269 CB	2047	2282	34 C	2 C	205	156
	Sawn	All	4485 CB	2705 CB	258	266	113 CB	283 I	364	212
		C	2769 CB	1602 CB	231	259	33 CB	27 CB	176	237
		NC	1716 CB	1103 CB	318	277	80 CB	257 C	645	210
	Ven	All	259 CB	10 CB	2325	1357	0 C	0 C	--	--
		C	3 CB	2 CB	769	401	0 C	0 C	--	--
		NC	256 CB	7 CB	2385	5811	0 C	0 C	--	--
	Ply	All	6671 CB	5070 CB	1106	478	42 CB	31 CB	359	547
		C	3585 CB	2041 CB	725	468	17 CB	16 CB	687	469
		NC	3086 CB	3029 CB	2836	485	26 CB	15 CB	275	671

Table 1-2-a. Trade of All Timber by ITTO Consumers - Value (1000$ and $/m^3)

			Imports				Exports			
			Value		Unit Value		Value		Unit Value	
Country	Product	Species	2007	2008	2007	2008	2007	2008	2007	2008
(Taiwan	Logs	All	109491 I	102067 I	162	150	27445 C	21562 C	665	703
Province of		C	24638 C	21163 C	207	215	1716 C	1809 C	490	696
China)		NC	84853 CB	80904 CB	153	139	25728 C	19753 C	682	703
	Sawn	All	289276 C	286289 C	260	271	46042 C	49463 I	728	1081
		C	143767 C	151281 C	204	215	14040 C	14913 C	1287	1257
		NC	145509 C	135008 C	357	381	32002 C	34550 CB	611	1020
	Ven	All	71691 C	69827 C	543	475	39774 CB	21438 CB	2627	2893
		C	2362 C	495 C	404	711	1833 CB	1972 CB	2408	2896
		NC	69329 C	69332 C	550	474	37941 CB	19466 CB	2639	2893
	Ply	All	304998 C	305865 I	365	387	35592 C	40456 C	948	884
		C	91788 C	90213 CB	321	357	1537 C	1978 C	989	1657
		NC	213210 C	215652 C	387	402	34055 C	38478 C	947	864
Japan	Logs	All	1757986	1381625	196	222	3428	6983	180	145
		C	1441145	1136078	186	212	2789	5671	155	121
		NC	316841	245547	259	284	639	1312	639	1312
	Sawn	All	2635901	2365428	358	363	15502	25437	535	592
		C	2319582	2093380	334	337	10456	19286	418	495
		NC	316319	272048	777	866	5046	6151	1262	1538
	Ven	All	85522	82947	1125	1257	10930 I	11222 I	9857	8681
		C	15701	16496	714	825	272 CB	972 CB	2497	3320
		NC	69821	66451	1293	1445	10658	10250	10658	10250
	Ply	All	1920114	1847400	472	516	6461	6313	497	631
		C	125396	87189	510	623	2524	2903	316	415
		NC	1794718	1760211	470	511	3937	3410	787	1137
Korea, Rep. of	Logs	All	909031 I	837655	158	173	210	557	957	582
		C	833483	766330	155	167	50	25	844	275
		NC	75548 C	71325	218	282	160	533	998	614
	Sawn	All	305247	288351	316	512	8228	7345	454	883
		C	156539	175772	236	417	6275	5458	429	792
		NC	148708	112578	492	790	1952	1888	554	1325
	Ven	All	139830	154840 I	547	635	1386	1917	2942	4565
		C	22572	23722	343	484	36	52	742	631
		NC	117258	131117 C	618	673	1349	1865	3196	5515
	Ply	All	593504 I	618814 I	437	650	3423	3341	652	1678
		C	114669 C	133903 X	612	714	2113	1289	583	1555
		NC	478835	484910	409	634	1310	2051	803	1766
Nepal	Logs	All	4 I	7 I	400	234	0 I	0 I	--	--
		C	0 C	7 CB	--	234	0 CB	0 CB	--	--
		NC	4 CB	0 C	400	--	0 I	0 X	--	--
	Sawn	All	0 C	0 C	--	--	2 CB	0 CB	132	--
		C	0 C	0 C	--	--	2 CB	0 CB	132	--
		NC	0 C	0 C	--	--	0 CB	0 CB	--	--
	Ven	All	1021 CB	1121 CB	484	578	65 CB	151 CB	429	242
		C	222 CB	277 CB	775	340	59 CB	100 CB	444	249
		NC	799 CB	844 CB	438	752	5 CB	51 CB	310	230
	Ply	All	307 I	819 CB	97	264	470 I	752 CB	255	247
		C	0 C	118 CB	--	1126	0 I	38 CB	--	454
		NC	307 CB	701 CB	97	234	470 CB	713 CB	255	241
New Zealand	Logs	All	2668	2846	667	711	448023 I	500044	75	75
		C	0	0	--	--	448016	499936	75	75
		NC	2668	2846	667	711	6 C	108	650	108
	Sawn	All	48032	44513	924	1060	542718	506997	305	283
		C	23204	24377	892	1108	541551	505755	305	282
		NC	24828	20136	955	1007	1168	1241	292	621
	Ven	All	2985	3107	271	444	33475	31310	237	227
		C	230	0	230	--	33295	31310	238	227
		NC	2755	3107	276	444	180	0	180	--
	Ply	All	22447	20775	748	693	84836	76521 I	1131	1162
		C	11238	11786	803	982	79992	75623	1127	1182
		NC	11209	8989	701	499	4845	898 C	1211	481

Table 1-2-a. Trade of All Timber by ITTO Consumers - Value (1000$ and $/m^3)

Country	Product	Species	Imports Value 2007	Imports Value 2008	Imports Unit Value 2007	Imports Unit Value 2008	Exports Value 2007	Exports Value 2008	Exports Unit Value 2007	Exports Unit Value 2008
ECE Regions	**Logs**	**All**	**6214430**	**5717911**	**95**	**101**	**4520528**	**4297978**	**116**	**123**
		C	**3389867**	**2987842**	**83**	**88**	**2866091**	**2661496**	**95**	**102**
		NC	**2824563**	**2730068**	**116**	**121**	**1654437**	**1636482**	**191**	**189**
	Sawn	**All**	**23552093**	**17997105**	**286**	**286**	**22956283**	**18742944**	**282**	**274**
		C	**17457123**	**13002347**	**242**	**237**	**19328501**	**15622921**	**259**	**249**
		NC	**6094970**	**4994758**	**606**	**622**	**3627782**	**3120023**	**528**	**550**
	Ven	**All**	**2654108**	**2263740**	**1505**	**1563**	**2037947**	**1778461**	**1291**	**1362**
		C	**329463**	**259593**	**833**	**931**	**340293**	**270717**	**575**	**603**
		NC	**2324645**	**2004147**	**1700**	**1714**	**1697653**	**1507745**	**1721**	**1759**
	Ply	**All**	**6780316**	**6138885**	**544**	**584**	**3385165**	**3265743**	**728**	**745**
		C	**1906139**	**1772963**	**444**	**424**	**1386292**	**1311625**	**581**	**594**
		NC	**4874177**	**4365922**	**597**	**689**	**1998873**	**1954118**	**882**	**898**
	Total	**All**	**39200947**	**32117641**	**--**	**--**	**32899922**	**28085126**	**--**	**--**
		C	**23082591**	**18022746**	**--**	**--**	**23921177**	**19866759**	**--**	**--**
		NC	**16118355**	**14094895**	**--**	**--**	**8978746**	**8218367**	**--**	**--**
▶EU	**Logs**	**All**	**5407517**	**5095461**	**98**	**106**	**2234966**	**2152051**	**97**	**109**
		C	**2831584**	**2566162**	**85**	**92**	**1476872**	**1332357**	**86**	**94**
		NC	**2575933**	**2529299**	**117**	**123**	**758094**	**819694**	**130**	**146**
	Sawn	**All**	**15802884**	**12487435**	**337**	**333**	**13789569**	**11753338**	**318**	**297**
		C	**10864590**	**8471182**	**277**	**268**	**11961747**	**10030008**	**299**	**274**
		NC	**4938294**	**4016252**	**648**	**676**	**1827822**	**1723330**	**556**	**588**
	Ven	**All**	**1935716**	**1683877**	**1790**	**1744**	**1191365**	**1104818**	**2085**	**2176**
		C	**180183**	**157415**	**887**	**1051**	**147113**	**139735**	**1020**	**1124**
		NC	**1755533**	**1526462**	**1999**	**1872**	**1044252**	**965083**	**2444**	**2517**
	Ply	**All**	**4270821**	**4089748**	**605**	**636**	**2670856**	**2626087**	**825**	**865**
		C	**1369195**	**1301400**	**494**	**483**	**1017905**	**989624**	**666**	**690**
		NC	**2901626**	**2788348**	**676**	**747**	**1652952**	**1636463**	**967**	**1021**
	Total	**All**	**27416938**	**23356521**	**--**	**--**	**19886756**	**17636295**	**--**	**--**
		C	**15245552**	**12496159**	**--**	**--**	**14603636**	**12491724**	**--**	**--**
		NC	**12171385**	**10860362**	**--**	**--**	**5283119**	**5144571**	**--**	**--**
Austria	Logs	All	805614 E4	732326 E4	92	97	107111 E4	116774 E4	122	120
		C	660204 E2	599908 E2	90	93	76796 E2	89236 E2	107	105
		NC	145410 E2	132418 E2	104	117	30315 E2	27538 E2	193	220
	Sawn	All	579101 E4	558754 E4	339	341	2117945 E4	1913192 E4	270	266
		C	399169 E2	384938 E2	276	271	1987254 E2	1775890 E2	260	253
		NC	179932 E2	173816 E2	689	797	130691 E2	137302 E2	638	748
	Ven	All	130518 E4	120554 E4	2072	2431	104273 E4	85078 E4	2818	3006
		C	12861 E2	11706 E2	804	1018	8461 E2	8184 E2	2820	3273
		NC	117657 E2	108848 E2	2503	2857	95812 E2	76895 E2	2818	2980
	Ply	All	128742 E4	115281 E4	749	867	265660 E4	141372 E4	932	1004
		C	46826 E2	32155 E2	699	622	106884 E2	90484 E2	883	870
		NC	81916 E2	83127 E2	780	1024	158777 E2	50888 C	968	1382
Belgium	Logs	All	277024 E4	251314 E4	68	77	112368 E4	179464 E4	138	175
		C	142910 E1	118006 E1	60	69	59002 E1	56352 E1	102	110
		NC	134113 E1	133309 E1	79	87	53366 E1	123113 E1	224	241
	Sawn	All	998306 E4	877781 E4	349	336	660041 E4	585161 E4	330	300
		C	579637 E1	502799 E1	287	272	377508 E1	352606 E1	318	301
		NC	418669 E1	374982 E1	497	491	282533 E1	232555 E1	347	300
	Ven	All	71896 E4	64553 E4	1598	1537	43856 E4	31916 E4	1371	1330
		C	4331 E2	4545 E2	433	413	0 E2	0 E2	--	--
		NC	67566 E2	60009 E2	1930	1936	43856 E2	31916 E2	1371	1330
	Ply	All	317819 E4	328283 E4	473	519	198037 E4	278570 E4	513	593
		C	84560 E2	93249 E2	319	370	48242 E2	66627 E2	360	362
		NC	233259 E2	235034 E2	573	617	149796 E2	211942 E2	594	741
Denmark	Logs	All	66817 C	55242 C	144	182	75261 I	49099 I	75	94
		C	34312 C	25147 C	102	125	56224 E1	33988 E1	66	83
		NC	32504 C	30095 C	252	298	19037 CB	15112 CB	133	136
	Sawn	All	828683 C	628740 C	316	351	68541 I	84669 I	429	267
		C	685244 C	506135 C	282	308	32020 C	43210 C	252	303
		NC	143440 C	122606 C	745	832	36521 E1	41459 E1	1116	238
	Ven	All	53688 C	44315 C	2405	2184	12470 E4	11062 I	3756	3183
		C	4501 C	3373 C	1190	1185	209 E1	253 E1	2981	3621
		NC	49187 C	40942 C	2653	2348	12261 E1	10809 C	3773	3174
	Ply	All	174327 C	200590 I	651	575	28911 I	27697 I	971	582
		C	115442 C	124843 C	595	529	18776 C	17050 E1	815	541
		NC	58885 C	75747 E1	799	671	10135 E1	10648 C	1499	662

Table 1-2-a. Trade of All Timber by ITTO Consumers - Value (1000$ and $/m^3)

			Imports				Exports			
			Value		Unit Value		Value		Unit Value	
Country	Product	Species	2007	2008	2007	2008	2007	2008	2007	2008
Finland	Logs	All	1045909 E4	1288320 E4	81	96	84707 E4	99243 E4	131	140
		C	537093 E2	561190 E2	87	96	79367 E2	93746 E2	131	141
		NC	508816 E2	727131 E2	75	96	5339 E2	5496 E2	131	122
	Sawn	All	214359 E4	159338 E4	342	340	2246120 E4	1697697 E4	317	283
		C	145149 E2	106336 E2	259	251	2235894 E2	1689345 E2	316	282
		NC	69211 E2	53002 E2	1060	1165	10226 E2	8352 E2	681	751
	Ven	All	21645 E4	31817 E4	1555	771	58765 E4	56905 E4	802	911
		C	405 E1	645 E1	1556	709	30931 E2	32471 E2	522	630
		NC	21240 E1	31172 E1	1555	773	27834 E2	24435 E2	1984	2242
	Ply	All	72742 E4	85042 E4	624	698	918332 E4	896490 E4	747	828
		C	11551 E2	16415 E2	477	521	347465 E2	348151 E2	523	550
		NC	61191 E2	68627 E2	663	760	570867 E2	548339 E2	1011	1220
France	Logs	All	426660 E4	373854 E4	134	159	374452 E4	347693 E4	94	99
		C	170452 E2	126815 E2	79	86	121006 E2	116343 E2	56	61
		NC	256208 E2	247039 E2	248	283	253447 E2	231349 E2	139	146
	Sawn	All	1688215 E4	1530317 E4	365	383	482826 E4	435535 E4	333	365
		C	1223130 E2	1135213 E2	304	321	201077 E2	171036 E2	216	229
		NC	465085 E2	395104 E2	770	868	281749 E2	264498 E2	543	591
	Ven	All	201059 E4	168860 E4	1260	1364	115713 E4	99525 E4	3456	3705
		C	21385 E2	21169 E2	574	732	5049 E2	5365 E2	1434	1896
		NC	179674 E2	147690 E2	1469	1556	110664 E2	94159 E2	3694	3918
	Ply	All	383400 E4	396973 E4	835	790	298643 E4	297459 E4	1313	1334
		C	107321 E2	110161 E2	773	789	104435 E2	109981 E2	1138	1214
		NC	276079 E2	286812 E2	862	790	194208 E2	187478 E2	1432	1417
Germany	Logs	All	531039 E4	463252 E4	113	112	794700 E4	725980 E4	104	108
		C	355822 E2	330258 E2	85	89	581853 E2	551859 E2	95	101
		NC	175217 E2	132994 E2	344	320	212847 E2	174121 E2	137	142
	Sawn	All	1697749 E4	1422136 E4	239	243	3036161 E4	2592060 E4	293	302
		C	1270125 E2	1046726 E2	207	207	2482265 E2	2079396 E2	266	268
		NC	427625 E2	375410 E2	437	465	553896 E2	512664 E2	532	622
	Ven	All	328798 E4	266415 E4	1284	1205	349447 I	332313 E4	2025	2064
		C	16619 E2	14802 E2	554	569	3197 C	2664 E2	5379	2664
		NC	312179 E2	251613 E2	1381	1290	346250 E2	329649 E2	2013	2060
	Ply	All	975525 E4	935640 E4	644	734	344336 E4	327075 E4	935	1021
		C	223583 E1	228404 E1	433	475	98275 E1	85881 E1	706	750
		NC	751942 E1	707236 E1	752	891	246061 E1	241194 E1	1075	1173
Greece	Logs	All	21382 E4	19477 I	126	97	991 I	1255 I	108	129
		C	11050 E1	9145 E5	128	78	303 CB	9 E5	144	287
		NC	10332 E1	10332 X	123	123	688 E1	1247 C	97	128
	Sawn	All	322068 E4	322067 E4	347	347	8639 E4	7461 E4	627	656
		C	246833 E1	246832 E5	301	301	2020 E1	842	388	301
		NC	75235 E1	75235 E5	691	691	6618 E1	6618 E5	772	772
	Ven	All	64066 E4	64066 E4	2246	2246	3408 E4	3408 E4	1593	1593
		C	4167 E1	4167 E5	2894	2894	170 E1	170 E5	772	772
		NC	59898 E1	59898 E5	2212	2212	3239 E1	3239 E5	1687	1687
	Ply	All	23704 I	45473 I	624	669	15885 I	22792 I	882	1435
		C	9912 E1	9912 E5	672	672	1966 E1	3617	902	1239
		NC	13793 CB	35561 C	593	669	13919 CB	19174 C	880	1480
Ireland	Logs	All	103559 E4	71484 E4	392	220	25271 E4	21144 E4	82	82
		C	67819 E2	47547 E2	317	165	17886 E2	14424 E2	61	58
		NC	35740 E2	23937 E2	715	633	7384 E2	6720 E2	568	635
	Sawn	All	344270 E4	207249 E4	476	503	97274 E4	79650 E4	255	205
		C	242232 E2	133463 E2	404	385	94969 E2	77666 E2	251	200
		NC	102038 E2	73786 E2	823	1127	2305 E2	1984 E2	768	1096
	Ven	All	19657 E4	13174 E4	1156	1546	1191 E4	1465 E4	4107	6659
		C	8022 E2	3615 E2	802	1086	715 E2	1260 E2	7949	9003
		NC	11636 E2	9559 E2	1662	1842	476 E2	204 E2	2378	2556
	Ply	All	132275 I	86925 I	507	508	381 C	153 C	675	411
		C	46707 C	28731 C	482	427	133 C	2 C	661	592
		NC	85569 E2	58194 E2	522	561	247 C	151 C	683	410

Table 1-2-a. Trade of All Timber by ITTO Consumers - Value (1000$ and $/m^3)

			Imports				Exports			
			Value		Unit Value		Value		Unit Value	
Country	Product	Species	2007	2008	2007	2008	2007	2008	2007	2008
Italy	Logs	All	567291 E4	466573 E4	132	134	9749 E4	10816 E4	322	326
		C	211685 E2	205088 E2	109	117	4758 C	3489 E2	243	154
		NC	355606 E2	261485 E2	151	151	4991 E2	7327 E2	466	693
	Sawn	All	2622201 E4	1977174 E4	327	294	203432 I	192030 E4	709	790
		C	1672176 E2	1427282 E2	260	257	49835 E2	44194 E2	331	348
		NC	950025 E2	549892 E2	596	469	153596 C	147836 E2	1125	1276
	Ven	All	377675 I	350582 I	2076	2130	190595 I	179776 I	2730	3345
		C	16979 E2	14133 E2	2122	2827	15283 C	9572 E2	2874	5259
		NC	360696 C	336449 C	2074	2108	175312 E2	170204 CB	2718	3278
	Ply	All	330075 E4	365366 E4	561	689	149712 I	197992 E4	922	1074
		C	95000 E2	128136 E2	459	485	35979 E2	35388 E2	1162	1457
		NC	235075 E2	237230 E2	617	892	113733 C	162604 E2	866	1016
Luxembourg	Logs	All	50965 E4	32997 E4	49	71	28196 E4	29017 I	94	93
		C	31592 E1	22066 E1	39	63	23848 E1	20575 E1	93	103
		NC	19372 E1	10931 E1	83	100	4348 E1	8442 CB	105	75
	Sawn	All	30773 E4	31459 E4	208	233	17124 E4	22313 E4	257	250
		C	14486 E1	16028 E1	115	137	11373 E1	15964 E1	276	234
		NC	16287 E3	15431 E3	715	856	5752 E1	6349 E1	226	305
	Ven	All	787 E4	476 E4	3027	3176	2 I	32 I	8652	1949
		C	359 E1	150 E1	3987	4985	0 I	32 CB	--	1949
		NC	428 E1	327 E1	2518	2724	2 C	0 I	8652	--
	Ply	All	6582 E4	8570 E4	741	801	2609 I	3331 I	556	746
		C	1047 E1	1208 E1	585	629	0 I	21 C	--	403
		NC	5535 E1	7362 E1	781	839	2609 CB	3309 CB	556	750
Netherlands	Logs	All	45513 E4	36607 E4	97	104	57591 E4	44050 E4	87	90
		C	27444 E2	24737 E2	67	80	42461 E2	28859 E2	75	74
		NC	18069 E2	11869 E2	299	263	15130 E2	15192 E2	154	157
	Sawn	All	1400615 E4	1287900 E4	408	415	304511 E4	262498 E4	507	621
		C	833979 E2	717865 E2	299	287	142455 E2	95648 E2	315	331
		NC	566636 E2	570035 E2	884	947	162056 E2	166850 E2	1091	1252
	Ven	All	52653 E4	50473 E4	1389	1426	25066 E4	32796 E4	3387	3685
		C	14303 E2	14517 E2	1007	1044	1491 E2	1456 E2	828	766
		NC	38351 E2	35957 E2	1618	1672	23575 E2	31340 E2	4210	4477
	Ply	All	424880 E4	467589 E4	699	736	46936 E4	46520 E4	852	907
		C	118621 E2	150676 E2	481	518	5940 E2	8545 E2	566	647
		NC	306259 E2	316913 E2	848	921	40996 E2	37975 E2	919	997
Poland	Logs	All	155694 E4	143917 E4	75	77	44075 E4	47099 E4	131	128
		C	66216 E2	53451 E2	65	75	35256 E2	37516 E2	132	134
		NC	89478 E2	90466 E2	84	78	8818 E2	9583 E2	127	108
	Sawn	All	297005 E4	332195 E4	369	362	235612 E4	202190 E4	377	420
		C	152872 E2	183803 E2	335	312	141880 E2	105004 E2	287	293
		NC	144133 E2	148393 E2	414	451	93732 E2	97186 E2	722	791
	Ven	All	88291 E4	91091 E4	2227	2329	63178 E4	59006 E4	2472	2385
		C	7113 E2	7812 E2	899	1585	3481 E2	5284 E2	1222	1264
		NC	81179 E2	83279 E2	2558	2436	59696 E2	53721 E2	2629	2613
	Ply	All	132210 E4	130982 E4	815	835	145906 E4	143000 E4	986	1072
		C	57247 E2	33478 E2	1139	991	74571 E2	59625 E2	1085	1117
		NC	74964 E2	97505 E2	670	793	71335 E2	83375 E2	900	1042
Portugal	Logs	All	142351 E4	99416 E4	191	191	124751 E4	158658 E4	82	118
		C	12695 E2	14465 E2	74	81	6881 E2	6508 E2	60	370
		NC	129656 E2	84951 E2	226	247	117870 E2	152150 E2	84	115
	Sawn	All	216947 E4	175875 E4	718	867	127391 E4	92325 E4	201	314
		C	30461 E2	22443 E2	448	594	110836 E2	79644 E2	216	286
		NC	186487 E2	153432 E2	797	930	16554 E2	12681 E2	135	832
	Ven	All	82053 I	71173 E4	1729	1756	34171 E4	32526 E4	833	928
		C	16383 E2	20436 E2	2340	2627	13513 E2	12170 E2	450	560
		NC	65670 C	50736 E2	1624	1550	20658 E2	20356 E2	1878	1528
	Ply	All	43338 I	47426 E4	620	759	4397 E4	5212 E4	152	119
		C	16334 E2	14128 E2	563	686	2312 E2	854 E2	110	116
		NC	27004 C	33298 E2	660	796	2085 E2	4358 E2	261	119

Table 1-2-a. Trade of All Timber by ITTO Consumers - Value (1000$ and $/m^3)

Country	Product	Species	Imports Value 2007	Imports Value 2008	Imports Unit Value 2007	Imports Unit Value 2008	Exports Value 2007	Exports Value 2008	Exports Unit Value 2007	Exports Unit Value 2008
Spain	Logs	All	316441 E4	279492 E4	80	98	27756 E4	53120 I	76	114
		C	99263 E2	63053 E2	55	67	9356 E2	17000 E2	58	125
		NC	217178 E2	216439 E2	101	113	18399 E1	36120 CB	91	109
	Sawn	All	1269019 E4	779589 E4	316	319	80950 E4	75397 I	587	538
		C	716704 E2	394724 E2	233	207	34023 E2	32372 E2	391	397
		NC	552315 E2	384865 E2	590	717	46928 E2	43026 CB	920	734
	Ven	All	304187 E4	222625 E4	2653	2064	129557 E4	125999 E4	3322	2610
		C	32012 E2	24547 E2	969	1405	27088 E2	28760 E2	3010	2277
		NC	272175 E2	198078 E2	3333	2192	102469 E2	97240 E2	3416	2728
	Ply	All	205337 E4	93052 E4	796	918	177755 E4	169453 E4	1097	794
		C	57837 E2	29685 E2	785	740	123762 E2	118747 E2	959	1075
		NC	147500 E2	63367 E2	800	1035	53994 E2	50707 E2	1636	493
Sweden	Logs	All	680670 E4	645652 E4	92	95	309952 E4	218600 E4	81	93
		C	310649 E2	295532 E2	87	88	306544 E2	215641 E2	81	92
		NC	370021 E2	350119 E2	97	103	3408 E2	2958 E2	243	196
	Sawn	All	257355 E4	192627 E4	629	506	3963739 E4	3419537 E4	349	285
		C	110380 E2	96494 E2	417	357	3953072 E2	3405399 E2	349	284
		NC	146975 E2	96133 E2	1021	874	10668 E2	14138 E2	711	656
	Ven	All	60153 E4	49805 E4	2864	3906	38710 E4	34361 E4	1290	1544
		C	7704 E2	2221 E2	1101	2961	28928 E1	25356 E3	1071	1274
		NC	52449 E2	47584 E2	3746	3965	9782 E1	9005 E3	3261	3848
	Ply	All	153050 E4	16130 E4	638	84	35830 E4	36443 E4	568	802
		C	78525 E2	9686 E2	561	78	30021 E1	31404 E3	504	812
		NC	74525 E2	6444 E2	745	95	5809 E1	5038 E3	1627	744
U.K.	Logs	All	170590 E4	135540 E4	254	276	58036 E4	50039 E4	77	69
		C	92378 E2	69755 E2	158	165	55329 E2	46812 E2	74	65
		NC	78212 E2	65785 E2	899	953	2706 E2	3227 E2	218	458
	Sawn	All	3036217 E4	2004233 E4	359	341	139263 E4	91624 E4	403	413
		C	2542015 E2	1550101 E2	320	283	105266 E2	61793 E2	322	301
		NC	494202 E2	454132 E2	945	1138	33997 E2	29831 E2	1759	1768
	Ven	All	78589 E4	73898 E4	2374	2458	20962 E4	18649 E4	4547	2989
		C	13041 E2	9577 E2	756	685	8596 E2	6738 E2	5655	1787
		NC	65548 E2	64322 E2	4136	4000	12366 E2	11912 E2	4002	4823
	Ply	All	766814 E4	766427 E4	472	514	37527 E4	32529 E4	539	552
		C	298684 E2	290535 E2	423	449	19145 E2	13246 E2	577	528
		NC	468130 E2	475892 E2	510	565	18382 E2	19282 E2	504	569
▶Europe Non-EU	**Logs**	**All**	**244680**	**206630**	**86**	**96**	**206927**	**202068**	**91**	**98**
		C	**173146**	**164889**	**80**	**89**	**170661**	**157807**	**87**	**96**
		NC	**71534**	**41741**	**107**	**146**	**36266**	**44261**	**117**	**108**
	Sawn	**All**	**730202**	**647571**	**457**	**467**	**208035**	**215130**	**283**	**249**
		C	**613853**	**526215**	**413**	**412**	**194556**	**201965**	**277**	**242**
		NC	**116349**	**121357**	**1041**	**1129**	**13479**	**13164**	**409**	**493**
	Ven	**All**	**41210**	**42441**	**2935**	**3329**	**21091**	**15409**	**3575**	**3833**
		C	**4962**	**4024**	**1879**	**2074**	**3680**	**2928**	**3505**	**3853**
		NC	**36248**	**38417**	**3180**	**3554**	**17411**	**12481**	**3590**	**3829**
	Ply	**All**	**242587**	**256567**	**1220**	**1335**	**9875**	**11857**	**1674**	**2110**
		C	**153206**	**155763**	**1146**	**1164**	**5077**	**6810**	**2208**	**3124**
		NC	**89381**	**100804**	**1369**	**1725**	**4798**	**5047**	**1333**	**1467**
	Total	**All**	**1258679**	**1153210**	**--**	**--**	**445928**	**444464**	**--**	**--**
		C	**945167**	**850891**	**--**	**--**	**373974**	**369510**	**--**	**--**
		NC	**313512**	**302319**	**--**	**--**	**71954**	**74954**	**--**	**--**
Norway	Logs	All	213069 E4	171699 E4	84	95	64239 E4	66514 E4	68	74
		C	158463 E2	140058 E2	80	89	63621 E2	64504 E2	68	74
		NC	54606 E2	31642 E2	99	133	618 E2	2011 E2	65	68
	Sawn	All	506861 E4	396292 E4	432	424	122519 E4	105705 E4	316	254
		C	465349 E2	358232 E2	410	398	121054 E2	103474 E2	314	250
		NC	41512 E2	38060 E2	1109	1091	1465 E2	2231 E1	857	941
	Ven	All	17098 E4	15478 E4	1881	2029	2319 E4	1233 E4	2209	2090
		C	2042 E2	1337 E2	1260	1337	1094 E2	241 E2	2233	1606
		NC	15057 E2	14142 E2	2016	2133	1225 E2	992 E2	2188	2255
	Ply	All	101674 E4	102297 E4	1387	1669	3117 E4	3055 E4	2195	2297
		C	42578 E2	38555 E2	1387	1463	2408 E2	1899 E2	2150	3063
		NC	59096 E2	63742 E2	1388	1823	710 E2	1156 E2	2366	1628

Table 1-2-a. Trade of All Timber by ITTO Consumers - Value (1000$ and $/m^3)

Country	Product	Species	Imports Value 2007	Imports Value 2008	Imports Unit Value 2007	Imports Unit Value 2008	Exports Value 2007	Exports Value 2008	Exports Unit Value 2007	Exports Unit Value 2008
Switzerland	Logs	All	31612 I	34931 E4	104	103	142688 I	135554 E4	107	117
		C	14684 E2	24831 E2	79	85	107040 E2	93303 E2	104	120
		NC	16928 F	10099 E2	142	209	35648 C	42251 E2	118	111
	Sawn	All	223341 E4	251279 E4	525	558	85515 E4	109425 E4	246	245
		C	148505 E2	167983 E2	423	445	73502 E2	98492 E2	233	234
		NC	74836 E2	83297 E2	1007	1147	12014 E2	10933 E2	385	449
	Ven	All	24111 E4	26963 E4	4871	5266	18772 E4	14176 E4	3870	4133
		C	2920 E2	2687 E2	2863	2859	2586 E2	2687 E2	4618	4405
		NC	21191 E2	24276 E2	5392	5808	16185 E2	11489 E2	3773	4074
	Ply	All	140913 E4	154270 E4	1122	1178	6758 E4	8802 E4	1508	2052
		C	110628 E2	117208 E2	1075	1091	2670 E2	4911 E2	2263	3148
		NC	30285 E2	37062 E2	1335	1578	4088 E2	3892 E2	1239	1425
▶North America	**Logs**	**All**	**562232**	**415820**	**77**	**69**	**2078635**	**1943858**	**154**	**149**
		C	**385136**	**256791**	**69**	**61**	**1218558**	**1171332**	**111**	**113**
		NC	**177096**	**159028**	**100**	**87**	**860076**	**772526**	**341**	**291**
	Sawn	**All**	**7019007**	**4862099**	**208**	**203**	**8958680**	**6774476**	**240**	**243**
		C	**5978680**	**4004950**	**190**	**182**	**7172199**	**5390948**	**212**	**214**
		NC	**1040327**	**857149**	**446**	**433**	**1786481**	**1383528**	**503**	**510**
	Ven	**All**	**677182**	**537422**	**1014**	**1143**	**825491**	**658234**	**825**	**829**
		C	**144318**	**98155**	**760**	**773**	**189500**	**128054**	**425**	**396**
		NC	**532865**	**439267**	**1114**	**1281**	**635991**	**530180**	**1147**	**1127**
	Ply	**All**	**2266908**	**1792570**	**436**	**460**	**704433**	**627799**	**501**	**468**
		C	**383738**	**315800**	**277**	**234**	**363310**	**315191**	**425**	**409**
		NC	**1883170**	**1476770**	**494**	**580**	**341123**	**312608**	**617**	**548**
	Total	**All**	**10525330**	**7607911**	**--**	**--**	**12567238**	**10004367**	**--**	**--**
		C	**6891872**	**4675696**	**--**	**--**	**8943566**	**7005525**	**--**	**--**
		NC	**3633458**	**2932214**	**--**	**--**	**3623672**	**2998842**	**--**	**--**
Canada	Logs	All	350503 E4	303067 E4	69	66	401309 E4	300788 E4	113	106
		C	204416 E1	171086 E1	59	56	357970 E1	273236 E1	106	103
		NC	146087 E1	131981 E1	90	84	43339 E1	27552 E1	222	154
	Sawn	All	540598 E4	478008 E4	331	261	6976830 E4	5059401 E4	210	209
		C	147282 E1	157074 E1	277	221	6612313 E1	4806752 E1	204	203
		NC	393316 E1	320934 E1	357	285	364517 E1	252649 E1	453	522
	Ven	All	201068 E4	160275 E4	659	771	320192 E4	243615 E4	488	474
		C	13667 E1	8041 E1	506	1005	130888 E1	88684 E1	326	301
		NC	187401 E1	152234 E1	674	761	189304 E1	154931 E1	745	707
	Ply	All	215943 I	191592 I	269	230	511846 E4	397626 E4	531	476
		C	82629 E1	83086 E1	194	123	258619 E1	187110 E1	454	420
		NC	133314 C	108506 CB	354	694	253227 E1	210516 E1	643	540
U.S.A.	Logs	All	211729 E4	112753 E4	94	79	1677326 E4	1643070 E4	169	161
		C	180720 E1	85705 E1	86	73	860588 E1	898096 E1	113	116
		NC	31009 E1	27048 E1	209	105	816737 E1	744974 E1	351	300
	Sawn	All	6478409 E4	4384091 E4	201	198	1981850 E4	1715075 E4	480	463
		C	5831398 E1	3847876 E1	188	181	559886 E1	584196 E1	405	397
		NC	647011 E1	536215 E1	527	629	1421964 E1	1130879 E1	518	507
	Ven	All	476115 E4	377147 E4	1312	1440	505299 E4	414619 E4	1466	1481
		C	130650 E1	90114 E1	802	757	58611 E1	39370 E1	1329	1379
		NC	345464 E1	287033 E1	1726	2008	446687 E1	375249 E1	1486	1493
	Ply	All	2050965 E4	1600978 E4	466	523	192587 E4	230173 E4	435	455
		C	301109 E1	232714 E1	314	347	104691 E1	128081 E1	368	393
		NC	1749856 E1	1368264 E1	509	573	87896 E1	102092 E1	554	567
North Africa	**Logs**	**All**	**19786**	**30145**	**164**	**173**	**169**	**85**	**106**	**333**
		C	**15448**	**22509**	**161**	**155**	**18**	**1**	**102**	**217**
		NC	**4338**	**7635**	**177**	**266**	**151**	**84**	**106**	**335**
	Sawn	**All**	**713494**	**795674**	**199**	**197**	**294**	**663**	**386**	**648**
		C	**591622**	**662872**	**196**	**197**	**161**	**98**	**365**	**309**
		NC	**121872**	**132802**	**213**	**198**	**134**	**565**	**414**	**799**
	Ven	**All**	**27293**	**32173**	**1114**	**1462**	**245**	**166**	**1067**	**1701**
		C	**62**	**2449**	**1659**	**1790**	**42**	**27**	**778**	**976**
		NC	**27231**	**29725**	**1114**	**1441**	**204**	**139**	**1154**	**1990**
	Ply	**All**	**169883**	**219296**	**421**	**451**	**809**	**333**	**581**	**584**
		C	**76292**	**71286**	**441**	**427**	**149**	**299**	**328**	**658**
		NC	**93591**	**148010**	**406**	**464**	**659**	**35**	**704**	**298**
	Total	**All**	**930455**	**1077288**	**--**	**--**	**1517**	**1248**	**--**	**--**
		C	**683423**	**759116**	**--**	**--**	**369**	**425**	**--**	**--**
		NC	**247032**	**318171**	**--**	**--**	**1148**	**823**	**--**	**--**

Table 1-2-a. Trade of All Timber by ITTO Consumers - Value (1000$ and $/m^3)

			Imports				Exports			
			Value		Unit Value		Value		Unit Value	
Country	Product	Species	2007	2008	2007	2008	2007	2008	2007	2008
Egypt	Logs	All	19786 CB	30145 CB	164	173	169 I	85 I	106	333
		C	15448 CB	22509 CB	161	155	18 CB	1 CB	102	217
		NC	4338 CB	7635 CB	177	266	151 C	84 C	106	335
	Sawn	All	713494 C	795674 C	199	197	294 I	663 CB	386	648
		C	591622 C	662872 C	196	197	161 CB	98 CB	365	309
		NC	121872 C	132802 C	213	198	134 CBI	565 CB	414	799
	Ven	All	27293 I	32173 CB	1114	1462	245 CB	166 CB	1067	1701
		C	62 C	2449 CB	1659	1790	42 CB	27 CB	778	976
		NC	27231 CB	29725 CB	1114	1441	204 CB	139 CB	1154	1990
	Ply	All	169883 CB	219296 CB	421	451	809 I	333 I	581	584
		C	76292 CB	71286 CB	441	427	149 C	299 CB	328	658
		NC	93591 CB	148010 CB	406	464	659 CB	35 C	704	298
Consumers Total	**Logs**	**All**	**14437758**	**13295946**	**122**	**136**	**5098937**	**4896205**	**111**	**115**
		C	**8105611**	**7342128**	**105**	**117**	**3390187**	**3223995**	**91**	**96**
		NC	**6332147**	**5953818**	**156**	**168**	**1708750**	**1672210**	**192**	**190**
	Sawn	**All**	**29886335**	**24245952**	**291**	**291**	**24103797**	**19846733**	**285**	**279**
		C	**21523036**	**17119303**	**248**	**245**	**20133115**	**16335764**	**261**	**252**
		NC	**8363299**	**7126649**	**527**	**538**	**3970682**	**3510969**	**532**	**560**
	Ven	**All**	**3189162**	**2756963**	**1295**	**1343**	**2342267**	**2123382**	**1233**	**1316**
		C	**386591**	**315689**	**752**	**864**	**392657**	**334600**	**526**	**553**
		NC	**2802571**	**2441275**	**1439**	**1446**	**1949610**	**1788782**	**1691**	**1774**
	Ply	**All**	**10204121**	**9551265**	**512**	**558**	**7118237**	**6815571**	**526**	**581**
		C	**2523501**	**2336923**	**453**	**443**	**3732369**	**3469282**	**413**	**443**
		NC	**7680620**	**7214341**	**535**	**610**	**3385869**	**3346288**	**751**	**858**
	Total	**All**	**57717376**	**49850126**	**--**	**--**	**38663238**	**33681891**	**--**	**--**
		C	**32538739**	**27114043**	**--**	**--**	**27648328**	**23363641**	**--**	**--**
		NC	**25178637**	**22736083**	**--**	**--**	**11014910**	**10318250**	**--**	**--**
ITTO Total	**Logs**	**All**	**15756882**	**14805036**	**127**	**143**	**7840966**	**7678545**	**132**	**141**
		C	**8186812**	**7421719**	**104**	**117**	**3421891**	**3253540**	**91**	**96**
		NC	**7570070**	**7383317**	**168**	**185**	**4419076**	**4425005**	**201**	**214**
	Sawn	**All**	**31234202**	**25322101**	**288**	**288**	**27753057**	**23518823**	**282**	**283**
		C	**22006158**	**17440911**	**248**	**246**	**20483967**	**16752206**	**260**	**253**
		NC	**9228044**	**7881190**	**469**	**470**	**7269090**	**6766616**	**373**	**405**
	Ven	**All**	**3400055**	**2992816**	**1298**	**1348**	**3057720**	**2792664**	**1016**	**1146**
		C	**440195**	**368722**	**780**	**899**	**429516**	**363346**	**506**	**519**
		NC	**2959860**	**2624094**	**1441**	**1450**	**2628205**	**2429318**	**1216**	**1398**
	Ply	**All**	**10816218**	**10249673**	**510**	**556**	**11579751**	**11374732**	**453**	**519**
		C	**2851609**	**2773883**	**450**	**450**	**4688190**	**4659399**	**384**	**435**
		NC	**7964610**	**7475790**	**535**	**609**	**6891561**	**6715332**	**517**	**599**
	Total	**All**	**61207356**	**53369625**	**--**	**--**	**50231495**	**45364764**	**--**	**--**
		C	**33484773**	**28005235**	**--**	**--**	**29023563**	**25028492**	**--**	**--**
		NC	**27722583**	**25364390**	**--**	**--**	**21207931**	**20336272**	**--**	**--**

Table 1-2-b. Trade of Tropical Timber by ITTO Consumers - Value (1000$ and $/m^3)

Country	Product	Imports Value 2007	Imports Value 2008	Imports Unit Value 2007	Imports Unit Value 2008	Exports Value 2007	Exports Value 2008	Exports Unit Value 2007	Exports Unit Value 2008
	Logs	**2328326**	**2178081**	**236**	**260**	**16403**	**14442**	**1044**	**869**
	Sawn	**1243773**	**1140636**	**393**	**421**	**76684**	**80627**	**753**	**899**
Asia-Pacific	**Ven**	**203389**	**208138**	**489**	**521**	**18597**	**16342**	**1507**	**1715**
	Ply	**2211891**	**2080967**	**489**	**526**	**188343**	**143333**	**413**	**592**
	Total	**5987379**	**5607822**	**--**	**--**	**300027**	**254744**	**--**	**--**
Australia	Logs	136 CB	309 C	689	1872	750 CB	189 CB	488	653
	Sawn	66356 C	60974 C	801	860	111 C	362 C	684	517
	Ven	8481	9709 C	919	2558	83 C	274 C	2587	5126
	Ply	38741 C	46362 C	658	677	3492 CB	1591 CB	508	355
China	Logs	1932164	1875963	243	270	7	0	350	--
	Sawn	704485	738180	335	378	52925	55409	657	757
	Ven	37133 C	42738	431	667	9398	9491	972	1187
	Ply	108705	119452	570	548	168193	125813	406	598
(Hong Kong	Logs	23452 C	16152 C	530	571	1674 CB	1888 CB	745	297
S.A.R.)	Sawn	82776 C	27593 CB	512	261	2245 CB	1470 CB	434	535
	Ven	7507 C	2670 C	691	1973	2295 CB	1746 CB	2618	2487
	Ply	32847 CB	28377 CB	418	406	5175 CBI	4040 CB	312	498
(Macao S.A.R.)	Logs	10 CB	4 C	527	252	34 C	2 C	205	156
	Sawn	817 CB	606 CB	385	358	79 CB	257 C	684	210
	Ven	99 CB	0 CB	3169	--	0 C	0 C	--	--
	Ply	2892 CB	2826 CB	5345	526	26 CB	15 CB	275	671
(Taiwan	Logs	68815 CB	67495 CB	131	123	13253 C	10830 C	1242	1228
Province of	Sawn	119549 C	110616 C	349	368	19181 C	21539 C	1543	2154
China)	Ven	51027 C	55767 C	453	411	3932 CB	1911 CB	3120	3916
	Ply	196065 C	203940 C	388	397	9016 C	8570 C	642	630
Japan	Logs	248094 C	180496 C	234	250	631	1310	631	1310
	Sawn	159215 C	131751 C	669	745	1000	886	1000	886
	Ven	28555 C	28557 C	845	1044	2704 C	2489 C	14295	15304
	Ply	1418534	1267536	544	534	749	810	749	810
Korea, Rep. of	Logs	55652 C	37201	186	252	54	222	738	1684
	Sawn	98084	63865	436	663	1083	619	464	890
	Ven	69561	67596 C	433	412	114	419	2727	5176
	Ply	409232	408456	381	583	1161	1570	729	1555
Nepal	Logs	4 CB	0 C	400	--	0 I	0 X	--	--
	Sawn	0 C	0 C	--	--	0 CB	0 CB	--	--
	Ven	799 CB	844 CB	438	752	0 CB	13 CB	--	277
	Ply	307 CB	701 CB	97	234	452 CB	704 CB	260	241
New Zealand	Logs	0	461	--	461	0	0	--	32
	Sawn	12491	7051	961	1007	61	86	722	983
	Ven	226	257	226	128	71	0	256	--
	Ply	4568	3318	653	474	80 C	220 C	819	276
	Logs	**537532**	**438368**	**405**	**521**	**59720**	**47429**	**628**	**768**
	Sawn	**2533874**	**2275369**	**837**	**924**	**556989**	**478052**	**1061**	**1162**
ECE Regions	**Ven**	**606085**	**555587**	**1549**	**1600**	**220767**	**205198**	**2315**	**2526**
	Ply	**1804780**	**1506955**	**628**	**672**	**514525**	**512920**	**1111**	**1026**
	Total	**5482271**	**4776279**	**--**	**--**	**1352000**	**1243598**	**--**	**--**
	Logs	**526560**	**433381**	**428**	**526**	**58616**	**46456**	**659**	**801**
	Sawn	**2195729**	**1932150**	**849**	**927**	**538374**	**467874**	**1077**	**1177**
▶EU	**Ven**	**549358**	**502952**	**1574**	**1587**	**197066**	**195733**	**2447**	**2549**
	Ply	**966736**	**937286**	**721**	**702**	**498297**	**490788**	**1165**	**1081**
	Total	**4238383**	**3805768**	**--**	**--**	**1292352**	**1200852**	**--**	**--**
Austria	Logs	397 E2	838 E2	903	1950	0 E2	0 E2	--	--
	Sawn	16314 E2	12197 E2	1020	1220	3618 E2	4979 E2	1206	1214
	Ven	12060 E2	11281 E2	2412	2820	8212 E2	8363 E2	4106	3801
	Ply	9721 E2	7626 E2	972	1089	8800 E2	1327 E2	1760	1474

Table 1-2-b. Trade of Tropical Timber by ITTO Consumers - Value (1000$ and $/m^3)

Country	Product	Imports Value 2007	Imports Value 2008	Imports Unit Value 2007	Imports Unit Value 2008	Exports Value 2007	Exports Value 2008	Exports Unit Value 2007	Exports Unit Value 2008
Belgium	Logs	22968 E1	26512 E1	640	701	14071 E1	19590 E1	654	667
	Sawn	258289 E1	218543 E1	992	1037	173867 E1	138744 E1	1121	1170
	Ven	16035 E2	14708 E2	1336	1337	23710 E2	17208 E2	1031	956
	Ply	85382 E2	101191 E2	632	649	57150 E2	64862 E2	577	618
Denmark	Logs	7230 E1	3477 E1	339	682	6922 E1	1950 C	429	578
	Sawn	58922 C	46612 C	1012	957	14725 C	19192 C	1450	766
	Ven	26456 C	23220 C	2494	2868	7654 CB	5211 CB	2418	2749
	Ply	16922 C	17312 C	679	648	10135 E1	2808 C	1499	762
Finland	Logs	0 E2	63 E2	--	899	0 I	0 E2	--	344
	Sawn	10593 E2	10481 E2	1622	1832	1875 E2	1644 E2	721	861
	Ven	3221 E2	6898 E2	2191	4393	162 E2	249 E2	2705	4977
	Ply	2015 E2	2771 E2	1471	1189	173 E2	148 E2	1570	1846
France	Logs	179833 E2	169241 E2	406	457	10926 E2	7475 E2	824	930
	Sawn	334354 E2	266131 E2	785	881	30121 E2	24865 E2	897	1033
	Ven	117967 E2	99135 E2	1180	1278	7371 E2	5392 E2	2311	2106
	Ply	109851 E2	108139 E2	837	559	178933 E2	167816 E2	1560	1641
Germany	Logs	68147 E2	48148 E2	649	730	18211 E2	8819 E2	700	980
	Sawn	156693 E2	149141 E2	916	981	111394 E2	91060 E2	1071	1214
	Ven	38228 E1	36044 E1	1133	985	62748 E1	62128 E1	3268	4008
	Ply	142926 C	132010 C	956	652	59543 C	59054 C	1835	762
Greece	Logs	8070 E1	8070 E5	223	223	7 C	7 E5	1359	680
	Sawn	29246 E1	29246 E5	1543	1543	2208 E1	1088	1840	1649
	Ven	14961 E1	14961 E5	1468	1468	957 E1	957 E5	1877	1877
	Ply	5575 CB	13857 C	602	650	11818 CB	18936 C	1065	1644
Ireland	Logs	2553 E2	582 E2	1277	1421	0 E2	44 E2	--	2206
	Sawn	46847 E1	26836 E2	2547	1142	1545 E3	19 E2	1818	956
	Ven	1465 E2	516 E2	5633	1564	377 E3	0 E2	2094	--
	Ply	39334 C	40984 E2	567	486	247 C	0 E2	683	--
Italy	Logs	102563 C	73027 E2	402	802	1483 E2	3478 E2	1216	1526
	Sawn	251049 C	261018 C	693	777	36368 E2	33813 E2	1085	1413
	Ven	162633 C	162055 C	1617	1789	30460 C	35177 E2	4060	3944
	Ply	85403 E2	79720 E2	610	1077	62131 E2	68639 E2	933	1058
Luxembourg	Logs	873 E1	1367 E1	378	401	9 E2	11 E1	933	1058
	Sawn	3047 E1	2608 E1	715	855	261 E1	183 CB	5218	731
	Ven	70 E1	58 E1	6983	5771	0 E2	0 I	--	--
	Ply	5318 E1	7045 E1	781	839	268 CB	547 CB	253	564
Netherlands	Logs	8009 E2	3773 E2	1144	547	3022 E2	956 E2	944	299
	Sawn	443471 E2	451856 E2	967	1056	104982 E2	107998 E2	1181	1360
	Ven	24646 E2	20319 E2	1494	1441	1288 E2	1787 E2	4294	4468
	Ply	187105 E2	251697 E2	961	956	19504 E2	28685 E2	1049	1026
Poland	Logs	4691 E2	999 E2	792	961	0 E2	59 E2	--	975
	Sawn	35482 E2	38316 E2	978	994	5271 E2	6272 E2	1583	909
	Ven	8720 E2	3662 E2	4296	3487	690 E2	897 E2	3137	2562
	Ply	22463 E2	21643 E2	1550	1288	12711 E2	7407 E2	1129	1141
Portugal	Logs	51769 E2	44757 E2	411	348	1815 E2	1442 E2	605	1265
	Sawn	100216 E2	84282 E2	783	938	4476 CB	6213 E2	232	580
	Ven	13885 C	10743 E2	1365	1164	7551 E2	7555 E2	1079	819
	Ply	13112 C	8992 E2	627	858	2071 E2	1602 C	259	412
Spain	Logs	41837 E2	34261 E2	246	560	754 E2	933 E2	195	1481
	Sawn	263704 E2	194298 E2	603	699	32519 E2	19548 E2	929	1088
	Ven	65480 E2	55915 E2	1880	1395	33472 E2	36292 E2	3043	2541
	Ply	57976 E2	10178 E2	984	1590	53465 E2	53465 I	3145	3145
Sweden	Logs	6642 E2	2953 E2	1597	1172	889 E2	731 E2	1891	2925
	Sawn	14520 E2	769 E2	1613	140	3260 E2	4431 E2	1630	1679
	Ven	8445 E2	6465 E2	2815	2477	5295 E1	6249 E3	5295	6312
	Ply	8741 E2	874 E2	1249	80	5809 E1	3448 E3	1627	611

Table 1-2-b. Trade of Tropical Timber by ITTO Consumers - Value (1000$ and $/m^3)

Country	Product	Imports Value 2007	Imports Value 2008	Imports Unit Value 2007	Imports Unit Value 2008	Exports Value 2007	Exports Value 2008	Exports Unit Value 2007	Exports Unit Value 2008
U.K.	Logs	20978 E2	15313 E2	1241	1183	508 E2	962 E2	1588	1458
	Sawn	172983 E2	139817 E2	991	1047	11885 E2	7825 E2	1619	1260
	Ven	35086 E2	36972 E2	4005	3720	7119 E2	8269 E2	3236	4329
	Ply	174890 CB	133247 CB	476	530	15538 E2	12044 E2	481	459
▶Europe Non-EU	**Logs**	**7721**	**2137**	**92**	**304**	**283**	**132**	**68**	**76**
	Sawn	**23731**	**27258**	**1123**	**1316**	**1142**	**909**	**1068**	**1070**
	Ven	**2377**	**2091**	**3495**	**4545**	**834**	**278**	**7585**	**13898**
	Ply	**18185**	**25324**	**1253**	**2087**	**229**	**4274**	**2294**	**1510**
	Total	**52014**	**56809**	**--**	**--**	**2489**	**5593**	**--**	**--**
Norway	Logs	5969 E2	562 E2	74	119	240 E2	132 E2	60	76
	Sawn	2790 E2	3724 E2	1701	2216	141 E2	168 E2	1569	623
	Ven	708 E2	330 E2	2623	3001	0 I	0 I	--	--
	Ply	11011 E2	16953 E2	1141	2519	229 E2	382 E2	2294	3820
Switzerland	Logs	1752 E2	1575 E2	571	682	43 CB	0 CB	365	217
	Sawn	20941 E2	23534 E2	1074	1236	1001 E2	741 E2	1022	1278
	Ven	1669 E2	1760 E2	4070	5030	834 E2	278 E2	7585	13898
	Ply	7175 E2	8371 C	1476	1550	0 E2	3892 E2	--	1425
▶North America	**Logs**	**3251**	**2850**	**301**	**260**	**821**	**840**	**400**	**420**
	Sawn	**314414**	**315961**	**747**	**881**	**17473**	**9269**	**735**	**713**
	Ven	**54350**	**50544**	**1314**	**1692**	**22867**	**9187**	**1555**	**2068**
	Ply	**819859**	**544346**	**539**	**609**	**15999**	**17858**	**457**	**414**
	Total	**1191874**	**913702**	**--**	**--**	**57159**	**37153**	**--**	**--**
Canada	Logs	263 E1	88 E1	131	99	13 C	0 C	256	--
	Sawn	21606 E1	19244 E1	358	358	77 E1	0 E1	853	--
	Ven	6007 E1	2477 E8	978	979	1153 E1	882 E1	620	700
	Ply	32188 E1	21665 E1	379	230	762 E1	1402 E1	379	230
U.S.A.	Logs	2988 C	2762 C	339	275	808 E1	840 E1	404	420
	Sawn	292808 E1	296717 E1	811	973	17396 E1	9269 E1	734	713
	Ven	48344 E1	48067 E1	1373	1758	21714 E1	8305 CB	1690	2610
	Ply	787671 C	522681 C	549	653	15237 E1	16456 E1	462	445
North Africa	**Logs**	**112**	**264**	**159**	**245**	**0**	**78**	**--**	**321**
	Sawn	**3096**	**2305**	**561**	**596**	**4**	**82**	**198**	**1178**
	Ven	**10688**	**13670**	**904**	**1428**	**31**	**43**	**1014**	**815**
	Ply	**55687**	**66525**	**397**	**433**	**197**	**35**	**558**	**298**
	Total	**69583**	**82764**	**--**	**--**	**232**	**239**	**--**	**--**
Egypt	Logs	112 CB	264 C	159	245	0 C	78 C	--	321
	Sawn	3096 CB	2305 CB	561	596	4 CB	82 CB	198	1178
	Ven	10688 CB	13670 CB	904	1428	31 CB	43 CB	1014	815
	Ply	55687 CB	66525 CB	397	433	197 CB	35 C	558	298
Consumers Total	**Logs**	**2865970**	**2616713**	**256**	**283**	**76123**	**61949**	**687**	**788**
	Sawn	**3780743**	**3418310**	**610**	**660**	**633677**	**558761**	**1011**	**1115**
	Ven	**820162**	**777395**	**1001**	**1028**	**239396**	**221583**	**2222**	**2440**
	Ply	**4072358**	**3654447**	**540**	**575**	**703065**	**656288**	**764**	**884**
	Total	**11539233**	**10466865**	**--**	**--**	**1652259**	**1498581**	**--**	**--**
ITTO Total	**Logs**	**3974045**	**3884885**	**264**	**302**	**2811484**	**2831927**	**214**	**239**
	Sawn	**4292104**	**3960140**	**480**	**490**	**3873855**	**3418759**	**328**	**340**
	Ven	**883151**	**849785**	**1011**	**1025**	**956616**	**863437**	**857**	**1055**
	Ply	**4310892**	**3863122**	**538**	**575**	**4181313**	**3828138**	**430**	**476**
	Total	**13460193**	**12557931**	**--**	**--**	**11823267**	**10942260**	**--**	**--**

Table 1-2-c. Trade of All Timber by ITTO Producers - Value (1000 $ and $/m^3)

			Imports				Exports			
			Value		Unit Value		Value		Unit Value	
Country	Product	Species	2007	2008	2007	2008	2007	2008	2007	2008
	Logs	**All**	**177**	**2932**	**171**	**369**	**1232776**	**1209835**	**347**	**366**
		C	**26**	**78**	**99**	**81**	**0**	**0**	**--**	**--**
		NC	**151**	**2854**	**195**	**409**	**1232776**	**1209835**	**347**	**366**
	Sawn	**All**	**1792**	**3772**	**418**	**338**	**945436**	**844591**	**505**	**499**
		C	**408**	**1227**	**199**	**177**	**446**	**284**	**567**	**419**
		NC	**1384**	**2545**	**619**	**601**	**944990**	**844307**	**505**	**499**
	Ven	**All**	**648**	**761**	**1061**	**1146**	**408905**	**395495**	**1272**	**1304**
Africa		**C**	**31**	**375**	**1862**	**1191**	**2**	**0**	**1659**	**--**
		NC	**617**	**386**	**1038**	**1106**	**408902**	**395495**	**1272**	**1304**
	Ply	**All**	**9208**	**14224**	**494**	**552**	**132357**	**123598**	**504**	**577**
		C	**6591**	**12416**	**512**	**541**	**4**	**4**	**423**	**424**
		NC	**2617**	**1808**	**454**	**638**	**132353**	**123595**	**504**	**577**
	Total	**All**	**11825**	**21690**	**--**	**--**	**2719474**	**2573520**	**--**	**--**
		C	**7055**	**14096**	**--**	**--**	**453**	**287**	**--**	**--**
		NC	**4769**	**7594**	**--**	**--**	**2719021**	**2573232**	**--**	**--**
Cameroon	Logs	All	5 CB	600 I	130	1092	55860 I	118334 I	210	459
		C	4 CB	0 C	112	--	0 C	0 C	--	--
		NC	1 CB	600 CB	320	1092	55860 *	118334 CB	210	459
	Sawn	All	203 CB	94 CB	379	521	357379 I	280129 I	583	485
		C	1 CB	4 CB	250	308	0 C	0 C	--	--
		NC	202 CB	90 CB	380	538	357379 *	280129 CB	583	485
	Ven	All	51 I	5 CB	2149	1105	130774 I	127091 I	2043	2154
		C	0 C	1 CB	--	462	0 C	0 C	--	--
		NC	51 CB	4 CB	2149	2645	130774 CB	127091 CB	2043	2154
	Ply	All	127 CB	105 CB	458	507	12920 I	8592 I	538	477
		C	120 CB	101 CB	447	503	0 C	0 C	--	--
		NC	7 CB	4 CB	826	644	12920 CB	8592 CB	538	477
Central	Logs	All	0 C	0 C	--	--	44960 I	51382 I	574	631
African		C	0 C	0 C	--	--	0 C	0 C	--	--
Republic		NC	0 C	0 C	--	--	44960 CB	51382 CB	574	631
	Sawn	All	87 I	17 I	623	523	15915 I	13128 I	835	595
		C	0 C	0 C	--	--	0 C	0 C	--	--
		NC	87 CB	17 CB	623	523	15915 CB	13128 CB	835	595
	Ven	All	0 C	4 I	--	877	95 I	24 I	4087	7495
		C	0 C	4 CB	--	877	0 C	0 C	--	--
		NC	0 C	0 C	--	--	95 CB	24 CB	4087	7495
	Ply	All	29 I	26 I	608	589	0 I	0 I	--	--
		C	0 C	26 CB	--	589	0 I	0 I	--	--
		NC	29 CB	0 C	608	--	0 CB	0 CB	--	--
Congo, Dem. Rep.	Logs	All	4 CB	1345 CB	86	291	108994 I	101881 I	366	452
		C	3 CB	10 CB	71	74	0 I	0 I	--	--
		NC	1 CB	1336 CB	191	297	108994 CB	101881 CB	366	452
	Sawn	All	97 CB	508 CB	251	290	65926 I	69240 I	1057	1132
		C	52 CB	134 CB	259	279	0 I	0 I	--	--
		NC	45 CB	374 CB	242	294	65926 CB	69240 CB	1057	1132
	Ven	All	40 I	31 I	2928	1670	3144 I	1971 I	2098	1832
		C	0 C	0 C	--	--	0 I	0 I	--	--
		NC	40 CB	31 CB	2928	1670	3144 CB	1971 CB	2098	1832
	Ply	All	1127 I	1554 CB	322	641	159 I	288 I	1660	1171
		C	1127 CB	1507 CB	322	639	0 I	0 I	--	--
		NC	0 C	47 CB	--	729	159 CB	288 CB	1660	1171
Congo, Rep.	Logs	All	19 I	99 CB	258	113	212364 I	101830 I	327	166
		C	0	54 CB	--	75	0 I	0 I	--	--
		NC	19 CB	45 CB	258	284	212364 CB	101830 CB	327	166
	Sawn	All	68 CB	9 C	857	302	86796 I	81095 I	307	306
		C	44 CB	9 CB	872	302	0 I	0 I	--	--
		NC	24 CB	0 C	830	--	86796 I	81095 CBI	307	306
	Ven	All	69 CB	30 I	1958	1159	8089 I	16351 I	1922	1881
		C	27 CB	30 CB	2513	1159	0 I	0 I	--	--
		NC	42 CB	0 C	1717	--	8089 CB	16351 CB	1922	1881
	Ply	All	340 CB	658 CB	685	718	966 I	385 I	536	607
		C	309 CB	644 CB	744	731	0 I	0 I	--	--
		NC	31 CB	13 CB	384	392	966 CBI	385 CB	536	607

Table 1-2-c. Trade of All Timber by ITTO Producers - Value (1000 $ and $/m^3)

			Imports				Exports			
			Value		Unit Value		Value		Unit Value	
Country	Product	Species	2007	2008	2007	2008	2007	2008	2007	2008
Côte d'Ivoire	Logs	All	0 I	15 I	--	136	45096 I	56866 I	408	456
		C	0 C	14 C	--	125	0 I	0 I	--	--
		NC	0 CB	1 CB	--	738	45096 CBI	56866 CB	408	456
	Sawn	All	320 I	148 I	791	844	181482 I	193458 I	556	767
		C	27 CB	8 CB	709	304	0 I	0 I	--	--
		NC	293 C	140 C	799	938	181482 C	193458 C	556	767
	Ven	All	7 I	75 I	1007	537	71046 I	76211 I	694	741
		C	0 C	59 C	514	449	0 I	0 I	--	--
		NC	7 CB	16 CB	1053	1957	71046 C	76211 C	694	741
	Ply	All	345 C	154 C	693	961	18332 I	7022 I	366	651
		C	238 C	145 C	750	983	0 I	0 I	--	--
		NC	107 CB	9 C	593	700	18332 C	7022 C	366	651
Gabon	Logs	All	0	0	--	--	700304 I	702378 I	361	400
		C	0	0	--	--	0 I	0 I	--	--
		NC	0	0	--	--	700304 CB	702378 CBI	361	400
	Sawn	All	0	0	--	--	124000 I	104933 I	490	668
		C	0	0	--	--	0 I	0 I	--	--
		NC	0	0	--	--	124000 F	104933 CB	490	668
	Ven	All	23 I	35 I	3412	2513	140141 I	118826 I	1723	1917
		C	0	0	--	--	0 I	0 I	--	--
		NC	23 CB	35 CB	3412	2513	140141 CB	118826 CB	1723	1917
	Ply	All	171 CB	214 CB	336	447	52598 I	51850 I	907	1123
		C	85 CB	214 CB	333	447	0 I	0 I	--	--
		NC	86 CB	0 CB	340	--	52598 CB	51850 CB	907	1123
Ghana	Logs	All	0	0	--	--	20439 I	22334 I	271	256
		C	0	0	--	--	0 I	0 I	--	--
		NC	0	0	--	--	20439	22334	271	256
	Sawn	All	285 CB	918 CB	198	160	99768 I	90936 I	485	475
		C	181 CB	736 CB	145	136	0 I	0 I	--	--
		NC	104 CB	183 CB	531	565	99768	90936	485	475
	Ven	All	101 I	98 I	3263	483	55473 I	54946 I	817	789
		C	0	0	--	--	0 I	0 I	--	--
		NC	101 CB	98 C	3263	483	55473	54946	817	789
	Ply	All	437 CB	953 CB	555	476	47366 I	55390 I	368	400
		C	292 CB	746 CB	602	454	0 I	0 I	--	--
		NC	144 CB	207 CB	479	579	47366	55390	368	400
Liberia	Logs	All	0 C	0 C	--	--	0 I	253 I	--	194
		C	0 C	0 C	--	--	0 I	0 I	--	--
		NC	0 C	0 C	--	--	0 C	253 I	--	194
	Sawn	All	117 CB	209 CB	446	1010	11 I	42 I	202	212
		C	43 CB	82 CB	539	636	0 I	0 I	--	--
		NC	74 CB	127 CB	406	1628	11 CB	42 I	202	212
	Ven	All	17 I	0 C	2957	--	0 C	0 C	--	--
		C	0 C	0 C	--	--	0 C	0 C	--	--
		NC	17 CB	0 C	2957	--	0 C	0 C	--	--
	Ply	All	446 CB	0 C	1174	--	0 C	0 C	--	--
		C	334 CB	0 C	2153	--	0 C	0 C	--	--
		NC	111 CB	0 C	496	--	0 C	0 C	--	--
Nigeria	Logs	All	111 C	733 C	150	559	21072 CBI	17643 I	302	275
		C	18 C	0 C	103	--	0 CB	0 I	--	--
		NC	93 C	733 C	165	559	21072 CBI	17643 CB	302	275
	Sawn	All	148 I	1778 C	284	609	13442 CB	10410 CB	124	64
		C	51 F	254 C	128	308	446 CB	284 CB	567	419
		NC	97 C	1524 C	795	728	12996 CB	10127 CB	121	62
	Ven	All	304 I	482 C	2371	2069	69 CB	75 CB	1100	981
		C	4 CB	281 C	714	1865	2 CB	0 CB	1659	--
		NC	300 C	200 C	2443	2446	67 CB	75 CB	1086	981
	Ply	All	6017 I	8393 I	511	578	18 CB	71 CB	963	1245
		C	4024 C	6865 C	550	565	4 CB	4 CB	423	424
		NC	1993 CB	1528 CB	446	648	13 CB	67 CB	1665	1401

Table 1-2-c. Trade of All Timber by ITTO Producers - Value (1000 $ and $/m^3)

			Imports				Exports			
			Value		Unit Value		Value		Unit Value	
Country	Product	Species	2007	2008	2007	2008	2007	2008	2007	2008
Togo	Logs	All	40 C	139 I	266	299	23688 I	36933 I	360	389
		C	2 C	0 C	105	--	0 I	0 I	--	--
		NC	38 C	139 CB	285	299	23688 CB	36933 CB	360	389
	Sawn	All	468 I	91 I	901	767	717 I	1220 I	451	331
		C	9 C	0 C	280	--	0 I	0 I	--	--
		NC	458 CB	91 CB	943	767	717 CB	1220 CB	451	331
	Ven	All	36 C	2 I	100	106	74 I	0 I	2402	--
		C	0 C	0 C	--	--	0 I	0 I	--	--
		NC	36 C	2 CB	100	106	74 CB	0 CB	2402	--
	Ply	All	169 C	2167 I	468	431	0 I	0 I	--	--
		C	61 C	2167 CB	370	431	0 I	0 I	--	--
		NC	108 C	0 C	551	--	0 I	0 I	--	--
	Logs	**All**	**1306198**	**1492507**	**241**	**282**	**1464438**	**1540756**	**155**	**184**
		C	**73305**	**70076**	**86**	**86**	**25216**	**24554**	**92**	**169**
		NC	**1232893**	**1422431**	**270**	**317**	**1439223**	**1516202**	**157**	**184**
	Sawn	**All**	**781385**	**712913**	**225**	**211**	**1813688**	**1726197**	**232**	**243**
		C	**125036**	**127602**	**276**	**332**	**22540**	**50782**	**306**	**481**
		NC	**656349**	**585312**	**217**	**196**	**1791147**	**1675415**	**231**	**239**
	Ven	**All**	**119880**	**146420**	**1139**	**1223**	**251968**	**201317**	**463**	**517**
Asia-Pacific		**C**	**34815**	**39586**	**941**	**1122**	**27948**	**22287**	**1064**	**1403**
		NC	**85065**	**106833**	**1247**	**1264**	**224020**	**179030**	**433**	**480**
	Ply	**All**	**258439**	**259688**	**441**	**468**	**3670456**	**3459021**	**406**	**448**
		C	**156058**	**187931**	**427**	**469**	**569959**	**608791**	**524**	**593**
		NC	**102381**	**71757**	**464**	**463**	**3100498**	**2850230**	**389**	**426**
	Total	**All**	**2465902**	**2611527**	**--**	**--**	**7200550**	**6927290**	**--**	**--**
		C	**389214**	**425194**	**--**	**--**	**645663**	**706414**	**--**	**--**
		NC	**2076688**	**2186333**	**--**	**--**	**6554888**	**6220876**	**--**	**--**
Cambodia	Logs	All	0 C	0 C	--	--	20343 CB	5123 CB	1281	1482
		C	0 C	0 C	--	--	0 CB	0 CB	--	--
		NC	0 C	0 C	--	--	20343 CB	5123 CB	1281	1482
	Sawn	All	288 CB	148 CB	459	143	11059 CB	5773 CB	319	345
		C	18 CB	147 CB	168	142	211 CB	0 CB	424	--
		NC	270 CB	1 CB	517	722	10848 CB	5773 CB	317	345
	Ven	All	39 I	0 I	1227	--	864 CB	0 C	475	--
		C	0 C	0 C	--	--	0 C	0 C	--	--
		NC	39 CB	0 CB	1227	--	864 CB	0 C	475	--
	Ply	All	223 CB	803 CB	521	490	274 CB	123 CB	320	521
		C	215 CB	748 CB	503	479	166 CB	123 CB	344	521
		NC	8 CB	55 CB	8161	705	108 CB	0 CB	288	--
Fiji	Logs	All	43 I	49 X	426	1295	534 CB	152 I	1811	1030
		C	0 C	0 C	--	--	0 CB	0 C	--	--
		NC	43 CB	49 CB	426	1295	534 CB	152 CB	1811	1030
	Sawn	All	1202 C	1034 CB	360	172	10557 CB	13068 CB	819	1272
		C	755 C	911 CB	282	155	797 CB	941 CB	656	527
		NC	447 C	123 CB	681	941	9760 CB	12127 CB	837	1429
	Ven	All	423 C	41 CB	538	2081	373 CB	293 CB	2378	2716
		C	163 C	35 CB	460	2021	12 C	0 CB	1796	--
		NC	260 C	6 CB	603	2561	361 CB	293 CB	2404	2716
	Ply	All	575 I	1175 CB	568	498	1371 CB	1611 CB	692	746
		C	545 C	1159 CB	560	497	886 CB	1256 CB	772	906
		NC	30 CB	16 CB	744	588	485 CB	355 CB	582	458
India	Logs	All	1166670 I	1335155 I	251	279	2141 I	2977 C	228	271
		C	64584 CB	61830 CB	81	83	39 C	69 C	377	243
		NC	1102085 C	1273325 C	286	315	2102 CBI	2908 C	226	271
	Sawn	All	22713 C	32784 C	395	395	9960 I	28419 I	434	480
		C	3604 C	8645 C	288	326	1120 CB	8490 CB	219	389
		NC	19109 C	24139 C	425	427	8840 C	19929 C	495	533
	Ven	All	15696 C	22977 C	923	924	15418 I	18899 I	1227	1115
		C	6666 C	9263 C	1458	1424	1440 CB	930 CB	570	524
		NC	9030 C	13714 C	726	746	13978 C	17968 C	1392	1185
	Ply	All	30421 CB	38972 CB	612	588	28788 C	23783 I	244	552
		C	21992 CB	25902 CB	650	601	6760 C	6348 C	218	449
		NC	8429 CB	13070 CB	532	564	22028 C	17435 CB	252	603

Table 1-2-c. Trade of All Timber by ITTO Producers - Value (1000 $ and $/m^3)

			Imports				Exports			
			Value		Unit Value		Value		Unit Value	
Country	Product	Species	2007	2008	2007	2008	2007	2008	2007	2008
Indonesia	Logs	All	13384	16835 X	256	281	13349 I	9288 CB	163	129
		C	956	1311	130	179	16 C	396 CB	278	210
		NC	12428	15525	276	295	13334 CB	8892 CB	163	127
	Sawn	All	101079	127370	385	441	418381 I	331524 CB	431	397
		C	46233	61227	340	394	10654 CB	12436 CB	236	394
		NC	54845	66143	434	494	407727 CBI	319088 CB	441	397
	Ven	All	27761	31992	1028	1135	44157 I	36324 I	1432	2090
		C	8501	11008	758	843	21214	17113	2582	2861
		NC	19260	20984	1219	1387	22943 CB	19211 CB	1014	1686
	Ply	All	23973 I	21489 I	327	360	1745179 I	1772370 I	500	605
		C	12989	12391	285	319	447695	492337	559	628
		NC	10984 CB	9098 CB	397	437	1297484 C	1280033 C	483	597
Malaysia	Logs	All	15347 CB	14355 CB	189	216	614379	616516	132	141
		C	4014 CB	3806 CB	113	88	14712	15344	136	143
		NC	11333 CB	10549 CB	248	452	599667	601173	132	141
	Sawn	All	208243 I	175961 I	226	324	920496 C	922414 C	276	223
		C	17701 CB	12794 CB	214	224	6266 C	21224 C	444	547
		NC	190542 C	163168 C	227	336	914231 C	901190 C	275	220
	Ven	All	52390 C	66804 C	2181	2390	159565 CB	119821 CB	362	387
		C	13240 C	13738 C	1659	1865	4105 CB	2242 CB	296	393
		NC	39149 C	53066 C	2440	2578	155460 CB	117578 CB	364	387
	Ply	All	56360 CB	59625 CB	497	457	1827186 C	1600611 X	346	346
		C	34428 CB	36370 CB	457	434	66533 C	61542 X	443	443
		NC	21932 CB	23255 CB	577	499	1760653 C	1539070 X	343	343
Myanmar	Logs	All	0 C	0 C	--	--	608859 I	716377 CB	334	508
		C	0 C	0 C	--	--	10248 CB	8294 CB	62	259
		NC	0 C	0 C	--	--	598610 CBI	708083 CB	361	514
	Sawn	All	26 I	210 I	626	772	129565 I	122355 CB	226	687
		C	0 C	0 C	--	--	1483 CB	4979 CB	548	855
		NC	26 CB	210 CB	626	772	128082 CBI	117376 CB	225	682
	Ven	All	11 CB	0 I	1947	2026	8983 CB	12495 CB	319	424
		C	8 CB	0 CB	1611	2026	254 CB	1128 CB	324	578
		NC	2 CB	0 C	10263	--	8729 CB	11367 CB	319	413
	Ply	All	461 CB	599 CB	126	331	18585 I	8708 CB	281	491
		C	430 CB	599 CB	134	331	5285 CB	4553 CB	180	569
		NC	30 CB	0 CB	66	--	13300 CBI	4156 CB	360	428
Papua New Guinea	Logs	All	0 C	0 C	--	--	203936 I	184192 I	72	73
		C	0 C	0 C	--	--	35 CB	0 CB	569	--
		NC	0 C	0 C	--	--	203901	184192	72	73
	Sawn	All	48 I	127 I	739	497	23978 CB	22441 CB	452	555
		C	48 CB	127 CB	739	497	671 CB	721 CB	263	509
		NC	0 C	0 C	--	--	23308 CB	21720 CB	462	556
	Ven	All	23 I	38 I	841	2513	9737 CB	5062 CB	484	467
		C	0 C	0 C	--	--	14 CB	0 CB	257	--
		NC	23 CB	38 CB	841	2513	9723 CB	5062 CB	485	467
	Ply	All	754 CB	937 CB	446	457	4471 CB	2962 CB	752	752
		C	717 CB	899 CB	470	457	2006 CB	997 CB	2108	868
		NC	38 CB	38 CB	225	450	2465 CB	1965 CB	494	704
Philippines	Logs	All	23941	18527	236	239	12	796 I	152	226
		C	1896	734	284	231	12	39	152	61
		NC	22045	17794	233	240	0	757 CB	--	262
	Sawn	All	90703	52019	520	386	15810 I	13488 I	74	62
		C	20250	5452	504	377	1242 CB	1886 CB	612	477
		NC	70453	46567	525	387	14568 C	11602	69	54
	Ven	All	9486	9265	381	340	3833	2003 I	571	532
		C	2634	1851	303	574	13	0 CB	493	420
		NC	6852	7414	423	308	3820	2003	571	532
	Ply	All	69610 I	45306 I	583	621	14810	19869 I	403	461
		C	36547 C	38492	669	677	11350	18570	413	495
		NC	33063 CB	6814 CB	510	422	3460	1299 C	372	233

Table 1-2-c. Trade of All Timber by ITTO Producers - Value (1000 $ and $/m^3)

			Imports				Exports			
			Value		Unit Value		Value		Unit Value	
Country	Product	Species	2007	2008	2007	2008	2007	2008	2007	2008
Thailand	Logs	All	86779 I	107585 I	163	354	807 I	5296 CB	120	481
		C	1841 C	2396 C	141	162	155 CB	412 CB	116	133
		NC	84938 CBI	105190 CBI	164	364	652 C	4883 CB	121	618
	Sawn	All	356138 I	322166 I	174	139	273326 C	266345 C	105	164
		C	35513 CB	37206 C	201	308	64 C	102 C	284	239
		NC	320625 CI	284960 CI	171	130	273262 C	266243 C	105	164
	Ven	All	13929 CB	15128 CB	1226	1351	9009 I	6420 I	3877	4397
		C	3543 CB	3515 CB	854	727	897 CB	873 CB	1137	1877
		NC	10386 CB	11613 CB	1440	1825	8113 C	5547 C	5285	5575
	Ply	All	75628 CB	90451 I	340	416	29793 I	28982 I	599	491
		C	47812 CB	71059 C	321	420	29279 CBI	23065 C	619	551
		NC	27816 CB	19392 CB	379	404	514 C	5917 CB	214	344
Vanuatu	Logs	All	34 I	0 C	204	--	80 I	38 I	215	433
		C	13 C	0 C	245	--	0 C	0 C	--	--
		NC	21 F	0 C	184	--	80 CB	38 CB	215	433
	Sawn	All	946 CB	1094 I	343	327	556 CB	371 CB	532	146
		C	915 CB	1094 CB	341	327	34 CB	4 CB	281	305
		NC	31 CB	0 C	432	--	522 CB	368 CB	565	145
	Ven	All	122 I	175 I	1420	640	28 I	0 C	2447	--
		C	58 CB	175 CB	977	640	0 C	0 C	--	--
		NC	64 C	0 C	2398	--	28 CB	0 C	2447	--
	Ply	All	433 CB	331 CB	364	353	0 C	0 C	--	--
		C	383 CB	312 CB	361	343	0 C	0 C	--	--
		NC	50 CB	20 CB	392	697	0 C	0 C	--	--
Latin America/ Caribbean	**Logs**	**All**	**12748**	**13651**	**113**	**122**	**44815**	**31750**	**123**	**105**
		C	**7870**	**9437**	**96**	**102**	**6488**	**4991**	**966**	**1191**
		NC	**4879**	**4214**	**162**	**222**	**38327**	**26758**	**107**	**90**
	Sawn	**All**	**564691**	**359463**	**251**	**299**	**890136**	**1101301**	**218**	**371**
		C	**357678**	**192779**	**245**	**280**	**327865**	**365376**	**197**	**292**
		NC	**207012**	**166684**	**263**	**326**	**562271**	**735925**	**233**	**427**
	Ven	**All**	**90365**	**88672**	**1770**	**1905**	**54581**	**72470**	**222**	**552**
		C	**18759**	**13072**	**1419**	**1433**	**8909**	**6460**	**117**	**82**
		NC	**71606**	**75599**	**1892**	**2020**	**45672**	**66010**	**270**	**1266**
	Ply	**All**	**344450**	**424496**	**488**	**562**	**658700**	**976542**	**245**	**436**
		C	**165458**	**236613**	**431**	**507**	**385859**	**581322**	**184**	**316**
		NC	**178991**	**187884**	**555**	**650**	**272841**	**395220**	**458**	**999**
	Total	**All**	**1012254**	**886282**	**--**	**--**	**1648232**	**2182063**	**--**	**--**
		C	**549765**	**451902**	**--**	**--**	**729120**	**958150**	**--**	**--**
		NC	**462489**	**434380**	**--**	**--**	**919112**	**1223913**	**--**	**--**
Bolivia	Logs	All	390 C	526 C	54	299	3203 CB	1060 I	346	262
		C	0 C	0 C	--	--	41 CB	68 CB	248	1130
		NC	390 C	526 C	54	299	3162 CB	992 C	347	249
	Sawn	All	818 C	124 CB	402	221	53646 CB	42782 I	354	653
		C	79 C	54 CB	175	190	686 CB	262 CB	578	463
		NC	739 C	70 CB	467	254	52960 CB	42520 C	353	654
	Ven	All	57 CB	135 CB	971	1015	6505 I	9440 C	2777	3211
		C	30 CB	24 CB	1174	1234	58 CB	0 C	1721	--
		NC	27 CB	111 CB	816	977	6447 C	9440 C	2792	3211
	Ply	All	23 CB	88 I	418	448	4393 CB	1306 I	550	711
		C	23 CB	84 C	418	446	664 CB	889 CB	493	756
		NC	0 CB	4 CB	--	510	3729 CB	417 C	562	632
Brazil	Logs	All	514	572	64	82	3870	5570	209	253
		C	0	0	--	--	7	0	53	--
		NC	514	572	64	82	3863	5570	210	253
	Sawn	All	13925	17670	96	172	922500	675059	291	321
		C	4589	2533	114	158	254888	199815	174	186
		NC	9336	15137	89	174	667612	475244	393	462
	Ven	All	8512	11148	694	914	88232 I	55886	371	466
		C	1097	628	684	526	21289 C	13623	281	172
		NC	7415	10520	695	956	66944	42263	413	1031
	Ply	All	3192 I	3006	420	721	677460	616845	269	296
		C	3101	2876	421	719	504427	489038	243	271
		NC	92 CB	130	382	765	173033	127807	389	455

Table 1-2-c. Trade of All Timber by ITTO Producers - Value (1000 $ and $/m^3)

			Imports				Exports			
			Value		Unit Value		Value		Unit Value	
Country	Product	Species	2007	2008	2007	2008	2007	2008	2007	2008
Colombia	Logs	All	43	614 I	350	310	3080 I	4450 I	173	196
		C	0	10	--	310	32	10	797	309
		NC	43	604 CB	350	310	3048 C	4441 C	172	196
	Sawn	All	1555 C	991 I	290	388	4192 I	5827 I	507	555
		C	1354 C	682 CB	282	319	367	74	503	536
		NC	202 C	310 C	357	740	3825 C	5753 C	507	555
	Ven	All	6654 C	7494 C	1936	2685	42	73	1434	1393
		C	2821 C	2340 C	1634	2098	1	4	1372	1279
		NC	3833 C	5154 C	2241	3075	41	69	1436	1401
	Ply	All	8172 C	7610 CB	544	482	4879 I	3443 I	630	809
		C	5465 C	5194 CB	519	452	472	334	849	1934
		NC	2706 C	2417 CB	602	562	4407 C	3109 C	613	762
Ecuador	Logs	All	0 C	181 CB	--	260	15089 I	10430 I	208	141
		C	0 C	12 CB	--	75	164	148 CB	442	90
		NC	0 C	168 CB	--	315	14925 CB	10282 C	207	142
	Sawn	All	6 C	133 C	352	344	62560 I	45300 I	1487	824
		C	4 C	112 C	277	307	623 CB	1314 CB	213	259
		NC	2 C	21 C	676	946	61936 C	43987 C	1582	882
	Ven	All	1221 C	1330 C	2787	2535	5709 I	8557 C	3077	2939
		C	214 C	144 C	2344	2115	0 C	0 C	--	1089
		NC	1007 C	1186 C	2903	2597	5709 CB	8557 C	3077	2939
	Ply	All	297 C	375 C	475	509	39033 I	42624 I	489	636
		C	195 C	346 C	450	499	3182 C	7494 C	392	497
		NC	101 CB	29 C	534	680	35851 CB	35130 CB	500	677
Guatemala	Logs	All	550 CB	607 I	487	316	1077 CB	856 CB	501	461
		C	7 CB	1 C	127	119	8 CB	0 CB	235	--
		NC	544 CB	606 CB	505	317	1069 CB	856 CB	505	461
	Sawn	All	14225 C	14260 C	323	362	20438 C	19490 C	400	450
		C	11202 C	10705 C	282	308	7358 C	8395 C	252	303
		NC	3022 C	3555 C	692	782	13080 C	11096 C	596	708
	Ven	All	720 C	789 C	1073	1132	320 CB	188 CB	1345	1053
		C	238 C	229 C	470	463	0 CB	0 CB	--	2155
		NC	482 C	560 C	2937	2776	320 CB	188 CB	1345	1053
	Ply	All	2196 C	3013 C	422	458	1783 I	1002 I	327	829
		C	1895 C	2522 C	423	432	824 C	960 C	760	838
		NC	301 C	491 C	413	664	959 CB	42 CB	219	659
Guyana	Logs	All	6 CB	0 C	506	--	23747	18080	139	176
		C	6 CB	0 C	506	--	0	0	--	--
		NC	0 CB	0 C	800	--	23747	18080	139	176
	Sawn	All	24 I	24 C	429	366	21862	26013	497	542
		C	7 C	18 C	285	306	0	0	--	--
		NC	17 CB	6 C	533	954	21862	26013	497	542
	Ven	All	55 CB	53 CB	1899	2135	0	0	--	--
		C	28 CB	45 CB	1611	2021	0	0	--	--
		NC	27 CB	8 CB	2337	3173	0	0	--	--
	Ply	All	198 I	271 I	298	464	8877	6582	370	411
		C	198 CB	131 CB	298	349	0	0	--	--
		NC	0 C	139 C	909	672	8877	6582	370	411
Honduras	Logs	All	675 I	1312	416	328	0	0	--	--
		C	450	937	409	312	0	0	--	--
		NC	224 CB	375	428	375	0	0	--	--
	Sawn	All	6593	13181	283	278	41614 I	32280	294	257
		C	5063	12764	274	275	35493	28847	271	239
		NC	1530	417	319	410	6121 C	3433	596	764
	Ven	All	425 I	74	1710	1239	0	0 I	--	--
		C	352 CB	33	2369	2942	0	0 C	--	--
		NC	73	42	731	855	0	0	--	--
	Ply	All	1535	1657	452	419	1866 C	1890 I	424	541
		C	1043	1631	435	418	1866 C	1890	424	541
		NC	492	26	492	466	0	0 C	--	--

Table 1-2-c. Trade of All Timber by ITTO Producers - Value (1000 $ and $/m^3)

			Imports				Exports			
			Value		Unit Value		Value		Unit Value	
Country	Product	Species	2007	2008	2007	2008	2007	2008	2007	2008
Mexico	Logs	All	7223	8228	99	96	3322 CB	3600 CB	277	655
		C	4623	7145	75	87	1094 CB	92 CB	184	159
		NC	2601	1083	234	249	2228 CB	3508 CB	368	714
	Sawn	All	486755 I	262799 I	259	302	16260 CB	12875 CB	436	520
		C	302771 CB	131337 CB	246	277	12348 CB	8252 CB	396	445
		NC	183985	131462	283	331	3912 CB	4623 CB	638	745
	Ven	All	67868 C	60256 C	2262	2439	5253 I	4478 I	2220	2446
		C	11130 C	6590 C	1659	1865	478	114	2330	1007
		NC	56738 C	53666 C	2435	2535	4775 C	4365 C	2210	2541
	Ply	All	281903 C	330366 C	496	562	799 I	2062 I	505	1113
		C	136615 C	191616 C	439	507	448	1893	582	1180
		NC	145288 C	138749 C	564	661	352 C	170 C	433	681
Panama	Logs	All	103	219	473	972	14549 I	12647 CB	297	343
		C	58	11	429	548	3	0	91	--
		NC	45	209	545	1011	14546 CB	12647 CB	297	343
	Sawn	All	2523	4158	347	331	1426	1856 I	88	548
		C	2129	3881	339	325	47	595	372	357
		NC	393	277	402	439	1379	1260 C	85	735
	Ven	All	169	625	554	750	0	0 I	--	--
		C	0	1	1838	860	0	0 CB	--	--
		NC	169	624	554	750	0	0	--	--
	Ply	All	3304	12443	644	640	18	63	2299	547
		C	170	2534	548	591	18	0	2299	--
		NC	3133	9909	650	653	0	63	--	547
Peru	Logs	All	2004 I	478 CB	146	78	134 CB	1170 CB	318	377
		C	1813 CB	460 CB	135	75	0 CB	346 CB	--	185
		NC	191 C	18 CB	650	311	134 CB	823 CB	318	672
	Sawn	All	11533	13840	290	290	150490 CB	97365 I	369	200
		C	11032	13238	283	283	2285 CB	565 CB	895	573
		NC	502	602	614	614	148204 CB	96800 C	366	199
	Ven	All	1028 C	1305 CB	1861	1721	355	2478 C	429	737
		C	703 C	1 CB	1889	949	0	0 C	--	--
		NC	326 C	1304 CB	1803	1722	355	2478 C	429	737
	Ply	All	2671 C	2474 CB	380	495	25402 I	35303 I	577	652
		C	2457 C	1520 CB	376	413	4938	7559 C	633	595
		NC	214 C	954 CB	427	720	20465 CB	27744 CB	565	669
Suriname	Logs	All	7 I	0	288	--	1789	3635	142	126
		C	0	0	--	--	0	0	--	--
		NC	7 CB	0	288	--	1789	3635	142	126
	Sawn	All	199 CB	204 CB	571	660	2086	1908	247	276
		C	49 CB	17 CB	320	305	0	0	--	--
		NC	150 CB	187 CB	767	740	2086	1908	247	276
	Ven	All	23 I	37 I	3291	2047	0	0	--	--
		C	10	1	5786	140	0	0	--	--
		NC	13 CB	36 CB	2481	4391	0	0	--	--
	Ply	All	2328	2587	475	528	0	0	--	--
		C	119	99	619	600	0	0	--	--
		NC	2209	2488	469	525	0	0	--	--
Trinidad and Tobago	Logs	All	1211 I	846	170	609	46 I	19 I	1170	962
		C	904 CB	846	161	609	0 CB	0 CB	--	--
		NC	307 C	0	203	--	46 CB	19	1170	962
	Sawn	All	14408 I	16957 I	231	317	175 I	128 I	334	820
		C	13367 CB	15860 C	221	308	80 C	5 CB	251	309
		NC	1041 F	1097	521	593	95 CB	123	464	878
	Ven	All	118 C	132	967	1203	30 C	0	1082	--
		C	11 C	30	455	1008	23 C	0	1042	--
		NC	107 C	102	1098	1277	7 C	0	1239	--
	Ply	All	12380 CB	21639 I	309	477	83 CB	125 I	775	637
		C	7272 CB	17047 C	282	488	81 CB	59 C	774	432
		NC	5109 CB	4592 CB	357	439	2 CB	66	832	1104

Table 1-2-c. Trade of All Timber by ITTO Producers - Value (1000 $ and $/m^3)

			Imports				Exports			
			Value		Unit Value		Value		Unit Value	
Country	Product	Species	2007	2008	2007	2008	2007	2008	2007	2008
Venezuela	Logs	All	21 I	69 CB	284	181	0 I	0 C	--	1951
		C	9 CB	16 CB	147	75	0	0 C	--	1951
		NC	13 C	53 CB	821	310	0 C	0 C	--	--
	Sawn	All	12127 I	15122 C	337	672	16	16	127	127
		C	6034 C	1580 C	282	308	8	8	115	115
		NC	6093 F	13543 C	417	780	8	8	143	143
	Ven	All	3514 C	5294 C	1205	1429	1	1 R	1216	584
		C	2124 C	3007 C	1065	1146	1	0 CB	1190	--
		NC	1389 C	2287 C	1509	2117	0	1 C	2500	584
	Ply	All	26250 C	38968 C	548	638	1	143 X	206	630
		C	6904 C	11013 C	493	570	1	5 C	206	554
		NC	19345 C	27955 C	571	670	0	139 C	--	633
Producers Total	**Logs**	**All**	**1319124**	**1509090**	**238**	**279**	**2742029**	**2782340**	**206**	**232**
		C	**81201**	**79591**	**87**	**88**	**31704**	**29545**	**113**	**198**
		NC	**1237923**	**1429499**	**269**	**317**	**2710326**	**2752795**	**208**	**232**
	Sawn	**All**	**1347867**	**1076148**	**235**	**235**	**3649260**	**3672090**	**265**	**312**
		C	**483122**	**321608**	**252**	**298**	**350851**	**416442**	**201**	**307**
		NC	**864745**	**754541**	**227**	**215**	**3298409**	**3255647**	**274**	**312**
	Ven	**All**	**210893**	**235853**	**1344**	**1412**	**715454**	**669282**	**644**	**812**
		C	**53604**	**53034**	**1067**	**1186**	**36859**	**28747**	**360**	**303**
		NC	**157288**	**182819**	**1474**	**1495**	**678595**	**640536**	**673**	**879**
	Ply	**All**	**612097**	**698408**	**467**	**522**	**4461514**	**4559161**	**372**	**448**
		C	**328107**	**436960**	**431**	**491**	**955822**	**1190117**	**300**	**415**
		NC	**283990**	**261449**	**518**	**585**	**3505692**	**3369044**	**398**	**461**
	Total	**All**	**3489980**	**3519499**	**--**	**--**	**11568257**	**11682873**	**--**	**--**
		C	**946034**	**891192**	**--**	**--**	**1375236**	**1664851**	**--**	**--**
		NC	**2543946**	**2628307**	**--**	**--**	**10193021**	**10018022**	**--**	**--**
ITTO Total	**Logs**	**All**	**15756882**	**14805036**	**127**	**143**	**7840966**	**7678545**	**132**	**141**
		C	**8186812**	**7421719**	**104**	**117**	**3421891**	**3253540**	**91**	**96**
		NC	**7570070**	**7383317**	**168**	**185**	**4419076**	**4425005**	**201**	**214**
	Sawn	**All**	**31234202**	**25322101**	**288**	**288**	**27753057**	**23518823**	**282**	**283**
		C	**22006158**	**17440911**	**248**	**246**	**20483967**	**16752206**	**260**	**253**
		NC	**9228044**	**7881190**	**469**	**470**	**7269090**	**6766616**	**373**	**405**
	Ven	**All**	**3400055**	**2992816**	**1298**	**1348**	**3057720**	**2792664**	**1016**	**1146**
		C	**440195**	**368722**	**780**	**899**	**429516**	**363346**	**506**	**519**
		NC	**2959860**	**2624094**	**1441**	**1450**	**2628205**	**2429318**	**1216**	**1398**
	Ply	**All**	**10816218**	**10249673**	**510**	**556**	**11579751**	**11374732**	**453**	**519**
		C	**2851609**	**2773883**	**450**	**450**	**4688190**	**4659399**	**384**	**435**
		NC	**7964610**	**7475790**	**535**	**609**	**6891561**	**6715332**	**517**	**599**
	Total	**All**	**61207356**	**53369625**	**--**	**--**	**50231495**	**45364764**	**--**	**--**
		C	**33484773**	**28005235**	**--**	**--**	**29023563**	**25028492**	**--**	**--**
		NC	**27722583**	**25364390**	**--**	**--**	**21207931**	**20336272**	**--**	**--**

Table 1-2-d. Trade of Tropical Timber by ITTO Producers - Value (1000 $ and $/m^3)

		Imports				Exports			
		Value		Unit Value		Value		Unit Value	
Country	Product	2007	2008	2007	2008	2007	2008	2007	2008
	Logs	**39**	**2035**	**281**	**372**	**1231489**	**1205356**	**348**	**366**
	Sawn	**616**	**1825**	**693**	**664**	**943115**	**839508**	**505**	**497**
Africa	**Ven**	**176**	**240**	**447**	**1026**	**408902**	**395495**	**1272**	**1304**
	Ply	**2196**	**951**	**417**	**659**	**132353**	**123595**	**504**	**577**
	Total	**3027**	**5051**	**--**	**--**	**2715859**	**2563954**	**--**	**--**
Cameroon	Logs	0 C	0 C	--	--	55860 *	118334 CB	210	459
	Sawn	0 CB	0 CB	--	--	357379 *	278547 CB	583	482
	Ven	0 CB	0 CB	--	--	130774 CB	127091 CB	2043	2154
	Ply	0 CB	0 CB	--	--	12920 CB	8592 CB	538	477
Central	Logs	0 C	0 C	--	--	44960 CB	51382 CB	574	631
African	Sawn	87 CB	0 CB	623	--	15725 CB	13070 CB	840	626
Republic	Ven	0 C	0 C	--	--	95 CB	24 CB	4087	7495
	Ply	29 CB	0 C	608	--	0 CB	0 CB	--	--
Congo, Dem. Rep.	Logs	1 CB	1335 CB	191	313	108882 CB	101680 CB	366	451
	Sawn	41 CB	121 CB	448	212	65405 CB	68594 CB	1056	1134
	Ven	0 CB	5 CB	--	3573	3144 CB	1971 CB	2098	1832
	Ply	0 C	47 CB	--	763	159 CB	288 CB	1660	1171
Congo, Rep.	Logs	0 C	0 C	--	--	211289 CB	101830 CB	330	166
	Sawn	7 CB	0 C	1224	--	86796 CB	80923 CBI	307	305
	Ven	2 CB	0 C	1504	--	8089 CB	16351 CB	1922	1881
	Ply	31 CB	0 C	384	--	966 CBI	385 CB	536	607
Côte d'Ivoire	Logs	0 CB	0 C	--	--	44953 CBI	52725 CB	408	455
	Sawn	293 C	140 C	799	938	181482 C	193458 C	556	767
	Ven	1 CB	9 CB	752	2295	71046 C	76211 C	694	741
	Ply	47 CB	0 CB	395	--	18332 C	7022 C	366	651
Gabon	Logs	0	0	--	--	700346 CB	702378 CBI	361	400
	Sawn	0	0	--	--	124000 I	103725 CB	490	667
	Ven	0 CB	0 CB	--	--	140141 CB	118826 CB	1723	1917
	Ply	86 CB	0 CB	340	--	52598 CB	51850 CB	907	1123
Ghana	Logs	0	0	--	--	20439	22334	271	256
	Sawn	100 CB	8 CB	559	659	99768	90936	485	475
	Ven	101 CB	83 C	3263	564	55473	54946	817	789
	Ply	132 CB	204 CB	461	577	47366	55390	368	400
Liberia	Logs	0 C	0 C	--	--	0 C	253	--	194
	Sawn	4 CB	126 CB	2797	1965	11 CB	42	202	212
	Ven	16 CB	0 C	3008	--	0 C	0 C	--	--
	Ply	92 CB	0 C	448	--	0 C	0 C	--	--
Nigeria	Logs	0 C	701 C	--	579	21072 CBI	17506 CB	302	275
	Sawn	66 C	1388 C	896	729	11873 CB	9013 CB	112	56
	Ven	24 C	141 C	2393	2393	67 CB	75 CB	1086	981
	Ply	1671 CB	700 CB	410	681	13 CB	67 CB	1665	1401
Togo	Logs	38 C	0 C	285	--	23688 CB	36933 CB	360	389
	Sawn	17 CB	42 CB	560	915	676 CB	1202 CB	442	331
	Ven	33 C	2 CB	94	106	74 CB	0 CB	2402	--
	Ply	108 C	0 C	551	--	0 I	0 I	--	--
	Logs	**1106929**	**1264702**	**289**	**348**	**1438091**	**1506669**	**158**	**184**
	Sawn	**456114**	**474375**	**183**	**173**	**1431528**	**1364629**	**200**	**210**
Asia-Pacific	**Ven**	**36151**	**43518**	**1054**	**811**	**223758**	**179030**	**433**	**481**
	Ply	**94005**	**63340**	**463**	**457**	**3098260**	**2850230**	**390**	**426**
	Total	**1693199**	**1845936**	**--**	**--**	**6191637**	**5900557**	**--**	**--**
Cambodia	Logs	0 C	0 C	--	--	20343 CB	5123 CB	1281	1482
	Sawn	221 CB	0 CB	547	--	10803 CB	5773 CB	317	345
	Ven	39 CB	0 CB	1227	--	864 CB	0 C	475	--
	Ply	0 C	55 CB	--	705	108 CB	0 CB	288	--

Table 1-2-d. Trade of Tropical Timber by ITTO Producers - Value (1000 $ and $/m^3)

		Imports				Exports			
		Value		Unit Value		Value		Unit Value	
Country	Product	2007	2008	2007	2008	2007	2008	2007	2008
Fiji	Logs	0 C	49 CB	--	1295	534 CB	152 CB	1811	1030
	Sawn	72 C	67 CB	890	1174	1738 CB	1512 CB	727	804
	Ven	95 C	2 CB	518	2629	361 CB	293 CB	2404	2716
	Ply	23 CB	16 CB	686	588	485 CB	355 CB	582	458
India	Logs	997232 C	1146526 C	311	347	2102 CBI	2855 C	226	270
	Sawn	8964 C	12791 C	374	432	8665 C	18815 C	497	536
	Ven	5608 C	9496 C	559	629	13978 C	17968 C	1392	1185
	Ply	7902 CB	11929 CB	556	545	22028 C	17435 CB	252	603
Indonesia	Logs	2216	3027	312	234	12883 CB	8635 CB	163	128
	Sawn	33732	38491	469	534	340872 CBI	268122 CB	408	384
	Ven	19260	20984	1219	1387	22943 CB	19211 CB	1014	1686
	Ply	8376 CB	7941 CB	379	426	1297484 C	1280033 C	483	597
Malaysia	Logs	475 CB	305 CB	156	1101	599503 C	593007 C	132	142
	Sawn	126403 C	121649 C	204	326	633059 C	656612 C	223	177
	Ven	5043 C	4779 C	2394	2547	155460 CB	117578 CB	364	387
	Ply	19289 CB	18843 CB	631	522	1760653 C	1539070 X	343	343
Myanmar	Logs	0 C	0 C	--	--	598094 CBI	707141 CB	362	513
	Sawn	0 CB	35 CB	--	590	127805 CBI	116798 CB	225	681
	Ven	0 C	0 C	--	--	8729 CB	11367 CB	319	413
	Ply	30 CB	0 CB	66	--	13300 CBI	4156 CB	360	428
Papua New Guinea	Logs	0 C	0 C	--	--	203901	184192	72	73
	Sawn	0 C	0 C	--	--	20673 CB	19047 CB	450	547
	Ven	5 CB	0 C	372	--	9723 CB	5062 CB	485	467
	Ply	38 CB	14 CB	225	347	2465 CB	1965 CB	494	704
Philippines	Logs	22045	9721 C	233	301	0	757 CB	--	262
	Sawn	9792 CB	16381 CB	163	221	14551 C	11558	69	54
	Ven	2512	5063	622	256	3558	2003 C	566	797
	Ply	32679 CB	6345 CB	505	412	1223	1299 C	395	233
Thailand	Logs	84938 CBI	105074 CBI	164	364	652 C	4771 CB	121	639
	Sawn	276920 CI	284960 CI	161	130	272958 C	266024 C	105	164
	Ven	3530 CB	3193 CB	1713	1833	8113 C	5547 C	5285	5575
	Ply	25617 CB	18180 CB	363	392	514 C	5917 CB	214	344
Vanuatu	Logs	23 C	0 C	444	--	80 CB	38 CB	215	433
	Sawn	10 CB	0 C	546	--	405 CB	368 CB	711	145
	Ven	60 C	0 C	2394	--	28 CB	0 C	2447	--
	Ply	50 CB	17 CB	392	709	0 C	0 C	--	--
Latin America\ Caribbean	**Logs**	**1107**	**1434**	**97**	**268**	**65781**	**57953**	**190**	**201**
	Sawn	**54631**	**65630**	**221**	**394**	**865535**	**655860**	**402**	**489**
	Ven	**26662**	**28632**	**1357**	**1526**	**84560**	**67328**	**499**	**1292**
	Ply	**142334**	**144383**	**548**	**643**	**247635**	**198026**	**416**	**507**
	Total	**224735**	**240078**	**--**	**--**	**1263511**	**979167**	**--**	**--**
Bolivia	Logs	275 C	357 C	52	298	3122 CB	977 C	350	247
	Sawn	118 C	24 CB	148	121	38691 CB	30117 C	363	590
	Ven	27 CB	107 CB	816	956	6447 C	9440 C	2792	3211
	Ply	0 CB	4 CB	--	510	3729 CB	417 C	562	632
Brazil	Logs	5	616 CB	640	242	1249	2802	208	222
	Sawn	8971	14941	96	178	667612	475244	393	462
	Ven	7412	10520	695	956	66944	42263	413	1031
	Ply	69	130	287	765	173033	124565	389	451
Colombia	Logs	8 C	11 C	161	301	3037 C	4414 C	171	195
	Sawn	51 CB	2	1006	12327	3683 C	5666 C	492	553
	Ven	2866 C	4086 C	2022	2785	4	36	5640	2261
	Ply	2669 C	2316 CB	604	558	4407 C	3109 C	613	762

Table 1-2-d. Trade of Tropical Timber by ITTO Producers - Value (1000 $ and $/m^3)

		Imports				Exports			
		Value		Unit Value		Value		Unit Value	
Country	Product	2007	2008	2007	2008	2007	2008	2007	2008
Ecuador	Logs	0 C	45 C	--	583	14867 CB	10282 C	207	142
	Sawn	2 C	17 C	586	945	2441 CB	1905 CB	589	322
	Ven	177 C	353 C	2423	2459	5709 CB	8557 C	3077	2939
	Ply	69 CB	0 CB	412	186	35812 CB	35130 CB	500	677
Guatemala	Logs	1 C	99 C	520	298	1069 CB	856 CB	505	461
	Sawn	1439 C	1451 C	828	859	6821 C	5666 C	571	724
	Ven	74 C	1 C	1325	2365	320 CB	188 CB	1345	1053
	Ply	190 C	336 C	352	657	959 CB	42 CB	219	659
Guyana	Logs	0 C	0 C	--	--	23747	18080	139	176
	Sawn	4 C	6 C	153	954	21862	26013	497	542
	Ven	20 CB	8 CB	2419	3173	0	0	--	--
	Ply	0 C	50 C	795	659	8877	6582	370	411
Honduras	Logs	39 CB	0 C	448	--	0	0	--	--
	Sawn	1469 C	0 C	306	--	6092 C	3433 I	597	764
	Ven	72 C	27	1005	558	0	0	--	--
	Ply	31 C	13	421	759	0	0 C	--	--
Mexico	Logs	505	231	112	233	2179 CB	3419 CB	363	775
	Sawn	34521 C	33849 C	269	563	2576 CB	3136 CB	511	598
	Ven	14426 C	11739 C	2400	2381	4775 C	4365 C	2210	2541
	Ply	115648 C	112041 C	560	656	352 C	170 C	433	681
Panama	Logs	2	52	1756	572	14542 CB	12647 CB	297	343
	Sawn	330	138	411	396	1379	1260 C	85	735
	Ven	111	55	528	820	0	0	--	--
	Ply	1802	842	552	614	0	63	--	547
Peru	Logs	0 C	0 C	--	--	134 CB	823 CB	318	672
	Sawn	502	602	614	614	112206 CB	101382 CB	469	589
	Ven	268 C	131 CB	1669	1191	355	2478 C	429	737
	Ply	141 C	0 C	315	--	20465 CB	27744 CB	565	669
Suriname	Logs	0	0	--	--	1789	3635	142	126
	Sawn	95 CB	175 CB	1488	720	2086	1908	247	276
	Ven	0	0	--	--	0	0	--	--
	Ply	2209	2488	469	525	0	0	--	--
Trinidad and Tobago	Logs	274 C	0	185	--	46 CB	19	1170	962
	Sawn	1041 I	1097	521	593	78 CB	123	416	878
	Ven	91 C	102	1071	1277	7 C	0	1239	--
	Ply	4948 CB	4411 CB	360	433	2 CB	66	832	1104
Venezuela	Logs	0 CB	21 CB	--	310	0 C	0 C	--	--
	Sawn	6088 F	13328 C	417	782	8	8	143	143
	Ven	1119 C	1503 C	1315	1886	0	1 C	2500	584
	Ply	14557 C	21751 C	570	668	0	139 C	--	633
Producers Total	**Logs**	**1108075**	**1268171**	**288**	**348**	**2735361**	**2769978**	**210**	**236**
	Sawn	**511361**	**541829**	**186**	**186**	**3240178**	**2859997**	**290**	**300**
	Ven	**62990**	**72390**	**1159**	**997**	**717220**	**641853**	**711**	**882**
	Ply	**238535**	**208675**	**510**	**572**	**3478248**	**3171850**	**395**	**434**
	Total	**1920961**	**2091066**	**--**	**--**	**10171007**	**9443679**	**--**	**--**
ITTO Total	**Logs**	**3974045**	**3884885**	**264**	**302**	**2811484**	**2831927**	**214**	**239**
	Sawn	**4292104**	**3960140**	**480**	**490**	**3873855**	**3418759**	**328**	**340**
	Ven	**883151**	**849785**	**1011**	**1025**	**956616**	**863437**	**857**	**1055**
	Ply	**4310892**	**3863122**	**538**	**575**	**4181313**	**3828138**	**430**	**476**
	Total	**13460193**	**12557931**	**--**	**--**	**11823267**	**10942260**	**--**	**--**

APPENDIX 2

Direction of Trade in Volume of Primary Tropical Timber Products between Major ITTO Producers and Consumers in 2008

N.B. 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.

Table 2-1. Trade of Tropical Logs, 2008 (m^3)

Exporters / Importers	Malaysia	Papua New Guinea+	Gabon++	Myanmar++	Congo, Rep. Of++	Cameroon++	Dem. Rep. Of Congo++	Côte d'Ivoire++	Guyana	Togo++	Ghana+++	Central African Rep.++	Others	Total Imports
China	**810,495** C	**2,229,673** C	**1,076,781** C	**462,125** C	**394,763** C	**201,333** C	**24,021** C	**595** C	**50,378** C	**53,086** C	**1,400** C	**33,718** C	**1,601,503** I	**6,939,871**
	670,347 C								*41,227*		*167* C			
India	**1,553,413** C	**93,650** C	**103,486** C	**741,102** C	**8,182** C	**3,331** C	**-** C	**111,176** C	**31,489** C	**41,572** C	**191,408** C	**866** C	**423,325** C	**3,303,000** C
	1,891,356 C								*39,210*		*8,217* C			
Japan	**572,982** C	**91,822** C	**2,850** C	**563** C	**410** C	**226** C	**580** C	**-** C	**-** C	**-** C	**-** C	**996** C	**52,986** I	**723,415** C
	583,864 C								-					
Taiwan, P.O.C.	**519,684** C	**16,140** C	**27,003** C	**35,484** C	**6,514** C	**1,271** C	**4,837** C	**-** C	**1,096** C	**-** C	**-** C	**-** C	**10,847** C	**622,876** C
	521,832 C								*1,531*					
France	**234** C	**-** C	**203,272** C	**23** C	**33,247** C	**13,099** C	**71,921** C	**24** C	**-** C	**-** C	**1,341** C	**16,861** C	**29,968** I	**369,990** E9
	- C								-					
Thailand*	**45,696** C	**33,123** C	**331** C	**96,628** C	**81,715** CI	**350** C	**-** C	**-** C	**-** C	**-** C	**20** C	**-** C	**31,802** I	**289,665** CBI
	53,970 C								-					
Korea, Rep. of**	**36,683** C	**36,304** C	**6,116** C	**1,085** C	**562** C	**769** C	**223** C	**-** C	**-** C	**-** C	**-** C	**820** C	**64,992** I	**147,554**
	59,943 C								*187*					
Portugal	**-** C	**-** C	**13,500** C	**-** C	**25,698** C	**6,159** C	**78,094** C	**-** C	**-** C	**-** C	**-** C	**2,426** C	**2,623** I	**128,500** E1
	- C								-					
Italy	**1,190** C	**-** C	**28,632** C	**607** C	**15,667** C	**21,670** C	**3,736** C	**52** C	**648** C	**50** C	**-** C	**7,470** C	**11,278** I	**91,000** E1
	29 C								*832*					
Germany***	**3,504** C	**389** C	**35,282** C	**5,132** C	**4,390** C	**42,811** C	**1,779** C	**-** C	**-** C	**-** C	**937** C	**-** C	**-28,224** I	**66,000** E1
	43 C								*44*		*59* C			
Spain**	**-** C	**-** C	**23,985** C	**-** C	**38,163** C	**7,281** C	**2,295** C	**311** C	**-** C	**20** C	**-** C	**5,509** C	**-16,424** I	**61,140** E1
	- C								-		*75* C			
Greece**	**-** C	**-** C	**450,152** C	**-** C	**-** C	**57** C	**118** C	**-** C	**-** C	**-** C	**-** C	**-** C	**-414,167** I	**36,160** E5
									-					
Others														
	406,832 C	*2,514,915*	*1,757,000*	*1,377,716*	*612,000*	*258,000*	*225,262*	*115,806*	*19,969*	*94,968*	*78,567* I	*81,489*		
Total Exports	*4,188,216* C	*2,514,915*	*1,757,000* CBI	*1,377,716* CB	*612,000* CBI	*258,000* *	*225,262* CB	*115,806* CB	*103,000*	*94,968* CB	*87,085*	*81,489* CB		

Figures in **bold** denote imports recorded by importing country. Figures in *italics* denote exports recorded by exporting country.

Notes about importers

* Thailand reported 1,024,000 m^3 of tropical industrial roundwood imports to COMTRADE.

** The Rep. of Korea reported 147,554 m^3 of tropical industrial roundwood imports in the ITTO Joint Forest Sector Questionnaire 2008 but did not report any breakdown of its imports. It reported 160,125 m^3 of tropical industrial roundwood imports in COMTRADE.

***Germany reported 109,000 m3 of tropical industrial roundwood imports to COMTRADE for the year 2008. Of this total, 5,000 m3 were from Equatorial Guinea.

**** Spain reported 61,140 m^3 of tropical industrial roundwood imports in the ITTO Joint Forest Sector Questionnaire 2008 but did not report any breakdown of its imports. It reported 147,845 m^3 of tropical industrial roundwood imports in COMTRADE.

**** Greece reported 493,878 m^3 of tropical industrial roundwood imports to COMTRADE.

Notes about exporters

+Papua New Guinea reported 2,514,915 m^3 of tropical industrial roundwood exports in the ITTO Joint Forest Sector Questionnaire 2008 but did not report any breakdown of its exports.

++ Gabon, Myanmar, the Rep. of Congo, Cameroon, the Dem. Rep. of Congo, Côte d'Ivoire, Togo and the Central African Rep. did not report any data in COMTRADE for the year 2008 and did not submit the ITTO Joint Forest Sector Questionnaire to the Secretariat.

+++ Ghana reported 87,085 m^3 of tropical industrial roundwood exports in the 2008 ITTO Joint Forest Sector Questionnaire but did not report any breakdown of its exports. Ghana reported 10,365 m^3 to COMTRADE.

Table 2-2. Trade of Tropical Sawnwood, 2008 (m^3)

Exporters / Importers	Malaysia	Thailand	Brazil+	Indonesia++	Cameroon+++	Rep of Congo++++	Côte d'Ivoire	Philippines	Ghana	Peru	Myanmar++++	Nigeria+++++	Others	Total Imports
Thailand*	**2,690,060** C		**142,800** C	**1,688** C	**62,278** C	**96** C	**17,585** C	**4** C	**147** C	**-** C	**46,749** C	**303** C	**-769,710** I	**2,192,000** CI
	1,635,301 C		*1,370* C	*89* C			*533* C	*0*	*165* C	*-* C		*-* C		
China	**252,582**	**790,705**	**148,909**	**225,627**	**26,426**	**10,313**	**2,902**	**181,260**	**3,207**	**60,693**	**98,422**	**4,617**	**146,693**	**1,952,356**
	237,650 C	*755,738* C	*109,748* C	*8,935* C			*1,431* C	*140,724*	*2,833* C	*9,853* C		*-* C		
Netherlands**	**32,593** C	**931** C	**68,216** C	**6,840** C	**69,528** C	**1,058** C	**4,304** C	**15** C	**2,078** C	**488** C	**371** C	**211** C	**241,367** I	**428,000** EI
	40,598 C	*-* C	*184,789* C	*1,337* C			*8,084* C	*0*	*3,589* C	*1,169* C		*-* C		
Malaysia		**219,780** C	**8,117** C	**93,063** C	**7,287** C	**5,602** C	**123** C	**13,963** C	**2,303** C	**168** C	**6,113** C	**-** C	**17,207**	**373,726** C
		164,817 C	*6,411* C	*6,310* C			*117* C	*1,512*	*748* C	*125* C		*-* C		
Italy	**8,022** C	**319** C	**9,492** C	**2,001** C	**122,288** C	**9,891** C	**90,302** C	**-** C	**13,463** C	**727** C	**207** C	**1,280** C	**77,998** C	**335,990** C
	8,693 C	*36* C	*7,882* C	*507* C			*60,931* C	*0*	*13,789* C	*437* C		*140* C		
United States	**18,747** C	**9,784** C	**126,483** C	**5,980** C	**28,277** C	**9,614** C	**25,393** C	**2,556** C	**24,802** C	**19,469** C	**-** C	**226** C	**33,669** I	**305,000** EI
	17,492 C	*220* C	*40,322* C	*1,362* C			*19,535* C	*276*	*20,679* C	*36,684* C		*-* C		
France***	**16,456** C	**95** C	**123,576** C	**7,858** C	**65,217** C	**65,217** C	**15,197** C	**-** C	**22,654** C	**49** C	**11** C	**17** C	**-14,327** I	**302,020** EI
	9,683 C	*-* C	*78,589* C	*778* C			*9,747* C	*0*	*12,463* C	*69* C		*-* C		
Taiwan, P.O.C.	**223,699** C	**5,726** C	**2,839** C	**7,076** C	**360** C	**38** C	**19** C	**29,741** C	**517** C	**430** C	**1,330** C	**19** C	**28,474**	**300,268** C
	170,659 C	*596,607* C	*2,079* C	*935* C			*33* C	*42,182*	*191* C	*-* C		*-* C		
Spain****	**28** CB	**-** CB	**28,814** CB	**140** CB			**32,471** CB	**0** CB	**932** CB	**494** CB		**-** CB	**214,971** I	**277,850** EI
	28 C	*-* C	*28,814* C	*140* C			*32,471* C	*0*	*932* C	*494* C		*-* C		
Belgium	**9,961** C	**53** C	**22,016** C	**2,927** C	**60,816** C	**3,517** C	**6,930** C	**-** C	**9,995** C	**113** C	**-** C	**188** C	**94,294** I	**210,810** EI
	8,484 C	*-* C	*28,182* C	*305* C			*4,539* C	*39*	*10,761* C	*53* C		*-* C		
Japan	**118,587** C	**1,048** C	**5,482** C	**27,181** C	**294** C	**18** C	**61** C	**2,159** C	**79** C	**54** C	**285** C	**65** C	**21,548** C	**176,861** C
	240,049 C	*934* C	*5,001* C	*18,879* C			*59* C	*2,957*	*86* C	*43* C		*-* C		
Germany	**15,188** C	**1,118** C	**9,089** C	**20,381** C	**24,871** C	**4,170** C	**10,159** C	**-** C	**20,215** C	**-** C	**2,853** C	**50** C	**43,906** I	**152,000** EI
	9,118 C	*5* C	*4,950* C	*155* C			*3,503* C	*0*	*18,725* C	*9* C		*-* C		
Others														
	1,337,132 C	*103,613* C	*530,213* I	*658,249* I	*578,000*	*264,906*	*111,118* C	*26,783*	*106,421* I	*123,334* I	*171,563*	*161,218* I		
Total Exports	*3,714,887* C	*1,621,970* C	*1,028,350*	*697,981* CB	*578,000* *	*264,906* CB	*252,101* C	*214,473*	*191,382*	*172,270* CB	*171,563* CB	*161,358* CB		

Figures in **bold** denote imports recorded by importing country. Figures in *italics* denote exports recorded by exporting country

Notes about importers

* Thailand reported 5,778,500 m^3 of tropical sawnwood imports to COMTRADE, including 2,758,885 m^3 from Laos. The Secretariat has been unable to verify this data and as consequence it has been using an estimate based on COMTRADE.

** The Netherlands reported 266,818 m^3 of tropical sawnwood imports to COMTRADE.

*** France reported 342,781 m^3 of tropical sawnwood imports to COMTRADE.

**** Spain reported 2,665,661m^3 of tropical sawnwood imports to COMTRADE. The Secretariat considers that COMTRADE data for tropical sawnwood imports by Spain is incorrect. The mirror data has therefore been provided for imports by country.

Notes about exporters

+ Brazil does not provide a breakdown of tropical sawnwood exports in the 2008 ITTO JFSQ. Brazil reported 2,067,375 m^3 of tropical sawnwood exports to COMTRADE (including 1,107,622 m^3 to Venezuela).

++ Indonesia reported estimated exports of tropical sawnwood of 71,912 m^3 in the ITTO Joint Forest Sector Questionnaire and reported 52,311 m^3 to COMTRADE.

+++ The Cameroon Forest Authority reported 578,000 m^3 of total tropical sawnwood exports in 2008 but Cameroon did not report any data to COMTRADE for the year 2008.

++++ The Rep. of Congo and Myanmar did not submit the 2008 ITTO JFSQ and did not report data to COMTRADE for the year 2008.

+++++ Nigeria did not submit the 2008 ITTO JFSQ and reported 142 m^3 of tropical sawnwood exports to COMTRADE for the year 2008.

Table 2-3. Trade of Tropical Veneer, 2008 (m^3)

Exporters / Importers	Malaysia+	Côte d'Ivoire	Ghana	Gabon++	Cameroon++	Brazil+++	Myanmar++	Belgium	Germany	India	Spain	Indonesia++++	Others	Total Imports
Rep. of Korea	**150,877** C	**-** C	**-** C	**-** C	**94** C	**989** C	**615** C	**-** C	**31** C	**41** C	**0** C	**458** C	**10,959** C	**164,064** C
	14,823 C	*-* C				*54,000*		*-* C	*17* C	*178* C	*22* C	*419* W		
Taiwan, P.O.C.	**122,060** C	**-** C	**137** C	**-** C	**-** C	**44** C	**169** C	**-** C	**13** C	**-** C	**-** C	**507** C	**12,622** C	**135,553** C
	15,252 C	*-* C	*124*			*0*		*-* C	*10* C	*323* C	*-* C	*59* W		
Italy	**-** C	**29,112** C	**6,747** C	**8,355** C	**23,243** C	**918** C	**0** CR	**609** C	**1,920** C	**142** C	**3,220** C	**19** C	**16,293** C	**90,577** C
	- C	*27,579* C	*9,447*			*983*		*566* C	*1,017* C	*478* C	*3,097* C	*429* W		
France	**-** C	**1,099** C	**1,245** C	**35,143** C	**181** C	**272** C	**-** C	**974** C	**573** C	**9** C	**855** C	**9** C	**37,198** I	**77,560** E9
	- C	*1,911* C	*1,276*			*305*		*1,308* C	*235* C	*6* C	*1,501* C	*111* W		
China	**16,521**	**15**	**524**	**396**	**48**	**646**	**4,324**	**0** C	**1,601**	**28**	**-**	**1,487**	**38,529**	**64,119**
	3,916 C	*-* C	*578*			*901*		*0* C	*541* C	*161* C	*45* C	*2,330* W		
Spain	**-** C	**15,661** C	**3,649** C	**1,206** C	**2,709** C	**1,197** C	**-** C	**146** C	**786** C	**89** C		**5** C	**14,622** I	**40,070** E8
	- C	*15,258* C	*4,962*			*6,347*		*32* C	*184* C	*285* C		*25* W		
Germany	**441** C	**17,088** C	**2,293** C	**464** C	**599** C	**239** C	**-** C	**252** C		**29** C	**200** C	**820** C	**14,174** I	**36,600** E8
	386 C	*17,019* C	*4,330*			*3,075*		*906* C		*100* C	*567* C	*3,376*		
Japan	**21,834** C	**-** C	**-** C	**-** C	**-** C	**43** C	**51** C	**-** C	**47** C	**61** C	**9** C	**4,318** C	**985** C	**27,347** C
	5,417 C	*-* C				*51*		*-* C	*66* C	*201* C	*12* C	*2,297* W		
United States	**1,235** C	**3,478** C	**6,961** C	**778** C	**387** C	**4,346** C	**-** C	**6** C	**1,145** C	**1,245** C	**581** C	**338** C	**6,840** I	**27,340** E8
	182 C	*9,546* C	*21,419*			*17,963*		*-* C	*887* C	*877* C	*344* C	*2,753* W		
Philippines	**18,315**	**-**	**-**	**-**	**-**	**22**	**-**	**-**	**3**	**-**	**-**	**-**	**1,444**	**19,784**
	4,484 C	*-* C				*0*		*-* C	*-* C	*-* C	*-* C	*5* W		
Indonesia	**933** W	**0** W	**30** W	**0** W	**0** W	**443** W	**21** W	**-** C	**401** W	**1** W	**16** W		**13,281** W	**15,126** W
	1,748	*-* C	*41*			*717*		*-* C	*57* C	*4*	*0* C			
India	**353** C	**1,339** C	**1,207** C	**-** C	**13** C	**593** C	**9,200** C	**-** C	**240** C		**26** C	**112** C	**2,016** C	**15,099** C
	97 C	*4,289* C	*1,540*			*461*		*-* C	*184* C		*5* C	*14* C		
Others														
	257,206 I	*27,216* C	*25,962*	*61,996* CB	*59,000* -	*-43,803*	*27,490* CB	*15,188* I	*12,302* I	*12,556* C	*8,687* I	*-420* I		
Total Exports	*303,511* CB	*102,819* C	*69,679*	*61,996* CB	*59,000* -	*41,000*	*27,490* CB	*18,000* E2	*15,500* E1	*15,169* C	*14,280* E1	*11,398* CB		

Figures in **bold** denote imports recorded by importing country. Figures in *italics* denote exports recorded by exporting country

Notes about exporters

+ Malaysia reported 49,211 m^3 of tropical veneer exports to COMTRADE. Yemen reported importing 122,060 m^3 of tropical veneer from Malaysia in COMTRADE.

++ Gabon, Cameroon and Myanmar did not report any data to COMTRADE for the year 2008 and did not submit the ITTO Joint Forest Sector Questionnaire.

+++ Brazil does not provide a breakdown of coniferous and non-coniferous/tropical veneer exports in the ITTO Joint Forest Sector Questionnaire but reports total exports of 120,286 ^{3}m

++++ Indonesia does not provide a breakdown of coniferous and non-coniferous/tropical veneer imports in the ITTO Joint Forest Sector Questionnaire but reports total expots of 17,379 ^{3}m

Table 2-4. Trade of Tropical Plywood, 2008 (m^3)

Exporters / Importers	Malaysia	Indonesia	Brazil	China+	Ghana++	Belgium	France	Germany	Italy	Ecuador	Gabon	Peru	Others	Total Imports
Japan*	**1,957,000**	**869,000**	**-**	**584,000**	**-**	**-**	**0**	**0**	**0**	**0**	**-**	**0**	**-1,037,000**	**2,373,000**
	2,042,000	*832,637* C	*0*	*158,295*	- C	- C	- C	- C	- C	- C		- C		
United States	**148,392** C	**230,597** C	**81,983** C	**217,823** C	**3,867** C	**132** C	**2,836** C	**1,127** C	**6,981** C	**36,283** C	**-** C	**192** C	**69,803** C	**800,016** C
	153,000	*130,228* C	*37,986*	*355,052*	*1,834* C	- C	*281* C	*452* C	*1,375* C	*22,076* C		*184* C		
Korea, Rep. of **	**333,844** C	**96,206** C	**1** C	**95,625** C	**-** C	**-** C	**143** C	**394** C	**127** C	**-** C	**-** C	**-** C	**174,667** I	**701,007**
	606,000	*142,967* C	*0*	*55,529*	- C	- C	- C	*13* C	- C	- C		- C		
Taiwan P.O.C.	**393,333** C	**103,389** C	**-** C	**15,795** C	**-** C	**-** C	**-** C	**3** C	**227** C	**-** C	**-** C	**-** C	**872** C	**513,619** C
	397,000	*221,066* C	*0*	*44,060*	- C	- C	- C	*16* C	- C	- C		- C		
Netherlands***	**16,902** C	**19,938** C	**5,648** C	**27,511** C	**-** C	**22,228** C	**49,015** C	**1,089** C	**4,636** C	**-** C	**13,871** C	**-** C	**102,322** I	**263,160** E2
	20,000	*21,773* C	*6,909*	*65,447*	- C	*47,999* C	*60,410* C	*675* C	*1,614* C	- C		- C		
United Kingdom****	**213,978** C	**19,429** C	**108,571** C	**66,133** C	**47** C	**23,971** C	**95,113** C	**2,231** C	**802** C	**-** C	**-** C	**-** C	**-278,678** I	**251,597** CB
	244,000	*29,659* C	*93,713*	*81,573*	- C	*153* C	*3,890* C	*835* C	*3,668* C	- C		- C		
China	**83,119**	**124,600**	**0**		**0**	**189**	**2**	**152**	**64**	**0**	**0**	**0**	**9,895**	**218,021**
	86,000	*164,436* C	*0*		- C	- C	- C	- C	*62* C	- C		- C		
Germany	**2,193** C	**39,809** C	**26,209** C	**4,581** C	**34** C	**5,629** C	**17,758** C		**39,906** C	**-** C	**144** C	**-** C	**66,128** C	**202,391** C
	4,000	*65,217* C	*14,563*	*18,222*	- C	*5,039* C	*5,537* C		*27,206* C	- C		- C		
France****	**16,279** C	**21,651** C	**84,407** C	**54,972** C	**57** C	**34,629** C		**38,400** C	**108,317** C	**-** C	**11,808** C	**-** C	**-176,940** I	**193,580** E3
	-	*5,533* C	*7,742*	*14,466*	*111* C	*47,561* C		*38,622* C	*24,085* C	- C		- C		
Mexico	**77,092** C	**13,554** C	**4,313** C	**18,606** C	**-** C	**-** C	**-** C	**12** C	**-** C	**10,272** C	**-** C	**38,523** C	**8,479** C	**170,851** C
	70,000	*11,237* C	*2,299*	*34,035*	- C	- C	*96* C	- C	- C	*9,434* C		*29,940* C		
Belgium	**25,572** C	**59,657** C	**21,059** C	**25,016** C	**2,805** C		**5,574** C	**4,573** C	**684** C	**-** C	**140** C	**-** C	**10,920** I	**156,000** E1
	25,000	*45,212* C	*12,044*	*47,980*	*2,004* C		*6,540* C	*456* C	*812* C	- C		- C		
Egypt****	**662,199** C	**22,261** C	**2,536** C	**38,091** CB	**-** C	**-** C	**36** C	**-** C	**7,457** C	**-** C	**-** C	**-** C	**-579,084** I	**153,496** CB
	133,000	*27,816* C	*1,494*	*38,091*	- C	- C	- C	- C	*31* C	- C		- C		
Others														
	706,000	*448,015* C	*99,250*	*-702,442*	*134,443* I	*4,248* I	*25,536* I	*36,478* C	*6,037* I	*20,396* I	*46,188*	*11,322* I		
Total Exports	*4,486,000*	*2,145,796* C	*276,000*	*210,308*	*138,392*	*105,000* E1	*102,290* E9	*77,547* C	*64,890* E1	*51,906* CB	*46,188* CB	*41,446* CB		

Figures in **bold** denote imports recorded by importing country. Figures in *italics* denote exports recorded by exporting country

Notes about importers

* Japan does not provide a breakdown of coniferous and non-coniferous/tropical plywood imports in the ITTO Joint Forest Sector questionnaire and reports total imports of 3,441,000 ^{3}m

** The Rep. of Korea does not provide a breakdown of coniferous and non-coniferous/tropical plywood imports in the ITTO Joint Forest Sector Questionnaire (701,007 ^{3}m total) and reported 567,833 m^3 of tropical plywood imports to COMTRADE.

*** The Netherlands reported 192,820 m^3 of tropical plywood imports to COMTRADE.

**** The United Kingdom reported 607,406 m^3 of tropical plywood imports to COMTRADE.

***** France reported 407,100 m^3 of tropical plywood imports to COMTRADE.

****** Egypt reported 3,763,095 m^3 of tropical plywood imports to COMTRADE and did not report its tropical plywood imports in the ITTO Joint Forest Sector Questionnaire.

Notes about exporters

+ China only provides non-coniferous plywood exports in the ITTO Joint Forest Sector questionnaire and reports total impots of 1,656,000 ^{3}m

++ Ghana exports most of its tropical plywood to non-ITTO member African Countries (Nigeria, Niger, Burkina Faso and Togo) which represent 76% of its exports.

APPENDIX 3

Major Tropical Species Traded in 2007 and 2008

N.B. Export values/prices are FOB; import values are CIF, unless otherwise stated.

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 m^3	Avg. Price $/$m^3$
CONSUMERS					
Asia-Pacific					
Japan	2007	*Shorea rugosa*	meranti bakau		
Japan	2007	*Shorea* spp.	dark red meranti	251	235
Japan	2007	*Shorea* spp.	light red meranti		
Japan	2007	*Parashorea* spp.	white seraya		
Japan	2007	*Parashorea* spp., *Pentacme* spp.	white lauan		
Japan	2007	*Shorea albida*	alan	322	246
Japan	2007	*Shorea* spp.	white meranti		
Japan	2007	*Shorea* spp.	yellow meranti		
Japan	2007	*Dipterocarpus* spp.	keruing	80	257
Japan	2007	*Dryobalanops* spp.	kapur		
Japan	2007	*Dactylocladus stenostachys*	jongkong		
Japan	2007	*Dyera costulata*	jelutong		
Japan	2007	*Gonystylus* spp.	ramin	3	203
Japan	2007	*Intsia* spp.	merbau		
Japan	2007	*Koompassia malaccensis*	kempas		
Japan	2007	*Aucoumea klaineana*	okoumé	3	590
Japan	2007	*Triplochyton scleroxylon*	obéché		
Japan	2008	*Shorea rugosa*	meranti bakau		
Japan	2008	*Shorea* spp.	dark red meranti	182	235
Japan	2008	*Shorea* spp.	light red meranti		
Japan	2008	*Parashorea* spp.	white seraya		
Japan	2008	*Parashorea* spp., *Pentacme* spp.	white lauan		
Japan	2008	*Shorea albida*	alan	262	258
Japan	2008	*Shorea* spp.	white meranti		
Japan	2008	*Shorea* spp.	yellow meranti		
Japan	2008	*Dipterocarpus* spp.	keruing	50 I	286
Japan	2008	*Dryobalanops* spp.	kapur		
Japan	2008	*Dactylocladus stenostachys*	jongkong		
Japan	2008	*Dyera costulata*	jelutong		
Japan	2008	*Gonystylus* spp.	ramin	1	234
Japan	2008	*Intsia* spp.	merbau		
Japan	2008	*Koompassia malaccensis*	kempas		
Japan	2008	*Aucoumea klaineana*	okoumé	2	669
Japan	2008	*Triplochyton scleroxylon*	obéché		
Rep. of Korea	2007	44.03.41.00.00	(see accompanying notes)	5 I	258
Rep. of Korea	2007	44.03.49.10.00		3	236
Rep. of Korea	2007	44.03.49.20.10		0 R	1663
Rep. of Korea	2007	44.03.49.20.20		3	298
Rep. of Korea	2007	44.03.49.20.40		1	220
Rep. of Korea	2007	44.03.49.30.00		1	848
Rep. of Korea	2007	44.03.49.40.00		1	433
Rep. of Korea	2007	44.03.49.50.00		2	204
Rep. of Korea	2007	44.03.49.20.90			
Rep. of Korea	2007	44.03.49.90.00		132 I	226
Rep. of Korea	2007	44.03.99.90.19			
Rep. of Korea	2008	44.03.41.00.00	(see accompanying notes)	5	264
Rep. of Korea	2008	44.03.49.10.00		5	252
Rep. of Korea	2008	44.03.49.20.10		0 R	3650
Rep. of Korea	2008	44.03.49.20.20		3	313
Rep. of Korea	2008	44.03.49.20.40		1	282
Rep. of Korea	2008	44.03.49.30.00		1	912
Rep. of Korea	2008	44.03.49.40.00		0 R	239
Rep. of Korea	2008	44.03.49.50.00		0 R	211
Rep. of Korea	2008	44.03.49.20.90			
Rep. of Korea	2008	44.03.49.90.00		132	228
Rep. of Korea	2008	44.03.99.90.19			
New Zealand	2007	44.03.49.00.05	(see accompanying notes)	0 R	1267
New Zealand	2007	44.03.49.00.09		0 R	1441
New Zealand	2007	44.03.49.00.17		0 R	1086
New Zealand	2007	44.03.49.00.33		0 R	559
New Zealand	2007	44.03.49.00.49		0 R	1209
New Zealand	2008	44.03.41.00.00	(see accompanying notes)	0 R	1070
New Zealand	2008	44.03.49.00.17		0 R	1389
New Zealand	2008	44.03.49.00.33		0 R	383
New Zealand	2008	44.03.49.00.49		0 R	1725

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 m^3	Avg. Price $/$m^3$
EU					
Finland	2007	44.03.99.95	(see accompanying notes)	0 R	322
Finland	2008	44.03.40	(see accompanying notes)	0 R	1156
Finland	2008	44.03.99.95		0	322
France	2007	*Shorea negrosensis*	dark red meranti		
France	2007	*Shorea* spp.	light red meranti	2	405
France	2007	*Shorea rugosa*	meranti bakau		
France	2007	*Chlorophora* spp.	iroko		
France	2007	*Entrandrophragma cylindricum*	sapele	84	405
France	2007	*Khaya* spp.	acajou d'afrique		
France	2007	*Aucoumea klaineana*	okoumé	117	405
France	2007	*Entandrophragma utile*	sipo	56	405
France	2007		others	184	405
France	2008	*Shorea negrosensis*	dark red meranti		
France	2008	*Shorea* spp.	light red meranti	2	456
France	2008	*Shorea rugosa*	meranti bakau		
France	2008	*Chlorophora* spp.	iroko		
France	2008	*Entrandrophragma cylindricum*	sapele	64	456
France	2008	*Khaya* spp.	acajou d'afrique		
France	2008	*Aucoumea klaineana*	okoumé	90	456
France	2008	*Entandrophragma utile*	sipo	56	456
France	2008		others	158	456
Germany	2007	44.03.41	(see accompanying notes)	0 R	1116
Germany	2007	44.03.49.10		23	564
Germany	2007	44.03.49.20		2	400
Germany	2007	44.03.49.40		15	637
Germany	2007	44.03.49.95		65	681
Netherlands	2007	*Shorea* spp.	meranti	0 R	1270
Netherlands	2007	*Aucoumea klaineana*	okoumé	1	476
Netherlands	2007	*Entandrophragma utile*	sipo	1	1183
Netherlands	2007		others	5	1230
Netherlands	2008	*Entandrophragma utile*	sipo	0 R	1597
Netherlands	2008		others	7	520
Poland	2007	44.03.49.10	(see accompanying notes)	0 R	459
Poland	2007	44.03.49.95		1	503
Poland	2008	44.03.49.10	(see accompanying notes)	0 R	568
Poland	2008	44.03.49.95		0 R	1148
Portugal	2007	*Entandrophragma cylindricum*	sapelli		
Portugal	2007	*Khaya* spp.	acajou d'afrique	49	481
Portugal	2007	*Chlorophora* spp.	iroko		
Portugal	2007	*Aucoumea klaineana Pierre*	okoumé	1	537
Portugal	2007	*Entandrophragma utile Sprague*	sipo	1	440
Portugal	2007	*Eucalyptus* spp.	eucalyptus	23	120
Portugal	2007		others	53	467
Portugal	2008	*Entandrophragma cylindricum*	sapelli		
Portugal	2008	*Khaya* spp.	acajou d'afrique	27	572
Portugal	2008	*Chlorophora* spp.	iroko		
Portugal	2008	*Aucoumea klaineana Pierre*	okoumé	0 R	594
Portugal	2008	*Entandrophragma utile Sprague*	sipo	1	440
Portugal	2008	*Eucalyptus* spp.	eucalyptus	63	133
Portugal	2008		others	38	536
North Africa					
Egypt	2007	*Shorea negrosensis*	dark red meranti	0 R	293
Egypt	2007	*Prioria copaifera*	cativo	1	598
Egypt	2007	*Lophira* spp.	azobe	0 R	1601
Egypt	2007	*Bucida buceras*	caracoli	0 R	769
Egypt	2007	*Malacantha alnifolia*	afara	0 R	536
Egypt	2007	*Shorea* spp.	yellow Meranti	0 R	1053
North America					
Canada	2007	44.03.41.00	(see accompanying notes)	0 R	561
Canada	2007	44.03.49.00		2	130
Canada	2008	44.03.99.00.20	(see accompanying notes)	0 R	394
Canada	2008	44.03.99.00.99		1	83
USA	2007	44.03.49.00.00	(see accompanying notes)	2	680
USA	2008	44.03.49.00.00	(see accompanying notes)	5	234

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 m^3	Avg. Price $/$m^3$
PRODUCERS					
Asia-Pacific					
Indonesia	2007	44.03.99.90.90	(see accompanying notes)	0 R	1713
Indonesia	2008	44.03.41.10.00		0 R	1036
Indonesia	2008	44.03.49.10.00		0 R	431
Indonesia	2008	44.03.99.90.90		1	754
Latin America					
Brazil	2007		others	0 R	49
Mexico	2007	44.03.49.01	(see accompanying notes)	3	79
Mexico	2007	44.03.49.99		1	217
Mexico	2007	44.03.99.99		4	173
Mexico	2008	44.03.49.99	(see accompanying notes)	1	192
Mexico	2008	44.03.99.99		2	184

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 m^3	Avg. Price $/$m^3$
CONSUMERS					
Asia-Pacific					
Japan	2007	*Parashorea* spp.	white seraya		
Japan	2007	*Parashorea* spp., *Pentacme* spp.	white lauan		
Japan	2007	*Shorea albida*	alan	26	686
Japan	2007	*Shorea* spp.	white meranti		
Japan	2007	*Shorea* spp.	yellow meranti		
Japan	2007	*Shorea rugosa*	meranti bakau		
Japan	2007	*Shorea* spp.	dark red meranti	10	650
Japan	2007	*Shorea* spp.	light red meranti		
Japan	2007	*Tectona grandis*	teak	1	2867
Japan	2007	*Euxylophora paraensis*	tsuge/boxwood	1	4067
Japan	2007	*Euxylophora* spp.	tagayasan, etc.		
Japan	2007	*Cedrela* spp.	cedar		
Japan	2007	*Dialianthera* spp.	virola	0 R	2089
Japan	2007	*Phoebe porosa*	imbuia		
Japan	2007	*Swietenia* spp.	mahogany		
Japan	2007		others	114	715
Japan	2008	*Parashorea* spp.	white seraya		
Japan	2008	*Parashorea* spp., *Pentacme* spp.	white lauan		
Japan	2008	*Shorea albida*	alan	17	698
Japan	2008	*Shorea* spp.	white meranti		
Japan	2008	*Shorea* spp.	yellow meranti		
Japan	2008	*Shorea rugosa*	meranti bakau		
Japan	2008	*Shorea* spp.	dark red meranti	4	607
Japan	2008	*Shorea* spp.	light red meranti		
Japan	2008	*Tectona grandis*	teak	1	3253
Japan	2008	*Euxylophora paraensis*	tsuge/boxwood	1	5389
Japan	2008	*Euxylophora* spp.	tagayasan, etc.		
Japan	2008	*Cedrela* spp.	cedar		
Japan	2008	*Dialianthera* spp.	virola	0 R	633
Japan	2008	*Phoebe porosa*	imbuia		
Japan	2008	*Swietenia* spp.	mahogany		
Japan	2008		others	90	795
New Zealand	2007	44.07.21.12.10	(see accompanying notes)	0 R	--
New Zealand	2007	44.07.21.12.15		0 R	761
New Zealand	2007	44.07.21.25.00		1	14
New Zealand	2007	44.07.21.95.00		0 R	1210
New Zealand	2007	44.07.22.12.15	(see accompanying notes)	0 R	678
New Zealand	2007	44.07.22.25.00		1	96
New Zealand	2007	44.07.22.95.00		1	7
New Zealand	2007	44.07.25.90.00		0 R	1053
New Zealand	2007	44.07.27.01.10		0 R	--
New Zealand	2007	44.07.27.01.19		0 R	--
New Zealand	2007	44.07.27.19.00		0 R	1236
New Zealand	2007	44.07.28.01.10		0 R	1284
New Zealand	2007	44.07.28.01.19		0 R	2434
New Zealand	2007	44.07.29.10.01		0 R	1196
New Zealand	2007	44.07.29.10.09		6	1114
New Zealand	2007	44.07.29.10.10		1	1126
New Zealand	2007	44.07.29.10.19		0 R	--
New Zealand	2007	44.07.29.10.27		1	1039
New Zealand	2007	44.07.29.10.39		0 R	5161
New Zealand	2007	44.07.29.30.01		0 R	--
New Zealand	2007	44.07.29.30.09		0 R	948
New Zealand	2007	44.07.29.90.01		1	1364
New Zealand	2007	44.07.29.90.07		0 R	1247
New Zealand	2007	44.07.29.90.09		0 R	765
New Zealand	2007	44.07.29.90.10		0 R	3131
New Zealand	2007	44.07.29.90.15		0 R	--
New Zealand	2007	44.07.29.90.19		0 R	1058
New Zealand	2007	44.07.29.90.27		0 R	965
New Zealand	2007	44.07.29.90.39		0 R	825

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 m^3	Avg. Price $/$m^3$
New Zealand	2008	44.07.21.12.10	(see accompanying notes)	0 R	--
New Zealand	2008	44.07.21.12.15		0 R	798
New Zealand	2008	44.07.21.25.00		0 R	--
New Zealand	2008	44.07.21.95.00		0 R	5012
New Zealand	2008	44.07.22.12.15		1	104
New Zealand	2008	44.07.22.25.00		1	43
New Zealand	2008	44.07.22.95.00		0 R	34
New Zealand	2008	44.07.25.90.00		0 R	192
New Zealand	2008	44.07.27.01.10		0 R	1256
New Zealand	2008	44.07.27.01.19		0 R	1989
New Zealand	2008	44.07.27.19.00		0 R	444
New Zealand	2008	44.07.28.01.10		0 R	1406
New Zealand	2008	44.07.28.01.19		0 R	--
New Zealand	2008	44.07.29.10.01		0 R	--
New Zealand	2008	44.07.29.10.09		0 R	--
New Zealand	2008	44.07.29.10.10		2	1207
New Zealand	2008	44.07.29.10.19		0 R	852
New Zealand	2008	44.07.29.10.27		1	997
New Zealand	2008	44.07.29.10.39		0 R	8126
New Zealand	2008	44.07.29.30.01		0 R	1829
New Zealand	2008	44.07.29.30.09		0 R	1089
New Zealand	2008	44.07.29.90.01		0 R	--
New Zealand	2008	44.07.29.90.07		0 R	--
New Zealand	2008	44.07.29.90.09		0 R	--
New Zealand	2008	44.07.29.90.10		0 R	4729
New Zealand	2008	44.07.29.90.15		0 R	2039
New Zealand	2008	44.07.29.90.19		1	1199
New Zealand	2008	44.07.29.90.27		0 R	--
New Zealand	2008	44.07.29.90.39		0 R	492
Rep. of Korea	2007	44.07.21.00.00	(see accompanying notes)	1	787
Rep. of Korea	2007	44.07.22.00.00		0 R	766
Rep. of Korea	2007	44.07.25.00.00		23	462
Rep. of Korea	2007	44.07.26.00.00		7	404
Rep. of Korea	2007	44.07.27.00.00		0 R	1197
Rep. of Korea	2007	44.07.29.10.00		2	549
Rep. of Korea	2007	44.07.29.20.00		0 R	1659
Rep. of Korea	2007	44.07.29.90.00		192	431
Rep. of Korea	2007	44.07.99.90.10			
Rep. of Korea	2008	44.07.21.00.00	(see accompanying notes)	0 R	907
Rep. of Korea	2008	44.07.22.00.00		0 R	834
Rep. of Korea	2008	44.07.25.00.00		8	743
Rep. of Korea	2008	44.07.26.00.00		2	831
Rep. of Korea	2008	44.07.27.00.00		0 R	1542
Rep. of Korea	2008	44.07.29.10.00		1	862
Rep. of Korea	2008	44.07.29.20.00		0 R	2506
Rep. of Korea	2008	44.07.29.90.00	(see accompanying notes)	85	645
Rep. of Korea	2008	44.07.99.90.10			
EU					
Finland	2007	44.07.20.00.00	(see accompanying notes)	6	1555
Finland	2007	44.07.99.96.00		0 R	2091
Finland	2007	44.07.99.98.00		2	1123
Finland	2008	44.07.20.00.00	(see accompanying notes)	4	1879
Finland	2008	44.07.99.96.00		0 R	2168
Finland	2008	44.07.99.98.00		1	1372
France	2007	*Dialianthera* spp.	virola		
France	2007	*Ochroma lagopus*	balsa	2	784
France	2007	*Phoebe porosa*	imbuia		
France	2007	*Swietenia* spp.	mahogany		
France	2007	*Shorea rugosa*	meranti bakau		
France	2007	*Shorea* spp.	dark red meranti	28	784
France	2007	*Shorea* spp.	light red meranti		
France	2007	*Parashorea* spp.	white seraya		
France	2007	*Parashorea* spp., *Pentacme* spp.	white lauan		
France	2007	*Shorea albida*	alan	4	784
France	2007	*Shorea* spp.	white meranti		
France	2007	*Shorea* spp.	yellow meranti		
France	2007		others	392	784

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 m^3	Avg. Price $/$m^3$
France	2008	*Dialianthera* spp.	virola		
France	2008	*Ochroma lagopus*	balsa	5	878
France	2008	*Phoebe porosa*	imbuia		
France	2008	*Swietenia* spp.	mahogany		
France	2008	*Shorea rugosa*	meranti bakau		
France	2008	*Shorea* spp.	dark red meranti	14	878
France	2008	*Shorea* spp.	light red meranti		
France	2008	*Parashorea* spp.	white seraya		
France	2008	*Parashorea* spp., *Pentacme* spp.	white lauan		
France	2008	*Shorea albida*	alan	3	878
France	2008	*Shorea* spp.	white meranti		
France	2008	*Shorea* spp.	yellow meranti		
France	2008		others	281	878
Germany	2007	44.07.21.99	(see accompanying notes)	0 R	1447
Germany	2007	44.07.22.10		0 R	4517
Germany	2007	44.07.22.91		2	466
Germany	2007	44.07.22.99		1	668
Germany	2007	44.07.25.10		0 R	1848
Germany	2007	44.07.25.30		1	1248
Germany	2007	44.07.25.90		27	977
Germany	2007	44.07.26.10		1	746
Germany	2007	44.07.26.30		0 R	919
Germany	2007	44.07.26.90		5	817
Germany	2007	44.07.27.91		0 R	981
Germany	2007	44.07.27.99		19	849
Germany	2007	44.07.28.91		0 R	1715
Germany	2007	44.07.28.99		4	845
Germany	2007	44.07.29.15		0 R	1539
Germany	2007	44.07.29.20		0 R	593
Germany	2007	44.07.29.25		5	852
Germany	2007	44.07.29.45		0 R	924
Germany	2007	44.07.29.61		10	503
Germany	2007	44.07.29.68		45	934
Germany	2007	44.07.29.83		2	1420
Germany	2007	44.07.29.85		0 R	821
Germany	2007	44.07.29.95		33	898
Netherlands	2007	*Lophira* spp.	azobe	14	558
Netherlands	2007	*Chlorophora* spp.	iroko	6	1048
Netherlands	2007	*Entandrophragma cylindricum*	sapelli	31	1003
Netherlands	2007	*Swietenia* spp.	mahogany	5	1063
Netherlands	2007	*Shorea* spp.	meranti	145	1329
Netherlands	2007	*Dialianthera* spp.	virola	0 R	582
Netherlands	2007		others	258	775
Netherlands	2008	*Lophira* spp.	azobe	6	591
Netherlands	2008	*Chlorophora* spp.	iroko	3	1239
Netherlands	2008	*Entandrophragma cylindricum*	sapelli	27	1212
Netherlands	2008	*Swietenia* spp.	mahogany	4	1072
Netherlands	2008	*Shorea* spp.	meranti	166	1195
Netherlands	2008	*Dialianthera* spp.	virola	0 R	161
Netherlands	2008		others	227	925
Poland	2007	44.07.25.90	(see accompanying notes)	6	1472
Poland	2007	44.07.29.68		4	1081
Poland	2007	44.07.29.95		8	723
Poland	2007	44.07.99.96		8	664
Poland	2008	44.07.25.90	(see accompanying notes)	5	1150
Poland	2008	44.07.26.90		2	1021
Poland	2008	44.07.27.99		3	773
Poland	2008	44.07.29.68		4	1323
Poland	2008	44.07.29.95		7	753
Poland	2008	44.07.99.96		11	706
Portugal	2007	*Swietenia* spp.	Mahogany	0 R	510
Portugal	2007	*Dialianthera* spp.	virola		
Portugal	2007	*Ochroma lagopus*	balsa	0 R	564
Portugal	2007	*Phoebe porosa*	imbuia		
Portugal	2007	*Swietenia* spp.	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 m^3	Avg. Price $/$m^3$
Portugal	2007	*Shorea* spp.	meranti bakau		
Portugal	2007	*Shorea* spp.	dark red meranti	1	795
Portugal	2007	*Shorea* spp.	light red meranti		
Portugal	2007	*Parashorea* spp.	white seraya		
Portugal	2007	*Parashorea* spp., *Pentacme* spp.	white lauan		
Portugal	2007	*Shorea albida*	alan	0.68724	403
Portugal	2007	*Shorea* spp.	white meranti		
Portugal	2007	*Shorea* spp.	yellow meranti		
Portugal	2007	*Entandrophragma cylindricum*	sapelli	8	935
Portugal	2007	*Chlorophora excelsa*	Iroko	3	726
Portugal	2007		others	115	780
Portugal	2008	*Swietenia* spp.	Mahogany	0 R	28020
Portugal	2008	*Dialianthera* spp.	virola		
Portugal	2008	*Ochroma lagopus*	balsa	0 R	680
Portugal	2008	*Phoebe porosa*	imbuia		
Portugal	2008	*Swietenia* spp.	mahogany		
Portugal	2008	*Shorea* spp.	meranti bakau		
Portugal	2008	*Shorea* spp.	dark red meranti	1	809
Portugal	2008	*Shorea* spp.	light red meranti		
Portugal	2008	*Parashorea* spp.	white seraya		
Portugal	2008	*Parashorea* spp., *Pentacme* spp.	white lauan		
Portugal	2008	*Shorea albida*	alan	1	369
Portugal	2008	*Shorea* spp.	white meranti		
Portugal	2008	*Shorea* spp.	yellow meranti		
Portugal	2008	*Entandrophragma cylindricum*	sapelli	5	972
Portugal	2008	*Chlorophora excelsa*	Iroko	4	879
Portugal	2008		others	78	944
North Africa					
Egypt	2007	*Prioria copaifera*	cativo	0 R	157
Egypt	2007	*Lophira* spp.	ekki-eba	0 R	243
Egypt	2007	*lovoa trichilioides*	dibétou	0 R	1607
Egypt	2007	*Malacantha alnifolia*	afara	0 R	1120
Egypt	2007	*Pterocarpus soyauxii*	padouk	0 R	852
Egypt	2007	*khaya ivorensis*	african mahogany	0 R	286
North America					
Canada	2007	44.07.21.00	(see accompanying notes)	10	289
Canada	2007	44.07.22.00.10		2	425
Canada	2007	44.07.22.00.20		1	1150
Canada	2007	44.07.22.00.30		16	168
Canada	2007	44.07.25.00.00		0 R	784
Canada	2007	44.07.27.00.00		11	334
Canada	2007	44.07.28.00.00	(see accompanying notes)	0 R	2086
Canada	2007	44.07.29.00.90		21	522
Canada	2008	44.07.21.00	(see accompanying notes)	4	768
Canada	2008	44.07.22.00.10		3	421
Canada	2008	44.07.22.00.20		0 R	1358
Canada	2008	44.07.22.00.30		4 I	446
Canada	2008	44.07.25.00.00		0 R	1198
Canada	2008	44.07.26.00.00		0 R	1002
Canada	2008	44.07.27.00.00		22 I	107
Canada	2008	44.07.28.00.00		0 R	1699
Canada	2008	44.07.29.00.90		7 I	1479
USA	2007	44.07.25.00.00	(see accompanying notes)	14	999
USA	2007	44.07.25.29.00		229	868
USA	2008	44.07.25.00.00	(see accompanying notes)	8	1010
USA	2008	44.07.25.29.00		173	1181

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 m^3	Avg. Price $/$m^3$
PRODUCERS					
Asia-Pacific					
Indonesia	2007	44.07.25.10.00	(see accompanying notes)	5 I	396
Indonesia	2007	44.07.29.11.00		0 R	1452
Indonesia	2007	44.07.29.31.00		0 R	3627
Indonesia	2007	44.07.29.99.00		3	602
Indonesia	2007	44.07.99.19.00		0 RI	766
Indonesia	2007	44.07.99.99.90		2	528
Indonesia	2008	44.07.25.10.00	(see accompanying notes)	4	602
Indonesia	2008	44.07.29.31.00		0 R	694
Indonesia	2008	44.07.29.99.00		2	788
Indonesia	2008	44.07.99.19.00		0 R	321
Indonesia	2008	44.07.99.99.90		5	438
Philippines	2007	*Dialianthera* spp.	virola	0 R	476
Philippines	2007	*Ochroma lagopus*	balsa		
Philippines	2007	*Shorea* spp.	dark red meranti	2	240
Philippines	2008	*Shorea* spp.	dark red meranti	4	276
Latin America					
Brazil	2007	*Virola* spp.	virola/balsa	1	4157
Brazil	2007	*Balfourodendron riedelianum*	pau marfim	12	85
Brazil	2007	*Nectandra* spp./ *Ocotea* spp.	louro	0 R	26
Brazil	2007	*Senna* spp./ Peltophorum spp.	canafistula	11	25
Brazil	2007	*Arachis hypogaea* L.	amendoim	1	32
Brazil	2007	*Anadenanthera* spp.	angico preto	8	36
Brazil	2007	*Aspidospema* spp./ *Paratecom* a spp.	peroba	5	37
Brazil	2007	*Myroxylo* n spp.	cabreuva parda	0 R	153
Brazil	2007		others	54	64
Brazil	2008	*Virola* spp.	virola/balsa	2	4171
Brazil	2008	*Tabebuia* spp.	ipe	0 R	100
Brazil	2008	*Balfourodendron riedelianum*	pau marfim	9	139
Brazil	2008	*Nectandra* spp./ *Ocotea* spp.	louro	0 R	48
Brazil	2008	*Senna* spp./ Peltophorum spp.	canafistula	3	51
Brazil	2008	*Astronium urundeuva*	urundei	0 R	90
Brazil	2008	*Arachis hypogaea* L.	amendoim	2	76
Brazil	2008	*Anadenanthera* spp.	angico preto	19	54
Brazil	2008	*Aspidospema* spp./ *Paratecom* a spp.	peroba	3	53
Brazil	2008		others	47	78
Mexico	2007	44.07.24.99	(see accompanying notes)	3	105
Mexico	2007	44.07.25.01		0 R	--
Mexico	2007	44.07.29.01		0 R	--
Mexico	2007	44.03.29.03		72	237
Mexico	2007	44.07.29.99		19	473
Mexico	2008	44.07.29.99	(see accompanying notes)	12	878
	2008	*Cedrela* spp.	cedar	0 R	903
Trinidad and Tobago	2008	*Chlorocardium rodiei*	greenheart	1	457
	2008	*Mora excelsa*	Mora	1	414
Trinidad and Tobago	2008		others	0 R	585
Venezuela	2007	*Virolla* spp.	virola		
Venezuela	2007	*Swietenia* spp.	mahogany		
Venezuela	2007	*Octea porosa*	imbuia		
Venezuela	2007	*Ochroma lagopus*	balsa	63	959
Venezuela	2007	*Shorea* spp.	dark red meranti		
Venezuela	2007	*Shorea* spp.	light red meranti		
Venezuela	2007	*Shorea rugosa*	meranti bakau		

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 m^3	Avg. Price $/$m^3$
CONSUMERS					
Asia-Pacific					
Japan	2007	*Shorea rugosa*	meranti bakau		
Japan	2007	*Shorea* spp.	dark red meranti	5	588
Japan	2007	*Shorea* spp.	light red meranti		
Japan	2007	*Tectona grandis*	teak	0 R	6712
Japan	2007	*Pterocarpus* spp.	padok	0 R	7142
Japan	2007	*Dyera costulata*	jelutong	0 R	561
Japan	2007		tsuge	0 R	6339
Japan	2007		tagayasan		
Japan	2007		others	14	781
Japan	2008	*Shorea rugosa*	meranti bakau		
Japan	2008	*Shorea* spp.	dark red meranti	4	636
Japan	2008	*Shorea* spp.	light red meranti		
Japan	2008	*Tectona grandis*	teak	0 R	7771
Japan	2008	*Pterocarpus* spp.	padok	0 R	6099
Japan	2008		tsuge	0 R	15101
Japan	2008		tagayasan		
Japan	2008		others	11 I	781
New Zealand	2007	44.08.31.90.39	(see accompanying notes)	0 R	1731
New Zealand	2007	44.08.39.90.11		0 R	1021
New Zealand	2007	44.08.39.90.29		0 R	3278
New Zealand	2007	44.08.39.90.39		0 R	2822
New Zealand	2007	44.08.39.90.49		0 R	25186
New Zealand	2007	44.08.39.90.61		0 R	489
New Zealand	2007	44.08.90.02.09		0 R	3791
New Zealand	2007	44.08.90.08.39		0 R	59
New Zealand	2008	44.08.31.90.39	(see accompanying notes)	0 R	4745
New Zealand	2008	44.08.39.90.09		1	47
New Zealand	2008	44.08.39.90.29		0 R	5879
New Zealand	2008	44.08.39.90.43		0 R	1148
New Zealand	2008	44.08.39.90.61		1	192
New Zealand	2008	44.08.39.90.69		0 R	3329
New Zealand	2008	44.08.90.08.29		0 R	56
New Zealand	2008	44.08.90.08.39		0 R	110
New Zealand	2008	44.08.90.08.41		0 R	350
Rep. of Korea	2007	44.08.31.30.00	(see accompanying notes)	0 R	10588
Rep. of Korea	2007	44.08.31.90.11		15	424
Rep. of Korea	2007	44.08.31.90.12		0 R	2935
Rep. of Korea	2007	44.08.31.90.21		1	234
Rep. of Korea	2007	44.08.39.90.11		0 R	5873
Rep. of Korea	2007	44.08.39.90.12		0 R	4831
Rep. of Korea	2007	44.08.39.90.19		0 R	3869
Rep. of Korea	2007	44.08.39.90.31		0 R	2702
Rep. of Korea	2007	44.08.39.90.32		0 R	6845
Rep. of Korea	2007	44.08.39.90.59		0 R	11490
Rep. of Korea	2007	44.08.39.60.00			
Rep. of Korea	2007	44.08.39.90.91			
Rep. of Korea	2007	44.08.39.90.92			
Rep. of Korea	2007	44.08.39.90.99		144	417
Rep. of Korea	2007	44.08.90.99.12			
Rep. of Korea	2007	44.08.90.99.13			
Rep. of Korea	2007	44.08.90.99.19			
Rep. of Korea	2008	44.08.31.30.00	(see accompanying notes)	0 R	723
Rep. of Korea	2008	44.08.31.90.11		10	612
Rep. of Korea	2008	44.08.31.90.12		0 R	6438
Rep. of Korea	2008	44.08.31.90.22		0 R	4489
Rep. of Korea	2008	44.08.39.90.11		0 R	7329
Rep. of Korea	2008	44.08.39.90.12		0 R	7055
Rep. of Korea	2008	44.08.39.90.19		0 R	4646
Rep. of Korea	2008	44.08.39.90.22		0 R	9274
Rep. of Korea	2008	44.08.39.90.29		0 R	16692

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 m^3	Avg. Price $/$m^3$
Rep. of Korea	2008	44.08.39.90.31		0 R	5440
Rep. of Korea	2008	44.08.39.90.32		0 R	3177
Rep. of Korea	2008	44.08.39.90.51		0 R	2480
Rep. of Korea	2008	44.08.39.90.52		0 R	19891
Rep. of Korea	2008	44.08.39.90.59		0 R	8219
Rep. of Korea	2008	44.08.39.60.00			
Rep. of Korea	2008	44.08.39.90.91		76	525
Rep. of Korea	2008	44.08.39.90.92			
Rep. of Korea	2008	44.08.39.90.99			
EU					
Finland	2007	44.08.90.85.00	(see accompanying notes)	0 R	5731
Finland	2007	44.08.90.95.00		0 R	3291
Finland	2007	44.08.30.00.00		1	2313
Finland	2008	44.08.30	(see accompanying notes)	1	4834
Finland	2008	44.08.90		0 R	1916
France	2007	*Shorea rugosa*	meranti bakau		
France	2007	*Shorea* spp.	dark red meranti	1	1178
France	2007	*Shorea* spp.	light red meranti		
France	2007	*Parashorea* spp., *Pentacme* spp.	white lauan		
France	2007	*Entandrophragma utile*	sipo		
France	2007	*Terminalia superba*	limba		
France	2007	*Aucouméa klainéa*	okoumé	90	1178
France	2007	*Khaya* spp.	acajou		
France	2007	*Entandrophragma cylindricum*	sapelli		
France	2007	*Swietenia* spp.	mahogany		
France	2007	*Dalbergia decipularis*	palissandre de rose		
France	2007		others	9	1178
France	2008	*Shorea rugosa*	meranti bakau		
France	2008	*Shorea* spp.	dark red meranti	0 R	1273
France	2008	*Shorea* spp.	light red meranti		
France	2008	*Parashorea* spp., *Pentacme* spp.	white lauan		
France	2008	*Entandrophragma utile*	sipo		
France	2008	*Terminalia superba*	limba		
France	2008	*Aucouméa klainéa*	okoumé	77	1273
France	2008	*Khaya* spp.	acajou		
France	2008	*Entandrophragma cylindricum*	sapelli		
France	2008	*Swietenia* spp.	mahogany		
France	2008	*Dalbergia decipularis*	palissandre de rose		
Germany	2007	44.08.39.15	(see accompanying notes)	0 R	3224
Germany	2007	44.08.39.21		0 R	--
Germany	2007	44.08.39.31		2	2098
Germany	2007	44.08.39.35		1	1769
Germany	2007	44.08.39.55		0 R	4231
Germany	2007	44.08.39.70		2	1454
Germany	2007	44.08.39.85		6	2630
Germany	2007	44.08.39.95		24	491
Poland	2007	44.08.39.31	(see accompanying notes)	1	4157
Poland	2007	44.08.39.55		0 R	4161
Poland	2007	44.08.39.85		0 R	3694
Poland	2008	44.08.39.31	(see accompanying notes)	0 R	3048
Poland	2008	44.08.39.85		0 R	3784
Portugal	2007	*Khaya* spp.	acajou d'afrique		
Portugal	2007	*Shorea* spp.	dark red meranti	0 R	1107
Portugal	2007	*Shorea* spp.	light red meranti		
Portugal	2007	*Parashorea* spp., *Pentacme* spp.	white lauan		
Portugal	2007		others	6 I	233
Portugal	2008	*Khaya* spp.	acajou d'afrique		
Portugal	2008	*Shorea* spp.	dark red meranti	3	460
Portugal	2008	*Shorea* spp.	light red meranti		
Portugal	2008	*Parashorea* spp., *Pentacme* spp.	white lauan		
Portugal	2008		others	7	1316

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 m^3	Avg. Price $/$m^3$
North Africa					
Egypt	2007	*Lophira* spp.	ekki-eba	3	1286
Egypt	2007	*Pterocarpus soyauxii*	padouk	2	999
Egypt	2007	*Shorea* spp.	dark red meranti	1	2211
Egypt	2007	*Prioria copaifera*	cativo	0 R	5545
Egypt	2007	*Malacantha alnifolia*	afara	0 R	1780
Egypt	2007	*khaya ivorensis*	african mahogany	1	611
North America					
Canada	2007	44.08.31.10.00	(see accompanying notes)	0 R	2975
Canada	2007	44.08.31.90.00		0 R	825
Canada	2007	44.08.39.10.90		0 R	1434
Canada	2007	44.08.39.90.10		2	613
Canada	2007	44.08.39.90.20		0 R	1745
Canada	2007	44.08.39.90.90		4	1140
Canada	2008	44.08.31.90.00	(see accompanying notes)	0 RI	4992
Canada	2008	44.08.39.90.10		0 RI	1909
Canada	2008	44.08.39.90.90		2 I	3773
USA	2007	44.08.31.01.00	(see accompanying notes)	27 I	1154
USA	2007	44.08.39.00.00		4 I	1365
USA	2008	44.08.31.01.00	(see accompanying notes)	7 I	3169
USA	2008	44.08.39.00.00		3 I	1754
PRODUCERS					
Asia-Pacific					
Indonesia	2007	44.08.90.10.00	(see accompanying notes)	0 R	4851
Indonesia	2007	44.08.90.90.00		6	906
Indonesia	2007	44.08.90.10.00	(see accompanying notes)	0 R	2445
Indonesia	2007	44.08.90.90.00		3	1148
Philippines	2007	*Shorea* spp.	tanguile	4	611
Philippines	2007	*Shorea* spp.	white lauan		
Philippines	2007	*Shorea* spp.	dark red meranti	0 R	1085
Philippines	2007	*Shorea* spp.	light red meranti		
Philippines	2008	*Shorea* spp.	tanguile	4	525
Philippines	2008	*Shorea* spp.	white lauan		
Philippines	2008	*Shorea* spp.	dark red meranti	1	758
Philippines	2008	*Shorea* spp.	light red meranti		
Latin America					
Brazil	2007	*Shorea* spp.	dark red meranti	0 R	6974
Brazil	2007	*Cedrella fissilis*	cedro	1	361
Brazil	2007	*Balfourodendron riedelianum*	pau-marfim	2	175
Brazil	2007		others	7	892
Brazil	2008	*Shorea* spp.	dark red meranti	0 R	6497
Brazil	2008	*Cedrella fissilis*	cedro	1	491
Brazil	2008	*Balfourodendron riedelianum*	pau-marfim	3	201
Brazil	2008		others	7	1320
Mexico	2007	44.08.31.01	(see accompanying notes)	1	175
Mexico	2007	44.08.39.01		0 R	--
Mexico	2007	44.08.39.99		2	595
Mexico	2007	44.08.90.99		2	166
Mexico	2008	44.08.39.99	(see accompanying notes)	1 I	825
Mexico	2008	44.08.90.99		1 I	602
Venezuela	2007	*Shorea* spp.	dark red meranti	5	2531
Venezuela	2007	*Shorea* spp.	light red meranti		
Venezuela	2007	*Shorea rugosa*	meranti bakau		

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 m^3	Avg. Price $/$m^3$
CONSUMERS					
Asia-Pacific					
Japan	2007	*Entandrophragma utile*	sipo		
Japan	2007	*Shorea* spp.	dark red meranti	541	548
Japan	2007	*Swietenia macrophylla*	mahogany, etc.		
Japan	2007		others	2068	543
Japan	2008	*Entandrophragma utile*	sipo		
Japan	2008	*Shorea* spp.	dark red meranti	459	545
Japan	2008	*Swietenia macrophylla*	mahogany, etc.		
Japan	2008		others	1914	531
New Zealand	2007	44.12.31.01.10	(see accompanying notes)	1	676
New Zealand	2007	44.12.31.01.19		2	734
New Zealand	2007	44.12.31.09.10		0 R	1563
New Zealand	2007	44.12.31.09.19		1	562
New Zealand	2007	44.12.31.09.39		0 R	687
New Zealand	2007	44.12.94.09.19		0 R	831
New Zealand	2007	44.12.99.01.19		1	801
New Zealand	2007	44.12.99.01.39		0 R	550
New Zealand	2007	44.12.99.09.19		0 R	2690
New Zealand	2007	44.12.99.39.19		0 R	1313
New Zealand	2007	44.12.99.39.39		1 I	4107
New Zealand	2008	44.12.31.01.10	(see accompanying notes)	0 R	794
New Zealand	2008	44.12.31.01.19		2	721
New Zealand	2008	44.12.31.09.29		0 R	1525
New Zealand	2008	44.12.31.09.39		1	908
New Zealand	2008	44.12.94.09.11		0 R	40
New Zealand	2008	44.12.99.01.39		0 R	627
New Zealand	2008	44.12.99.09.19		2	218
New Zealand	2008	44.12.99.39.39		1	61
New Zealand	2008	44.12.99.45.19		0 R	817
Rep. of Korea	2007	44.12.31.10.00	(see accompanying notes)	121	367
Rep. of Korea	2007	44.12.31.20.00		11	351
Rep. of Korea	2007	44.12.31.30.00		177	352
Rep. of Korea	2007	44.12.31.40.00		253	445
Rep. of Korea	2007	44.12.31.50.00		344	349
Rep. of Korea	2007	44.12.31.60.00		88	421
Rep. of Korea	2007	44.12.31.70.00		81	358
Rep. of Korea	2008	44.12.31.10.00	(see accompanying notes)	58	671
Rep. of Korea	2008	44.12.31.20.00		5	519
Rep. of Korea	2008	44.12.31.30.00		94	577
Rep. of Korea	2008	44.12.31.40.00		159	678
Rep. of Korea	2008	44.12.31.50.00		219	479
Rep. of Korea	2008	44.12.31.60.00		48	648
Rep. of Korea	2008	44.12.31.70.00		35	580
Rep. of Korea	2008	44.12.94.10.00		23	758
Rep. of Korea	2008	44.12.94.20.00		35	384
Rep. of Korea	2008	44.12.99.10.11			
Rep. of Korea	2008	44.12.99.20.10		24.6546	706
Rep. of Korea	2008	44.12.99.20.90			
EU					
Finland	2007	44.12.32.00	(see accompanying notes)	0 R	429
Finland	2007	44.12.99.70		0 R	539
Finland	2007	44.12.31.10		0 R	2274
Finland	2007	44.12.31.90		1	1529
France	2007	*Shorea* spp.	meranti		
France	2007	*Shorea* spp.	lauan		
France	2007	*Entandrophragma utile*	sipo		
France	2007	*Terminalia superba*	limba		
France	2007	*Triplochyton scleroxylon*	obéché		
France	2007	*Aucoumea klaineana*	okoumé	35	748
France	2007	*Khaya* spp.	acajou		
France	2007	*Entandrophragma cylindricum*	sapelli		
France	2007	*Dialianthera* spp.	virola		
France	2007	*Swietenia* spp.	mahogany		
France	2007	*Dalbergia decipularis*	palissandre de rose		
France	2007		others	106	748

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 m^3	Avg. Price $/$m^3$
Germany	2007	44.12.13.10	(see accompanying notes)	33	1189
Germany	2007	44.12.13.90		107	748
Norway	2007	44.12.31.01	(see accompanying notes)	7	556
Norway	2007	44.12.31.09		3	619
Poland	2007	44.12.31.10	(see accompanying notes)	2	965
Poland	2007	44.12.31.90		4	1643
Poland	2008	44.12.31.10	(see accompanying notes)	3	1012
Poland	2008	44.12.31.90		4	1500
Portugal	2007	*Khaya* spp.	acajou d'afrique		
Portugal	2007	*Shorea* spp.	dark red meranti	4	981
Portugal	2007	*Shorea* spp.	light red meranti		
Portugal	2007	*Parashorea* spp., *Pentacme* spp.	white lauan		
Portugal	2007		others	4 I	121
Portugal	2008	*Khaya* spp.	acajou d'afrique		
Portugal	2008	*Shorea* spp.	dark red meranti	1	1583
Portugal	2008	*Shorea* spp.	light red meranti		
Portugal	2008	*Parashorea* spp., *Pentacme* spp.	white lauan		
Portugal	2008		others	10	800
North Africa					
Egypt	2007	*Prioria copaifera*	cativo	0 R	115
North America					
Canada	2007	44.12.31.10.00	(see accompanying notes)	15	157
Canada	2007	44.12.31.90.13		2	275
Canada	2007	44.12.31.90.19		19	348
Canada	2007	44.12.31.90.90		13	428
Canada	2007	44.12.32.10.90		0 R	327
Canada	2007	44.12.32.90.19		10	479
Canada	2007	44.12.32.90.90		5	1098
Canada	2007	44.12.94.10.19		0 R	232
Canada	2007	44.12.94.90.11		1	437
Canada	2007	44.12.94.90.21		1 I	473
Canada	2007	44.12.94.90.29		0 RI	253
Canada	2007	44.12.94.90.99		0 R	138
Canada	2007	44.12.99.10.19		0 R	260
Canada	2007	44.12.99.90.11		5	259
Canada	2007	44.12.99.90.19		0 R	466
Canada	2007	44.12.99.90.31		3	470
Canada	2007	44.12.99.90.39		3	478
Canada	2007	44.12.99.90.41		0 R	404
Canada	2007	44.12.99.90.49		0 R	520
Canada	2007	44.12.99.90.91		1 I	1423
Canada	2007	44.12.99.90.99		5	237
Canada	2008	44.12.31.10.00	(see accompanying notes)	3	286
Canada	2008	44.12.31.90.13		0 R	355
Canada	2008	44.12.31.90.19		17	226
Canada	2008	44.12.31.90.90		29	208
Canada	2008	44.12.32.10.90		9 I	517
Canada	2008	44.12.32.90.19		12	262
Canada	2008	44.12.32.90.90		6	943
Canada	2008	44.12.94.10.19		1 I	750
Canada	2008	44.12.94.90.39		0 R	239
Canada	2008	44.12.94.90.99		0 R	137
Canada	2008	44.12.99.10.19		0 RI	1240
Canada	2008	44.12.99.90.11		0 R	321
Canada	2008	44.12.99.90.19		0 R	144
Canada	2008	44.12.99.90.21		0 R	729
Canada	2008	44.12.99.90.31		1	312
Canada	2008	44.12.99.90.39		5 I	774
Canada	2008	44.12.99.90.49		0 R	386
Canada	2008	44.12.99.90.99		10 I	342

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 m^3	Avg. Price $/$m^3$
USA	2007	44.12.31.00.00	(see accompanying notes)	124 I	469
USA	2007	44.12.31.05.20		37	456
USA	2007	44.12.31.40.40		10	367
USA	2007	44.12.31.40.50		21	389
USA	2007	44.12.31.40.60		71 I	431
USA	2007	44.12.31.40.70		124	783
USA	2007	44.12.31.51.30		0 R	589
USA	2007	44.12.31.51.50		1	2243
USA	2007	44.12.31.51.60		24	423
USA	2007	44.12.31.51.70		42	640
USA	2007	44.12.31.60.00		40	415
USA	2007	44.12.32.31.40		3	979
USA	2007	44.12.32.31.50		19	1857
USA	2007	44.12.32.31.60		395	454
USA	2007	44.12.32.31.70		286	951
USA	2008	44.12.31.00.00	(see accompanying notes)	74 I	506
USA	2008	44.12.31.05.20		18	657
USA	2008	44.12.31.40.40		5	862
USA	2008	44.12.31.40.50		9	585
USA	2008	44.12.31.40.60		43 I	473
USA	2008	44.12.31.40.70		40	1001
USA	2008	44.12.31.51.30		0 R	2428
USA	2008	44.12.31.51.50		1	2687
USA	2008	44.12.31.51.60		11	591
USA	2008	44.12.31.51.70		56	280
USA	2008	44.12.31.60.00		17	402
USA	2008	44.12.32.31.40		4	983
USA	2008	44.12.32.31.50		42	1087
USA	2008	44.12.32.31.60		266	542
USA	2008	44.12.32.31.70		181	1188
PRODUCERS					
Asia-Pacific					
Philippines	2007	*Shorea* spp.	lauan	0 R	689
Philippines	2007	*Shorea* spp.	tanguile		
Philippines	2007		others	1	378
Philippines	2008	*Shorea* spp.	lauan	0 R	860
Philippines	2008	*Shorea* spp.	tanguile		
Philippines	2008		others	1	311
Latin America					
Brazil	2007		others	0 R	290
Brazil	2008		others	0 R	766
Mexico	2007	44.12.13.01	(see accompanying notes)	47	662
Mexico	2007	44.12.13.99		9	827
Mexico	2007	44.12.22.01		7	526
Mexico	2007	44.12.23.99		2	803
Mexico	2007	44.12.29.99		5	715

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

Country	Year	Latin Name or HS Code	Pilot Name/Local Name	Volume 1000 m^3	Avg. Price $/$m^3$
PRODUCERS					
Africa					
Ghana	2007	*Tectona grandis*	teak	75	271
Ghana	2008	*Tectona grandis*	teak	86	258
Liberia	2008	*Lophira alata*	ekki	1	194
Asia-Pacific					
Indonesia	2007	44.03.99.90.90	(see accompanying notes)	3	76
Latin America					
Brazil	2007		others	6	197
Brazil	2008		others	13	222
Guyana	2007	*Chlorocardium rodiei*	greenheart	49	132
Guyana	2007	*Swartzia* spp.	wamara	15	111
Guyana	2007	*Mora excelsa*	mora	13	109
Guyana	2007	*Goupia glabra*	kabukalli	8	110
Guyana	2007	*Manilkara bidentata*	bulletwood	5	103
Guyana	2007	*Hymenolobium* spp.	darina	4	98
Guyana	2007	*Aspidosperma* spp.	shibadan	4	116
Guyana	2007	*Eperua falcata*	wallaba	4	192
Guyana	2008	*Chlorocardium rodiei*	greenheart	21	169
Guyana	2008	*Swartzia* spp.	wamara	11	128
Guyana	2008	*Mora excelsa*	mora	3	117
Guyana	2008	*Goupia glabra*	kabukalli	4	129
Guyana	2008	*Manilkara bidentata*	bulletwood	3	133
Guyana	2008	*Hymenolobium* spp.	darina	3	124
Guyana	2008	*Aspidosperma* spp.	shibadan	2	127
Guyana	2008	*Eperua falcata*	wallaba	2	254
Mexico	2007	44.03.49.99	(see accompanying notes)	0 R	435
Mexico	2007	44.03.99.99		1	510
Mexico	2008	44.03.49.99	(see accompanying notes)	1	862
Mexico	2008	44.03.99.99		2 I	480
Suriname	2007	*Dicorynia guianensis*	basralocus	5	166
Suriname	2007	*Qualea spp*	gronfolo	1	120
Suriname	2007	*Peltogyne venosa*	purperhart	2	119
Suriname	2007	*Vatairea guianensis*	gele kabbes	1	128
Suriname	2007	*Tabebuia serratifolia*	groenhart	0 R	129
Suriname	2007	*Andria spp*	rode kabbes	0 R	133
Suriname	2007	*Hymenaea courbaril*	rode locus	0 R	120
Suriname	2007	*Brosimum guianense*	letterhout	0 R	2989
Suriname	2007		others	4	129
Suriname	2008	*Dicorynia guianensis*	basralocus	9	144
Suriname	2008	*Qualea spp*	gronfolo	2	121
Suriname	2008	*Peltogyne venosa*	purperhart	1	122
Suriname	2008	*Vatairea guianensis*	gele kabbes	1	141
Suriname	2008	*Tabebuia serratifolia*	groenhart	1	113
Suriname	2008	*Andria spp*	rode kabbes	1	120
Suriname	2008	*Hymenaea courbaril*	rode locus	1	120
Suriname	2008	*Brosimum guianense*	letterhout	0 R	3024
Suriname	2008		others	14	41
CONSUMERS					
Asia-Pacific					
Japan	2007		others	1	702
Japan	2008		others	1	963
New Zealand	2007	44.03.40	(see accompanying notes)	0 R	1156
New Zealand	2007	44.03.99.95		0 R	322
New Zealand	2008	44.03.40	(see accompanying notes)	0 R	391
Rep. of Korea	2008	44.03.41.00.00	(see accompanying notes)	0 R	1684

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

Country	Year	Latin Name or HS Code	Pilot Name/Local Name	Volume 1000 m^3	Avg. Price $/$m^3$
EU					
Finland	2007	44.03.49.95	(see accompanying notes)	0 R	1408
France	2007	*Shorea negrosensis*	dark red meranti		
France	2007	*Shorea* spp.	light red meranti	0 R	823
France	2007	*Shorea rugosa*	meranti bakau		
France	2007	*Chlorophora* spp.	iroko		
France	2007	*Entrandrophragma cylindricum*	sapele	2	823
France	2007	*Khaya* spp.	acajou d'afrique		
France	2007	*Aucoumea klaineana*	okoumé	0 R	823
France	2007	*Entandrophragma utile*	sipo	0 R	823
France	2007		others	11	823
France	2008	*Shorea negrosensis*	dark red meranti		
France	2008	*Shorea* spp.	light red meranti	0 R	925
France	2008	*Shorea rugosa*	meranti bakau		
France	2008	*Chlorophora* spp.	iroko		
France	2008	*Entrandrophragma cylindricum*	sapele	2	925
France	2008	*Khaya* spp.	acajou d'afrique		
France	2008	*Entandrophragma utile*	sipo	0 R	925
France	2008		others	5	925
Germany	2007	44.03.49.10	(see accompanying notes)	7	706
Germany	2007	44.03.49.20		0 R	512
Germany	2007	44.03.49.40		3	767
Germany	2007	44.03.49.95		13	701
Netherlands	2007	*Shorea* spp.	meranti	1	1038
Netherlands	2007	*Entandrophragma utile*	sipo	0 R	1246
Netherlands	2007		others	3	913
Netherlands	2008	*Entandrophragma utile*	sipo	0 R	1246
Netherlands	2008		others	3	348
Portugal	2007	*Entandrophragma cylindricum*	sapelli		
Portugal	2007	*Khaya* spp.	acajou d'afrique	2	684
Portugal	2007	*Chlorophora* spp.	iroko		
Portugal	2007	*Entandrophragma utile Sprague*	Sipo	0 R	333
Portugal	2007		others	0 R	333
Portugal	2008	*Entandrophragma cylindricum*	sapelli		
Portugal	2008	*Khaya* spp.	acajou d'afrique	1 R	1695
Portugal	2008	*Chlorophora* spp.	iroko		
Portugal	2008		others	0 R	431
North Africa					
Egypt	2007	*Shorea negrosensis*	dark red meranti	1	361
Egypt	2007	*Prioria copaifera*	cativo	0 R	404
Egypt	2007	*Lophira* spp.	azobe	0 R	340
Egypt	2007	*Bucida buceras*	caracoli	0 R	1624
Egypt	2007	*Malacantha alnifolia*	afara	0 R	327
North America					
Canada	2007	4403.49.00	(see accompanying notes)	0 R	724
Canada	2007	4403.99.90		0 R	502
Canada	2008	4403.99.90	(see accompanying notes)	1 R	1723
USA	2007	44.03.41.00.00	(see accompanying notes)	0 R	505
USA	2007	44.03.49.00.00		2	395
USA	2008	44.03.41.00.00	(see accompanying notes)	0 R	272
USA	2008	44.03.49.00.00		2	434

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 m^3	Avg. Price $/$m^3$
PRODUCERS					
Africa					
Ghana	2007	*Triplochiton scleroxylon*	ceiba/obeche	67	398
Ghana	2007	*Tectona grandis*	teak	45	395
Ghana	2007	*Termnalia superba*	ofram	18	358
Ghana	2007	*Khaya ivorensis*	mahogany	15	878
Ghana	2007	*Chlorophora excelsa*	odum	6	978
Ghana	2007	*Pterygota macrocarpa*	koto/kyere	5	593
Ghana	2007	*Entandrophragma cylindricum*	sapele	5	864
Ghana	2007	*Tieghella Heckelii*	makore	2	733
Ghana	2007		other species (40 in 2007)	17	538
Ghana	2008	*Triplochiton scleroxylon*	ceiba/obeche	57 I	411
Ghana	2008	*Tectona grandis*	teak	34	368
Ghana	2008	*Termnalia superba*	ofram	18	351
Ghana	2008	*Khaya ivorensis*	mahogany	13	884
Ghana	2008	*Chlorophora excelsa*	odum	5	939
Ghana	2008	*Pterygota macrocarpa*	koto/kyere	6	639
Ghana	2008	*Entandrophragma cylindricum*	sapele	3	839
Ghana	2008	*Tieghella Heckelii*	makore	2	847
Ghana	2008		other species (43 in 2008)	17	498
Liberia	2008	*Hevea brasiliensis*	Rubber wood	0 R	212
Asia-Pacific					
Indonesia	2007	44.07.25.10.00	(see accompanying notes)	10	606
Indonesia	2007	44.07.29.11.00		1	821
Indonesia	2007	44.07.29.31.00		1	309
Indonesia	2007	44.07.99.99.90		26	462
Indonesia	2008	44.07.25.10.00	(see accompanying notes)	5	838
Indonesia	2008	44.07.29.31.00		0 R	365
Indonesia	2008	44.07.29.99.00		0 R	1145
Indonesia	2008	44.07.99.99.90		31	514
Philippines	2007	*Dialianthera* spp.	virola	0 R	310
Philippines	2007	*Ochroma lagopus*	balsa		
Philippines	2008	*Dialianthera* spp.	virola	0 R	714
Philippines	2008	*Ochroma lagopus*	balsa		
Latin America					
Brazil	2007	*Virola* spp.	virola/imbuia	5	493
Brazil	2007	*Cedrella* spp.	cedro	21	688
Brazil	2007	*Tabebuia* spp.	ipe	176	548
Brazil	2007	*Balfourodendron riedelianum*	pau marfim	0 R	413
Brazil	2007	*Nectandra* spp./ *Ocotea* spp.	louro	16	343
Brazil	2007	*Senna* spp./ *Peltophorum* spp.	canafistula	0 R	635
Brazil	2007	*Khaya ivorensis*	mahogony	1	838
Brazil	2007	*Anadenanthera* spp.	angico preto	0 R	491
Brazil	2007	*Aspidospema* spp./ *Paratecom* a spp.	peroba	1	643
Brazil	2007	*Parashorea* spp./ *Pentacme* spp.	white louan	1	205
Brazil	2007	*Myroxylo* n spp.	cabreuva parda	0 R	230
Brazil	2007		others	1478	370
Brazil	2008	*Virola* spp.	virola/imbuia	1	523
Brazil	2008	*Cedrella* spp.	cedro	13	821
Brazil	2008	*Tabebuia* spp.	ipe	124	659
Brazil	2008	*Balfourodendron riedelianum*	pau marfim	0 R	562
Brazil	2008	*Nectandra* spp./ *Ocotea* spp.	louro	16	415
Brazil	2008	*Senna* spp./ *Peltophorum* spp.	canafistula	0 R	729
Brazil	2008		others	874	430
Guyana	2007	*Chlorocardium rodiei*	greenheart	14	525
Guyana	2007	*Mora excelsa*	mora	4	360
Guyana	2007	*Goupia glabra*	kabukalli	3	413
Guyana	2007	*Hymenaea courbaril*	locust	3	599
Guyana	2007	*Carapa guianensis*	crabwood	1	541
Guyana	2007	*Parinari campestris*	burada	1	370
Guyana	2007	*Manilkara bidentata*	bulletwood	1	433
Guyana	2007	*Hymenolobium* spp.	darina	1	391

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 m^3	Avg. Price $/$m^3$
Guyana	2008	*Chlorocardium rodiei*	greenheart	14	599
Guyana	2008	*Mora excelsa*	mora	6	390
Guyana	2008	*Goupia glabra*	kabukalli	4	466
Guyana	2008	*Hymenaea courbaril*	locust	3	646
Guyana	2008	*Carapa guianensis*	crabwood	1	542
Guyana	2008	*Parinari campestris*	burada	1	409
Guyana	2008	*Manilkara bidentata*	bulletwood	1	441
Guyana	2008	*Hymenolobium* spp.	darina	0 R	469
Mexico	2007	44.03.29.03	(see accompanying notes)	1	1448
Mexico	2007	44.07.29.99		4 I	815
Mexico	2008	44.07.29.99	(see accompanying notes)	5 I	749
Suriname	2007	*Dicorynia guianensis*	basralocus	2	302
Suriname	2007	*Humiria balamifera*	meri	1	257
Suriname	2007	*Vatairea guianensis*	gele kabbes	1	343
Suriname	2007	*Tabebuia serratifolia*	groenhart	0 R	335
Suriname	2007	*Qualea* spp.	gronfolo	0 R	487
Suriname	2007	*Manilkara bidentata*	bolletrie	0 R	337
Suriname	2007	*Tabebuia capitata*	makagrin	1	252
Suriname	2007	*Goupia glabra*	kopi	0 R	35
Suriname	2007		others	3	151
Suriname	2008	*Dicorynia guianensis*	basralocus	2	321
Suriname	2008	*Humiria balamifera*	meri	2	262
Suriname	2008	*Vatairea guianensis*	gele kabbes	1	170
Suriname	2008	*Tabebuia serratifolia*	groenhart	0 R	339
Suriname	2008	*Qualea* spp.	gronfolo	0 R	325
Suriname	2008	*Manilkara bidentata*	bolletrie	0 R	326
Suriname	2008	*Tabebuia capitata*	makagrin	0 R	326
Suriname	2008	*Goupia glabra*	kopi	0 R	343
Suriname	2008		others	1	287
Trinidad and Tobago	2008	*Cedral oderata*	caribbean cedar	0 R	1296
	2008		others	0 R	1286
Venezuela	2007	*Virolla* spp.	virola		
Venezuela	2007	*Swietenia* spp.	mahogany		
Venezuela	2007	*Ocotea* spp.	imbuia		
Venezuela	2007	*Ochroma lagopus*	balsa	0 R	135
Venezuela	2007	*Shorea* spp.	dark red meranti		
Venezuela	2007	*Shorea* spp.	light red meranti		
Venezuela	2007	*Shorea* spp.	meranti bakau		
CONSUMERS					
Asia-Pacific					
Japan	2007	*Parashorea* spp.	white seraya		
Japan	2007	*Parashorea* spp., *Pentacme* spp.	white lauan		
Japan	2007	*Shorea albida*	alan	1	874
Japan	2007	*Shorea* spp.	white meranti		
Japan	2007	*Shorea* spp.	yellow meranti		
Japan	2007		others	0 R	1438
New Zealand	2007	44.07.29.10.09	(see accompanying notes)	0 R	369
New Zealand	2007	44.07.29.10.10		0 R	5292
New Zealand	2007	44.07.29.10.27		0 R	876
New Zealand	2007	44.07.29.10.39		0 R	1813
New Zealand	2007	44.07.29.90.01		0 R	3869
New Zealand	2008	44.07.29.10.10	(see accompanying notes)	0	1195
New Zealand	2008	44.07.29.10.19		0	347
New Zealand	2008	44.07.29.10.27		0	1063
New Zealand	2008	44.07.29.90.10		0	2462
Rep. of Korea	2007	44.07.29.10.00	(see accompanying notes)	0 R	439
Rep. of Korea	2007	44.07.29.30.00		0 R	369
Rep. of Korea	2007	44.07.29.90.00		2	474
Rep. of Korea	2007	44.07.99.90.10			
Rep. of Korea	2008	44.07.26.00.00	(see accompanying notes)	0 R	248
Rep. of Korea	2008	44.07.29.10.00		0 R	1024
Rep. of Korea	2008	44.07.29.90.00		1	889
Rep. of Korea	2008	44.07.99.90.10			

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 m^3	Avg. Price $/$m^3$
EU					
Finland	2007	44.07.20	(see accompanying notes)	3	757
Finland	2007	44.07.99.96		0 R	1000
Finland	2008	44.07.20	(see accompanying notes)	2	793
Finland	2008	44.07.99.96		0 R	1147
France	2007	*Dialianthera* spp.	virola		
France	2007	*Swietenia* spp.	mahogany	0 R	896
France	2007	*Ochroma lagopus*	balsa		
France	2007	*Phoebe porosa*	imbuia		
France	2007	*Shorea rugosa*	meranti bakau		
France	2007	*Shorea* spp.	dark red meranti	0 R	896
France	2007	*Shorea* spp.	light red meranti		
France	2007	*Parashorea* spp.	white seraya		
France	2007	*Parashorea* spp., *Pentacme* spp.	white lauan		
France	2007	*Shorea albida*	alan	0 R	896
France	2007	*Shorea* spp.	white meranti		
France	2007	*Shorea* spp.	yellow meranti		
France	2007		others	33	896
France	2008	*Dialianthera* spp.	virola		
France	2008	*Swietenia* spp.	mahogany	0 R	1029
France	2008	*Ochroma lagopus*	balsa		
France	2008	*Phoebe porosa*	imbuia		
France	2008	*Shorea rugosa*	meranti bakau		
France	2008	*Shorea* spp.	dark red meranti	0 R	1029
France	2008	*Shorea* spp.	light red meranti		
France	2008		others	24	1029
Germany	2007	44.07.21.99	(see accompanying notes)	2	1638
Germany	2007	44.07.22.10		0 R	6022
Germany	2007	44.07.22.91		0 R	821
Germany	2007	44.07.22.99		0 R	2354
Germany	2007	44.07.25.10		0 R	1574
Germany	2007	44.07.25.30		2	1241
Germany	2007	44.07.25.90		8	1150
Germany	2007	44.07.26.10		1	754
Germany	2007	44.07.26.30		0 R	1349
Germany	2007	44.07.26.50		0 R	958
Germany	2007	44.07.26.90		1	774
Germany	2007	44.07.27.10		0 R	836
Germany	2007	44.07.27.99		19	1023
Germany	2007	44.07.28.10		0 R	857
Germany	2007	44.07.28.99		3	1092
Germany	2007	44.07.29.15		0 R	1335
Germany	2007	44.07.29.20		0 R	1038
Germany	2007	44.07.29.25		1	1056
Germany	2007	44.07.29.61		5	661
Germany	2007	44.07.29.68		27	1157
Germany	2007	44.07.29.83		0 R	1854
Germany	2007	44.07.29.95		22	948
Netherlands	2007	*Lophira* spp.	azobe	33	837
Netherlands	2007	*Milicia excelsa*	iroko	1	1072
Netherlands	2007	*Entandrophragma cylindricum*	sapelli	1	917
Netherlands	2007	*Swietenia* spp.	mahogany	3	691
Netherlands	2007	*Shorea* spp.	meranti	6	1449
Netherlands	2007	*Dialianthera* spp.	virola	0 R	671
Netherlands	2007		others	44	1446
Netherlands	2008	*Lophira* spp.	azobe	24	1132
Netherlands	2008	*Milicia excelsa*	iroko	1	872
Netherlands	2008	*Entandrophragma cylindricum*	sapelli	3	1117
Netherlands	2008	*Shorea* spp.	meranti	4	1228
Netherlands	2008		others	53	1428

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 m^3	Avg. Price $/$m^3$
Poland	2007	44.07.99.96	(see accompanying notes)	1	737
Poland	2007	44.07.25.90		1	1728
Poland	2007	44.07.29.95		0 R	418
Poland	2007	44.07.29.83		1	2865
Poland	2008	44.07.25.90	(see accompanying notes)	1	1645
Poland	2008	44.07.29.95		4	331
Poland	2008	44.07.29.68		0 R	994
Poland	2008	44.07.29.83		1	1792
Portugal	2007	*Swietenia* spp.	mahogany	3	99
Portugal	2007	*Shorea rugosa*	meranti bakau		
Portugal	2007	*Shorea* spp.	dark red meranti	0 R	1107
Portugal	2007	*Shorea* spp.	light red meranti		
Portugal	2007	*Parashorea* spp.	white seraya		
Portugal	2007	*Parashorea* spp., *Pentacme* spp.	white lauan		
Portugal	2007	*Shorea albida*	alan	0 R	580
Portugal	2007	*Shorea* spp.	white meranti		
Portugal	2007	*Shorea* spp.	yellow meranti		
Portugal	2007	Entandrophragma cylindricum	Sapelli	0 R	548
Portugal	2007	Chlorophora excelsa	Iroko	0 R	628
Portugal	2007		others	10	493
Portugal	2008	*Swietenia* spp.	mahogany	0 R	855
Portugal	2008	*Virola* spp.	virola		
Portugal	2008	*Phoebe porosa*	imbua	0 RI	423
Portugal	2008	*Ochroma* spp.	balsa		
Portugal	2008	*Shorea rugosa*	meranti bakau		
Portugal	2008	*Shorea* spp.	dark red meranti	0 R	795
Portugal	2008	*Shorea* spp.	light red meranti		
Portugal	2008	*Parashorea* spp.	white seraya		
Portugal	2008	*Parashorea* spp., *Pentacme* spp.	white lauan		
Portugal	2008	*Shorea albida*	alan	0 R	741
Portugal	2008	*Shorea* spp.	white meranti		
Portugal	2008	*Shorea* spp.	yellow meranti		
Portugal	2008	Entandrophragma cylindricum	Sapelli	1	193
Portugal	2008	Chlorophora excelsa	Iroko	0 R	896
Portugal	2008		others	9	603
North America					
Canada	2007	44.07.21.00	(see accompanying notes)	0 R	624
Canada	2007	44.07.26.00		0 R	1009
Canada	2007	44.07.29.00		0 R	2233
Canada	2008	44.07.99.90	(see accompanying notes)	0 R	1775
USA	2007	44.07.25.00.00	(see accompanying notes)	1	766
USA	2007	44.07.26.00.00		1	302
USA	2007	44.07.29.00.00		9	572
USA	2007	44.07.26.00.00	(see accompanying notes)	2	283
USA	2007	44.07.29.00.00		3	767

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 m^3	Avg. Price $/$m^3$
PRODUCERS					
Africa					
Ghana	2007	*Ceiba pentandra*	Ceiba	27	350
Ghana	2007	*Aningeria spp*	Asanfina	12	1182
Ghana	2007	*Entandrophragma cylindricum*	Sapele	4	1210
Ghana	2007	*Khaya ivorensis*	Mahogany	4	2341
Ghana	2007	*Antiaris africana*	Chenchen	4	695
Ghana	2007	*Pterygota macrocarpa*	Koto/Kyere	3	934
Ghana	2007	*Celtis mildbraedii; C. zenkeris*	Essa	3	365
Ghana	2007	*Tieghemella heckelii*	Makore	3	1414
Ghana	2007		Other species (32 in 2007)	7	859
Ghana	2008	*Ceiba pentandra*	Ceiba	25	368
Ghana	2008	*Aningeria spp*	Asanfina	12	1273
Ghana	2008	*Entandrophragma cylindricum*	Sapele	4	1148
Ghana	2008	*Khaya ivorensis*	Mahogany	4	1799
Ghana	2008	*Antiaris africana*	Chenchen	4	655
Ghana	2008	*Pterygota macrocarpa*	Koto/Kyere	4	741
Ghana	2008	*Celtis mildbraedii; C. zenkeris*	Essa	5	329
Ghana	2008	*Tieghemella heckelii*	Makore	3	1463
Ghana	2008		Other species (28 in 2008)	8	806
Asia-Pacific					
Indonesia	2007	44.08.90.10.00	(see accompanying notes)	1	497
Indonesia	2007	44.08.90.90.00		1	1668
Indonesia	2008	44.08.90.10.00		2	447
Indonesia	2008	44.08.90.90.00		2	1848
Philippines	2007	*Shorea* spp.	tanguile	6	566
Philippines	2007	*Shorea* spp.	white lauan		
Philippines	2008	*Shorea* spp.	tanguile	3	556
Philippines	2008	*Shorea* spp.	white lauan		
Latin America					
Brazil	2007	*Shorea* spp.	dark red meranti	0 R	1712
Brazil	2007	*Cedrella fissilis*	cedro	1	1473
Brazil	2007	*Balfourodendron riedelianum*	pau-marfim	0 RI	2938
Brazil	2007		others	161	405
Brazil	2008	*Shorea* spp.	dark red meranti	0 R	2722
Brazil	2008	*Cedrella fissilis*	cedro	1	1789
Brazil	2008	*Balfourodendron riedelianum*	pau-marfim	0 R	1993
Brazil	2008		others	40	1020
Mexico	2007	44.08.90.99	(see accompanying notes)	0 RI	1050
Mexico	2008	44.08.39.99	(see accompanying notes)	0 RI	310
Mexico	2008	44.08.90.99		0 RI	1410
CONSUMERS					
Asia-Pacific					
Japan	2007		others	1	955
New Zealand	2007	44.08.31.90.29	(see accompanying notes)	0 R	76
New Zealand	2007	44.08.39.10.09		0 R	865
New Zealand	2007	44.08.39.90.09		0 R	32
Rep. of Korea	2007	44.08.39.90.19	(see accompanying notes)	0 R	9,393
Rep. of Korea	2007	44.08.39.90.59		0 R	12,396
Rep. of Korea	2007		others	0 R	2,108
Rep. of Korea	2008	44.08.31.90.12	(see accompanying notes)	0 R	5,548
Rep. of Korea	2008	44.08.39.90.59		0 R	16,790
Rep. of Korea	2008	44.08.39.60.00		0 R	3,145
Rep. of Korea	2008	44.08.39.90.91			
Rep. of Korea	2008	44.08.39.90.92			
Rep. of Korea	2008	44.08.39.90.99			

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 m^3	Avg. Price $/$m^3$
EU					
Finland	2007	44.08.30	(see accompanying notes)	0 R	2905
France	2007	*Shorea rugosa*	meranti bakau	0 R	2307
France	2007	*Shorea* spp.	dark red meranti		
France	2007	*Shorea* spp.	light red meranti		
France	2007	*Parashorea* spp., *Pentacme* spp.	white lauan	2	2307
France	2007	*Entandrophragma utile*	sipo		
France	2007	*Terminalia superba*	limba		
France	2007	*Aucouméa klainéa*	okoumé		
France	2007	*Khaya* spp.	acajou		
France	2007	*Entandrophragma cylindricum*	sapelli		
France	2007	*Swietenia* spp.	mahogany		
France	2007	*Dalbergia decipularis*	palissandre de rose		
France	2007		others	1	2307
France	2008	*Shorea rugosa*	meranti bakau	0 R	2098
France	2008	*Shorea* spp.	dark red meranti		
France	2008	*Shorea* spp.	light red meranti		
France	2008	*Parashorea* spp., *Pentacme* spp.	white lauan	2	2098
France	2008	*Entandrophragma utile*	sipo		
France	2008	*Terminalia superba*	limba		
France	2008	*Aucouméa klainéa*	okoumé		
France	2008	*Khaya* spp.	acajou		
France	2008	*Entandrophragma cylindricum*	sapelli		
France	2008	*Swietenia* spp.	mahogany		
France	2008	*Dalbergia decipularis*	palissandre de rose		
Germany	2007	44.08.39.15	(see accompanying notes)	0 R	1451
Germany	2007	44.08.39.31		4	2919
Germany	2007	44.08.39.35		1	2084
Germany	2007	44.08.39.55		1	1874
Germany	2007	44.08.39.85		11	3637
Germany	2007	44.08.39.95		3	1379
Portugal	2007	*Khaya* spp.	acajou d'afrique	0 R	62
Portugal	2007	*Shorea* spp.	dark red meranti		
Portugal	2007	*Shorea* spp.	light red meranti		
Portugal	2007	*Parashorea* spp., *Pentacme* spp.	white lauan		
Portugal	2007		others	6	1163
Portugal	2008	*Khaya* spp.	acajou d'afrique	3	39
Portugal	2008	*Shorea* spp.	dark red meranti		
Portugal	2008	*Shorea* spp.	light red meranti		
Portugal	2008	*Parashorea* spp., *Pentacme* spp.	white lauan		
Portugal	2008		others	7	1124
North America					
Canada	2007	44.08.39.00	(see accompanying notes)	0 R	6575
Canada	2007	44.08.90.99		2	579
Canada	2008	44.08.39.00	(see accompanying notes)	0 R	3458
Canada	2008	44.08.90.99		1	632
USA	2007	44.08.31.00.00	(see accompanying notes)	9 I	1515
USA	2007	44.08.39.00.00		4 I	2073
USA	2008	44.08.31.00.00		1	1686
USA	2008	44.08.39.00.00		3	1695

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 m^3	Avg. Price $/$m^3$
PRODUCERS					
Africa					
Ghana	2007	*Ceiba pentandra*	ceiba	77	330
Ghana	2007	*Antiaris africana*	chenchen	16	397
Ghana	2007	*Khaya ivorensis*	mahogany	10	437
Ghana	2007	*Termnalia superba*	ofram	6	463
Ghana	2007	*Aningeria spp*	asanfina	4	534
Ghana	2007	*Entandrophragma cylindricum*	sapele	1	496
Ghana	2007	*Sequoia sempervirens*	mixed redwood	4	414
Ghana	2007	*Sequoia sempervirens*	mixed whitewood	9	369
Ghana	2007		other species (16 in 2007)	2	477
Ghana	2008	*Ceiba pentandra*	ceiba	87	363
Ghana	2008	*Antiaris africana*	chenchen	16	425
Ghana	2008	*Khaya ivorensis*	mahogany	10	480
Ghana	2008	*Termnalia superba*	ofram	8	508
Ghana	2008	*Aningeria spp*	asanfina	5	512
Ghana	2008	*Entandrophragma cylindricum*	sapele	2	3566
Ghana	2008	*Sequoia sempervirens*	mixed redwood	6	435
Ghana	2008	*Sequoia sempervirens*	mixed whitewood	3	418
Ghana	2008		other species (16 in 2007)	2	505
Asia-Pacific					
Philippines	2007	*Shorea* spp.	lauan	3	394
Philippines	2007	*Shorea* spp.	tanguile		
Philippines	2007		others	0 R	432
Philippines	2008	*Shorea* spp.	lauan	1	483
Philippines	2008	*Shorea* spp.	tanguile		
Philippines	2008		others	3 I	542
Latin America					
Guyana	2007	*Catostemma commune*	baromalli	24	365
Guyana	2008	*Catostemma commune*		16	0
Mexico	2007	44.12.13.01	(see accompanying notes)	0 R	--
Mexico	2007	44.12.13.99		0 R	--
Mexico	2007	44.12.22.01		0 R	--
Mexico	2007	44.12.23.99		0 R	--
Mexico	2007	44.12.29.99		0 R	--
CONSUMERS					
Asia-Pacific					
Japan	2007		others	1	955
New Zealand	2007	44.12.31.01.10	(see accompanying notes)	0 R	1337
New Zealand	2007	44.12.31.01.19		0 R	779
New Zealand	2007	44.12.31.09.19		0 R	1470
New Zealand	2007	44.12.31.09.29		0 R	806
New Zealand	2007	44.12.94.01.10		0 R	1333
New Zealand	2007	44.12.94.01.19		0 R	5496
New Zealand	2007	44.12.94.39.19		0 R	497
New Zealand	2007	44.12.99.01.10		0 R	569
New Zealand	2007	44.12.99.01.39		0 R	4149
New Zealand	2008	44.12.31.01.10	(see accompanying notes)	0 R	965
New Zealand	2008	44.12.31.01.19		0 R	383
New Zealand	2008	44.12.31.09.29		0 R	798
New Zealand	2008	44.12.31.09.39		0 R	433
New Zealand	2008	44.12.94.09.11		0 R	474
New Zealand	2008	44.12.99.01.39		2	93
New Zealand	2008	44.12.99.09.11		0 R	1581
New Zealand	2008	44.12.99.09.19		0 R	35
New Zealand	2008	44.12.99.39.39		0 R	492

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 m^3	Avg. Price $/$m^3$
Rep. of Korea	2007	44.12.31.10	(see accompanying notes)	0 R	547
Rep. of Korea	2007	44.12.31.30		0 R	1232
Rep. of Korea	2007	44.12.31.40		0 R	990
Rep. of Korea	2007	44.12.31.50		0 R	515
Rep. of Korea	2007	44.12.31.60		0 R	490
Rep. of Korea	2007	44.12.31.70		1	592
Rep. of Korea	2008	44.12.31.10.00	(see accompanying notes)	0 R	1297
Rep. of Korea	2008	44.12.31.30.00		0 R	2272
Rep. of Korea	2008	44.12.31.40.00		0 R	1928
Rep. of Korea	2008	44.12.31.50.00		0 R	831
Rep. of Korea	2008	44.12.31.60.00		0 R	1059
Rep. of Korea	2008	44.12.31.70.00		0 R	1581
Rep. of Korea	2008	44.12.94.20.00		0 R	946
Rep. of Korea	2008	44.12.99.10.11			
Rep. of Korea	2008	44.12.99.20.10		0 R	1400
Rep. of Korea	2008	44.12.99.20.90			
EU					
Finland	2007	44.12.31.10	(see accompanying notes)	0 R	1894
Finland	2007	44.12.31.90		0 R	1691
Finland	2008	44.12.31		0 R	1961
France	2007	*Shorea* spp.	meranti		
France	2007	*Shorea* spp.	lauan		
France	2007	*Entandrophragma utile*	sipo		
France	2007	*Terminalia superba*	limba		
France	2007	*Triplochyton scleroxylon*	obeche		
France	2007	*Aucoumea klaineana*	okoumé	115	1558
France	2007	*Khaya* spp.	acajou		
France	2007	*Entandrophragma cylindricum*	sapelli		
France	2007	*Dialianthera* spp.	virola		
France	2007	*Swietenia* spp.	mahogany		
France	2007	*Dalbergia decipularis*	palissandre de rose		
France	2008	*Shorea* spp.	meranti		
France	2008	*Shorea* spp.	lauan		
France	2008	*Entandrophragma utile*	sipo		
France	2008	*Terminalia superba*	limba		
France	2008	*Triplochyton scleroxylon*	obeche		
France	2008	*Aucoumea klaineana*	okoumé	102	1634
France	2008	*Khaya* spp.	acajou		
France	2008	*Entandrophragma cylindricum*	sapelli		
France	2008	*Dialianthera* spp.	virola		
France	2008	*Swietenia* spp.	mahogany		
France	2008	*Dalbergia decipularis*	palissandre de rose		
Germany	2007	4412.13.10	(see accompanying notes)	4	2111
Germany	2007	4412.13.90		34	1465
Poland	2007	44.12.31.90	(see accompanying notes)	3	838
Poland	2008	44.12.31.10	(see accompanying notes)	1	853
Poland	2008	44.12.31.90		0 R	2051
Portugal	2007	*Dalbergia decipularis*	palissandre de rose		
Portugal	2007	*Dalbergia nigra*	palissandre de rio		
Portugal	2007	*Dalbergia spurceana*	palissandre de para		
Portugal	2007	*Parashorea* spp.	white seraya	0 R	368
Portugal	2007	*Parashorea* spp., *Pentacme* spp.	white lauan		
Portugal	2007	*Shorea albida*	alan		
Portugal	2007	*Shorea* spp.	white meranti		
Portugal	2007	*Shorea* spp.	yellow meranti		
Portugal	2007		others	2 I	1383
Portugal	2008	*Dalbergia decipularis*	palissandre de rose		
Portugal	2008	*Dalbergia nigra*	palissandre de rio		
Portugal	2008	*Dalbergia spurceana*	palissandre de para		
Portugal	2008	*Parashorea* spp.	white seraya	3	661
Portugal	2008	*Parashorea* spp., *Pentacme* spp.	white lauan		
Portugal	2008	*Shorea albida*	alan		
Portugal	2008	*Shorea* spp.	white meranti		
Portugal	2008	*Shorea* spp.	yellow meranti		
Portugal	2008		others	0 R	1033

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 m^3	Avg. Price $/$m^3$
North America					
Canada	2007	44.12.31.00	(see accompanying notes)	0 R	1181
Canada	2007	44.12.32.90		1	272
Canada	2007	44.12.99.00		1 I	462
Canada	2008	44.12.32.90	(see accompanying notes)	0 R	826
Canada	2008	44.12.94.00		0 R	488
Canada	2008	44.12.99.00		1 I	1319
USA	2007	44.12.31.00.00	(see accompanying notes)	33	462
USA	2008	44.12.31.00.00	(see accompanying notes)	37	445

Explanatory note

This note provides details of species included under various sub-headings of Chapter 44 of the Harmonized System (HS) of customs classification (HS 92, HS 96, HS 02, HS 07). 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
4403.29-49	**Tropical Wood in the rough, whether or not stripped of bark or sapwood, or roughly squared. (ITTO: Logs)**
4403.29.03	Mahogany (*Swietenia* spp.)
4403.40	Other, of tropical wood.
4403.41	Dark Red Meranti, Light Red Meranti, and Meranti Bakau
4403.41.00	Dark Red Meranti, Light Red Meranti, and Meranti Bakau
4403.41.00.00	Dark Red Meranti, Light Red Meranti and Meranti Bakau
4403.49	Other Tropical Wood
4403.49.00	Wood in the rough. Other
4403.49.00.00	Other, of tropical wood
4403.49.00.03	Keruing, Ramin, Kapur, Teak, Jongkong, Merbau, Jelutong and Kempas
4403.49.00.05	Okoume, Obéché, Sapelli, Sipo, Acajou d'Afrique, Makore and Iroko, in the rough, whether or not stripped of bark or sapwood, or roughly squared, untreated
4403.49.00.09	Not elsewhere specified in 4403.41 or 4403.49
4403.49.00.17	Okoume, Obéché, Sapelli, Sipo, Acajou d'Afrique, Makore and Iroko, in the rough, whether or not stripped of bark or sapwood, or roughly squared, untreated
4403.49.00.33	Merbau (Kwila), in the rough, whether or not stripped of bark or Sapwood, or roughly squared, untreated
4403.49.01	Teak
4403.49.10	Sapelli, Acajou d'Afrique and Iroko
4403.49.10.00	White Lauan,White Meranti,White Seraya,Yellow Meranti and Alan
4403.49.20	Okoumé
4403.49.20.10	Teak
4403.49.20.20	Keruing
4403.49.20.40	Jelutong
4403.49.20.90	Other than Keruing, Ramin, Kapur, Teak, Jongkomg, Merbau, Jelutong and Kempas
4403.49.30	Obéché
4403.49.30.00	Okoume, Obéché, Sapelli, Sipo, Acajou d'Afrique, Makore and Iroko
4403.49.40	Sipo
4403.49.40.00	Tiama, Mansonia, Ilomba, Dibetou, Limba and Azobe
4403.49.50	Limba
4403.49.50.00	Mahogany (*Swietenia* spp.) and Balsa
4403.49.60	Tiama, Mansonia, Ilomba, Dibétou and Azobé
4403.49.70	Virola, Mahogany (*Swietenia* spp.), Imbuia, Balsa, Palissandre de Rio, Palissandre de

Para and Palissandre de Rose
4403.49.90 Other Tropical Wood
4403.49.90.00 Other
4403.49.95 Poles, piles and Other wood in the round
4403.49.99 Other Tropical Wood
4403.99 Other non-coniferous
4403.99.90.19 Other
4403.99.00.99 Wood in the rough
4403.99.95 Wood in the rough, whether or not stripped of bark or sapwood, or roughly squared
4403.99.99 Other
4403.99.90 Other
4403.99.99 Other

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)

4407.20.00 Wood sawn or chipped lengthwise, sliced or peeled, whether or not planed, sanded or finger-jointed, of a thickness exceeding 6 mm.- unspecified
4407.21.00 Mahogany (*Swietenia* spp.)
4407.21.00.00 Mohogany (*Swietenia* spp), sawn or chipped lengthwise, sliced or peeled
4407.21.12.15 Mahogany (*Swietenia* spp.), sawn or chipped lengthwise, sliced or peeled, planed, (not square dressed or structural), thicker than 6 mm
4407.21.25.00 Mahogany (*Swietenia* spp.), sawn or chipped lengthwise, sliced or peeled, sanded or end-jointed, thicker than 6 mm
4407.21.95.00 Mahogany (*Swietenia* spp.), sawn or chipped lengthwise, sliced or peeled, (not planed or sanded or end-jointed), thicker than 6 mm
4407.21.99 Mahogany (*Swietenia* spp.), sawn or chipped lengthwise, sliced or peeled, (not planed, sanded or end-jointed), thicker than 6 mm
4407.22.00.00 Virola/ Imbuia and Balsa wood sawn or chipped lengthwise, sliced or peeled
4407.22.00.10 Virola, Imbuia and Balsa, planed thickness exceeding 6 mm
4407.22.00.20 Dark Meranti/ Light Red Meranti sanded or end jointed, thickness exceeding 6 mm
4407.22.00.30 Balsa
4407.22.10 Virola, Imbuia and Balsa, sawn or chipped lengthwise, sliced or peeled, whether or not planed or sanded, end-jointed, thicker than 6 mm
4407.22.12.15 Virola, Imbuia and Balsa, sawn or chipped lengthwise, sliced or peeled, planed, (not square dressed or structural), thicker than 6 mm
4407.22.25.00 Virola, Imbuia and Balsa, sawn or chipped lengthwise, sliced or peeled, sanded or end-jointed, thicker than 6 mm
4407.22.91 Virola, Imbuia and Balsa, sawn or chipped lengthwise, sliced or peeled, planed, (not end-jointed), thicker than 6 mm
4407.22.95.00 Virola, Imbuia and Balsa, sawn or chipped lengthwise, sliced or peeled, (not planed or sanded or end-jointed), thicker than 6 mm
4407.22.99 Virola, Imbuia and Balsa, sawn or chipped lengthwise, sliced or peeled, (not planed, sanded or end-jointed), thicker than 6 mm
4407.24 Virola, Mahogany (*Swietenia* spp.), Imbuia and Balsa
4407.24.00 Tropical wood i.e. Virola, Mahogany (*Swietenia* spp.), Imbuia and Balsa, non-coniferous species, sawn or chipped lengthwise, sliced or peeled, whether or not planed, sanded or finger-jointed, of a thickness exceeding 6 mm
4407.24.00.00 Virola, Mahogany (*Swietenia* spp.), Imbuia and Balsa
4407.24.00.05 Balsa, rough, sawn or chipped lengthwise, sliced or peeled
44.07.24.00.25 Mahogany, rough, sawn or chipped lengthwise, sliced or peeled
44.07.24.00.95 Virola and Imbuia, not rough, sawn or chipped lengthwise, sliced or peeled
4407.24.01 Virola
4407.24.00.10 Virola (Baboen)
4407.24.00.20 Mahogany, Philippine (Lauan)
4407.24.00.30 Mahogany, American (*Swietenia* spp.)
4407.24.00.40 Balsa
4407.24.00.90 Other
4407.24.10 Finger-jointed, whether or not planed or sanded
4407.24.20.00 Mahogany (*Swietenia* spp.)
4407.24.40.00 Balsa
4407.24.90 Other

4407.24.90.00 Virola, Mahogany, Imbuia and Balsa sliced or peeled sawnwood not exclusively specified
4407.24.99 Spanish Cedar
4407.25 Dark Red Meranti, Light Red Meranti, and Meranti Bakau
4407.25.00 Dark Red Meranti, Light Red Meranti and Meranti Bakau
4407.25.00.00 Dark Red Meranti, Light Red Meranti and Meranti Bakau
4407.25.01 Dark Light Red Meranti
4407.25.10 Dark Red Meranti, Light Red Meranti and Meranti Bakau, sawn or chipped lengthwise, sliced or peeled, whether or not planed or sanded, end-jointed, thicker than 6 mm
4407.25.30 Dark Red Meranti, Light Red Meranti and Meranti Bakau, sawn or chipped lengthwise, sliced or peeled, planed, (not end-jointed), thicker than 6 mm,
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
4407.25.90 Dark Red Meranti, Light Red Meranti and Meranti Bakau, sawn or chipped lengthwise, sliced or peeled, (not planed, sanded or end-jointed), thicker than 6 mm
4407.25.90.00 Dark Red Meranti, Light Red Meranti and Meranti Bakau, sawn or chipped lengthwise, sliced or peeled, (not planed or sanded or end-jointed), thicker than 6 mm
4407.26 White Lauan, White Meranti, White Seraya, Yellow Meranti and Alan
4407.26.00 White Lauan, White Meranti, White Seraya, Yellow Meranti and Alan
4407.26.00.00 White Lauan, White Meranti, White Seraya, Yellow Meranti and Alan
4407.26.10 White Lauan, White Meranti, White Seraya, Yellow Meranti and Alan, sawn or chipped lengthwise, sliced or peeled or end-jointed, whether or not planed or sanded, thicker than 6 mm
4407.26.30 White Lauan, White Meranti, White Seraya, Yellow Meranti and Alan, sawn or chipped lengthwise, sliced or peeled, planed , (not end-jointed), thicker than 6 mm
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
4407.26.90 White Lauan, White Meranti, White Seraya, Yellow Meranti and Alan, sawn or chipped lengthwise, sliced or peeled, (not planed or sanded or end-jointed), thicker than 6 mm
4407.26.90.00 White Lauan, White Meranti, White Seraya, Yellow Meranti and Alan, sawn or chipped lengthwise, sliced or peeled, (not planed or sanded or end-jointed), thicker than 6 mm
4407.27 Sapelli
4407.27.00.00 Sapelli, sawn or chipped lengthwise, sliced or peeled, whether/not planed, sanded or end-jointed
4407.27.10 Sapelli; Planed or sanded
4407.27.19.00 Sapelli, sawn or chipped lengthwise, sliced or peeled, (not planed or sanded or end-jointed), thicker than 6 mm
4407.27.91 Sapelli, sawn or chipped lengthwise, sliced or peeled, planed (not end-jointed), thicker than 6 mm
4407.27.99 Sapelli, sawn or chipped lengthwise, sliced or peeled, (not planed, sanded or end-jointed), thicker than 6 mm
4407.28 Iroko
4407.28.00.00 Iroko, sawn or chipped lengthwise, sliced or peeled, whether/not planed, sanded or end-jointed
4407.28.01.10 Iroko, sawn or chipped lengthwise, sliced or peeled, planed, square dressed, structural, thicker than 6 mm
4407.28.01.19 Iroko, sawn or chipped lengthwise, sliced or peeled, planed, (not square dressed or structural), thicker than 6 mm
4407.28.10 Iroko: Planed or sanded
4407.28.91 Iroko, sawn or chipped lengthwise, sliced or peeled, planed, (not end-jointed), thicker than 6 mm
4407.28.99 Iroko, sawn or chipped lengthwise, sliced or peeled, (not planed, sanded or end-jointed), thicker than 6 mm

4407.29 Other Tropical Wood
- 4407.29.00 Tropical wood specified in chapter 44 subheading note 1, not elsewhere specified or indicated, sawn or chipped lengthwise, sliced or peeled, over 6 mm thick
  - 4407.29.00.05 Teak, rough, sawn or chipped lengthwise, sliced or peeled
  - 4407.29.00.10 Teak
  - 4407.29.00.20 Other
  - 4407.29.00.25 Keruing, rough, sawn or chipped lengthwise, sliced or peeled
  - 4407.29.00.30 Keruing, not rough, sawn or chipped lengthwise, sliced or peeled
  - 4407.29.00.90 Other tropical wood, rough, sawn or chipped lengthwise, sliced or peeled
  - 4407.29.00.95 Other tropical wood, not rough, sawn or chipped lengthwise, sliced or peeled
- 4407.29.01 Khaya Ivorensis /Milicia Excelsa, Okubé / Iroco
- 4407.29.05 Other tropical, end-jointed, over 6 mm thick
- 4407.29.10 Finger-jointed, whether or not planed or sanded
  - 4407.29.10.00 Keruing, Ramin, Kapur, Jonkong, Merbau, Jelutong and Kempas
  - 4407.29.10.01 keruing, ramin, kapur, teak, jongkong, merbau, jelutong and kempas, sawn or chipped lengthwise, sliced or peeled, planed, square dressed, structural, thicker than 6 mm
  - 4407.29.10.09 Keruing, Ramin, Kapur, Teak, Jongkong, Merbau, Jelutong and Kempas, sawn or chipped lengthwise, sliced or peeled, planed, (not square dressed or structural), thicker than 6 mm
  - 4407.29.10.10 Merbau (Kwila), sawn or chipped lengthwise, sliced or peeled, planed, square dressed, structure, thicker than 6 mm
  - 4407.29.10.27 Merbau (Kwila), sawn or chipped lengthwise, sliced or peeled, planed, (not square dressed or structural), thicker than 6 mm
  - 4407.29.10.39 Keruing, Kapur, Teak, Jongkong, Jelutong and Kempas, sawn or chipped lengthwise, sliced or peeled, planed, (not square dressed or structural), thicker than 6 mm
- 4407.29.15 Keruing, Ramin, Kapur, Teak, Jongkong, Merbau, Jelutong, Kempas, Okoumé, Obeche, Sipo, Acajou d'Afrique, Makoré, Tiama, Mansonia, Ilomba, Dibétou, Limba, Azobé, Rio de Palissandre, Palissandre de Para, Palissandre en Rose, Abura, Afrormosia, Ako, Andiroba, Aningré, Avodiré, Balau, Bossé clair, Bossé foncé, Cativo, Cedro, Dabema, Doussié, Framiré, Freijo, Fromager, Fuma, Geronggang, Ipé, Jaboty, Jequitiba, Kosipo, Kotibé, Koto, Louro, Maçaranduba, Mandioqueira, Mengkulang, Merawan, Merpauh, Mersawa, Moabi, Niangon, Nyatoh, Onzabili, Orey, Ovengkol, Ozigo, Padauk, Paldao, Palissandre de Guatemala, Pau Amarelo, Pau marfim, Pulai, punah, Quaruba, Saqui-Saqui, Sepetir, Sucupira, Suren, Tauari and Tola, sawn or chipped lengthwise, sliced or peeled, end-jointed , whether or not planed, or sanded thicker than 6 mm
- 4407.29.20 Planed: Palissandre de Rio, Palissandre de Para and Palissandre de Rose
  - 4407.29.20.00 Teak
- 4407.29.25 Keruing, Ramin, Kapur, Teak, Jongkong, Merbau, Jelutong, Kempas, Okoumé, Obeche, Sipo, Acajou d'Afrique, Makoré, Tiama, Mansonia, Ilomba, Dibétou, Limba and Azobé, sawn or chipped lengthwise, sliced or peeled, planed (not end-jointed), thicker than 6 mm
- 4407.29.30 Merbau
  - 4407.29.30.00 Okoume, Obeche, Sapelli, Sipo, Acajou, d'afrique, Makore, Iroko, Tiama, Mansonia, Ilomba, Dibetou Limba and Azobe
  - 4407.29.30.09 Wood, tropical; (as specified in subheading note 1, chapter 44 , customs tariff), n.e.c. in item no. 4407.2, sawn or chipped lengthwise, sliced or peeled, planed, (not square dressed or structural), thicker than 6 mm
- 4407.29.31 Other: Blocks, strips and friezes for parquet or wood block flooring, not assembled
- 4407.29.39 Other
  - 4407.29.40.01 Keruing, Ramin, Kapur, Teak, Jongkong, Merbau, Jelutong and Kempas, sawn or chipped lengthwise, sliced or peeled, sanded or end-jointed, thicker than 6 mm
  - 4407.29.40.09 Wood, tropical; (as specified in subheading note 1, chapter 44, customs tariff), n.e.c. in item no. 4407.2, sawn or chipped lengthwise, sliced or peeled, sanded or end-jointed, thicker than 6 mm
- 4407.29.45 Keruing, Ramin, Kapur, Teak, Jongkong, Merbau, Jelutong, Kempas, Okoumé, Obeche, Sipo, Acajou d'Afrique, Makoré, Tiama, Mansonia, Ilomba, Dibétou, Limba, Azobé, Palissandre en Rio de Para and Palissandre Palissandre en Rose, sawn or chipped lengthwise, sliced or peeled, (not end-jointed), sanded, thicker than 6 mm

4407.29.50 Sanded
- 4407.29.61 Other: Azobé

4407.29.68 Keruing, Ramin, Kapur, Teak, Jongkong, Merbau, Jelutong, Kempas, Okoumé, Obeche, Sipo, Acajou d'Afrique, Makoré, Tiama, Mansonia, Ilomba, Dibétou, Limba, Palissandre en Rio de Para and Palissandre en Rose, sawn or chipped lengthwise, sliced or peeled, (not planed, sanded or end-jointed), thicker than 6 mm

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

4407.29.83 Abura, Afrormosia, Ako, Andiroba, Aningré, Avodiré, Balau, Bossé clair, Bossé foncé, Cativo, Cedro, Dabema, Doussié, Framiré, Freijo, Fromager, Fuma, Geronggang, Ipé, Jaboty, Jequitiba, Kosipo, Kotibé,Koto, Louro, Maçaranduba, Mahogany (excl. "*Swietenia* spp.") Mandioqueira, Mengkulang, Merawan,Merpauh, Mersawa, Moabi, Niangon, Nyatoh, Onzabili, Orey, Ovengkol, Ozigo, Padauk, Paldao, Palissandre de Guatemala, Pau Amarelo, Pau Marfim, Pulai, Punah, Quaruba, Saqui-Saqui, Sepetir, Sucupira, Suren, Tauari and Tola, in the sawn or chipped lengthwise, sliced or peeled, planed (not end-jointed) thicker than 6 mm

4407.29.85 Abura, Afrormosia, Ako, Andiroba, Aningré, Avodiré, Balau, Bossé clair, Bossé foncé, Cativo, Cedro, Dabema, Doussié, Framiré, Freijo, Fromager, Fuma, Geronggang, Ipé, Jaboty, Jequitiba, Kosipo, Kotibé, Koto, Louro, Maçaranduba, Mandioqueira, Mengkulang, Merawan, Merpauh, Mersawa, Moabi, Niangon, Nyatoh, Onzabili, Orey, Ovengkol, Ozigo, Padauk, Paldao, Palissandre de Guatemala, Pau Amarelo, Pau, Marfim, Pulai, Punah, Quaruba, Saqui-Saqui, Sepetir, Sucupira, Suren, Tauari and Tola, sawn or chipped lengthwise, sliced or peeled, sanded, (not end-jointed), thicker than 6 mm

4407.29.90.00 Other

4407.29.90.07 Okoume, Obeche, Sipo, Acajou d'Afrique, Makore, Tiama, Ilomba, Mansonia, Dibetou, Limba, Azobe, sawn or chipped lengthwise, sliced or peeled, (not planed or sanded or end-jointed), thicker than 6 mm

4407.29.90.10 Keruing, Kapur, Teak, Jongkong, Jelutong and Kempas, sawn or chipped lengthwise, sliced or peeled, (not planed or sanded or end-jointed), thicker than 6 mm

4407.29.90.19 Merbau (Kwila), sawn or chipped lengthwise, sliced or peeled, (not planed or sanded or end-jointed), thicker than 6 mm

4407.29.90.27 Ramin, sawn or chipped lengthwise, sliced or peeled, (not planed or sanded or end-jointed), thicker than 6 mm

4407.29.90.39 Ramin, sawn or chipped lengthwise, sliced or peeled, (not planed or sanded or end-jointed), thicker than 6 mm

4407.29.95 Abura, Afrormosia, Ako, Andiroba, Aningré, Avodiré, Balau, Bossé clair, Bossé foncé, Cativo, Cedro,Dabema, Doussié, Framiré, Freijo, Fromager, Fuma, Geronggang, Ipé, Jaboty, Jequitiba, Kosipo, Kotibé, Koto , Louro, Maçaranduba, Mandioqueira, Mengkulang, Merawan, Merpauh, Mersawa, Moabi, Niangon, Nyatoh, Onzabili, Orey, Ovengkol, Ozigo, Padauk, Paldao, Palissandre de Guatemala, Pau Amarelo , Pau marfim, Pulai, Punah, Quaruba, Saqui-Saqui, Sepetir, Sucupira, Suren, Tauari and Tola, sawn or chipped lengthwise, sliced or peeled, (not end-jointed, planed or sanded), thicker than 6 mm

4407.29.99 Other Tropical Wood

4407.99 Other non-coniferous

4407.99.00.00 Other sawnwood or chipped lengthwise, sliced or peeled

4407.99.00.90 Other sawnwood or chipped lenghtwise, planed or sanded, thicker than 6 mm

4407.99.90 Other

4407.99.90.10 Other

4407.99.96 Other

4407.99.96.00 Tropical wood sawn lengthwise, sliced peeled, (not end-jointed, planed or sanded), thicker than 6 mm

4408.30-90 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)

4408.30.00 Other tropical wood

4408.31 Dark Red Meranti, Light Red Meranti and Meranti Bakau

4408.31.00.00 Veneer or plywood sheets, Dark/Light Red Meranti and Meranti Bakau, not exceeding 6 mm
4408.31.01 Dark Red Meranti, Light Red Meranti and Meranti Bakau veneer sheets and sheets for plywood and other wood sawn/sliced/peeled, not over 6 mm thick
44.08.31.01.00 Veneer sheets and sheets for plywood of Dark Red Meranti, Light Red Meranti and Meranti Bakau wood sawn lengthwise, sliced or peeled, thickness not over 6 mm
4408.31.10.00 Dark Red Meranti and Light Red Meranti
4408.31.11 Finger-jointed, whether or not planed or sanded
4408.31.21 Planed
4408.31.25 Sanded
4408.31.30 Other
4408.31.30.00 Dark Red Meranti, Light Red Meranti and Meranti Bakau (for veneering obtained by slicing laminated wood or for other similar laminated wood)
4408.31.90 Other sheets of Dark/Light Red Meranti & Meranti Bakau, not elsewhere specified, thick ≤ 6 mm
4408.31.90.00 Veneer sheets, other
4408.31.90.11 Dark Red Meranti, Light Red Meranti (for manufacturing plywood)
4408.31.90.12 Dark Red Meranti, Light Red Meranti (patterned veneer)
4408.31.90.21 Meranti Bakau (for manufacturing plywood)
4408.31.90.29 Wood, tropical; Dark Red Meranti, Light Red Meranti, sheets for veneer or plywood, other wood sawn lengthwise, sliced, not planed, not thicker than 1 mm
4408.31.90.39 Dark Red Meranti, Light Red Meranti, sheets for veneer or plywood, other wood sawn lengthwise, sliced, not planed, over 1 mm but not over 6 mm thick
4408.39 Other Tropical Wood
4408.39.00 Other Tropical Wood
4408.39.00.00 Veneer sheets and sheets for plywood and other wood sawn lengthwise, sliced or peeled, thickness not over 6 mm, other tropical wood, not elsewhere specified or indicated
4408.39.01 Jelutong
4408.39.00.10 Mahogany, Philippine (Lauan)
4408.39.00.20 Mahogany, African (Acajou d'Afrique)
4408.39.00.30 Mahogany, American (*Swietenia* spp.)
4408.39.00.90 Other
44.08.39.01.00 Veneer sheets and sheets for plywood and other wood sawn lengthwise, sliced or peeled, of a thickness not exceeding 6 mm, of tropical woods
4408.39.10.00 Teak
4408.39.10.09 Wood, tropical; (as in subheading note 1, chapter 44, customs tariff), n.e.c. in item no. 4408.3 sheets for veneer or plywood, other wood sawn lengthwise, sliced or peeled, planed, not thicker than 6 mm
4408.39.10.10 Sheets for veneering. Dark Red Meranti or Mahogany, African.
4408.39.10.90 Sheets for veneering. Dark Red Meranti or Mahogany, other.
4408.39.11-35 White Lauan, Sipo, Limba, Okoumé, Obeche, Acajou d'Afrique, Sapelli, Virola, Mahogany (*Swietenia* spp.), Palissandre de Rio, Palissandre de Para and Palissandre de Rose.
4408.39.11 Finger-jointed, whether or not planed or sanded
4408.39.15 Veneer sheets for plywood. Laminated wood, sawn lengthwise, sliced or peeled, of thickness not over 6 mm, sanded, and end-jointed, not planed, of White lauan, Sipo, Limba, Okoumé, Obeche, Acajou d'Afrique, Sapelli, Virola, Mahogany "*Swietenia* spp." Palissandre de Rio, de Para and de Rose
4408.39.21 Planed
4408.39.25 Sanded
4408.39.31 Other: of a thickness not exceeding 1 mm
4408.39.31.00 Veneer (of a thickness not exceeding 1 mm) Of White Lauan, Mahogany, Sapeli... not exclusively specified in 4408.31.11-25
4408.39.35 Other: Of a thickness exceeding 1 mm
4408.39.51-99 Other
4408.39.55 Veneer sheets for plywood or similar. Laminated wood, sawn lengthwise, sliced or peeled, of a thickness not over 6 mm, planed, sanded or end-jointed, of Abura, Afrormosia, Ako, Alan, Andiroba, Aningré, Avodiré, Azobé, Balau, Balsa,Bossé clair, Bossé foncé, Cativo, Cedro, Dabema, Dibétou, Doussié, Framiré, Freijo, Fromager, Fuma, Geronggang, Ilomba, Imbuia, Ipé, Iroko, Jaboty, Jelutong, Jequitiba,Jongkong, Kapur, Kempas, Keruing, Kosipo,

Kotibé, Koto, Louro, Maçaranduba, Mahogany (excl. "*Swietenia* spp."), Makoré, Mandioqueira, Mansonia, Mengkulang, Merawan, Merbau, Merpauh,Mersawa, Moabi, Niangon, Nyatoh, Onzabili, Orey, Ovengkol, Ozigo, Padauk, Paldao, Palissandre de Guatemala, Pau Amarelo, Pau Marfim, Pulai, Punah, Quaruba, Ramin, Saqui-Saqui, Sepetir, Sucupira, Suren, Tauari, Teak, Tiama, Tola, White Meranti, White and Yellow Meranti Seraya

4408.39.60.00 Other. For veneering obtained by slicing laminated wood or for other similar laminated wood

4408.39.70 Veneer for the manufacturing of pencils, of a thickness not over 6 mm of Abura, Afrormosia, Ako, Alan, Andiroba, Aningré, Avodiré, Azobé, Balau , Balsa, Bossé clair, Bossé foncé, Cativo, Cedro, Dabema,Dibétou, Doussié, Framiré, Freijo, Fromager, Fuma, Geronggang, Ilomba, Imbuia, Ipé, Iroko, Jaboty, Jelutong, Jequitiba, Jongkong, Kapur, Kempas, Keruing, Kosipo, Kotibé, Koto, Louro, Maçaranduba, Mahogany (excl. "*Swietenia* spp."), Makoré, Mandioqueira, Mansonia, Mengkulang, Merawan, Merbau, Merpauh, Mersawa, Moabi, Niangon, Nyatoh, Onzabili, Orey, Ovengkol, Ozigo, Padauk, Paldao, Palissandre de Guatemala, Pau Amarelo, Pau Marfim, Pulai, Punah, Quaruba, Ramin, Saqui-Saqui, Sepetir, Sucupira, Suren, Tauari, Teak, Tiama, Tola, White Meranti, White and Yellow Meranti Seraya

4408.39.81 Other: of a thickness not exceeding 1 mm: 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

4408.39.85 Veneer sheets for plywood or similar. Laminated wood and other wood, sawn lengthwise, sliced or peeled also spliced, (not planed, sanded or end-jointed), of a thickness not over 1 mm of Abura, Afrormosia, Ako, Alan, Andiroba, Aningré, Avodiré, Azobé, Balau, Balsa, Bossé clair, Bossé foncé, Cativo, Cedro, Dabema, Dibétou, Doussié, Framiré, Freijo, Fromager, Fuma, Geronggang, Ilomba,Imbuia, Ipé, Iroko, Jaboty, Jelutong, Jequitiba, Jongkong, Kapur, Kempas, Keruing, Kosipo, Kotibé, Koto, Louro, Maçaranduba, Mahogany (excl "*Swietenia* spp.") Makoré, Mandioqueira, Mansonia, Mengkulang, Merawan, Merbau, Merpauh, Mersawa, Moabi, Niangon, Nyatoh, Onzabili, Orey, Ovengkol, Ozigo, Padauk , Paldao, Palissandre de Guatemala, Pau Amarelo, Pau marfim, Pulai, Punah, Quaruba, Ramin, Saqui-Saqui, Sepetir, Sucupira, Suren, Tauari, Teak, Tiama, Tola,White Meranti, White Seraya and Yellow Meranti

4408.39.85.00 Veneer of a thickness not exceeding 1 mm

4408.39.89 Other

4408.39.90 Other specified tropical wood sheets, not elsewhere specified, thick ≤ 6 mm

4408.39.90.00 Jelutong

4408.39.90.09 White Lauan, Sipo, Limba, Okoumé, Obeche, Acajou d'Afrique, Sapelli, Mahogany (*Swietenia* 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

4408.39.90.10 Sheets for veneering. Other. Mahogany, African.

4408.39.90.11 Teak (for manufacturing plywood)

4408.39.90.12 Teak (patterned veneer)

4408.39.90.19 Teak (other)

4408.39.90.20 Sheets for veneering not exceeding 6 mm in thickness. Of tropical wood. Dark Red Meranti, Mahogany, African

4408.39.90.29 White Lauan, Sipo, Limba, Okoume, Obeche, Acajou d'Afrique, Sapelli, Mahogany (*Swietenia* spp.), sheets for veneer or plywood, other wood sawn lengthwise, sliced, not planed, over 1 mm but not over 6 mm thick

4408.39.90.31 Sipo, Okoume, Obeche, Acajou d'Afrique and Sapelli (for manufacturing plywood)

4408.39.90.32 Sipo, Okoume, Obeche, Acajou d'afrique and Sapelli (patterned veneer)

4408.39.90.39 Wood, tropical; (as in subheading note 1, chapter 44, customs tariff), n.e.c. in item no.4408.3, sheets for veneer or plywood, other wood sawn lengthwise, sliced, not planed, 1 mm thick or less

4408.39.90.49 Wood, tropical; (as in subheading note 1, chapter 44, customs tariff), n.e.c. in item no. 4408.3, sheets for veneer or plywood, other wood sawn lengthwise, sliced, not planed, over 1 mm but not over 6 mm thick

4408.39.90.50 Mahogany (*Swietenia* spp)

4408.39.90.59 Mahogany (Other), sheets for veneer or plywood, other wood sawn lengthwise, peeled, rotary, not planed, 1 mm thick or less

4408.39.90.61 Wood, tropical; (as specified in subheading note 1, chapter 44, customs tariff), n.e.c. in item no. 4408.3, sheets for veneer or plywood, other wood sawn lengthwise, sliced, not planed,1 mm thick or less

4408.39.90.90 Sheets for veneering, etc. Of tropical wood, etc. Dark Red Meranti, etc. Mahogany, African. Mahogany, other.

4408.39.90.91-99 Other

4408.39.91 Of a thickness exceeding 1 mm: 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

4408.39.95 Veneer sheets for plywood or similar. Laminated wood and other wood, sawn lengthwise, sliced or peeled, also spliced, (not planed, sanded or end-jointed), with a thickness exceeding 1 mm but not exceeding 6 mm, of Abura, Afrormosia, Ako, Alan, Andiroba, Aningré, Avodiré, Azobé, Balau, Balsa, Bossé clair, Bossé foncé, Cativo, Cedro, Dabema, Dibétou, Doussié, Framiré, Freijo, Fromager, Fuma, Geronggang, Ilomba, Imbuia, Ipé, Iroko, Jaboty, Jelutong, Iequitiba, Jongkong, Kapur, Kempas,Keruing, Kosipo, Kotibé, Koto, Louro, Maçaranduba, Mahogany (excl. "*Swietenia* spp.") Makoré, Mandioqueira, Mansonia, Mengkulang, Merawan, Merbau, Merpauh, Mersawa, Moabi, Niangon, Nyatoh, Onzabili, Orey, Ovengkol, Ozigo, Padauk, Paldao, Palissandre de Guatemala, Pau Amarelo, Pau Marfim, Pulai, Punah, Quaruba, Ramin, Saqui-Saqui, Sepetir, Sucupira, Suren, Tauari, Teak, Tiama, Tola, White Meranti, White Seraya and Yellow meranti

4408.39.99 Other

4408.90 Other non-coniferous

4408.90.00.00 Other sheets for veneering of thickness not exceeding 6 mm

4408.90.02.09 Wood; tropical hardwoods, n.e.c. in heading no. 4408, sheets for veneer or plywood, other wood sawn lengthwise, sliced or peeled, planed, not thicker than 6 mm

4408.90.08.31 Wood; tropical hardwoods, n.e.c. in heading no. 4408, sheets for veneer or plywood, other wood sawn lengthwise, sliced or peeled, rotary, not planed, not thicker than 1 mm

4408.90.08.39 Wood; tropical hardwoods, n.e.c. in heading no. 4408, sheets for veneer or plywood, other wood sawn lengthwise, sliced, not planed, not thicker than 1 mm

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

4408.90.10.29 Other. Sheets for veneering, etc. including those obtained by slicing laminated wood. Other, not reinforced or backed: Other.

4408.90.85.00 Of a thickness not exceeding 1 mm.

4408.90.90.29 Other. Sheets for veneering, etc. including those obtained by slicing laminated wood. Other, not reinforced or backed: Other.

4408.90.90.30 Other. Sheets for veneering, etc. including those obtained by slicing laminated wood. Reinforced or backed

4408.90.95.00 Of a thickness exceeding 1 mm.

4408.90.99 Other wood sheets, nes, of a thickness not exceeding 6 mm

4408.90.99.12 Other wood sheets, nes, of a thickness not exceeding 6 mm

4408.90.99.13 Other wood sheets, nes, of a thickness not exceeding 6 mm

4408.90.99.19 Other wood sheets, nes, of a thickness not exceeding 6 mm

4412.13-99 Plywood, veneered panels and similar laminated wood. (ITTO: Plywood)

4412.10.01.00 Plywood; of bamboo, consisting solely of sheets of wood, each ply 6 mm or thinner

4412.10.29.00 Plywood; of bamboo, consisting solely of sheets of wood, each ply thicker than 6 mm

4412.13 Plys all wood, each ≤ 6 mm, with at least one outer ply of tropical wood

4412.13.01 Plywood consisting solely of sheets of wood, each ply not exceeding 6 mm in thickness, with at least one outer ply of tropical wood

4412.13.05.20 Birch plywood, panels <= 3.6 mm thick, <=1.2 m width, 2.2 m length, sheets <= 6 mm, one ply tropical, not surface covered

4412.13.09 Plywood consisting only of sheets of wood of a thickness not exceeding 6 mm each and 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. With at least one outer ply of the following tropical woods:Dark Red Meranti, Light Red Meranti, White Lauan, Sipo, Limba, Okoume, Obeche, Acajou d'Afrique, Sapelli or Mahogany (*Swietenia* spp.)

4412.13.10.00 Unfinished, interior grade Lauan Mahogany plywood panels, thickness not exceeding 6.35 mm and width of 1.1 m or more, whether or not edge-trimmed

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 (*Swietenia* 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 (*Swietenia* 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 (*Swietenia* spp.), Palissandre de Rio, Palissandre de Para and Palissandre de Rose
4412.13.20.00 Of a thickness less than 4 mm but not less than 3.2 mm
4412.13.30.00 Of a thickness not more than 6 mm but not less than 4 mm
4412.13.40.00 Of a thickness less than 12 mm but not less than 6 mm
4412.13.40.40 Mahogany plywood, sheets <= 6 mm, one ply tropical, clear covered or not surface covered
4412.13.40.50 other plywood, panels not exceeding 3.6 mm thick, 1.2 m width, 2.2 m length, sheets <= 6 mm, one ply tropical, clear covered or not surface covered
4412.13.40.60 Other plywood, sheets <= 6 mm, one ply tropical, not surface covered
4412.13.40.70 Other plywood, sheets <= 6 mm, one ply tropical, clear covered
4412.13.50.00 Of a thickness less than 15 mm but not less than 12 mm
4412.13.51.30 Plywood with a face ply of sen, at least one outer ply of tropical wood, solely sheets of wood, not/or surface covered with a clear material, not over 6 mm thick
4412.13.51.50 Plywood panels with at least one outer ply of tropical wood, not/or surface covered with a clear material, not over 3.6 mm thick, 1.2 m wide, 2.2 m long, not elsewhere specified or indicated
4412.13.51.60 Plywood with at least one outer ply of tropical wood, not over 6 mm thick, not surface covered, not elsewhere specified or indicated
4412.13.51.70 Plywood with at least one outer ply of tropical wood, consisting solely of sheets of wood, not over 6 mm thick, surface covered with a clear material, not elsewhere specified or indicated
4412.13.60.00 Dark/Light Red Meranti, White Lauan, Sipo, Limba, etc, plywood, sheets <= 6 mm, one ply tropical, clear covered or not surface covered
4412.13.90 With at least one outer ply of other tropical wood. Other
4412.13.90.13 Whether or not painted, edge- or face-worked, but not otherwise worked or surface-covered: Other, of mahogany.
4412.13.90.19 Doorskins of Mahogany, other than Philippine
4412.13.90.01 Other
4412.13.90.02 Other
4412.13.90.90 Other
4412.13.99 Other
4412.14 Plys all wood, each ≤ 6 mm with at least one outer ply of non-coniferous wood
4412.14.10 Plywood of Baboen, Palissandre du Bresil or Bois de Rose femelle
4412.14.10.90 Plywood consisting solely of sheets of wood, with at least one outer ply of non-coniferous wood, each ply not exceeding 6 mm in thickness
4412.14.31.40 Plywood, face ply of mahogany, at least one outer ply of non-coniferous wood, solely of sheets of wood, not/or surface covered with a clear material
4412.14.90 Other
4412.14.90.19 Other. Whether or not painted, edge- or face-worked, but not otherwise worked or surface-covered. Other.
4412.14.90.90 Plywood consisting solely of sheets of wood, with at least one outer ply of non-coniferous, other than tropical wood, each ply not exceeding 6 mm in thickness
4412.22 Plys not all wood and/or at least one ply > 6 mm, with at least one outer ply of tropical wood
4412.22.01 *Swietenia Macrophylla*
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
4412.22.31.40 Plywood with a face ply of mahogany, with at least one ply of tropical wood, not surface covered or surface covered with a clear material
4412.22.31.50 Plywood with at least one ply of tropical wood, panels not exceeding 3.6 mm thick,

1.2 m wide, 2.2 mm long, not/or surface covered with a clear material
4412.22.31.60 Plywood with at least one ply of tropical wood, over 3.6 mm thick 1.2 mm wide and 2.2 mm long, not surface covered, not elsewhere specified or indicated
4412.22.31.70 Plywood with at least one ply of tropical wood, not elsewhere specified or indicated
4412.22.41.00 Plywood with at least one outer ply of tropical wood, surface if covered, not elsewhere specified or indicated
4412.22.90.00 Other
4412.22.90.10 Other, with at least one outer ply of non-coniferous wood: Other. Whether or not painted, edge-or face-worked, but not otherwise worked or surface-covered.
4412.22.91 Blockboard, laminboard and battenboard
4412.22.99 Veneered wood Other, w/one outer ply of Tropical
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
4412.23.01 Other. With at least one ply of non-coniferous wood. Containing at least one layer of particle board
4412.23.01.00 Plywood with at least one outer ply of tropical wood, solely of sheets of wood not >= 6 mm thickness
4412.23.99 Other
4412.29.00.10 Whether or not painted, edge- or face-worked, but not otherwise worked or surface covered
4412.29.00.90 Other
4412.29.36.40 Plywood with a face ply of Mahogany, with at least one outer ply of non-coniferous wood, not surface covered or surface covered with a clear material
4412.29 Other with at least one outer ply of non-coniferous wood: Other
4412.29.99 Other
4412.31 With at least one outer ply of other tropical wood
4412.31.01 Meranti
4412.31.01.10 Plywood; consisting only of sheets of wood (not bamboo), each ply 6 mm or thinner, with at least one outer ply of Dark or Light Red Meranti, White Lauan, Sipo, Sapelli, Limba, Okoume, Obeche, Mahogany or Acajou d'Afrique, overlaid, including veneered
4412.31.01.19 Plywood; consisting only of sheets of wood (not bamboo), each ply 6 mm or thinner, with at least one outer ply of Dark or Light Red Meranti, White Lauan, Sipo, Sapelli, Limba, Okoume, Obeche, Mahogany or Acajou d'Afrique, not overlaid or veneered
4412.31.09.10 Plywood; consisting only of sheets of wood (not bamboo), each ply 6 mm or thinner, not containing an outer ply of non-coniferous or tropical wood, overlaid, including veneered
4412.31.09.19 Plywood; consisting only of sheets of wood (not bamboo), each ply 6 mm or thinner, not containing an outer ply of non-coniferous or tropical wood, not overlaid or veneered
4412.31.09.29 Plywood; consisting only of sheets of wood (not bamboo), each ply 6 mm or thinner, with at least one outer ply of tropical wood (as specified in subheading note 1, chapter 44, customs tariff) n.e.c. in item no.4412.31.09, overlaid, including veneered
4412.31.10 Decorative plywood
4412.31.10.00 Unfinished, interior grade Lauan Mahogany plywood panels, of a thickness not exceeding 6.35 mm and of a width of 1.1m or more, whether or not edge trimmed etc.
4412.31.20.00 Of a thickness less than 4mm but not less than 3.2 mm
4412.31.30.00 Of a thickness not more than 6mm but not less than 4 mm
4412.31.40.00 Of a thickness less than 10mm but not less than 6 mm
4412.31.50.00 Of a thickness less than 12mm but not less than 10 mm
4412.31.60.00 Of a thickness less than 15mm but not less than 12 mm
4412.31.70.00 Of a thickness not less than 15 mm
4412.31.90 Other
4412.31.90.13 Other. Whether or not painted, edge or face worked, but not otherwise worked or surface covered: Other, of Mahogany.
4412.31.90.19 Other. Whether or not painted, edge or face worked, but not otherwise worked or surface covered: Other.
4412.31.90.90 Other. Other.
4412.32.00 Other, with at least one outer ply of non-coniferous wood
4412.32.10.90 At least one surface is a temperate non-coniferous wood plywood sheet

4412.32.90 5-ply and 7-ply hardwood plywood for use as backing in the manufacture of hardwood plywood panels for flooring. Other wood

4412.32.90.19 Other. Whether or not painted, edge or face worked, but not otherwise worked or surface covered: Other

4412.92 Plys not all wood and/or at least one ply > 6 mm, both outer plys coniferous with at least one ply of tropical wood

4412.92.10.00 Whether or not painted, edge- or face-worked, but not otherwise worked or surface-covered

4412.92.90.00 Other

4412.92.99 Other

4412.99 Other

4412.99.70 Okoume

Species Codes and Species Description for Indonesia

Species Code	Description
Industrial Roundwood	
4403.41.10.00	Dark Red Meranti, Light Red Meranti
4403.41.20.00	Meranti Bakau
4403.41.90.90	Other pulp, baulk, of Dark Red Meranti, Light Red Meranti and Meranti Bakau
4403.49.10.00	White Meranti
4403.49.30.00	Keruing
4403.49.40.00	Ramin
4403.49.50.00	Kapur
4403.49.60.00	Teak
4403.49.70.00	Jelutong
4403.49.90.00	Other kinds of tropical woods
4403.99.10.00	Baulks, Oth Meranti, Beech, Oak, Ramin, Keruing, Kapur
4403.99.90.90	Other pulp, baulk, sawlog, pit props, poles of Meranti, Ramin, Keruing, Kapur
4403.99.91.00	Wood in the rough of Pulai group
4403.99.94.00	Wood in the rough of Iron group
4403.99.95.00	Other wood in the rough of Sandalwood, Laka
4403.99.96.00	Other wood in the rough of Kuku, Perupuk, Sonokeling, Sonokembang
4403.99.97.00	Other wood in the rough of Giam, Jeunjing/Sengon, Johar, Karet
4403.99.98.00	Other wood in the rough of Cempakadurian Burung, Rengas, Sindur
4403.99.99.00	Wood in the rough of other woods
Sawnwood	
4407.21.00.10	Mahogany, planed, thickness > 6 mm
4407.21.00.20	Mahogany, sanded or end-jointed, thickness > 6mm
4407.21.00.90	Mahogany, other planed, sanded end-jointed, thickness > 6mm
4407.22.00.10	Virola, Imbuia and Balsa, planed, thickness > 6mm
4407.24.10.00	Sawn lengthwise but not planed, sanded of Virola, Mahogany
4407.24.20.00	Sliced or peeled but not planed, sanded of Virola, Mahogany
4407.24.30.00	Virola, Mahogany for parquet flooring
4407.24.90.00	Other form of Virola, Mahogany
4407.25.10.00	Sawn lengthwise but not planed, sanded of Dark Red Meranti
4407.25.10.10	Dark Meranti/Light Red Meranti, planed, thickness > 6 mm
4407.25.10.90	Dark Meranti/Light Red Meranti, Other planed, sanded, thickness > 6mm
4407.25.20.00	Sliced or peeled but not planed, sanded of Dark Red Meranti
4407.25.20.20	Meranti Bakau, sanded or end-jointed, thickness > 6 mm
4407.25.20.90	Meranti Bakau, other sanded end-jointed and planed, thickness > 6mm
4407.25.30.00	Dark Red Meranti for parquet floor
4407.25.90.00	Other form of Dark Red Meranti
4407.26.00.10	White Lauan, Meranti, Seraya, Yellow Meranti and Alan, planed, thickness > 6mm
4407.26.00.20	White Lauan, Meranti, Seraya, Yellow Meranti and Alan, planed, thickness > 6mm
4407.26.00.90	White Lauan, Meranti, Seraya, Yellow Meranti, Alan, other planed and sanded, thickness > 6mm
4407.26.11.00	Sawn lengthwise but not planed of White Meranti
4407.26.12.00	Sawn lengthwise but not planed of Yellow Meranti
4407.26.19.00	Sawn lengthwise but not planed of other White Lauan
4407.26.21.00	Sliced or peeled but not planed of White Meranti
4407.26.29.00	Sliced or peeled but not planed of other White Lauan
4407.26.31.00	Parquet flooring of White Meranti
4407.26.39.00	Parquet flooring of other White Lauan
4407.26.91.00	Other forms of White Meranti, n.e.s.
4407.26.99.00	Other forms of White Lauan, n.e.s.
4407.27.00.90	Sapelli other planed, sanded or end-jointed, thickness > 6mm
4407.28.00.90	Iroko other planed, sanded or end-jointed, thickness > 6 mm
4407.29.11.00	Sawn lengthwise but not planed of Teak
4407.29.11.10	Wood, planed of jelutong, thickness > 6 mm
4407.29.11.20	Wood, sanded or end-jointed of jelutong, thickness > 6mm
4407.29.12.00	Sawn lengthwise but not planed of Ramin
4407.29.13.00	Sawn lengthwise but not planed of Jongkong, Jelutong, Kapur

Species Code	Description
4407.29.19.00	Jelutong, other planed and sanded or end-jointed, thickness > 6 mm
4407.29.21.00	Sliced or peeled but not planed of Teak
4407.29.21.10	Kapur (*Dryobalanops* spp.), planed, thickness > 6 mm
4407.29.21.20	Wood, sanded or end-jointed of Kapur (*Dryobalanops* Spp.), thickness > 6mm
4407.29.23.00	Sliced or peeled but not planed of Jongkong, Jelutong, Kapur
4407.29.29.00	Kapur (*Dryobalanops* spp.), other planed and sanded or end-jointed, thickness > 6 mm
4407.29.31.00	Parquet flooring of Teak
4407.29.31.10	Kempas, planed, thickness > 6 mm
4407.29.31.20	Kempas, sanded or end-jointed, thickness > 6 mm
4407.29.32.00	Parquet flooring of Ramin
4407.29.33.00	Parquet flooring of Jongkong, Jelutong, Kapur
4407.29.39.00	Kempas, other planed and sanded or end-jointed, thickness > 6 mm
4407.29.41.10	Keruing, planed, thickness > 6mm
4407.29.41.20	Keruing, sanded or end-jointed, thickness > 6 mm
4407.29.49.00	Keruing, other planed and sanded or end-jointed, thickness > 6 mm
4407.29.61.10	Teak, planed, thickness > 6 mm
4407.29.61.20	Teak, sanded or end-jointed
4407.29.69.00	Teak, other planed and sanded or end-jointed, thickness > 6mm
4407.29.70.10	Balau, planed, thickness > 6 mm
4407.29.91.00	Other forms of Teak
4407.29.91.10	Jongkong and Merbau, planed, thickness > 6 mm
4407.29.91.20	Jongkong and Merbau, sanded or end-jointed, thickness > 6 mm
4407.29.92.00	Jongkong and Merbau, other planed sanded or end-jointed, thickness > 6mm
4407.29.93.00	Other forms of Jongkong, Jelutong, Kapur
4407.29.99.00	Other tropical wood, other sanded or end-jointed and planed, thickness > 6mm
4407.99.00.10	Other wood sawn or chipped lengthwise, sliced or peeled, planed, thickness > 6 mm
4407.99.00.20	Other wood sawn or chipped lengthwise, sanded or end-jointed, Thickness > 6 mm
4407.99.00.90	Other wood sawn or chipped lengthwise, planed or sanded, Thickness > 6 mm
4407.99.15.00	Sawn lengthwise but not planed of Balau; Bangkirai;
4407.99.19.00	Sawn lengthwise but not planed of other wood
4407.99.99.50	Other wood sawn of Balau/Damar Lautbangkirai for other purposes
4407.99.99.90	Other wood sawn of other wood for other purposes
Veneer	
4408.31.00.00	Dark Red Meranti, Light Red Meranti and Meranti Bakau
4408.31.10.00	Veneer sheets of Dark Red Meranti, rotary peeled
4408.31.90.00	Other veneer sheets of Dark Red Meranti
4408.39.10.00	Jelutong wood slats prepared for pencil manufacturing
4408.39.90.00	Other Jelutong wood and other wood prepared for pencil manufacturing
4408.39.90.00	Other veneer sheets of tropical wood in other forms n.e.s.
4408.90.00.00	Other sheets for veneering and of tropical wood of a thickness not exceeding 6 mm
4408.90.10.00	Veneer sheets of other wood, peeled by rotaring
4408.90.90.00	Other veneer sheets of other woods
4409.21.00.00	Non-coniferous wood cot in shaped of Bamboo
4409.29.00.00	Other non-coniferous other Teak strips friezes for parquet flooring
Plywood	
4412.13.00.00	Plywood with at least one outer ply of tropical wood with at least 6 mm thickness
4412.14.00.00	Other plywood with at least 6 mm thickness, with at least one ply of non coniferous
4412.22.00.00	Other plywood with at least one ply tropical wood containing particle board
4412.23.00.00	Other plywood with at least one ply of non-coniferous wood
4412.29.00.00	Other plywood containing particle wood with at least 1 ply tropical wood

APPENDIX 4

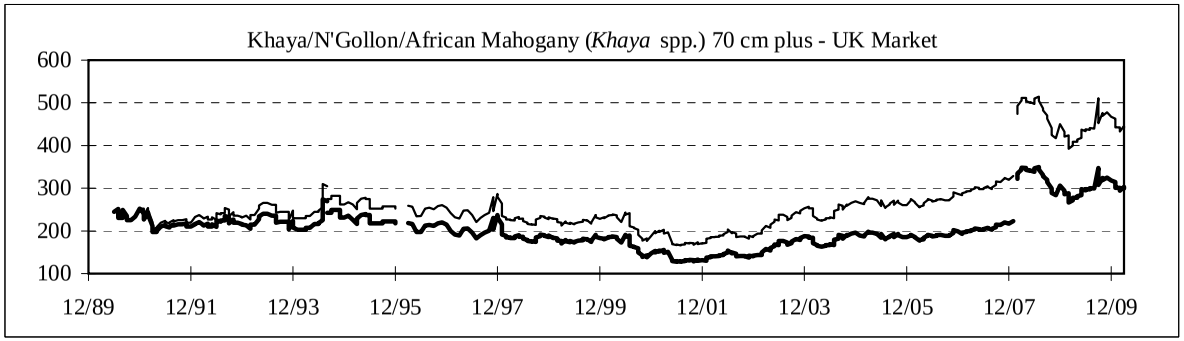
Prices of Major Topical Timber and Selected Competing Softwood Products

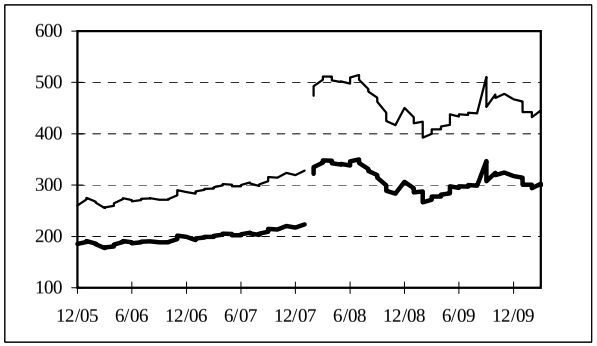
N.B. Export values/prices are FOB; import values are CIF, unless otherwise stated.

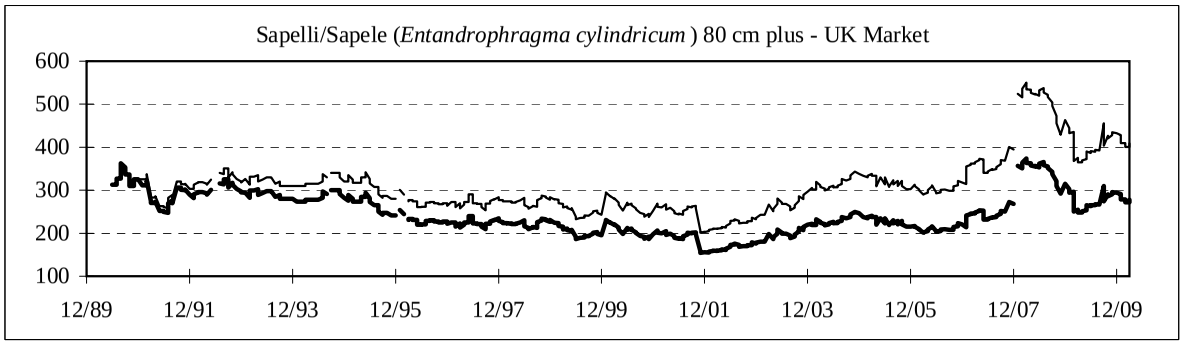
4-1-a. Price of Cameroon Logs, 1990-2010

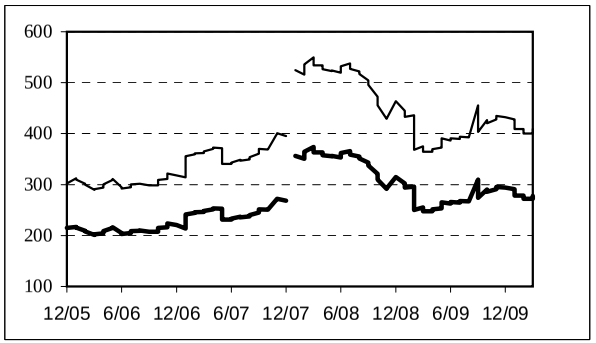
Bold lines show FOB prices in constant 1990 US$ per cubic meter (deflated by the IMF's Consumer Price Index for industrial countries). Normal lines show nominal FOB price trends. Graphs on this page show major log export species from Cameroon. Grades are Loyal et Marchand or equivalent.

The price series to December 2007 has been discontinued. A new price series was initated in January 2008 based on a wider sample size.



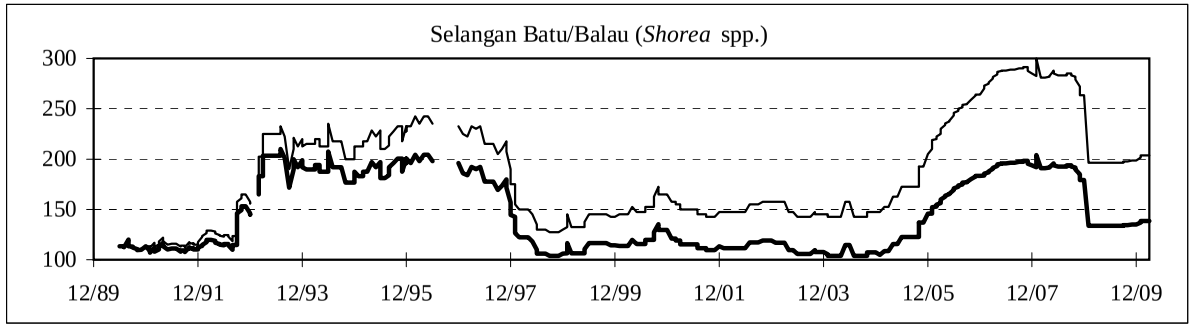


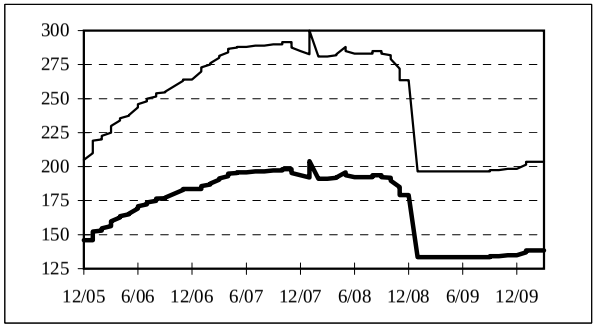


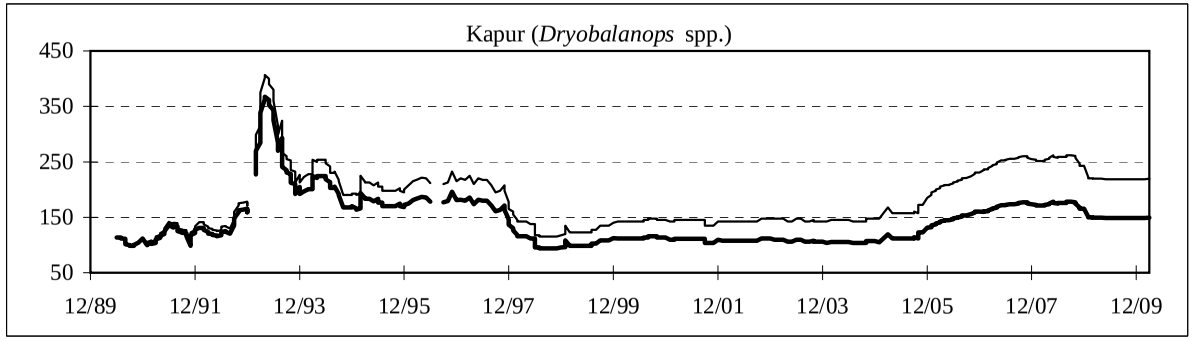


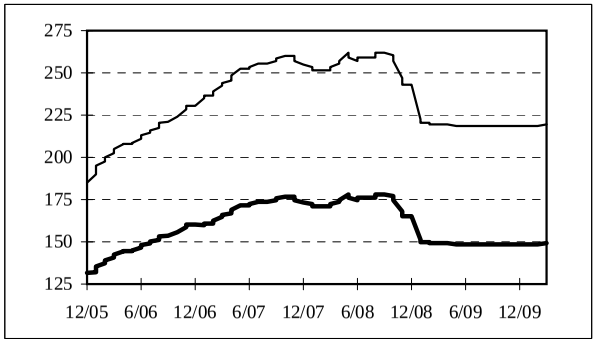
4-1-b. Price of Malaysian Logs, 1990-2010

Bold lines show FOB prices in constant 1990 US$ per cubic meter (deflated by the IMF's Consumer Price Index for industrial countries). Normal lines show nominal FOB price trends. Graphs on this page show major log export species from Malaysia. Grades are Sawmill Quality and up.



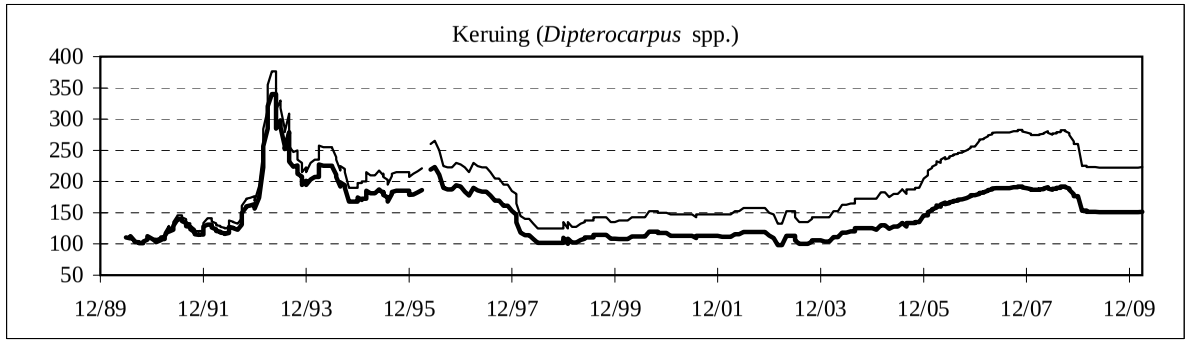


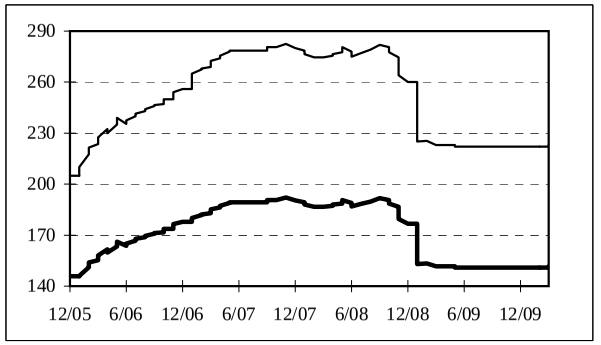


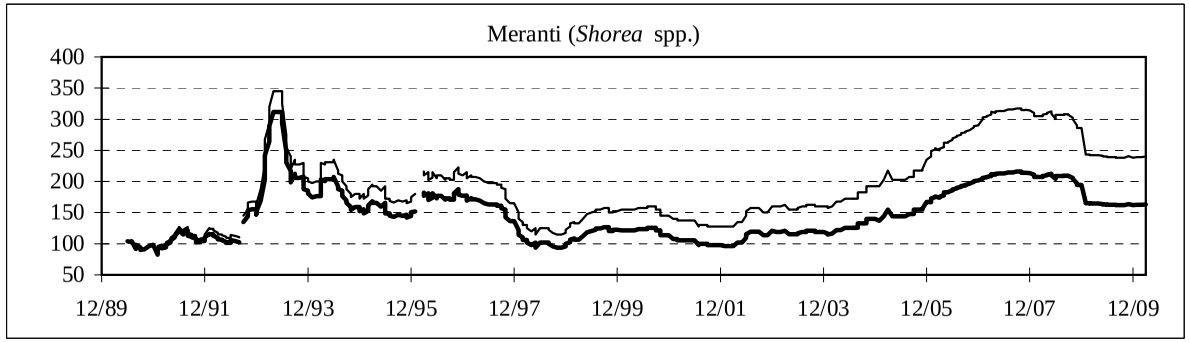


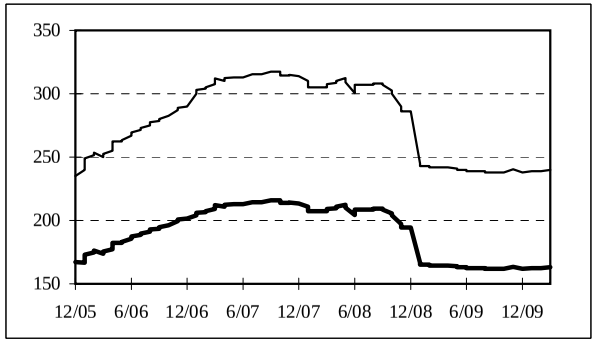
4-1-b. Price of Malaysian Logs (cont.), 1990-2010

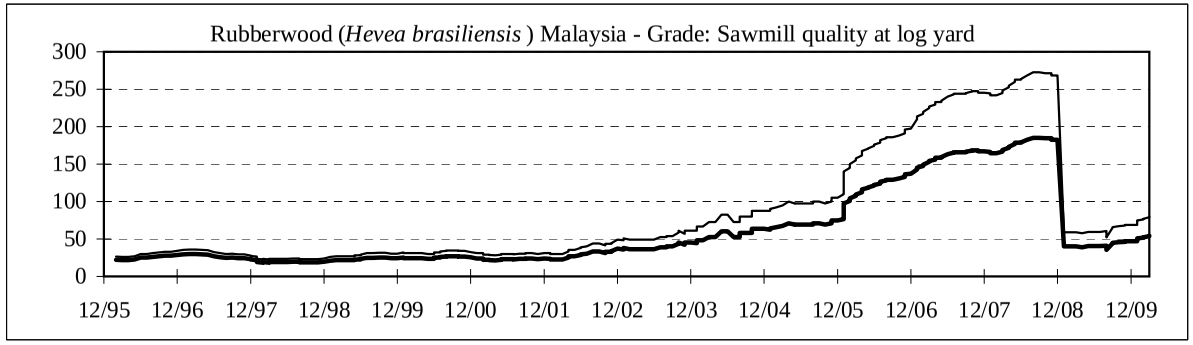
Bold lines show FOB prices for Keruing and Meranti and domestic prices for Rubberwood in constant 1990 US$ per cubic meter (deflated by the IMF's Consumer Price Index for industrial countries). Normal lines show nominal FOB price trends. Graphs on this page show major log export species from Malaysia. Grades are Sawmill Quality and up.

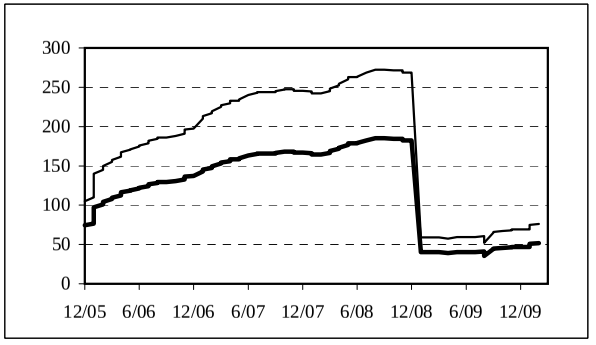






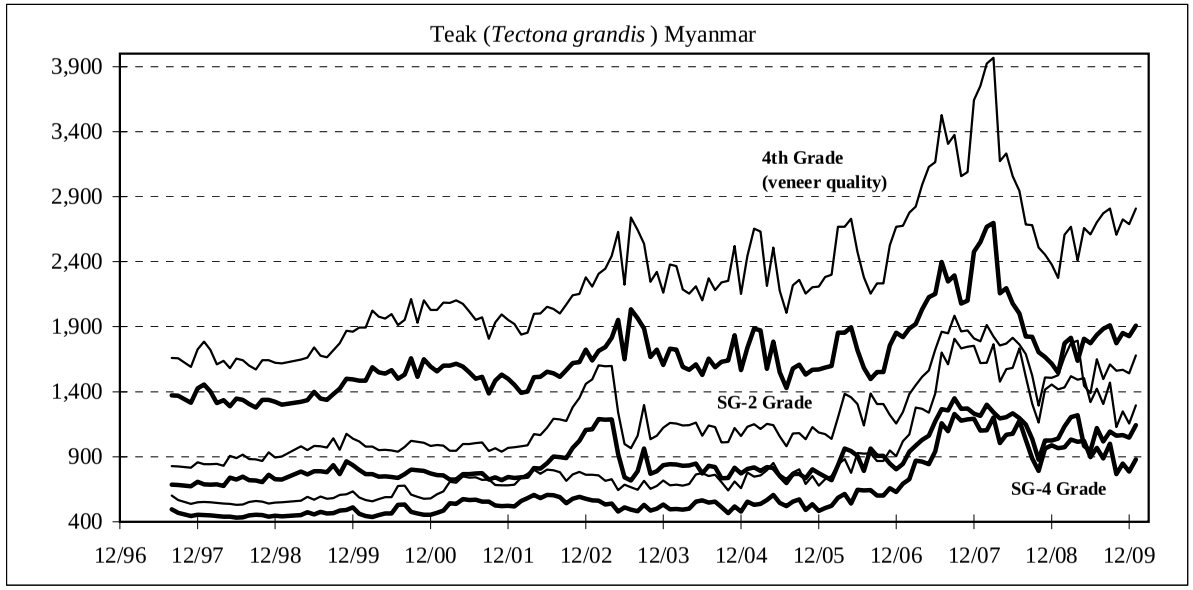


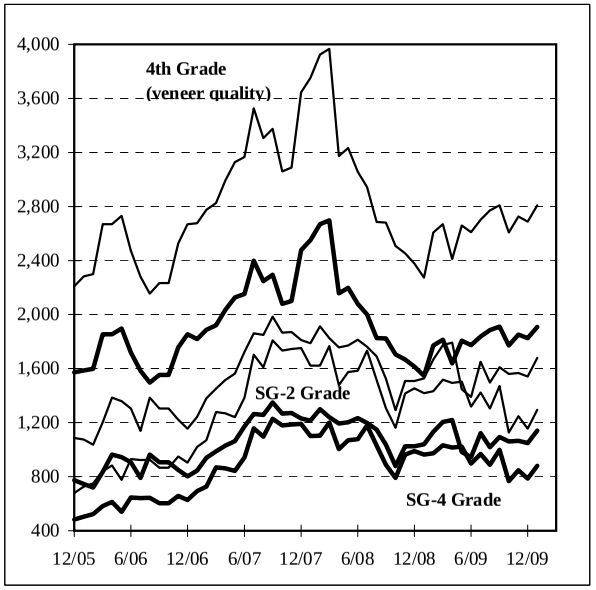




4-1-c. Price of Myanmar Teak Logs, 1997-2010

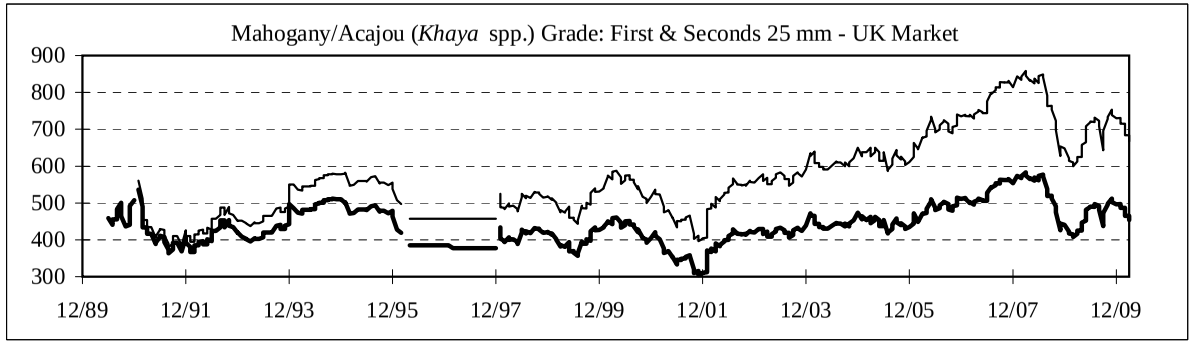
Bold lines show FOB prices for three Teak grades in constant 1990 US$ per cubic meter (deflated by the IMF's Consumer Price Index for industrial countries). Normal lines show nominal FOB and domestic prices trends for these species, respectively.

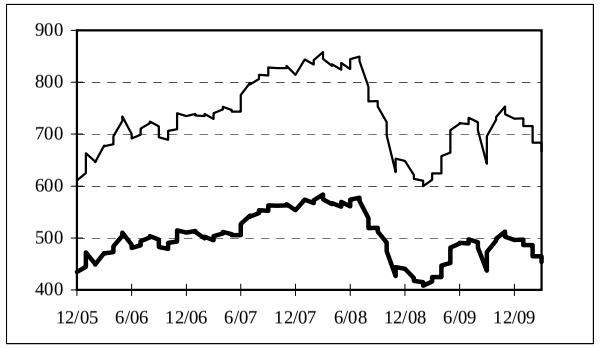


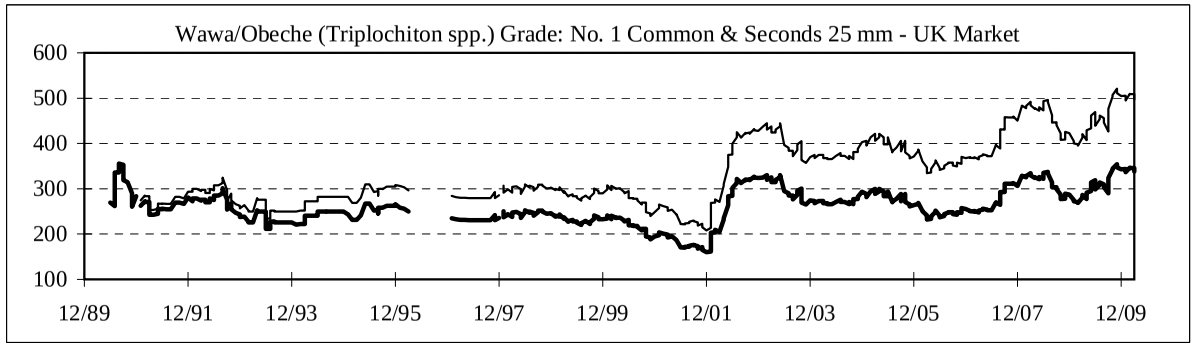


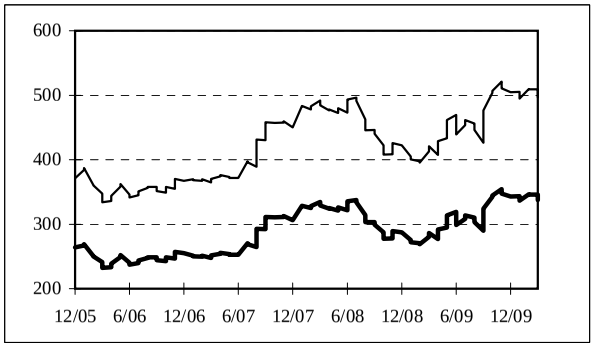
4-2-a. Price of Ghanaian Sawnwood, 1990-2010

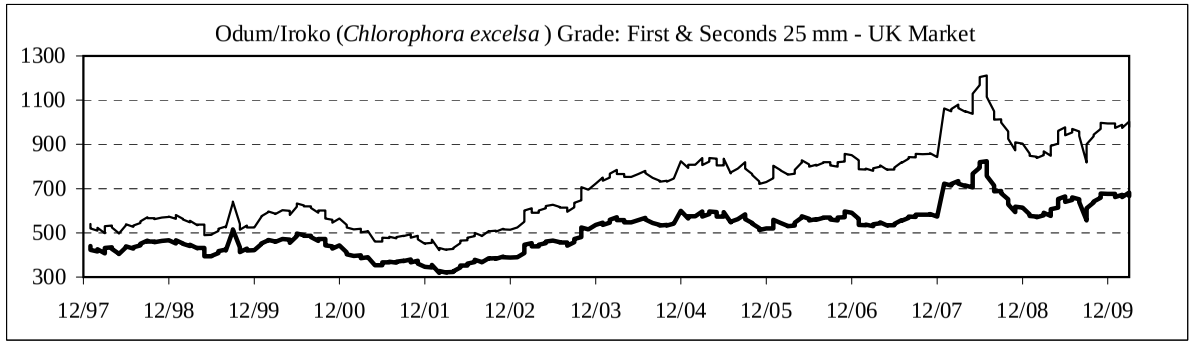
Bold lines show FOB prices in constant 1990 US$ per cubic meter (deflated by the IMF's Consumer Price Index for industrial countries). Normal lines show nominal FOB price trends**The price series to December 2007 has been discontinued. A new price series was initated in January 2008 based on a wider sample size.**

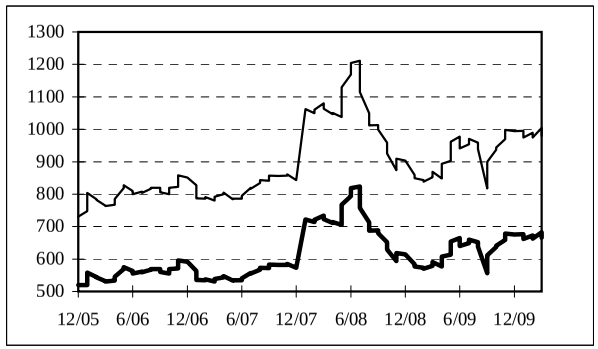






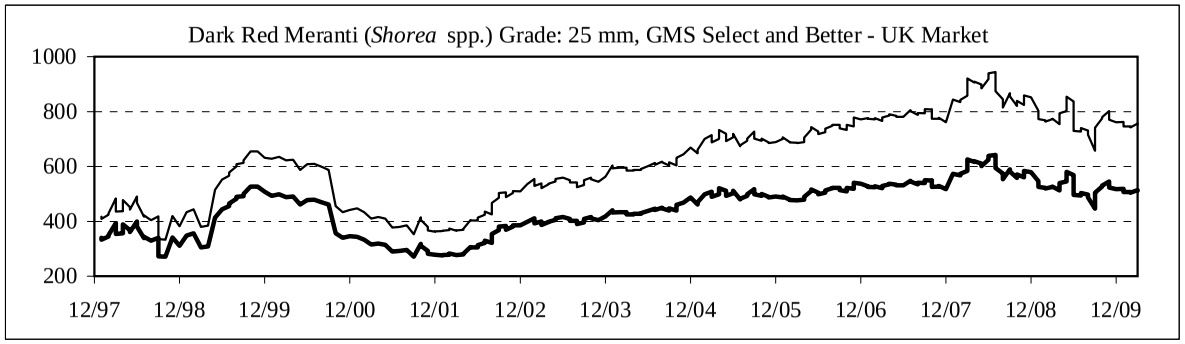


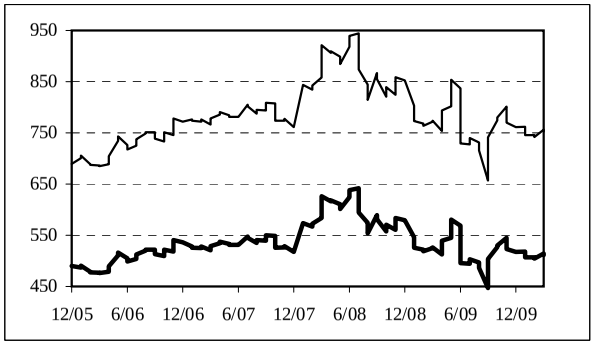


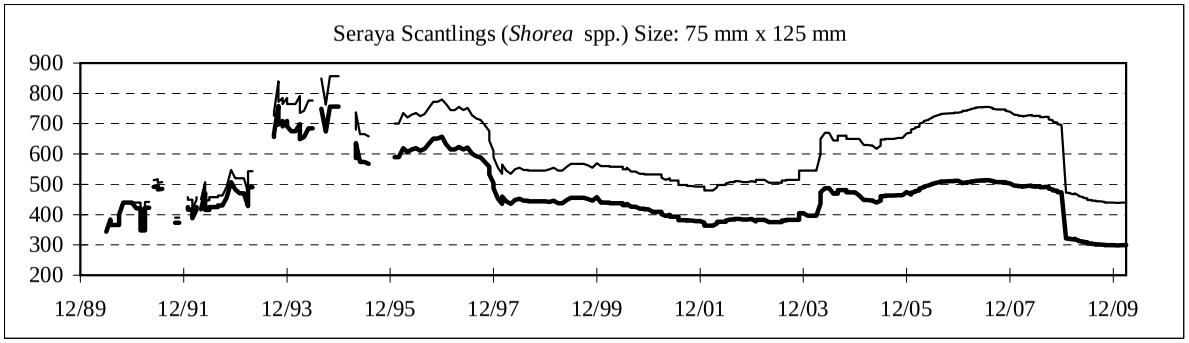


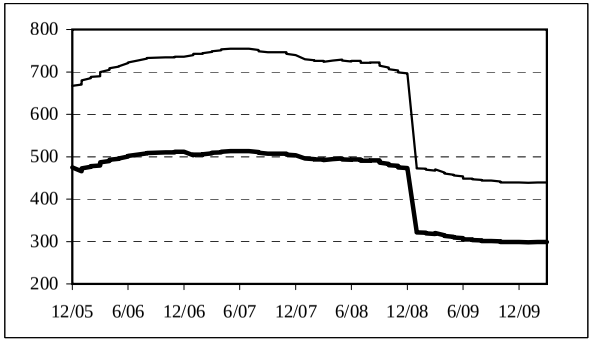
4-2-b. Price of Malaysian Sawnwood, 1990-2010

Bold lines show FOB prices in constant 1990 US$ per cubic meter (deflated by the IMF's Consumer Price Index for industrial countries). Normal lines show nominal FOB price trends. Grades are Kiln Dried.



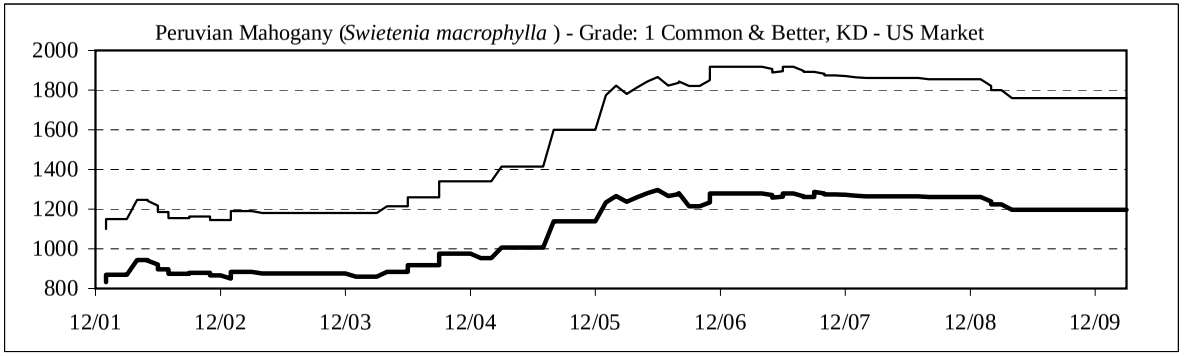


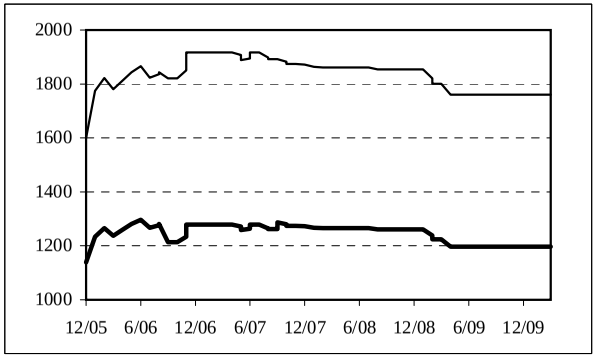


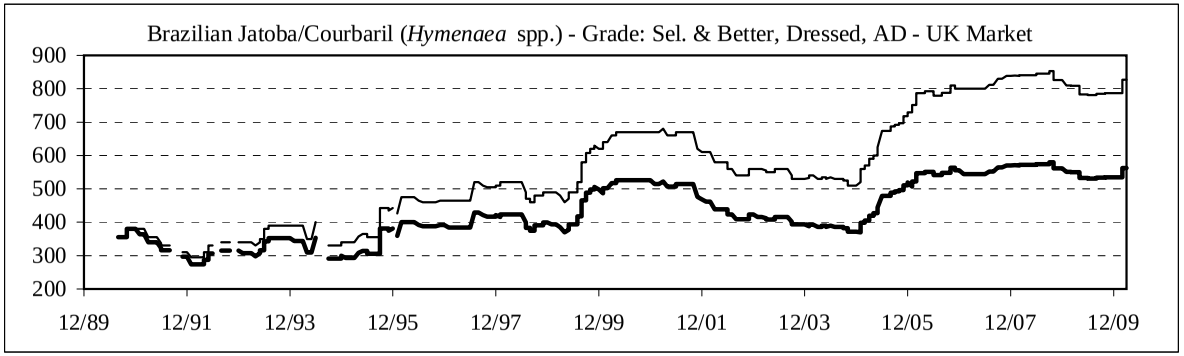


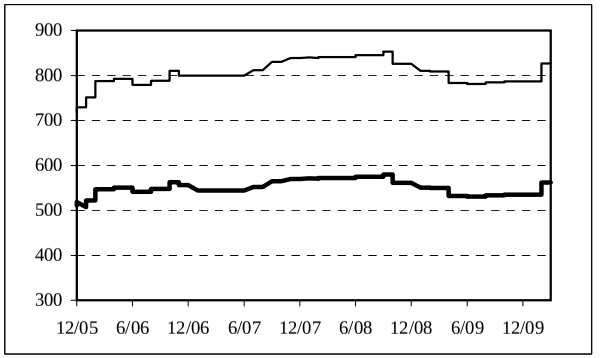
4-2-c. Price of Latin American Sawnwood, 1990-2010

Bold lines show FOB prices in constant 1990 US$ per cubic meter (deflated by the IMF's Consumer Price Index for industrial countries). Normal lines show nominal FOB price trends.



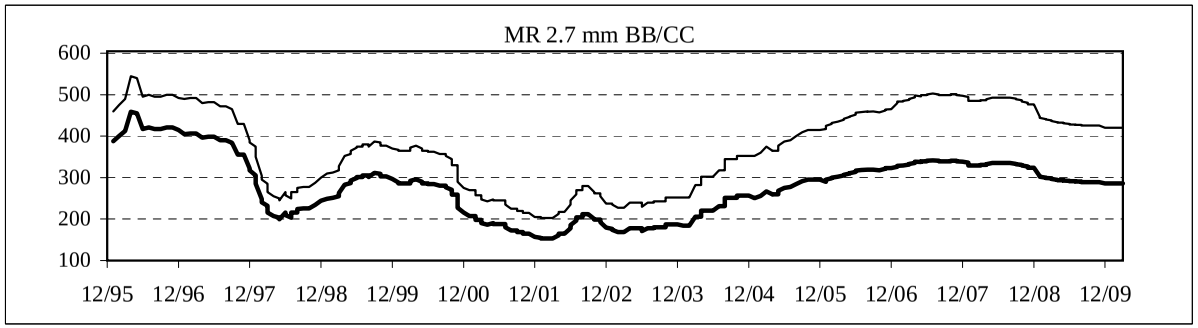


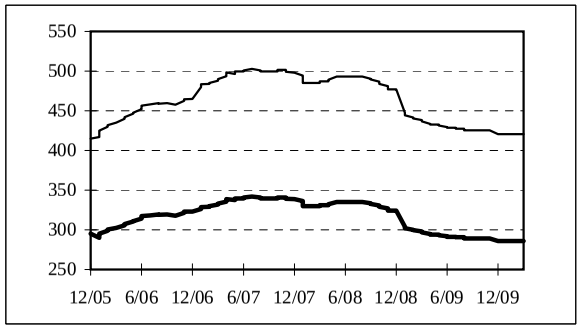


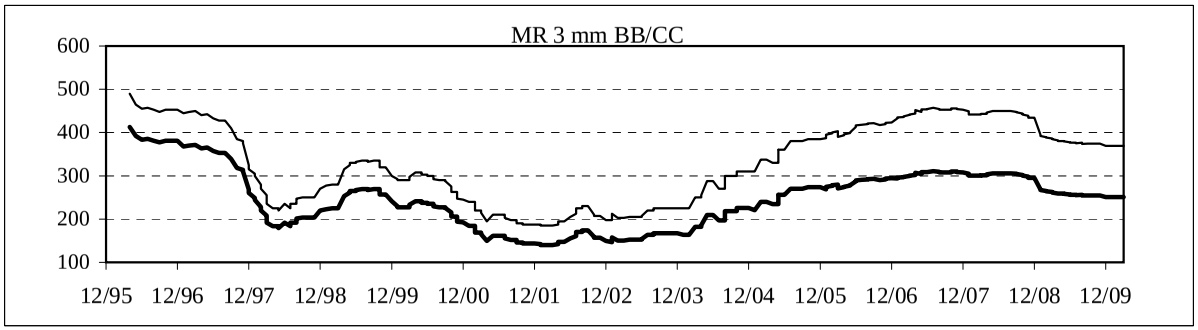


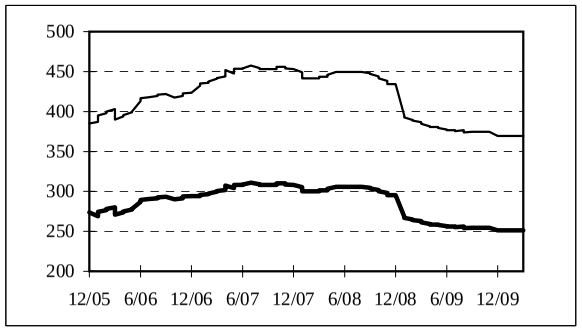
4-3-a. Price of Indonesian Plywood, 1996-2010

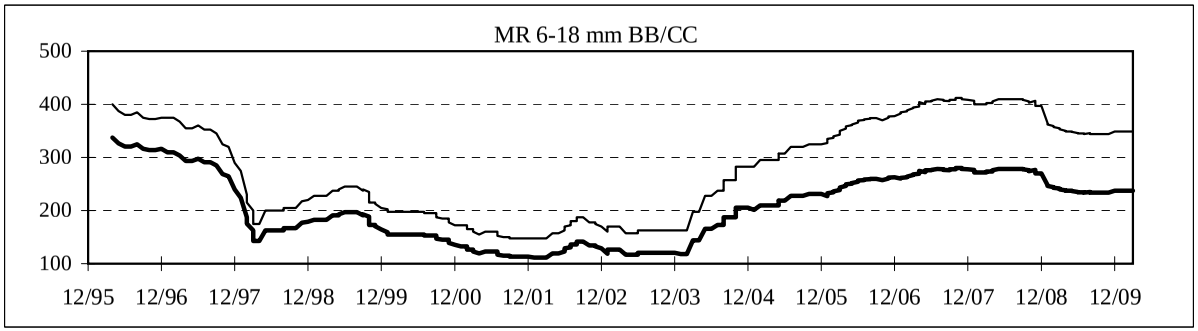
Bold lines show FOB prices in constant 1990 US$ per cubic meter (deflated by the IMF's Consumer Price Index for industrial countries). Normal lines show nominal FOB price trends.

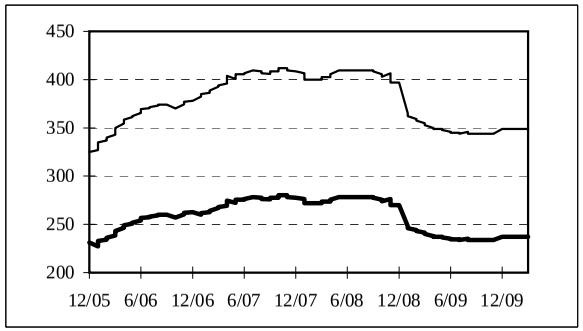






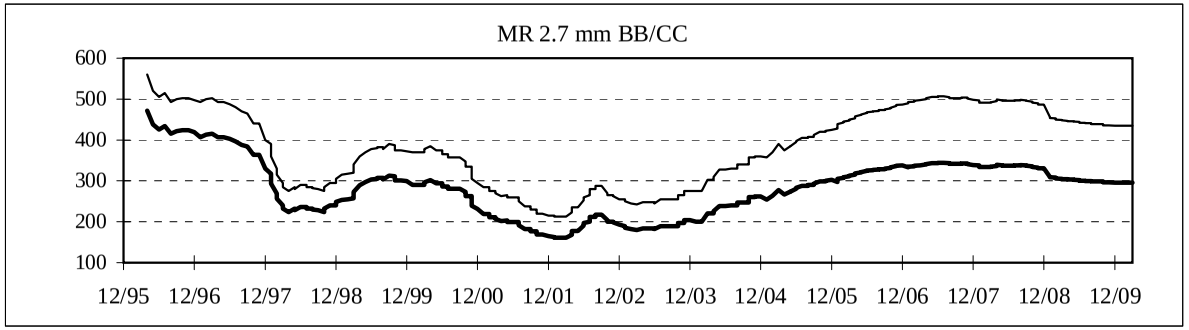


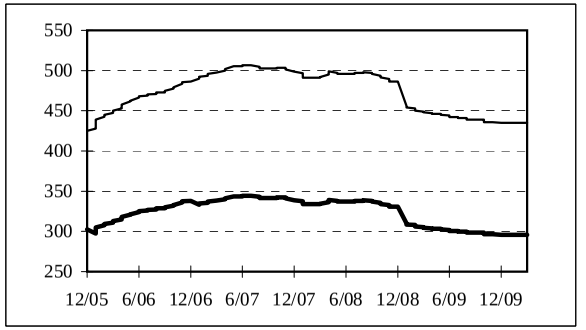


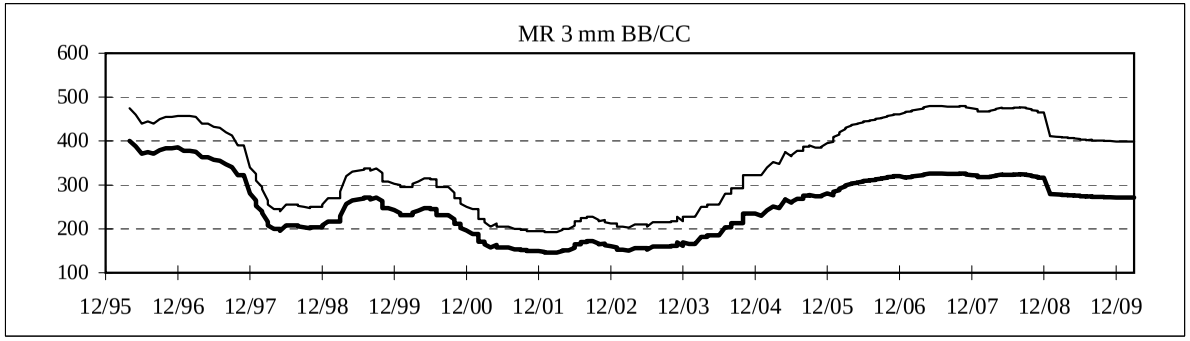


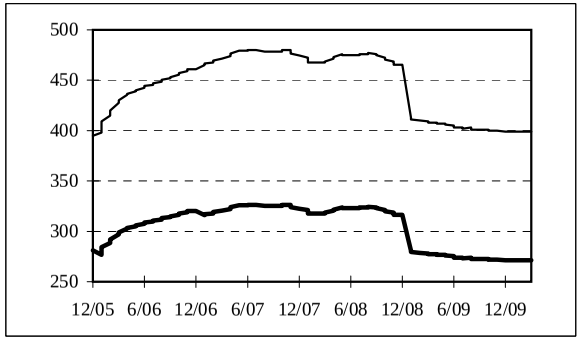
4-3-b. Price of Malaysian Plywood, 1996-2010

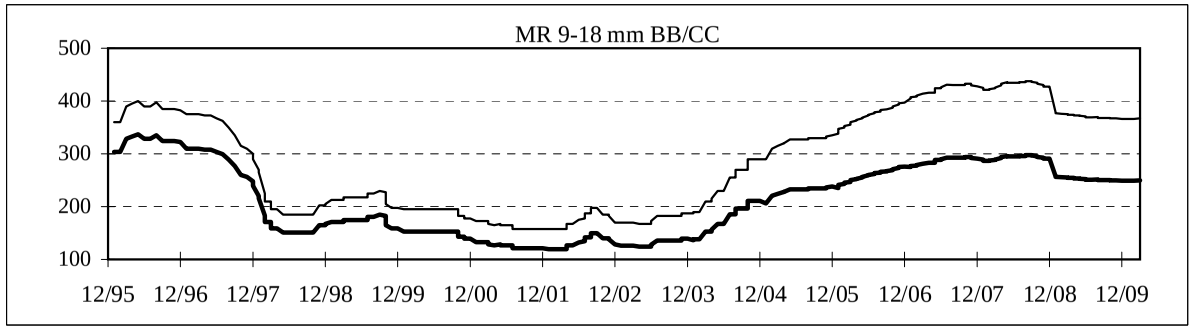
Bold lines show FOB prices in constant 1990 US$ per cubic meter (deflated by the IMF's Consumer Price Index for industrial countries). Normal lines show nominal FOB price trends.

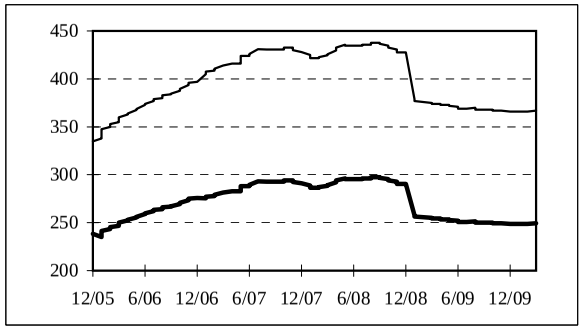






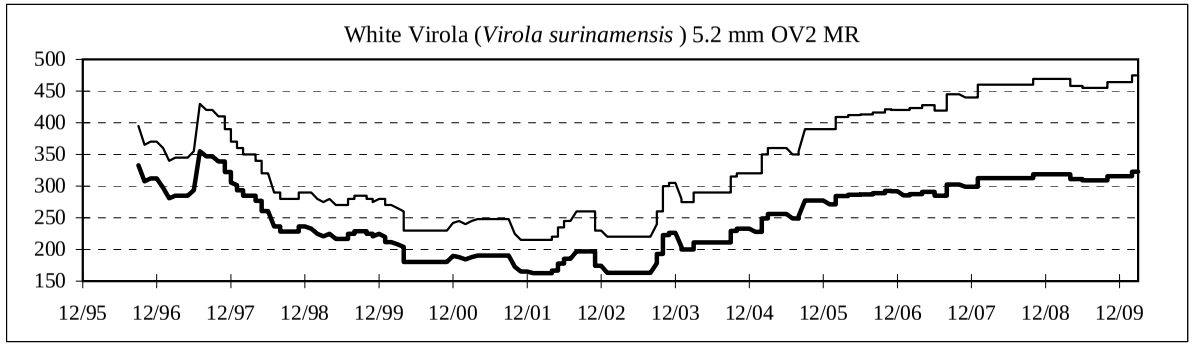


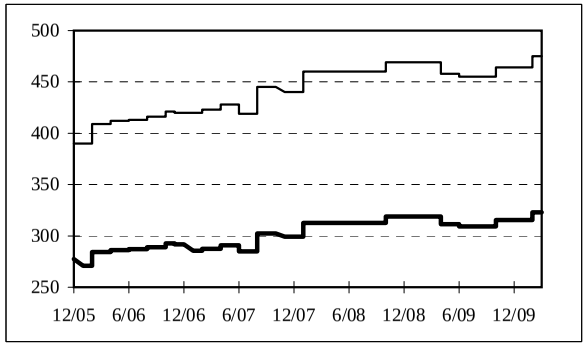


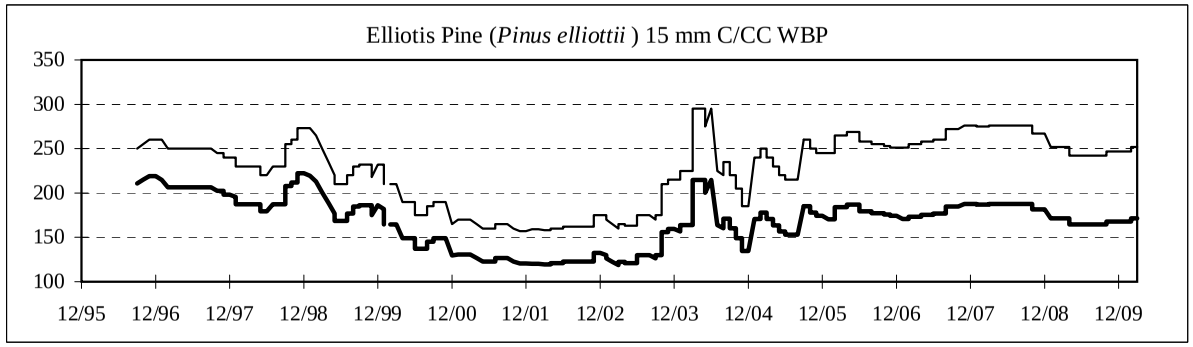


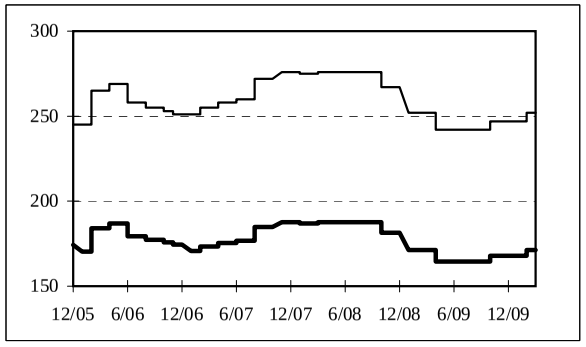
4-3-c. Price of Brazilian Plywood, 1996-2010

Bold lines show FOB prices in constant 1990 US$ per cubic meter (deflated by the IMF's Consumer Price Index for industrial countries). Normal lines show nominal FOB price trends.



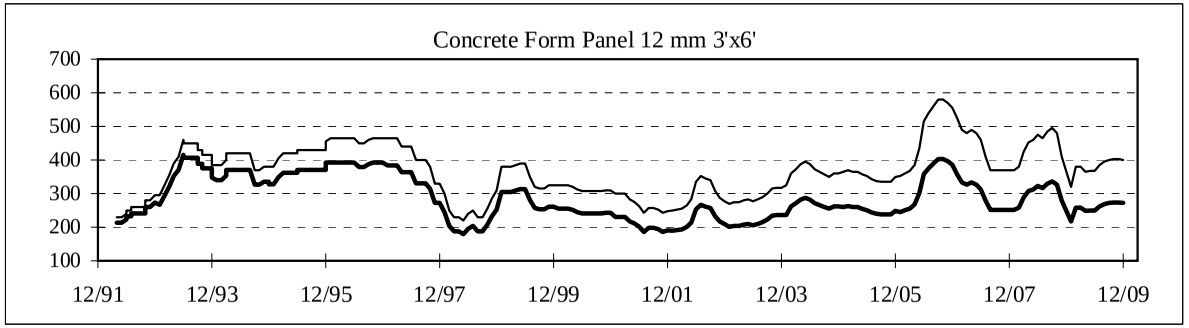


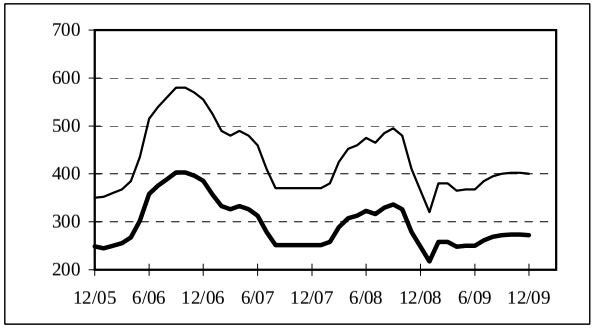


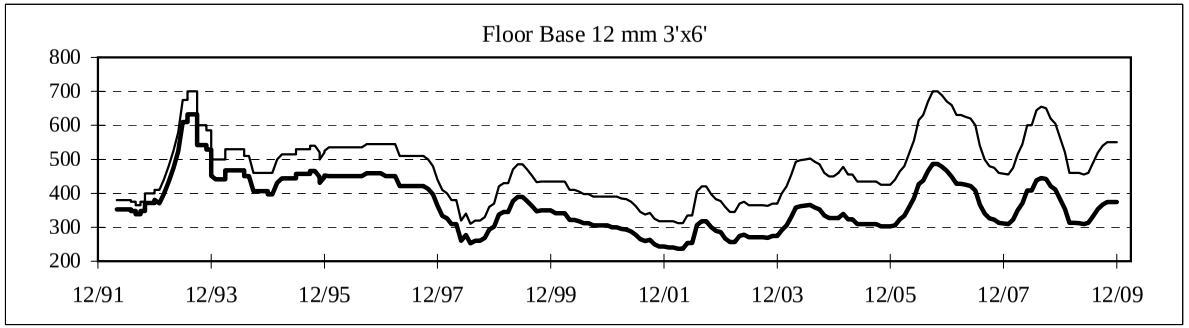


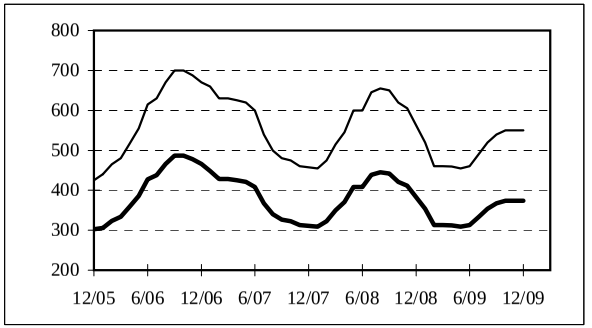
4-3-d. Price of Japanese Plywood Imports, 1992-2010

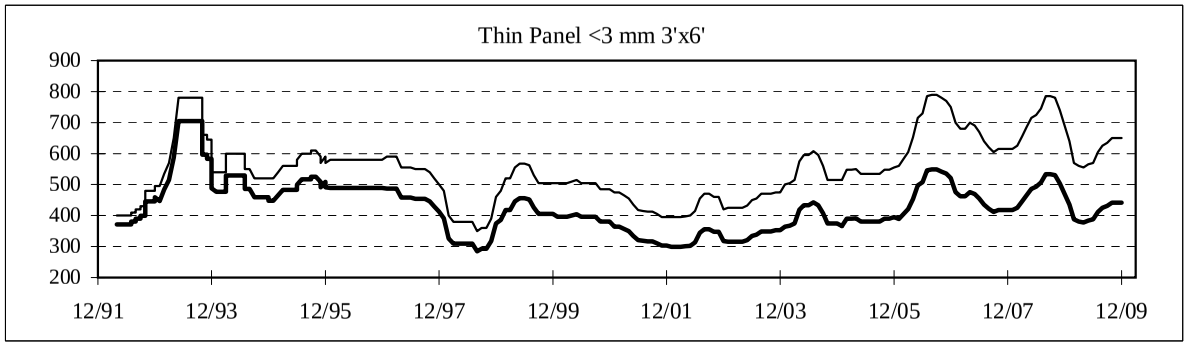
Bold lines show prices in constant 1990 US$ per cubic meter (deflated by the IMF's Consumer Price Index for industrial countries). Normal lines show nominal price trends. All prices are C&F to Japan from Indonesia. Grades for all products are B/BB Moisture Resistant.

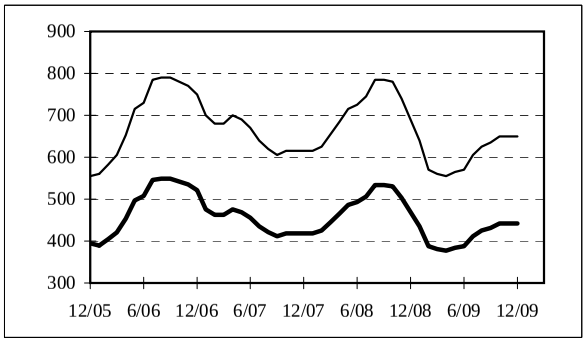






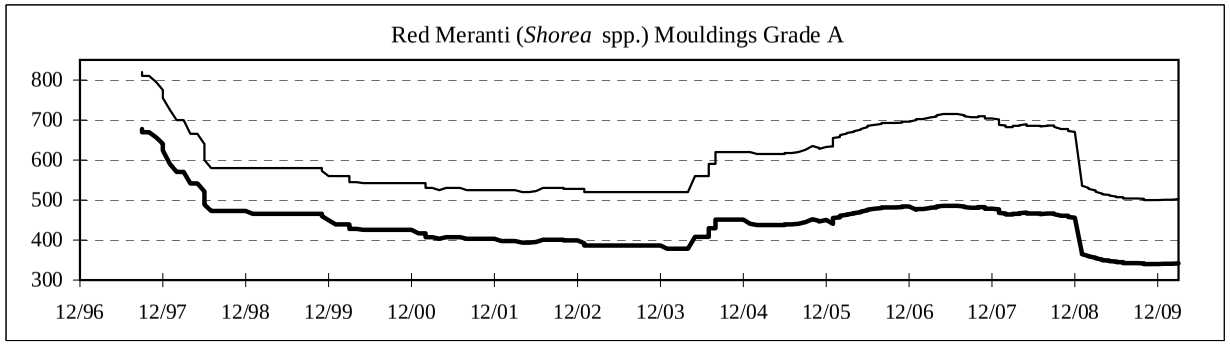


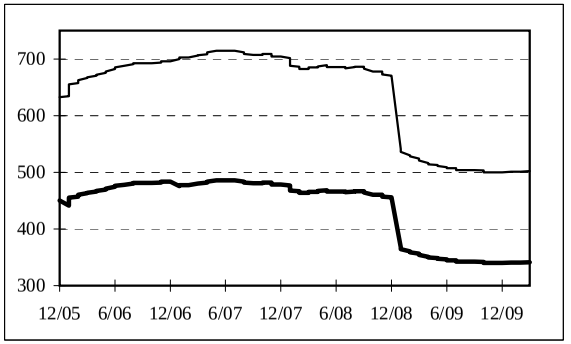


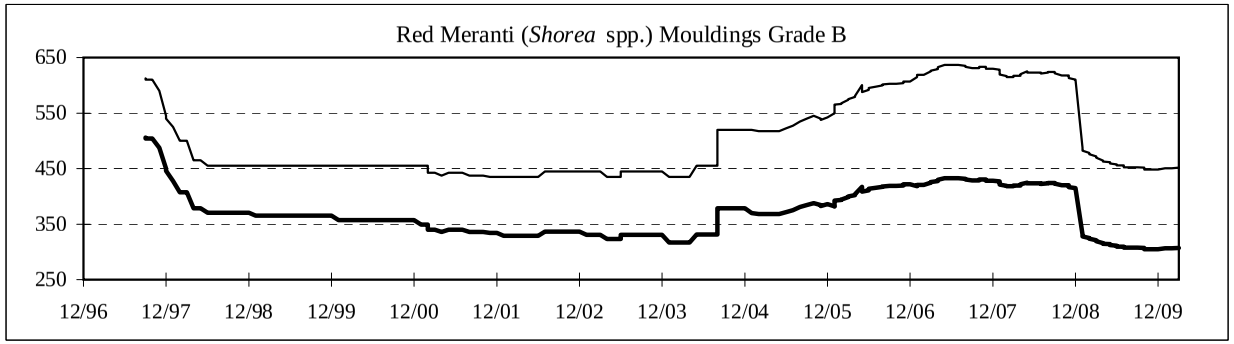


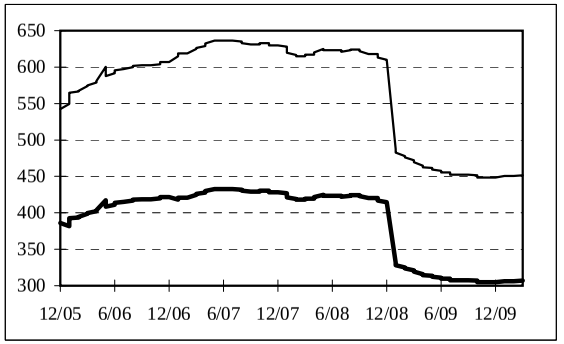
4-4-a. Price of Secondary Processed Sawnwood Products from Indonesia, 1997-2010

Bold lines show prices in constant 1990 US$ per cubic meter (deflated by the IMF's Consumer Price Index for industrial countries). Normal lines show nominal price trends. All prices are FOB, Indonesia.



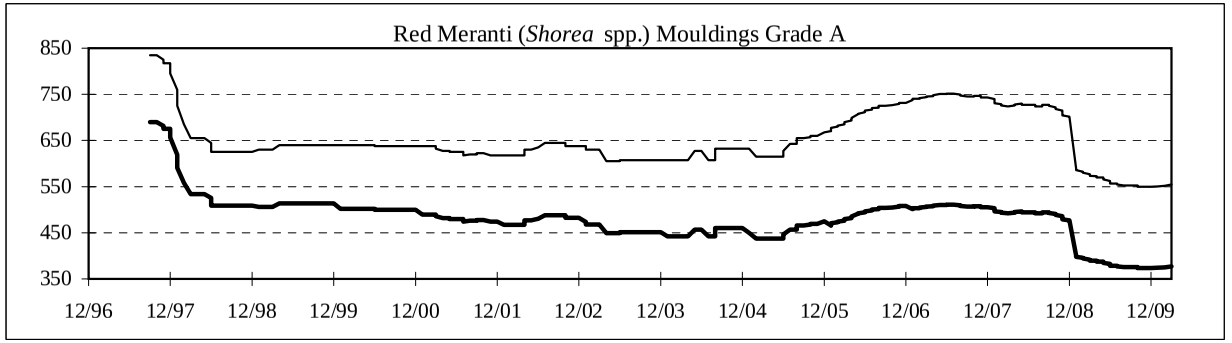


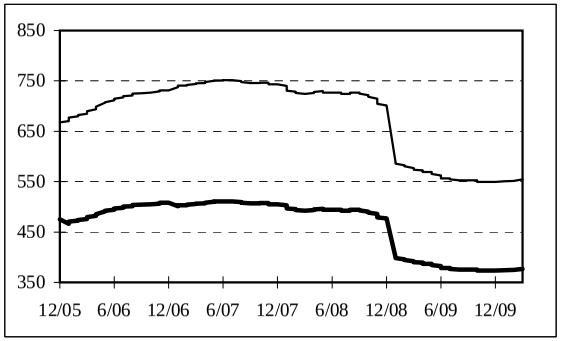


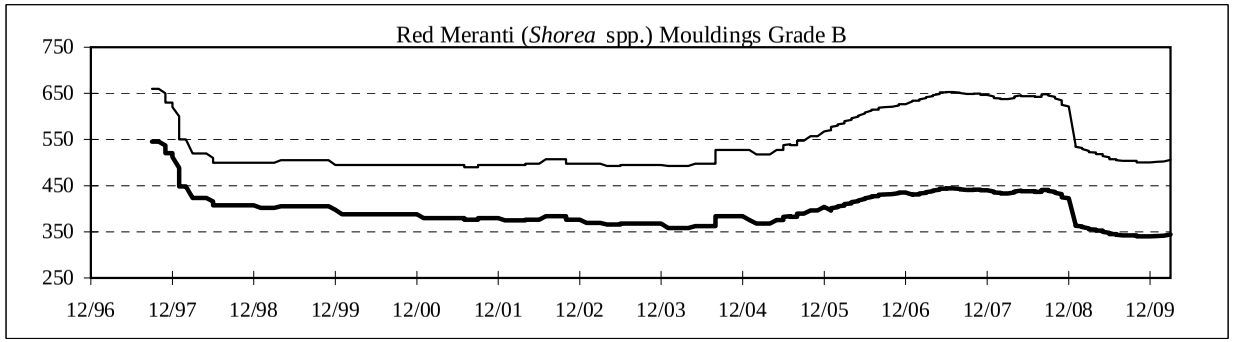


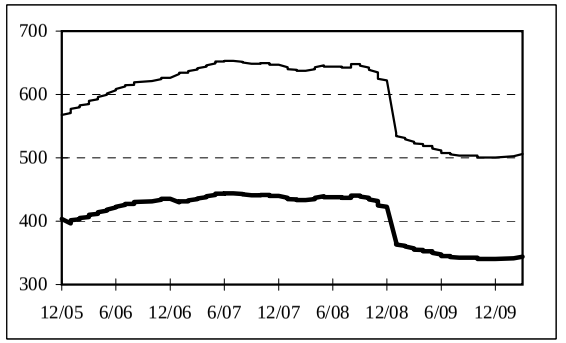
4-4-b. Price of Secondary Processed Sawnwood Products from Malaysia, 1997-2010

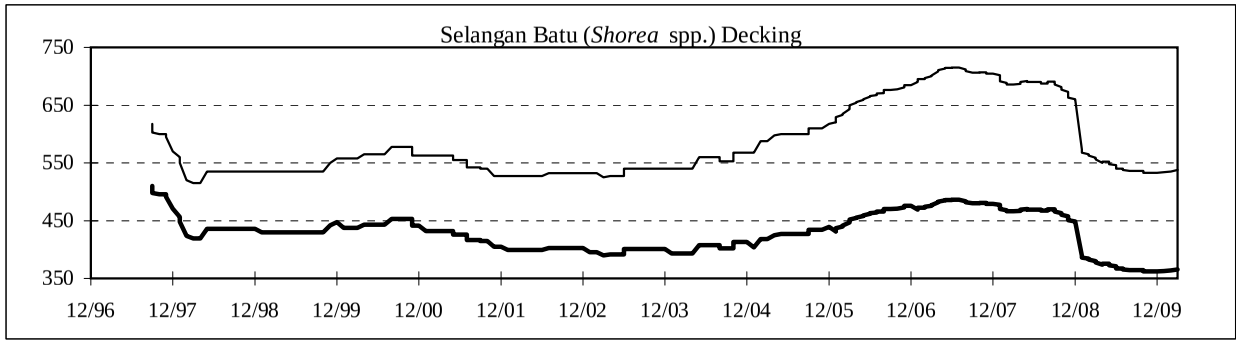
Bold lines show prices in constant 1990 US$ per cubic meter (deflated by the IMF's Consumer Price Index for industrial countries).
Normal lines show nominal price trends. All prices are FOB, Malaysia.

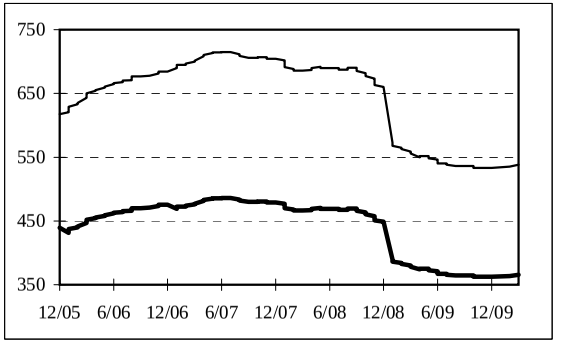






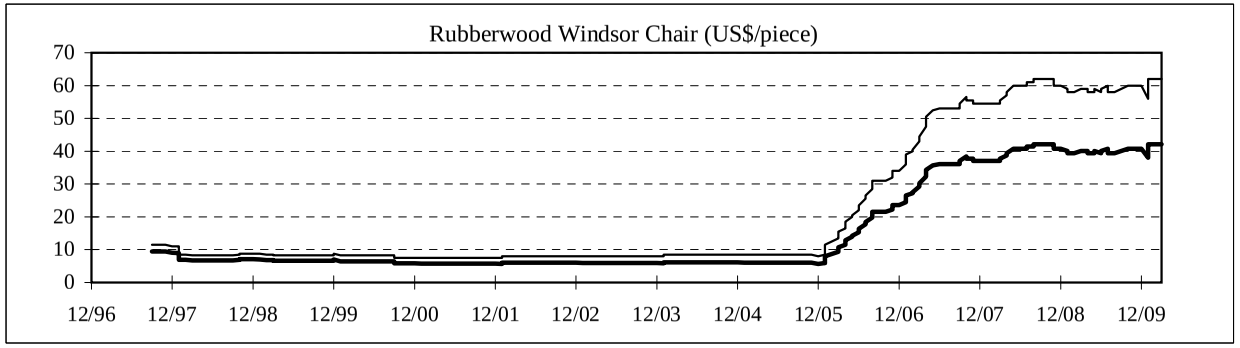


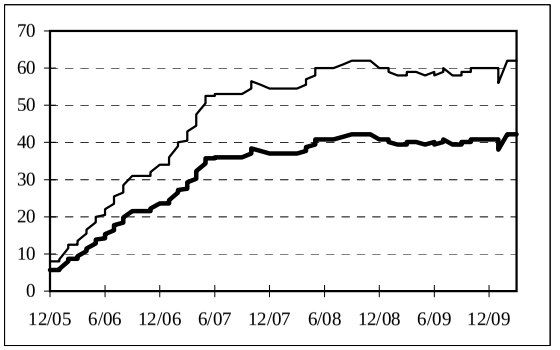


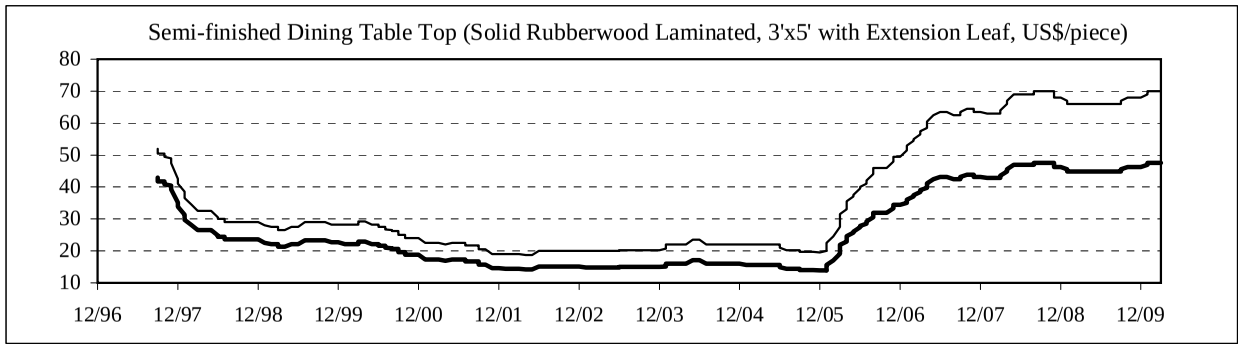


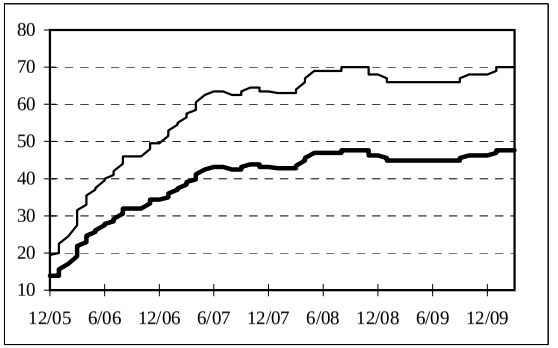
4-4-c. Price of Furniture and Furniture Parts from Malaysia, 1997-2010

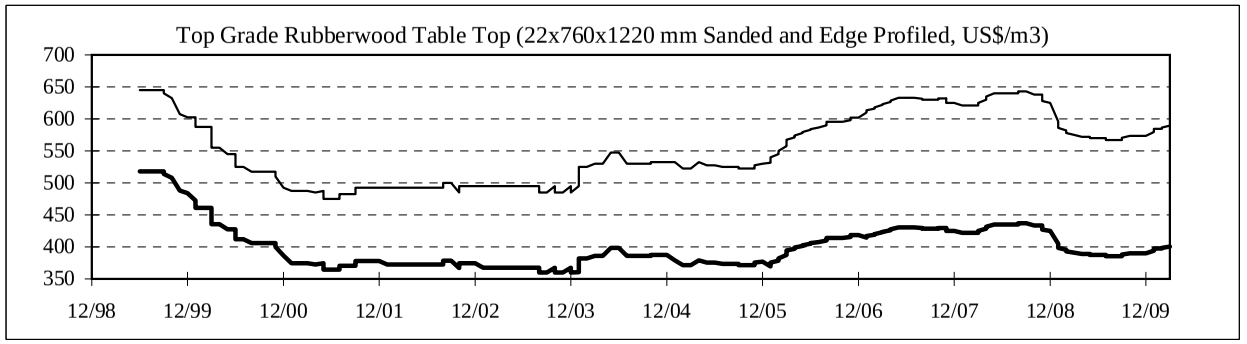
Bold lines show prices in constant 1990 US$ (deflated by the IMF's Consumer Price Index for industrial countries). Normal lines show nominal price trends. All prices are FOB, Malaysia.

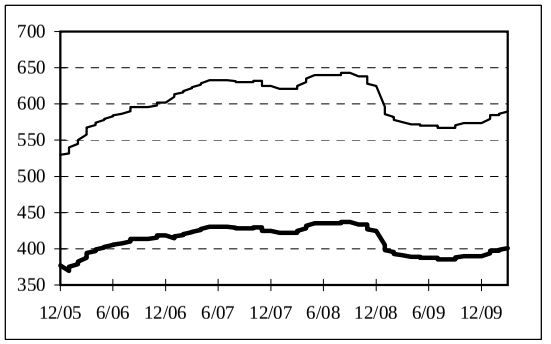












APPENDIX 5

Trade in Secondary Processed Wood Products, 2004-2008

N.B. Export values/prices are FOB; import values are CIF, unless otherwise stated.

SPWP Categories and International Trade Nomenclature Classification				
SPWP Category	**Description**	**Classification**		
		SITC Rev.3	**HS 96/HS 02**	**HS 07**
Wooden furniture and parts	– Seats, not elsewhere stated (n.e.s), with wooden frames, – Furniture, n.e.s. of wood	821.16 821.5	9401.61, 9401.69 9403.30, 9403.40, 9403.50, 9403.60	Same Same
Builders' woodwork	Builders' joinery and carpentry	635.3	4418	Same
Other SPWP	Packaging, cable drums, pallets, etc.	635.1	4415	Same
	Coopers' products and parts	635.2	4416	Same
	Wood products for domestic/ decorative use, excluding furniture	635.4	4414, 4419, 4420	Same
	Other manufactured wood products	635.9	4417, 4421	Same
Mouldings	Continuously shaped or profiled wood (e.g. mouldings, unassembled strips and friezes for parquet flooring, beaded wood, dowels, etc.)	248.3 248.5	4409	Same
Cane and bamboo furniture and parts	Seats of cane, bamboo, etc. Furniture of other material like bamboo	821.13 821.79	9401.50 9403.80	9401.51,9401.59 9403.81,9403.89

Table 5-1. Major Importers of Secondary Processed Wood Products [1000 US$; (% share)]											
Importer	**From**	**2004**		**2005**		**2006**		**2007**		**2008**	
European Union+	**World**	**28,071,955**		**29,579,300**		**32,141,476**		**38,257,454**		**38,801,115**	
	ITTO Prod.	3,158,721	(11)	3,389,334	(11)	3,547,585	(11)	4,078,625	(11)	3,403,890	(9)
	ITTO Con.	20,354,383	(73)	21,492,411	(73)	23,432,811	(73)	28,200,723	(74)	27,246,567	(70)
Germany	**World**	**5,690,499**		**5,994,423**		**6,321,438**		**6,564,391**		**6,811,184**	
	ITTO Prod.	402,347	(7)	443,822	(7)	464,374	(7)	522,937	(8)	491,032	(7)
	ITTO Con.	4,011,041	(70)	4,246,399	(71)	4,495,903	(71)	4,519,759	(69)	4,692,607	(69)
France, monaco	**World**	**4,040,813**		**4,452,113**		**4,780,896**		**5,910,471**		**6,504,224**	
	ITTO Prod.	463,937	(11)	542,318	(12)	544,452	(11)	679,449	(11)	683,234	(11)
	ITTO Con.	3,024,207	(75)	3,312,742	(74)	3,582,146	(75)	4,468,860	(76)	5,024,542	(77)
United Kingdom	**World**	**5,662,394**		**5,430,000**		**5,863,398**		**6,966,524**		**6,402,720**	
	ITTO Prod.	757,353	(13)	743,330	(14)	818,784	(14)	898,644	(13)	796,202	(12)
	ITTO Con.	4,210,526	(74)	4,008,524	(74)	4,328,304	(74)	5,292,258	(76)	4,859,268	(76)
Netherlands	**World**	**1,925,008**		**1,995,057**		**2,242,614**		**2,702,743**		**2,934,686**	
	ITTO Prod.	372,764	(19)	417,542	(21)	450,499	(20)	501,141	(19)	448,526	(15)
	ITTO Con.	1,315,912	(68)	1,349,241	(68)	1,526,899	(68)	1,903,294	(70)	2,146,934	(73)
Belgium	**World**	**2,025,455**		**2,110,866**		**2,231,712**		**2,714,455**		**2,924,594**	
	ITTO Prod.	253,045	(12)	260,721	(12)	275,931	(12)	320,421	(12)	286,015	(10)
	ITTO Con.	1,593,061	(79)	1,679,034	(80)	1,748,184	(78)	2,140,031	(79)	2,363,882	(81)
Italy	**World**	**1,754,621**		**1,925,758**		**2,208,422**		**2,740,076**		**2,684,992**	
	ITTO Prod.	304,250	(17)	311,493	(16)	304,401	(14)	342,282	(12)	303,344	(11)
	ITTO Con.	1,022,552	(58)	1,150,080	(60)	1,339,833	(61)	1,729,911	(63)	1,778,636	(66)
USA	**World**	**21,705,968**		**23,827,552**		**24,983,744**		**23,821,557**		**21,079,634**	
	ITTO Prod.	4,760,175	(22)	5,163,274	(22)	5,207,712	(21)	4,663,444	(20)	3,819,642	(18)
	ITTO Con.	15,553,258	(72)	16,917,616	(71)	17,763,797	(71)	17,042,813	(72)	14,970,829	(71)
Japan	**World**	**3,828,153**		**3,933,759**		**4,130,982**		**4,236,587**		**4,092,602**	
	ITTO Prod.	1,179,068	(31)	1,146,820	(29)	1,158,848	(28)	1,157,441	(27)	1,114,588	(27)
	ITTO Con.	2,435,847	(64)	2,545,148	(65)	2,675,321	(65)	2,734,821	(65)	2,616,701	(64)
Canada	**World**	**2,102,280**		**2,432,482**		**2,893,768**		**3,276,394**		**3,678,392**	
	ITTO Prod.	306,360	(15)	334,839	(14)	351,830	(12)	368,965	(11)	359,775	(10)
	ITTO Con.	1,681,782	(80)	1,946,708	(80)	2,362,740	(82)	2,702,120	(82)	3,049,388	(83)
Switzerland	**World**	**1,867,654**		**2,021,998**		**2,206,094**		**2,623,788**		**2,810,277**	
	ITTO Prod.	26,078	(1)	29,423	(1)	33,915	(2)	39,983	(2)	40,666	(1)
	ITTO Con.	1,747,349	(94)	1,890,290	(93)	2,067,385	(94)	2,449,854	(93)	2,614,300	(93)
ITTO Consumers	**World**	**62,109,728**		**66,643,145**		**71,758,960**		**78,795,497**		**77,306,403**	
	ITTO Prod.	10,183,716	(16)	10,796,157	(16)	11,092,106	(15)	11,216,423	(14)	9,577,886	(12)
	ITTO Con.	45,177,892	(73)	48,445,061	(73)	52,384,950	(73)	58,104,012	(74)	54,974,744	(71)
World*	**World**	**68,495,029**		**74,379,621**		**80,952,268**		**91,390,230**		**92,511,051**	
	ITTO Prod.	11,050,096	(16)	11,877,049	(16)	12,252,491	(15)	12,723,539	(14)	11,154,556	(12)
	ITTO Con.	49,388,010	(72)	53,551,435	(72)	57,740,344	(71)	66,592,567	(73)	67,762,123	(73)
+ EU 15 country members. China includes People's Republic of China plus Hong Kong and Macao Special Administrative Regions- see text for breakdown.											
* World total includes mirror statistics obtained due to incomplete trade data for some countries (see text).											

Table 5-2. Types of SPWP Imported by Major Importers, 2008 [1000 US$; (% share)]											
Importer	**From**	**Wooden Furniture and Parts**		**Builder's Woodwork**		**Other SPWP**		**Mouldings**		**Cane and Bamboo Furniture and Parts**	
European Union+	**World**	**22,681,089**		**5,368,993**		**5,888,863**		**2,011,593**		**644,971**	
	ITTO Prod.	1,768,927	(8)	533,907	(10)	373,261	(6)	557,056	(28)	170,739	(26)
	ITTO Con.	17,110,961	(75)	4,105,427	(76)	4,395,068	(75)	1,239,228	(62)	395,883	(61)
Germany	**World**	**4,081,177**		**793,485**		**1,563,282**		**256,115**		**117,125**	
	ITTO Prod.	219,811	(5)	69,710	(9)	97,419	(6)	62,119	(24)	41,973	(36)
	ITTO Con.	2,882,177	(71)	551,877	(70)	1,049,142	(67)	155,782	(61)	53,629	(46)
France	**World**	**4,291,304**		**631,105**		**1,079,850**		**346,182**		**155,783**	
	ITTO Prod.	375,509	(9)	68,869	(11)	78,643	(7)	135,271	(39)	24,942	(16)
	ITTO Con.	3,349,116	(78)	521,679	(83)	847,941	(79)	196,505	(57)	109,302	(70)
United Kingdom	**World**	**4,405,025**		**901,647**		**662,438**		**306,620**		**126,988**	
	ITTO Prod.	505,441	(11)	168,361	(19)	55,452	(8)	43,842	(14)	23,106	(18)
	ITTO Con.	3,292,405	(75)	682,815	(76)	545,023	(82)	246,036	(80)	92,989	(73)
Netherlands	**World**	**1,856,677**		**351,864**		**470,666**		**216,852**		**38,627**	
	ITTO Prod.	189,689	(10)	77,732	(22)	29,065	(6)	131,342	(61)	20,698	(54)
	ITTO Con.	1,429,366	(77)	239,851	(68)	396,697	(84)	65,849	(30)	15,171	(39)
Belgium	**World**	**1,845,949**		**335,753**		**509,172**		**183,217**		**50,503**	
	ITTO Prod.	141,322	(8)	32,897	(10)	27,452	(5)	68,004	(37)	16,339	(32)
	ITTO Con.	1,521,106	(82)	279,203	(83)	430,182	(84)	105,017	(57)	28,374	(56)
Italy	**World**	**1,082,929**		**656,664**		**543,499**		**348,010**		**53,890**	
	ITTO Prod.	118,823	(11)	40,405	(6)	35,199	(6)	87,323	(25)	21,594	(40)
	ITTO Con.	642,467	(59)	506,761	(77)	382,380	(70)	221,001	(64)	26,028	(48)
USA	**World**	**14,536,697**		**2,084,878**		**2,812,629**		**1,041,528**		**603,902**	
	ITTO Prod.	2,477,018	(17)	315,802	(15)	510,831	(18)	400,162	(38)	115,829	(19)
	ITTO Con.	10,207,492	(70)	1,662,429	(80)	2,204,033	(78)	427,521	(41)	469,354	(78)
Japan	**World**	**1,981,781**		**732,170**		**1,020,111**		**283,119**		**75,421**	
	ITTO Prod.	516,600	(26)	271,497	(37)	204,092	(20)	95,579	(34)	26,820	(36)
	ITTO Con.	1,194,967	(60)	415,550	(57)	790,521	(77)	169,819	(60)	45,845	(61)
Canada	**World**	**2,227,649**		**422,230**		**396,307**		**578,532**		**53,675**	
	ITTO Prod.	220,510	(10)	14,624	(3)	48,879	(12)	69,314	(12)	6,448	(12)
	ITTO Con.	1,823,856	(82)	402,071	(95)	335,341	(85)	442,972	(77)	45,148	(84)
Switzerland	**World**	**1,765,328**		**550,965**		**328,447**		**98,972**		**66,565**	
	ITTO Prod.	10,271	(1)	2,531	(0)	24,074	(7)	1,648	(2)	2,143	(3)
	ITTO Con.	1,648,889	(93)	519,376	(94)	287,763	(88)	95,313	(96)	62,958	(95)
ITTO Consumers	**World**	**46,832,309**		**10,146,123**		**11,232,841**		**4,552,367**		**1,566,905**	
	ITTO Prod.	5,421,987	(12)	1,234,253	(12)	1,161,136	(10)	1,123,759	(25)	321,979	(21)
	ITTO Con.	34,746,317	(74)	7,857,888	(77)	8,651,003	(77)	2,614,899	(57)	1,104,636	(70)
World	**World**	**54,862,975**		**12,331,438**		**12,803,114**		**5,352,557**		**2,054,248**	
	ITTO Prod.	6,379,636	(12)	1,411,036	(11)	1,376,447	(11)	1,540,788	(29)	446,649	(22)
	ITTO Con.	40,284,142	(73)	9,219,363	(75)	9,697,691	(76)	3,045,373	(57)	1,448,550	(71)
+ EU 15 country members. China includes People's Republic of China plus Hong Kong and Macao Special Administrative Regions - see text for breakdown.											
* World total includes mirror statistics obtained due to incomplete trade data for some countries (see text).											

Table 5-3. Major Tropical Importers of Secondary Processed Wood Products [1000 US$; (% share)]											
Importer	**From**	**2004**		**2005**		**2006**		**2007**		**2008**	
Mexico	**World**	**409,581**		**487,098**		**567,969**		**598,824**		**606,810**	
	ITTO Prod.	50,880	(12)	60,876	(12)	76,794	(14)	84,658	(14)	74,001	(12)
	ITTO Con.	339,537	(83)	398,822	(82)	459,522	(81)	465,346	(78)	471,655	(78)
Singapore	**World**	**300,724**		**304,353**		**344,524**		**417,170**		**465,031**	
	ITTO Prod.	190,171	(63)	175,698	(58)	181,617	(53)	208,773	(50)	232,608	(50)
	ITTO Con.	100,733	(33)	119,502	(39)	152,075	(44)	191,202	(46)	216,211	(46)
Indonesia	**World**	**24,896**		**41,898**		**50,940**		**53,239**		**373,619**	
	ITTO Prod.	20,151	(81)	27,940	(67)	31,288	(61)	35,098	(66)	342,272	(92)
	ITTO Con.	3,209	(13)	5,348	(13)	10,423	(20)	5,333	(10)	9,272	(2)
Malaysia	**World**	**165,961**		**183,854**		**231,666**		**258,947**		**362,278**	
	ITTO Prod.	37,819	(23)	34,659	(19)	48,138	(21)	60,639	(23)	64,593	(18)
	ITTO Con.	106,949	(64)	121,022	(66)	138,103	(60)	151,384	(58)	231,723	(64)
India	**World**	**58,605**		**107,125**		**178,538**		**248,692**		**346,064**	
	ITTO Prod.	18,431	(31)	27,901	(26)	43,059	(24)	51,557	(21)	62,695	(18)
	ITTO Con.	34,637	(59)	68,410	(64)	115,721	(65)	170,986	(69)	256,261	(74)
Brazil	**World**	**7,492**		**12,635**		**18,532**		**24,524**		**200,160**	
	ITTO Prod.	1,533	(20)	1,919	(15)	2,204	(12)	3,074	(13)	4,255	(2)
	ITTO Con.	4,896	(65)	7,196	(57)	12,424	(67)	18,196	(74)	188,334	(94)
Thailand	**World**	**52,938**		**63,939**		**87,276**		**94,154**		**174,091**	
	ITTO Prod.	14,918	(28)	16,073	(25)	27,051	(31)	28,251	(30)	36,281	(21)
	ITTO Con.	30,342	(57)	39,029	(61)	49,255	(56)	56,492	(60)	123,084	(71)
Oman	**World**	**40,650**		**45,384**		**59,918**		**84,136**		**167,989**	
	ITTO Prod.	5,062	(12)	5,190	(11)	6,737	(11)	8,137	(10)	10,416	(6)
	ITTO Con.	17,037	(42)	19,631	(43)	28,103	(47)	40,875	(49)	108,267	(64)
Venezuela	**World**	**29,862**		**48,473**		**70,334**		**99,714**		**154,897**	
	ITTO Prod.	12,787	(43)	25,768	(53)	40,146	(57)	67,740	(68)	96,098	(62)
	ITTO Con.	16,753	(56)	22,028	(45)	28,959	(41)	29,387	(29)	52,579	(34)
Viet Nam	**World**	**14,733**		**17,885**		**25,829**		**32,170**		**75,111**	
	ITTO Prod.	3,951	(27)	5,446	(30)	4,689	(18)	5,887	(18)	19,293	(26)
	ITTO Con.	10,323	(70)	11,658	(65)	20,219	(78)	23,894	(74)	50,901	(68)
Dominican Rep.	**World**	**37,809**		**48,072**		**47,102**		**63,805**		**73,825**	
	ITTO Prod.	7,925	(21)	8,799	(18)	10,490	(22)	16,766	(26)	34,144	(46)
	ITTO Con.	28,925	(77)	37,778	(79)	35,435	(75)	45,337	(71)	37,954	(51)
Panama	**World**	**24,350**		**32,730**		**40,683**		**59,691**		**72,893**	
	ITTO Prod.	9,678	(40)	8,818	(27)	11,140	(27)	16,058	(27)	17,532	(24)
	ITTO Con.	12,753	(52)	16,185	(49)	21,290	(52)	34,314	(57)	43,222	(59)
ITTO Producers	**World**	**934,132**		**1,218,563**		**1,529,440**		**1,887,995**		**2,621,601**	
	ITTO Prod.	202,020	(22)	257,949	(21)	344,546	(23)	409,921	(22)	442,114	(17)
	ITTO Con.	658,544	(70)	843,806	(69)	1,027,508	(67)	1,292,941	(68)	1,935,624	(74)
* Mirror statistics from partner countries used for Cayman Isl., Dominican Republic and Vietnam.											

Table 5-4. Types of SPWP Imported by Major Tropical Importers, 2008 [1000 US$; (% share)]											
Importer	**From**	**Wooden Furniture and Parts**		**Builder's Woodwork**		**Other SPWP**		**Mouldings**		**Cane and Bamboo Furniture and Parts**	
Mexico	**World**	**346,268**		**61,165**		**128,387**		**57,540**		**13,450**	
	ITTO Prod.	47,284	(14)	8,336	(14)	7,293	(6)	6,479	(11)	4,610	(34)
	ITTO Con.	272,711	(79)	40,775	(67)	111,989	(87)	37,847	(66)	8,333	(62)
Singapore	**World**	**255,742**		**37,669**		**79,593**		**22,655**		**69,372**	
	ITTO Prod.	126,906	(50)	22,835	(61)	50,644	(64)	17,178	(76)	15,045	(22)
	ITTO Con.	121,184	(47)	12,735	(34)	25,598	(32)	4,498	(20)	52,194	(75)
Indonesia	**World**	**158,316**		**85,580**		**41,208**		**43,609**		**44,906**	
	ITTO Prod.	144,436	(91)	82,364	(96)	36,226	(88)	37,441	(86)	41,805	(93)
	ITTO Con.	3,517	(2)	2,501	(3)	2,191	(5)	719	(2)	344	(1)
Malaysia	**World**	**237,501**		**19,690**		**38,088**		**62,895**		**4,104**	
	ITTO Prod.	21,322	(9)	1,346	(7)	3,209	(8)	38,138	(61)	578	(14)
	ITTO Con.	165,717	(70)	15,473	(79)	23,433	(62)	23,817	(38)	3,283	(80)
India	**World**	**223,293**		**15,458**		**42,626**		**12,656**		**52,032**	
	ITTO Prod.	39,946	(18)	2,760	(18)	4,878	(11)	2,420	(19)	12,690	(24)
	ITTO Con.	164,800	(74)	12,160	(79)	33,661	(79)	10,162	(80)	35,478	(68)
Brazil	**World**	**92,918**		**51,901**		**19,664**		**34,025**		**1,652**	
	ITTO Prod.	1,855	(2)	9	(0)	1,450	(7)	9	(0)	932	(56)
	ITTO Con.	87,560	(94)	50,371	(97)	16,518	(84)	33,355	(98)	530	(32)
Thailand	**World**	**93,091**		**14,786**		**32,252**		**16,923**		**17,040**	
	ITTO Prod.	13,706	(15)	9,270	(63)	5,610	(17)	6,340	(37)	1,355	(8)
	ITTO Con.	72,366	(78)	4,492	(30)	24,619	(76)	8,001	(47)	13,605	(80)
Oman	**World**	**145,215**		**3,973**		**14,331**		**2,937**		**1,533**	
	ITTO Prod.	6,823	(5)	191	(5)	2,782	(19)	486	(17)	133	(9)
	ITTO Con.	103,619	(71)	1,181	(30)	2,606	(18)	567	(19)	294	(19)
Venezuela	**World**	**88,939**		**15,207**		**20,777**		**24,439**		**5,535**	
	ITTO Prod.	50,617	(57)	8,035	(53)	13,525	(65)	23,096	(95)	825	(15)
	ITTO Con.	36,674	(41)	4,311	(28)	6,796	(33)	132	(1)	4,665	(84)
Viet Nam	**World**	**23,249**		**4,773**		**23,710**		**6,606**		**16,774**	
	ITTO Prod.	8,918	(38)	2,791	(58)	979	(4)	5,498	(83)	1,107	(7)
	ITTO Con.	13,108	(56)	1,596	(33)	20,001	(84)	796	(12)	15,400	(92)
Dominican Rep.	**World**	**40,631**		**13,499**		**12,746**		**2,002**		**4,947**	
	ITTO Prod.	17,333	(43)	11,118	(82)	2,124	(17)	1,148	(57)	2,421	(49)
	ITTO Con.	22,779	(56)	2,275	(17)	9,553	(75)	825	(41)	2,522	(51)
Panama	**World**	**58,159**		**6,682**		**5,395**		**1,074**		**1,583**	
	ITTO Prod.	13,956	(24)	2,069	(31)	353	(7)	338	(31)	816	(52)
	ITTO Con.	35,971	(62)	2,265	(34)	3,897	(72)	627	(58)	463	(29)
ITTO Producers	**World**	**1,485,933**		**323,024**		**370,713**		**277,202**		**164,728**	
	ITTO Prod.	247,871	(17)	44,355	(14)	43,759	(12)	80,248	(29)	25,881	(16)
	ITTO Con.	1,098,332	(74)	248,164	(77)	291,171	(79)	170,896	(62)	127,059	(77)

* Mirror statistics from partner countries used for Dominican Rep., Vietnam and Cayman Isl.

Table 5-5. Major Exporters of Secondary Processed Wood Products [1000 US$; (% share)]											
Exporter	**To**	**2004**		**2005**		**2006**		**2007**		**2008**	
European Union+	**World**	**25,950,697**		**26,342,216**		**28,721,682**		**33,109,950**		**34,136,780**	
	ITTO Prod.	233,372	(1)	241,992	(1)	326,694	(1)	354,349	(1)	354,677	(1)
	ITTO Con.	22,588,569	(87)	22,755,350	(86)	24,320,656	(85)	27,530,067	(83)	26,870,904	(79)
Italy	**World**	**7,629,968**		**7,280,501**		**7,611,574**		**8,761,100**		**9,000,540**	
	ITTO Prod.	92,140	(1)	93,149	(1)	126,123	(2)	146,535	(2)	183,571	(2)
	ITTO Con.	6,038,032	(79)	5,578,303	(77)	5,544,763	(73)	6,148,773	(70)	5,792,887	(64)
Germany	**World**	**4,422,689**		**5,300,276**		**6,220,796**		**7,305,949**		**7,959,507**	
	ITTO Prod.	25,310	(1)	31,239	(1)	45,184	(1)	46,789	(1)	46,385	(1)
	ITTO Con.	3,956,362	(89)	4,766,371	(90)	5,529,722	(89)	6,426,565	(88)	6,830,856	(86)
France	**World**	**1,979,115**		**1,974,658**		**2,176,083**		**2,540,710**		**2,680,870**	
	ITTO Prod.	26,788	(1)	24,966	(1)	36,491	(2)	40,237	(2)	41,727	(2)
	ITTO Con.	1,700,972	(86)	1,732,692	(88)	1,879,555	(86)	2,184,885	(86)	2,229,122	(83)
Denmark	**World**	**2,694,974**		**2,530,930**		**2,578,627**		**2,743,924**		**2,671,933**	
	ITTO Prod.	13,015	(0)	14,734	(1)	17,240	(1)	15,530	(1)	11,845	(0)
	ITTO Con.	2,546,750	(94)	2,380,844	(94)	2,397,108	(93)	2,522,077	(92)	2,446,631	(92)
Austria	**World**	**1,448,489**		**1,697,312**		**1,983,466**		**2,451,108**		**2,557,612**	
	ITTO Prod.	2,157	(0)	3,161	(0)	4,900	(0)	10,663	(0)	11,873	(0)
	ITTO Con.	1,297,761	(90)	1,488,602	(88)	1,693,222	(85)	2,024,792	(83)	2,023,406	(79)
China+	**World**	**9,503,231**		**11,422,269**		**14,123,429**		**16,141,934**		**16,421,118**	
	ITTO Prod.	105,171	(1)	148,122	(1)	236,692	(2)	383,999	(2)	512,146	(3)
	ITTO Con.	8,980,521	(94)	10,644,710	(93)	12,941,364	(92)	14,295,033	(89)	13,868,358	(84)
Poland	**World**	**4,066,983**		**4,437,278**		**4,814,892**		**5,973,301**		**6,549,571**	
	ITTO Prod.	17,286	(0)	23,408	(1)	28,352	(1)	28,380	(0)	4,774	(0)
	ITTO Con.	3,476,906	(85)	3,759,648	(85)	4,031,012	(84)	4,917,331	(82)	5,360,287	(82)
Canada	**World**	**5,200,668**		**5,340,322**		**5,197,307**		**4,459,434**		**3,585,815**	
	ITTO Prod.	5,291	(0)	7,380	(0)	8,886	(0)	13,925	(0)	18,440	(1)
	ITTO Con.	5,167,349	(99)	5,291,819	(99)	5,138,295	(99)	4,392,643	(99)	3,517,382	(98)
USA	**World**	**1,956,926**		**2,240,008**		**2,540,031**		**2,799,989**		**3,234,804**	
	ITTO Prod.	258,768	(13)	282,857	(13)	309,193	(12)	319,142	(11)	363,986	(11)
	ITTO Con.	1,463,258	(75)	1,649,770	(74)	1,915,709	(75)	2,129,006	(76)	2,429,537	(75)
Indonesia	**World**	**2,510,428**		**2,842,742**		**2,833,330**		**2,862,514**		**2,738,008**	
	ITTO Prod.	47,569	(2)	48,858	(2)	65,117	(2)	58,059	(2)	62,483	(2)
	ITTO Con.	2,284,025	(91)	2,583,797	(91)	2,573,142	(91)	2,582,209	(90)	2,409,732	(88)
Malaysia	**World**	**1,984,254**		**2,118,707**		**2,347,361**		**2,626,818**		**2,662,640**	
	ITTO Prod.	57,782	(3)	65,417	(3)	86,357	(4)	117,511	(4)	142,972	(5)
	ITTO Con.	1,626,696	(82)	1,741,644	(82)	1,884,434	(80)	1,994,938	(76)	1,915,686	(72)
ITTO Consumers	**World**	**48,348,138**		**51,494,193**		**57,199,208**		**64,531,659**		**68,159,236**	
	ITTO Prod.	651,305	(1)	740,449	(1)	951,599	(2)	1,148,915	(2)	1,295,917	(2)
	ITTO Con.	43,217,603	(89)	45,656,079	(89)	49,924,808	(87)	54,931,199	(85)	53,686,675	(79)
World*	**World**	**65,600,215**		**70,450,439**		**78,508,480**		**88,382,179**		**90,177,730**	
	ITTO Prod.	971,161	(1)	1,128,393	(2)	1,435,000	(2)	1,804,957	(2)	1,989,713	(2)
	ITTO Con.	57,994,029	(88)	61,537,711	(87)	67,428,171	(86)	73,725,881	(83)	70,082,924	(78)

+ EU 15 country members. China includes People's Republic of China plus Hong Kong and Macao Special Administrative Regions - see text for breakdown.

* World total includes mirror statistics obtained due to incomplete trade data for soome countries (see text).

Table 5-6. Types of SPWP Exported by Major Exporters, 2008 [1000 US$; (% share)]											
Exporter	**To**	**Wooden Furniture and Parts**		**Builder's Woodwork**		**Other SPWP**		**Mouldings**		**Cane and Bamboo Furniture and Parts**	
European Union+	**World**	**22,300,504**		**5,964,111**		**3,836,177**		**1,331,204**		**704,784**	
	ITTO Prod.	266,386	(1)	37,590	(1)	26,285	(1)	3,153	(0)	21,262	(3)
	ITTO Con.	17,181,506	(77)	4,874,596	(82)	3,252,547	(85)	1,110,706	(83)	451,548	(64)
Italy	**World**	**7,471,691**		**544,649**		**445,513**		**238,863**		**386,148**	
	ITTO Prod.	152,301	(2)	8,492	(2)	5,291	(1)	661	(0)	16,826	(4)
	ITTO Con.	4,755,030	(64)	280,920	(52)	344,446	(77)	181,043	(76)	231,448	(60)
Germany	**World**	**5,469,369**		**1,330,815**		**961,812**		**325,496**		**96,019**	
	ITTO Prod.	30,208	(1)	8,756	(1)	6,575	(1)	598	(0)	248	(0)
	ITTO Con.	4,701,306	(86)	1,055,085	(79)	763,261	(79)	246,094	(76)	65,110	(68)
France	**World**	**1,825,020**		**207,011**		**929,067**		**111,594**		**74,735**	
	ITTO Prod.	30,784	(2)	3,216	(2)	4,537	(0)	469	(0)	2,720	(4)
	ITTO Con.	1,227,899	(67)	164,750	(80)	719,675	(77)	88,231	(79)	28,567	(38)
Denmark	**World**	**1,799,008**		**759,422**		**116,199**		**33,722**		**4,325**	
	ITTO Prod.	10,603	(1)	744	(0)	237	(0)	260	(1)	-	(0)
	ITTO Con.	1,609,902	(89)	706,690	(93)	98,678	(85)	28,585	(85)	2,776	(64)
Austria	**World**	**777,859**		**1,456,880**		**146,228**		**180,458**		**11,510**	
	ITTO Prod.	612	(0)	10,831	(1)	376	(0)	54	(0)	-	(0)
	ITTO Con.	586,269	(75)	1,175,896	(81)	109,824	(75)	147,148	(82)	4,269	(37)
China+	**World**	**11,240,306**		**997,765**		**2,550,655**		**782,307**		**897,000**	
	ITTO Prod.	316,143	(3)	21,547	(2)	69,633	(3)	18,900	(2)	85,923	(10)
	ITTO Con.	9,486,206	(84)	825,435	(83)	2,289,620	(90)	683,758	(87)	583,339	(65)
Poland	**World**	**4,337,222**		**909,822**		**1,015,902**		**214,673**		**98,081**	
	ITTO Prod.	4,112	(0)	466	(0)	192	(0)	1	(0)	3	(0)
	ITTO Con.	3,489,421	(80)	732,894	(81)	907,743	(89)	189,560	(88)	40,669	(41)
Canada	**World**	**1,825,091**		**1,122,401**		**498,513**		**259,694**		**15,734**	
	ITTO Prod.	11,127	(1)	4,890	(0)	1,833	(0)	519	(0)	71	(0)
	ITTO Con.	1,663,077	(91)	1,100,281	(98)	487,053	(98)	253,084	(97)	13,887	(88)
USA	**World**	**3,313,822**		**514,975**		**683,455**		**295,275**		**98,293**	
	ITTO Prod.	168,584	(5)	31,889	(6)	108,404	(16)	44,329	(15)	10,781	(11)
	ITTO Con.	1,301,643	(39)	412,889	(80)	436,050	(64)	228,775	(77)	50,180	(51)
Indonesia	**World**	**1,213,389**		**426,086**		**284,267**		**425,767**		**391,251**	
	ITTO Prod.	27,186	(2)	6,493	(2)	7,775	(3)	7,714	(2)	13,315	(3)
	ITTO Con.	1,066,402	(88)	378,959	(89)	257,674	(91)	378,215	(89)	328,481	(84)
Malaysia	**World**	**2,081,588**		**249,052**		**107,271**		**223,480**		**12,583**	
	ITTO Prod.	113,418	(5)	17,762	(7)	6,324	(6)	3,791	(2)	1,676	(13)
	ITTO Con.	1,490,037	(72)	159,136	(64)	53,914	(50)	207,392	(93)	5,207	(41)
ITTO Consumers	**World**	**44,467,161**		**9,877,795**		**8,883,320**		**2,996,544**		**1,934,416**	
	ITTO Prod.	784,923	(2)	101,924	(1)	216,983	(2)	67,364	(2)	124,723	(6)
	ITTO Con.	34,023,621	(77)	8,264,417	(84)	7,591,631	(85)	2,567,957	(86)	1,239,049	(64)
World*	**World**	**56,499,374**		**14,101,985**		**11,731,008**		**5,304,813**		**2,540,551**	
	ITTO Prod.	1,226,341	(2)	179,536	(1)	297,804	(3)	125,882	(2)	160,149	(6)
	ITTO Con.	42,555,952	(75)	11,440,327	(81)	9,865,721	(84)	4,521,912	(85)	1,699,011	(67)

+ EU 15 country members. France includes Monaco.China includes People's Republic of China plus Hong Kong and Macao S.A.R. - see text for breakdown.

* World total includes mirror statistics obtained due to incomplete trade data for some countries (see text). Macao S.A.R. includes mirror statistics.

Table 5-7. Major Tropical Exporters of Secondary Processed Wood Products [1000 US$; (% share)]+											
Exporter	**To**	**2004**		**2005**		**2006**		**2007**		**2008**	
Viet Nam	**World**	**1,351,313**		**1,862,945**		**2,270,275**		**2,978,551**		**3,380,176**	
	ITTO Prod.	9,217	(1)	10,526	(1)	16,179	(1)	21,962	(1)	51,295	(2)
	ITTO Con.	1,315,349	(97)	1,813,621	(97)	2,207,994	(97)	2,881,822	(97)	3,230,385	(96)
Brazil	**World**	**1,780,063**		**1,818,916**		**2,057,981**		**1,979,490**		**1,837,840**	
	ITTO Prod.	61,042	(3)	63,203	(3)	76,839	(4)	87,803	(4)	103,419	(6)
	ITTO Con.	1,600,551	(90)	1,610,877	(89)	1,782,428	(87)	1,640,832	(83)	1,409,921	(77)
Thailand	**World**	**1,276,747**		**1,327,451**		**1,246,469**		**1,247,335**		**1,111,309**	
	ITTO Prod.	17,791	(1)	22,516	(2)	28,278	(2)	32,501	(3)	34,951	(3)
	ITTO Con.	1,211,915	(95)	1,245,843	(94)	1,150,478	(92)	1,144,636	(92)	997,031	(90)
Philippines	**World**	**342,276**		**357,571**		**837,984**		**928,625**		**1,057,432**	
	ITTO Prod.	3,063	(1)	2,677	(1)	4,859	(1)	4,451	(0)	5,196	(0)
	ITTO Con.	321,925	(94)	338,911	(95)	813,331	(97)	907,428	(98)	1,031,525	(98)
Mexico	**World**	**986,014**		**1,088,680**		**1,120,890**		**974,363**		**830,923**	
	ITTO Prod.	2,802	(0)	4,950	(0)	5,950	(1)	5,390	(1)	6,703	(1)
	ITTO Con.	976,322	(99)	1,074,198	(99)	1,106,912	(99)	958,895	(98)	793,000	(95)
India	**World**	**194,739**		**244,194**		**300,522**		**386,831**		**384,034**	
	ITTO Prod.	2,077	(1)	3,412	(1)	4,027	(1)	4,854	(1)	7,602	(2)
	ITTO Con.	171,659	(88)	210,800	(86)	261,855	(87)	342,432	(89)	331,148	(86)
Singapore	**World**	**90,473**		**99,015**		**120,096**		**124,061**		**143,581**	
	ITTO Prod.	32,873	(36)	37,856	(38)	41,823	(35)	51,424	(41)	65,517	(46)
	ITTO Con.	38,625	(43)	41,977	(42)	46,136	(38)	47,997	(39)	54,508	(38)
Colombia	**World**	**48,866**		**65,525**		**82,197**		**129,301**		**118,191**	
	ITTO Prod.	19,189	(39)	29,006	(44)	48,467	(59)	92,867	(72)	85,934	(73)
	ITTO Con.	23,330	(48)	28,271	(43)	26,563	(32)	22,760	(18)	23,081	(20)
Peru	**World**	**35,131**		**49,184**		**75,537**		**79,065**		**92,821**	
	ITTO Prod.	702	(2)	1,298	(3)	1,295	(2)	2,911	(4)	5,029	(5)
	ITTO Con.	33,522	(95)	46,813	(95)	72,648	(96)	73,189	(93)	85,794	(92)
Bolivia	**World**	**35,119**	**0**	**38,162**	**0**	**45,043**	**0**	**62,443**	**0**	**48,425**	**0**
	ITTO Prod.	421	(1)	388	(1)	381	(1)	1,859	(3)	1,566	(3)
	ITTO Con.	32,659	(93)	36,334	(95)	41,079	(91)	55,817	(89)	42,658	(88)
ITTO Africa	**World**	**86,789**		**96,711**		**141,908**		**83,583**		**79,894**	
	ITTO Prod.	509	(1)	1,689	(2)	3,110	(2)	8,381	(10)	4,991	(6)
	ITTO Con.	79,493	(92)	89,819	(93)	134,087	(94)	66,494	(80)	58,479	(73)
ITTO Asia Pacific	**World**	**6,314,623**		**6,892,189**		**7,566,974**		**8,053,376**		**7,965,828**	
	ITTO Prod.	128,308	(2)	142,896	(2)	188,742	(2)	217,484	(3)	253,204	(3)
	ITTO Con.	5,621,442	(89)	6,122,025	(89)	6,683,850	(88)	6,972,199	(87)	6,697,528	(84)
ITTO Latin America	**World**	**2,961,272**		**3,154,843**		**3,483,425**		**3,347,007**		**3,060,522**	
	ITTO Prod.	92,183	(3)	105,943	(3)	142,737	(4)	211,848	(6)	220,037	(7)
	ITTO Con.	2,706,183	(91)	2,853,723	(90)	3,084,883	(89)	2,815,242	(84)	2,436,607	(80)
ITTO producers	**World**	**9,362,683**		**10,143,744**		**11,192,307**		**11,483,966**		**11,106,244**	
	ITTO Prod.	221,000	(2)	250,528	(2)	334,588	(3)	437,714	(4)	478,231	(4)
	ITTO Con.	8,407,118	(90)	9,065,568	(89)	9,902,820	(88)	9,853,935	(86)	9,192,614	(83)
+ Indonesia and Malaysia (the largest tropical exporters) are included with the group of major global exporters in Table 5.5											
* Mirror statistics from partner countries used for Vietnam (from 2004 to 2008 included).											

Table 5-8. Types of SPWP Exported by Major Tropical Exporters, 2008 [1000 US$; (% share)]+											
Exporter	**To**	**Wooden Furniture and Parts**		**Builder's Woodwork**		**Other SPWP**		**Mouldings**		**Cane and Bamboo Furniture and Parts**	
Viet Nam	**World**	**3,034,325**		**25,076**		**180,935**		**33,943**		**105,897**	
	ITTO Prod.	28,701	(1)	2,924	(12)	6,547	(4)	10,769	(32)	2,353	(2)
	ITTO Con.	2,930,402	(97)	18,733	(75)	164,539	(91)	22,602	(67)	94,109	(89)
Brazil	**World**	**740,858**		**401,925**		**135,307**		**558,529**		**1,221**	
	ITTO Prod.	72,445	(10)	16,359	(4)	9,871	(7)	4,479	(1)	265	(22)
	ITTO Con.	444,473	(60)	334,891	(83)	98,064	(72)	532,039	(95)	453	(37)
Thailand	**World**	**727,391**		**41,356**		**244,157**		**69,761**		**28,644**	
	ITTO Prod.	21,926	(3)	3,482	(8)	5,809	(2)	1,305	(2)	2,429	(8)
	ITTO Con.	655,432	(90)	32,395	(78)	225,584	(92)	62,366	(89)	21,255	(74)
Philippines	**World**	**89,401**		**895,020**		**23,220**		**152**		**49,639**	
	ITTO Prod.	2,181	(2)	460	(0)	443	(2)	0	(0)	2,111	(4)
	ITTO Con.	77,053	(86)	889,730	(99)	21,207	(91)	74	(49)	43,461	(88)
Mexico	**World**	**495,451**		**71,110**		**202,871**		**49,932**		**11,559**	
	ITTO Prod.	4,938	(1)	186	(0)	753	(0)	25	(0)	801	(7)
	ITTO Con.	471,160	(95)	61,973	(87)	199,961	(99)	49,350	(99)	10,556	(91)
India	**World**	**297,577**		**4,625**		**74,000**		**4,878**		**2,954**	
	ITTO Prod.	5,168	(2)	138	(3)	2,263	(3)	0	(0)	31	(1)
	ITTO Con.	261,425	(88)	2,625	(57)	60,946	(82)	4,236	(87)	1,916	(65)
Singapore	**World**	**73,199**		**10,243**		**26,697**		**7,105**		**26,337**	
	ITTO Prod.	31,800	(43)	4,952	(48)	15,658	(59)	1,567	(22)	11,540	(44)
	ITTO Con.	28,043	(38)	2,729	(27)	6,741	(25)	5,095	(72)	11,900	(45)
Colombia	**World**	**71,019**		**5,918**		**11,769**		**28,478**		**1,007**	
	ITTO Prod.	45,272	(64)	3,193	(54)	9,416	(80)	27,580	(97)	475	(47)
	ITTO Con.	19,278	(27)	1,111	(19)	1,673	(14)	674	(2)	344	(34)
Peru	**World**	**12,954**		**6,483**		**3,584**		**69,676**		**124**	
	ITTO Prod.	1,649	(13)	1,363	(21)	327	(9)	1,618	(2)	73	(59)
	ITTO Con.	10,798	(83)	4,800	(74)	2,849	(79)	67,300	(97)	47	(38)
Bolivia	**World**	**14,767**		**14,295**		**460**		**18,870**		**33**	
	ITTO Prod.	226	(2)	299	(2)	4	(1)	1,037	(5)		
	ITTO Con.	14,111	(96)	12,214	(85)	411	(89)	15,914	(84)	8	(23)
ITTO Africa	**World**	**1,139**		**5,430**		**10,018**		**61,434**		**1,872**	
	ITTO Prod.	8	(1)	19	(0)	2,602	(26)	2,352	(4)	10	(1)
	ITTO Con.	494	(43)	5,107	(94)	4,192	(42)	48,406	(79)	279	(15)
ITTO Asia Pacific	**World**	**4,406,829**		**1,618,737**		**730,726**		**723,939**		**485,596**	
	ITTO Prod.	169,879	(4)	28,336	(2)	22,614	(3)	12,811	(2)	19,562	(4)
	ITTO Con.	3,556,360	(81)	1,466,706	(91)	620,912	(85)	652,568	(90)	400,982	(83)
ITTO Latin America	**World**	**1,391,481**		**532,805**		**383,753**		**734,289**		**18,194**	
	ITTO Prod.	132,867	(10)	24,702	(5)	23,966	(6)	35,234	(5)	3,267	(18)
	ITTO Con.	995,202	(72)	430,030	(81)	326,866	(85)	670,937	(91)	13,573	(75)
ITTO producers	**World**	**5,799,449**		**2,156,972**		**1,124,497**		**1,519,663**		**505,663**	
	ITTO Prod.	302,754	(5)	53,057	(2)	49,183	(4)	50,397	(3)	22,839	(5)
	ITTO Con.	4,552,056	(78)	1,901,843	(88)	951,971	(85)	1,371,910	(90)	414,834	(82)

+ Indonesia and Malaysia (the largest tropical exporters) are included with the group of major global exporters in Table 5.6

* Mirror statistics from partner countries used for Viet Nam.

APPENDIX 6

UNECE Timber Committee Statement on Forest Products Markets in 2009 and Prospects for 2010

UNECE Timber Committee Statement on Forest Products Markets in 2009 and 2010

The UNECE Timber Committee adopted the entire official text below on 16 October 2009. The Committee reviewed developments in forest products markets as reported in the Forest Products Annual Market Review, 2008-2009, as well as experts' presentations, country market statements and forecasts. The theme of the discussions was "The UNECE regions' forest products markets in a global economic crisis."

I. Overview of forest products markets in 2009 and 2010

The forest sector in the UNECE region suffered the greatest decline in consumption since the oil crisis in the 1970s, dropping 8.5% overall from 2007 to 2008. The housing crash in the United States, which spread to other countries, was the main cause for the downturn, as housing starts fell from over 2 million in 2005 to possibly below one-half million in 2009. Without this main driver for wood products, all forest products markets fell in 2008, and were forecast to fall again in 2009, with one major exception: wood energy which was buoyed by Governments' policies for renewable energy sources for a green economy. Profitability in 2008 and 2009 was low, or absent, and prices for most products fell with demand.

The Timber Committee forecast an upturn in most wood products market sectors in 2010. However, it is far too early to speak about a recovery. Even when market strength returns, the production capacity will not be immediately available since many plants have shut down, with disastrous effects on their labour force.

Policies affecting forest products markets

Policy developments encompass responses to the economic and financial crisis, to mitigate climate change and to assure the legality of timber imports. The US Government has attempted to spur the housing market by various measures, including a first-time homebuyer tax credit. The economic crisis had a negative impact on the R&D capacity of industry, and the funding of university research, important for continued innovation and competitiveness of wood and paper products.

In responding to climate change, EU legislation is most ambitious, with policies to reduce, by 2020, the percentage of greenhouse gas emissions by 20%, to increase the share of renewable energy to 20% and increase energy efficiency by 20%. There have been significant investments throughout the EU in biorefineries and biofuels usage. A carbon tax in Sweden gives incentives for the mobilization of wood as a renewable energy source. In the US the states have been active in addressing climate change. At the federal level, climate change legislation is being debated in the Congress and the Environmental Protection Agency is considering regulating greenhouse gases. The controversies surrounding biofuels are likely to lead to future changes in policies.

Sustainable and legal wood trade

The US government decided in 2008 to prohibit the trade of illegally sourced wood under the Lacey Act Amendment. An EU proposal for a Due Diligence Regulation requires the first operators who place products on the EU markets to have systems that minimize the risk of trading illegally sourced wood and wood products. This regulation is expected to be adopted by the end of 2010. Both of these measures have serious implications for the trade of wood and paper products, and companies, trade associations and countries are attempting to conform to the new requirements. For example, the Swiss parliament has adopted a motion based on the obligation of declaring the origin and species of wood and displaying this information to consumers. Legislation to prevent the trade of illegal wood also raises issues of technical barriers to trade. Many questions remain regarding: the efficiency of such systems; the responsibility of operators; the burden of the proof of legality or illegality; the costs for compliance, especially for small operators; and role of public procurement. An international exchange of information would help countries implement effective policies to combat illegal logging. The animated discussions led the Committee to call for a multi-stakeholder workshop in 2010 dedicated to tariff and non-tariff trade barriers and emerging trade regulations on timber.

Certified forest products

Certified forest area is still increasing, but at a slower pace, and has reached about 320 million hectares worldwide in mid-2009. It is concentrated mostly in North America and Europe and this equates to 97% of the certified roundwood supply. Certificated forest area potential exists in Russia, where currently only 20 million hectares are certified. Chain-of-custody certificates increased sharply, by 41% in the last year, indicating strong market activity for certified forest products. According to a recent study, obstacles to market development for certified wood products are the fragmentation in trade and consuming sectors, as well as consumers' lack of awareness and willingness to pay premiums. The economic recession has widened the gap between "green operators" and others who might avoid the costs of good practices and certification. It has also driven some purchasers towards the less-expensive, legally verified products. The future progress of certification schemes will depend on their possible role in ensuring compliance with the new US and EU policies designed to combat illegal logging, as

well as their ability to take into account constraints and opportunities brought by climate change policies and negotiations, such as accounting for carbon storage and certifying sustainable production of biofuels.

Green building

Green building continues to be an important market driver, especially considering that 40-50% of the world's energy usage is for space and water heating and cooling. While new construction is currently weak, there are tremendous opportunities for renovation of existing buildings to improve their energy efficiency. Governments are supporting energy-efficient construction and renovation through their subsidies and other programmes to promote a green economy. The Timber Committee endorsed the conclusions and recommendations of a workshop on "Responding to climate change: Wood's place in a global approach to green building." To promote green building the forest sector needs to build strategic alliances with stakeholders to understand and acknowledge the contribution of wood products in buildings to fight climate change. The Committee promotes a scientific basis for green building rating systems, i.e. life cycle assessment for all construction materials, and the continuous updating and sharing knowledge on construction materials and energy consumption. See annex I and the website (http://timber.unece.org/index.php?id=125) for a list of conclusions and recommendations.

Corporate social responsibility

Companies and their trade associations are initiating and developing their corporate social responsibility (CSR) programmes to show to customers and consumers that they act responsibly. The issuance of the ISO 26000 standard in 2010 can be expected to be embraced by the industry similarly to the 14000 standard for environmental management. Annual environmental reports have evolved towards social responsibility and sustainability report measuring carbon footprints and discussing climate-change issues. This is a structural change in the way of doing business in the forest sector. Even in an economic crisis, CSR programmes help maintain market share, as well as build better relations with local communities and employees. Research shows a "legitimacy gap" between the expectations of citizens and the current and expected social and environmental performance of industry. CSR programmes are not universal across the UNECE region and the Timber Committee called for a workshop in southeastern Europe to share experiences and to build awareness of the attributes of CSR for the sustainable development of the forest sector.

China's importance in the UNECE region forest products markets

China is the UNECE region's major trading partner, especially for wood and paper products. For example, China is the world's largest furniture manufacturer and exporter, and the major destinations are first the US, and second the EU. The exponential development of China's wood and paper products manufacturing suffered its first downturn in 2008, and indicators in the first half of 2009 show an 11.7% wood and paper products export decrease from 2008. China is the world's largest importer of roundwood to feed its wood and paper mills, but imports decreased in the first half of 2009 by 18%. The majority of imported logs come from the UNECE region, especially Russia, although that source was down by 27.6% in the first half of 2009 according to China Customs. This is presumably due to the higher price for Russian logs due to the export tax. Alternative log supply sources have been secured, including in order of export volumes, New Zealand, Canada and the US. With 1.3 billion people, equal to 22% of the world's population, and millions moving into cities for employment, the Chinese Government spends about one third of its GDP in building housing (multi-storey, multi-family units). The immense scale of construction, combined with rising consumer spending, means increasing domestic consumption of wood and paper products. To produce paper, China dominates world waste paper imports. China forecasts its economy will recover quickly to double-digit growth, which is in part dependent on recovery of its trade partners' economies to resume exports.

II. Economic situation

The world economy is in the midst of its worst economic downturn since the Second World War, with real gross domestic product (GDP) growth expected to be negative in 2009. The slowdown has been especially visible in the UNECE region, where all subregions (CIS, Europe, North America) experienced negative growth in 2009. Due to weaker social safety systems, and a higher percentage of populations living near subsistence levels, the economic downturn in some countries in central and eastern Europe is more severe than in western Europe and North America.

The GDP decrease noted during the current crisis was 4 times greater than that registered during the Great Depression in the 1930s. However, thanks to favourable socio-economic conditions and extraordinary government polices, a slow recovery is expected to begin in the second half of 2009 with positive but low GDP growth in 2010 (by 1.2%) throughout most of the region. It is estimated that positive trend will be maintained in 2011, when for the UNECE region a 2.5% growth is forecast. Economies of central and eastern Europe will be developing at faster rate (e.g. 3.6% for CIS) compared with the EU-15 (1.5%) and North America (2.8%). The predicted rate of recovery may be difficult to maintain in the long-term because of various factors such as declining governments' assistance, dysfunctional financial systems and high unemployment. The housing market in the US continued to fall in 2008, reaching the lowest level since the Great Depression, but it is expected to stabilise in 2009 and

begin recovery in 2010. The European construction market is forecast to slow down through 2010 due to weakening new residential construction in western Europe.

III. Market sector developments

Wood raw materials

The global economic crisis has had a major impact on the forest industry in the UNECE region, with demand for wood raw materials declining dramatically. Consequently, demand for roundwood fell in 2008 and early 2009. Total roundwood removals in the UNECE region declined by almost 10% to 1.22 billion m^3 in 2008, reaching the lowest levels since 1999. The greatest reduction occurred in North America, where total removals went down 13.6% from 2007. Contrary to the previous year, a decrease was also registered in the CIS and Europe, where removals were down by 10.9% and 6.6%, respectively. It is forecast that decrease of roundwood production (and consumption) will continue in 2009 in all subregions. However in 2010, a slight upturn is expected in Europe and CIS, while removals in North America would remain nearly at the same level. The weak markets in North America pose difficulties for utilising dead wood from forests infested by the mountain pine beetle. In Canada it is estimated that 14.5 million hectares of forest, with 620 million m^3 have been affected by the outbreak. Further losses are predicted, as it spreads geographically further within Canada and the United States and to new species.

In 2008, European roundwood imports declined to the lowest level since 2004, but imports of chips and pellets have increased substantially over the past 5 years, driven in part by government policies promoting wood energy. Contrary to the sawlog prices that fell sharply throughout the UNECE region in 2008, including western Canada (-36%), Russia (-51%), Latvia (-56%) and Finland (- 36%), the price of chips remained stable. Russian log export volumes were at their lowest level in six years, totalling 36 million m^3, driven down by rising export taxes. Given the weakened economies of importing countries, log exports are forecast to fall even more in 2009 (to the level of 27 million m^3). Impact of the Russian export taxes on the domestic economy as well as forest sectors in importer countries is a topic of the government and forest sector debate in Russia. The planned escalation of the taxes was postponed in 2009 and might be revised or even abandoned.

Wood energy

In contrast to other forest market sectors, wood energy markets continued to grow during the economic crisis despite an oil price drop by more than 50% compared to 2008. Wood is the most important source for renewable energy in the EU and its market development is strongly influenced by different policy issues, such as energy supply security, climate change mitigation and rural development. The renewable energy markets in North America and Europe are both strongly affected by policy measures and support programmes with slightly varying objectives. While North America was focussing on liquid biofuels production for transportation from agricultural crops, European countries set up support mechanisms for efficient heat and electricity generation from renewables. Woody biomass currently does not play any important role in the global production of liquid biofuels, however this may change quickly in the near future.

The global wood energy market is currently mainly driven by expanding production and consumption of wood pellets. The production and traded volumes of wood pellets are expected to double by 2012. Europe remains the biggest producer, importer and consumer of wood pellets. The American domestic pellets consumption remains minor compared to the exported volumes that are mostly shipped to Europe. In both subregions production capacities continued to increase and are expected to reach 2 million metric tons in Canada and 4.4 million metric tons in the US in 2009. The production did not follow this trend – due to severe supply shortfall of by-products from sawmills.

Several huge pellet plants are under construction in the Russian Federation and the Russian Parliament adopted a decree on renewable energy sources which aims to increase the role of woody biomass in the domestic energy consumption from 1% in 2008 to 4.5 % by 2020. One particular target for the increased domestic use of wood for energy generation will be the refurbishment of central district heating systems. The wood energy market is expected to grow strongly in each subregion throughout the next years.

Forest carbon markets

Carbon markets are increasingly important, economically as well as politically, as they are key tools for complying with international commitments on reduction of greenhouse gas (GHG) emissions and implementing climate change mitigation strategies. Forests play an essential role in the global carbon cycle, yet thus far forestry projects have played but a disproportionately minor role in GHG emissions trading, compared to their full potential. The EU Emissions Trading System excludes forest carbon. A US cap-and-trade scheme which may be implemented by 2012, could accept a relatively large amount of forestry offsets from tropical developing countries, with potentially significant impacts on carbon markets.

Methodologies are being developed for allowing Reduced Emissions from Deforestation and Forest Degradation (REDD) to start generating payments for conserving threatened forests in developing countries. The forest sector could undergo a structural shift after 2012, depending on the scope of the successor to the Kyoto Protocol. The negotiations include discussions of carbon storage in harvested wood products and REDD.

Forest-related activities could play an increasing role in generating tradable carbon offsets, in the fields of SFM, REDD, as well as afforestation and reforestation.

Sawn softwood

The construction sector crash in the US, which spread to Europe with the economic crisis in 2008, had disastrous effects on the sawn softwood industry. Prices and profits collapsed. In North America sawnwood consumption fell by 20% in 2008, and is forecast to fall further, by over 24% in 2009. In line with forecasts for increased housing construction in 2010, consumption is predicted to turn upwards by 5.5% to reach 71.0 million m^3, far from its peak in 2005 of 128.7 million m^3. The sharp drop in production necessitated rationalization of capacity, with many mills closing, with grave consequences on forest industrydependent communities. Weak US markets halted offshore imports and are forecast to fall by 31.0% in 2009, before moving upwards by 4.0% in 2010. Canada's exports are dependent on the US market, and they fell in 2009, at a rate predicted to be 24.1%, but are forecast to move positively in 2010 by 12.0%. These forecasts are in line with predictions for a steady rebound in US housing, after bottoming out in 2009.

Although not as bad as North America, European sawn softwood consumption is forecast to fall by 11.3% in 2009, to 83.9 million m^3, before reversing the decline in 2010 by 2.5%. Production of sawnwood in Europe in 2008 was at record levels, driven by the surplus of storm-felled timber.

Therefore the decline of 12.7% forecast in 2009 is partly due to a return to normal harvest levels. The Committee recognized that a negative effect of climate change is more frequent and more damaging windstorms, which have perverse market impacts. The decline in production resulted in part because the major capacity increases in 2006 were rationalized. European trade, both within Europe and outside, is forecast to fall in 2009, but to move upwards in 2010, by 4.4% for imports and 8.0% for exports.

After a fall of nearly 10% in 2008, CIS sawn softwood exports were expected to continue falling in 2009. In 2010, Russian sawnwood exports are forecast to rise by 3.3%, to reach 15.1 million m^3. Russia's higher roundwood taxes resulted in reduced log exports to China. This supply was replaced by increased sawnwood imports. A building boom in Russia, which includes a small share of wooden houses, has increased domestic sawnwood (and panels) consumption.

The next 18 months will be challenging for the UNECE region's sawmilling industry. Although an improvement is forecast for 2010, demand will remain weak compared to prior levels. Prices are at extreme lows and more industry restructuring is anticipated.

Sawn hardwood

Sawn hardwood markets, which were already under pressure before the economic recessions, experienced a dramatic downturn in 2008 and 2009. In North America the production of sawn hardwood continued falling in 2008 and 2009, by 9.1% and 6.4% respectively. No change is expected in 2010, as production volume stays near 23 million m^3. Although domestic demand is weak, sawnwood exports are forecast to improve, rising by 7.2% in 2010.

The European hardwood markets have more optimistic forecasts for 2010 than those for North America, with consumption and production to rise by 4.2% and 3.2% respectively. Volumes traded are greater than in North America. After dropping in 2009, imports are forecast to rise in 2010 by 5.7%, and exports by 3.1%. Russia's hardwood markets remain below their resource potential.

Next to China, the UNECE region imports the greatest amount of tropical timber products. However, trade restrictions, both from producer countries policies to manufacture greater value-added products, and importers' controls for sustainability and legality, are constraining the tropical timber trade. Certification of SFM remains low in tropical countries, and overall imports by UNECE region countries fell in 2009. With reduced demand, tropical sawnwood prices declined.

Wood-based panels

The panels markets developed generally much worse than forecast during the 2008 Timber Committee. In 2009 the Committee forecast a slight upturn in the panel markets in 2010 but the European Panel Federation expects continued downward trends. In all three subregions panel producers continue facing lack of affordable wood raw material due to reduced sawmill activity as well as continued severe competition for woody biomass with the energy sector. Despite the reduced demand for panels, prices for wood chips and particles as well as oilbased resin and glue remained high. Panel prices and profits were at extremely low levels, resulting in a record net reduction of production capacities within the past year (e.g. - 2.3 million m^3 in North America).

North America is the only subregion where the apparent consumption will continue to decrease in 2010 by -4.4% (-7.6% in 2009). However, it is expected that the exports are going to develop strongly with an increase by 25% in 2010 after a 15% drop in 2009. OSB is the major panel product in North America and its production is forecast to drop by about 12% to 15.6 million m^3 in 2009, but then is expected to start to recover by 18% to 18 million m^3 in 2010. European panel production, trade and apparent consumption are expected to increase in 2010 after a feeble 2009 market.

Particle board production holds the greatest share of the European panels and its production is predicted to stabilize at 40.9 million m^3 in 2009 and then move up to 41.8 million m^3 in 2010. MDF production is also forecast to rise in 2010 at around 13.4 million m^3 after a reduced production of 12.7 million m^3 in 2009.

Increased panel production in the Russian Federation had been expected as a result of the Russian log export tax to 25% (or 15 euro/m^3). However it dropped sharply in 2009. in 2010 an upswing of 5.6% is projected in the panel production in the Russian Federation. The export-oriented plywood industry is suffering from the decline in international markets which is reflected by a -2% decline of production anticipated in 2009, but which is expected to strongly rebound by 6.6% in 2010.

Paper, paperboard and wood pulp

Pulp and paper production and consumption in both Europe and North America declined in 2008 and 2009 as the global economic crisis took hold. The paper and paperboard production in both Europe and North America is expected to decline by 9% and 4% respectively in 2009 which is considerably more than the 2008 drop. The net drop of wood pulp consumption hit North America and Europe in the same way. The domestic production of wood pulp in both subregions dropped significantly (North America by -10% in 2008 and forecast by -4% in 2009, Europe -8% in 2008 and -7% in 2009), whereas the imported and exported volumes remained constant. In mid 2009 pulp prices started to stabilize which is seen as a first hint of a positive market development. It is expected that the North American pulp production and consumption will stagnate at lower level, whereas the European development of pulp production and consumption is anticipated to recover slightly in 2010.

Russian Federation pulp export is expected to drop in 2009 before stabilizing in 2010. There are no major changes expected for the Russian paper and paperboard production, consumption and trade.