



INTERNATIONAL TROPICAL

TIMBER ORGANIZATION

Tropical Timber Market Information

Towards Greater Transparency in the Tropical Timber Markets

Producer's Report

Log Prices

International Prices

Log Prices, Gabon

<i>Okoume, FOB</i>	<i>F.CFA per Cu.m</i>
<i>Grade</i>	
<i>LM</i>	146,000
<i>QS</i>	129,500
<i>CI</i>	99,000
<i>CE</i>	83,500
<i>CS</i>	67,000

<i>Ozigo, FOB</i>	<i>F.CFA per Cu.m</i>
<i>Grade</i>	
<i>LM</i>	103,000
<i>QS</i>	90,000
<i>CI</i>	70,000
<i>CE</i>	59,500

<i>Logs</i>	<i>F.CFA per Cu.m</i>
<i>Agba</i>	55,000
<i>Moabi</i>	65,000
<i>Niangon</i>	78,000
<i>Douka</i>	55,000
<i>Abura</i>	65,000
<i>Sapelli</i>	85,000
<i>Iroko</i>	58,000
<i>Sipo</i>	95,000
<i>Padouk</i>	55,000

Malaysia

Sarawak produced about 16 million Cu.m of logs for the year 1996 with some 44% of the total production exported. The revenue from log exports amounted to about US\$ 920 million.

Sarawak Log Export Prices

<i>(FOB)</i>	<i>per Cu.m</i>
<i>Meranti SQ up</i>	US\$200-210 ↓
<i>small</i>	US\$170-180 ↓
<i>super small</i>	US\$140-150 ↓
<i>Keruing SQ up</i>	US\$225-230 ↓
<i>small</i>	US\$185-190 ↓
<i>super small</i>	US\$150-165 ↑
<i>Kapur SQ up</i>	US\$220-235 ↑
<i>Selangau Batu SQ up</i>	US\$225-235 ↓

Cameroon Log Prices

<i>FOB</i>	<i>Per Cu.m</i>
<i>N'Gollon 70cm+ LM-C</i>	FFR1350 ↓
<i>Ayous 80cm+LM-C</i>	FFR1250 ↑
<i>Sapele 80cm+LM-C</i>	FFR1600 ↑
<i>Iroko 70cm+LM-C</i>	FFR1700 ↑

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South Sea Logs

FOB	per Cu.m
Pometia	US\$145-155
Calophyllum	US\$135-140
Terminalia	US\$115-120
Other mixed species	US\$100-110

Falkata logs	US\$55-60
Rubberwood	US\$38-40
Pine	US\$65-70 ↑
Teak	US\$1050-1250
Mahoni	US\$240-250 ↑

Report from Malaysia

Domestic Log Prices

Report From Brazil

Logs at mill yard	per Cu.m
Mahogany 1st Grade	US\$390
Ipe	US\$82
Jatoba	US\$60
Guaruba	US\$43
Mescla(white virola)	US\$46

Logs	Domestic (SQ ex-log yard)	Per Cu.m
Meranti Bukit (SQ)		US\$275-285 ↑
Kembang Semangkok		US\$230-245 ↑
Merbau		US\$205-210 ↑
Peeler Core logs		US\$140-150 ↑
Rubberwood		US\$35-37
Kempas		US\$150-155 ↑
Keruing		US\$225-235 ↑

Ghana

The early rains are affecting the build up of log stocks. Demand by millers for Asanfna (Anegre) has pushed the price to an all time high of US\$210 per Cu.m

Logs		Per Cu.m
Ceiba	90cm +	US\$40
Otie/Ilombe	60cm +	US\$50
Emire/Framire	60cm +	US\$55
Ofram/Frako	55cm +	US\$45
Ekki/Azobe	70cm +	US\$50
Kussia/Billi	70cm +	US\$50
Guarea	60cm +	US\$60
Chenchen	70cm +	US\$45
Cedrella	50cm +	US\$45

Sawnwood Prices

International Prices

Brazil

Export Sawnwood	per Cu.m
Mahogany KD FAS FOB	
UK market	US\$1030
Jatoba Green	US\$440-490
Curupixa (Europe)	US\$520
Asian Market	
Guaruba	US\$285
Angelim pedra	US\$270
Mandioqueira	US\$245
Pine (AD)	US\$150

Report from Indonesia

Domestic log prices Per Cu.m	
Plywood logs	
Face Logs	US\$150-160
Core logs	US\$ 125-135 ↓
Sawlogs	US\$125-145 ↑

Ghana

The export levy issue is still under discussion. The movement in price for Odum has steadied. Redwood species, mainly for Saudi Arabia, are at US\$350 for No1 common or better.

Rough Sawn Prices FOB

	Per Cu.m
Mixed Redwoods	US\$330
low grade Odum (Iroko)	US\$400
Wawa	US\$220
Wawa fixed dimensions	US\$260
Wawa Boules	US\$219
70cm log dia. 25-75mm. 450cm length	

	per Cu.m
Mahogany	US\$480
FAS 100mm plus 1.8m plus	US\$520
FAS 150mm plus 2.4m plus	US\$700
Odum FAS 100mm	US\$400
Wawa FAS 1.8m plus	US\$640
Anegre	
FAS 150mm plus 2.4m plus	

Guarea	FAS	US\$460
Ofram	FAS	US\$270
Emire	FAS	US\$460
Ekki	FAS	US\$335
Kussia	FAS	US\$330
Dahoma	FAS	US\$250
Cedrella	FAS	US\$410

Malaysia

Sawn Timber	Export(FOB)	per Cu.m
Dark Red Meranti (2.5ins x 6ins & up)	GMS select & better (KD)	US\$710-720 ↑
Seraya	Scantlings (75x125 KD)	US\$750-765 ↑
Sepetir Boards	Perupok (25mm&37mm KD)	US\$950-980
K.Semangkok (25mm&37mmKD)		US\$710-720

Taiwan Province of China

Rubberwood	per Cu.m
25mm boards	US\$410-420
50-75mm squares	US\$460-480
75-100mm squares	US\$490-500

	per Cu.m
Sepetir	US\$385-395
GMS (AD)	US\$520-535
Ramin less than 2 ft.	US\$610-620
greater than 2 ft.	US\$720-735 ↑
Oak 25mm boards	US\$950-985
Maple	US\$1150-1250 ↑
Cherry	

Domestic Sawnwood Prices

Report from Brazil

Sawnwood (Green ex-mill)		per Cu.m
Northern Mills	Mahogany	US\$830
Ipe	Jatoba	US\$412
Eucalyptus	Southern Mills	US\$386
Pine (KD) First Grade		US\$165
		US\$175

Ghana

Dahoma, Chenchen, Antiaris	per Cu.m
Mill Run 50x150mm	US\$95-125
50x100mm	US\$72-105
50x50mm	US\$105-150
25x300mm	US\$72-105
Mixed Redwood	
40x300x3.6m	US\$105-240

Gabon

Sawnwood	
Sawnwood Up to 6m length	
80x40mm up to 250x50mm	
Okoume, Ozigo, Olon, Alone, Faro, Abura, Agba and Andoung heitz	F.CFA 110,000 per Cu.m
Acajou, Mavingul, Kosipo, Afo, Aiele, Bosse fonce, Eblara	F.CFA 115,000 per Cu.m

Report from Indonesia

Sawn timber	
Domestic construction material	
Kampar	per Cu.m
AD 6x12-15x400cm	US\$325-340
KD	US\$460-470
AD 3x20x400cm	US\$400-405
KD	US\$510-515
Keruing	
AD 6x12-15cmx400	US\$260-275
AD 2x20cmx400	US\$300-310
AD 3x30cmx400	US\$335-340

Malaysian Domestic Sawnwood Prices

Sawnwood	per Cu.m
Balau(25&50mm,100mm+)	US\$395-410 ↓
Kempas50mm by (75,100&125mm)	US\$220-225
Red Meranti (22,25&30mm by180+mm)	US\$305-315 ↓
Rubberwood	
(25mm & 50mm)	US\$265-275 ↓
50mm squares	US\$310-320 ↓
75mm+	US\$370-380 ↑
Mixed Hardwood Piling	
5-6 ins x5-6 ins sections	US\$210-220

Plywood and Veneers

International Prices

Indonesian Plywood

The Indonesian Government has increased royalties by 10 % for 1997/8. This increase took effect from 1 April 1997 and will run until 31 March 1998. The new royalty structure, however, does not affect wood chips, timber derived from industrial timber estates and forest by-products. The new royalties for Meranti logs now range from US\$10(Rp23,000) to US\$12(Rp28,500) per Cu.m depending on the source of the timber supply. In the case of Teak, the new royalties range from US\$3.5(Rp 8,500) to US\$13.5(Rp32,700) per Cu.m, depending on the diameter of the logs

Plywood (export, FOB)	
MR,	per Cu.m
Grade BB/CC	
2.7mm	US\$480-495 ↓
3mm	US\$435-450 ↓
6mm and above	US\$350-370 ↓
WBP,	
Grade BB/CC	
12-18mm	US\$440-450

Ghana

Sliced Veneer FOB per Sq.m		
Asanfona	Face	US\$1.20
	Interior	US\$1.00
	Backing	US\$0.65
Redwoods (Mahogany, Candollei, Edinam)		
		per Sq.m
	Face	US\$1.15
	Interior	US\$0.90
	Backing	US\$0.55

Ready Spliced Veneer (layons)	
Thickness 6mm FOB	
	per Cu.m
Sapele	US\$1370
Anegre	US\$1062
Mahogany	US\$1149
Koto	US\$1153

Plywood 1220 x 2440 mm		
Grade BB/CC, FOB		
Ceiba for the UK market		
	Per Cu.m	
	WBP	MR
4mm	Stg347	Stg278
6mm	Stg296	Stg249
9mm	Stg284	Stg248
12mm	Stg275	Stg238
18mm	Stg270	Stg230
25mm	Stg282	-----

Plywood 1220 x 2440mm	
Grade c/c WBP FOB	
Ceiba for the German market	
	<i>per Cu.m</i>
4mm	DM735
6mm	DM623
9mm	DM613
12mm	DM600
15mm	DM587
18mm	DM573

Rotary Cut Veneer FOB	
	<i>per Cu.m</i>
Face Veneer	1-1.6mm
Ceiba	US\$320
Koto	US\$500
Otie/Homba	US\$440
Ofram	US\$440

Brazilian Plywood and Veneer

Veneer	FOB	per Cu.m
White Virola Face		
2.5mm		US\$270-320
Pine Veneer (C/D)		US\$220
Mahogany Veneer		
0.7mm		per Sq.m US\$2.70

Plywood FOB	per Cu.m
White Virola (US Market)	
5.2mm OV2 (MR)	US\$345
15mm BB/CC (MR)	US\$340
For Caribbean countries	
White Virola 4mm	US\$470
9mm	US\$370

Pine USA market	
9mm C/CC (WBP)	US\$270
15mm C/CC (WBP)	US\$250
Cedro (puerto Rico Market)	
4mm	US\$810

Malaysian Plywood

G.P.K. Wood Products Sdn. Bhd. Malaysia, a joint venture company of Kanematsu Corporation, has started supply of thick plywood to Japan. Since veneer production, alone, became unprofitable, the company started plywood production mainly for base panel for flooring. Monthly production will be 3,000-3,300 Cu.m.

MR Grade BB/CC FOB	
	<i>Per Cu.m</i>
2.7mm	US\$485-500 ↓
3mm	US\$440-450 ↓
3.6mm	US\$415-425
9-12mm	US\$365-380 ↓
18mm plus	US\$345-350
WBP Grade BB/CC	
9-18mm	US\$425-430 ↑
Phenolic Overlaid	
12-18mm	US\$495-510
Domestic plywood	
3.6mm	US\$470-480
9-18mm	US\$455-470 ↓

Taiwan Province of China

Plywood	per Cu.m
2.7mm x 4' x 8'	US\$625-635 ↑
9.0mm x 4' x 8'	US\$505-510 ↑
12-18mm	US\$470-490 ↑

Domestic Plywood Prices

Brazil

Rotary Cut Veneer	
(ex-mill Northern Mill)	
White Virola Face	per Cu.m US\$165
White Virola Core	US\$120
Plywood	
(ex-mill Southern Mill)	
Grade MR	
4mm White Virola	Per Cu.m US\$670
15mm White Virola	US\$495
4mm Mahogany 1 face	US\$1,410

Indonesia

Domestic MR plywood	
(Jarkarta)	per Cu.m
9mm	US\$450-460
12mm	US\$425-430
15mm	US\$410-420
18mm	US\$380-400

Domestic Prices	
Ex-mill Southern Region	per Cu.m
Blockboard	
15mm White Virola Faced	US\$510
15mm Mahogany Faced	US\$860
Particleboard	
15mm	US\$320

Gabon

Okume Plywood	
(250x122cm)	F.CFA Per pc
	Untaxed Taxed
4mm	3,430 - 3,780
5mm	5,314 - 6,270
8mm	8,886 - 9,540
10mm	9,010 - 11,047
12mm	10,762 - 12,699
15mm	13,019 - 15,362
19mm	15,790 - 18,632

Indonesia

Other Panels	
	Per Cu.m
Export Particleboard FOB	
9-18mm	US\$135-145
Domestic Particleboard	
9mm	US\$245
12mm	US\$230
15mm	US\$210
18mm	US\$200
MDF Export (FOB)	
12-18mm	US\$200-210
MDF Domestic 15-18mm	US\$285-300

Furniture Parts and Components

Taiwan Province of China, Imports

Imports C&F	per pc
Rubberwood Chair seats	US\$2.90-3.10
Rubberwood unfinished	
Queen Anne Chairs	
(excluding soft seat)	US\$12.5-14.00ea
Queen Anne Legs	
2 1/4 ins square x 18 ins	US\$1.00-1.10ea
2 3/4 ins square x 28 ins	US\$2.10-2.25ea

Taiwan Province of China, Imports

MDF	per Cu.m
Domestic Prices	
3mm thick	US\$420-425 ↑
4.75mm	US\$390-405 ↑
12-18mm x 4' x 8'	US\$270-290
Particleboard	
12-18mm (4x8)	US\$190-205 ↓

Other Panel Product Prices

Brazil

Export Prices	
Blockboard 18mm	per Cu.m
White Virola Faced	
B/C	US\$305

Malaysia

Particleboard (FOB)	
	per Cu.m
6mm & above	US\$140-155
Domestic	
6mm & above	US\$175-185

MDF (FOB)	per Cu.m
Less than 5mm	US\$220-230 ↓
Greater than 6mm	US\$200-215
Domestic	US\$240-245

Prices of Added Value Products

Indonesia

Mouldings	
Ramin skirting	per Cu.m
(for the Italian market)	US\$925-935 ↑
Crown using Pulai or Jelutung	
(for Japanese market)	US\$800-810
Laminated Scantlings	US\$635-645 ↑
Laminated Boards	
Falkata wood	US\$395-425
Laminated Boards	
Pine	US\$850-880
Red Meranti Mouldings	
11x68/92mm x 7ft up	
Grade A	US\$820-835
Grade B	US\$620-635

Malaysia

Mouldings (FOB)	per Cu.m
Selagan Batu Decking	US\$580-590 ↑
Kembang Semangkok	
S4S to Japan	US\$1000-1200
Laminated Scantlings	
72mmx86mm	US\$665-680 ↓
Red Meranti Mouldings	
11x68/92mm x 7ft up	
Grade A	US\$850-860 ↑
Grade B	US\$650-680 ↑

Doors (FOB)	
Meranti (red) panel doors	
Grade A	US\$51-53 per pc
Grade B	US\$46-47 per pc
Grade C	US\$42-45 per pc

Rubberwood parts and Furniture

Malaysia

Shaped chair seats
(18-22mm 16"-18" squares)
US\$2.95-3.20 per pc

Finger jointed	per Cu.m
laminated boards	US\$820-835 ↑
top grade	US\$860-885
Rubberwood S4S	US\$440-450

Dining suite
Solid rubberwood laminated top 3' x 5'
with extension leaf US\$55-60ea ↓
Same with
Oak veneered MDF US\$70-75ea ↓

Windsor Chair	US\$11.50-13.00ea
Colonial Chair	US\$14.50-15.50ea
Napolean Chair	US\$22-26ea
Queen Anne Chair (with soft seat)	
without arm	US\$22-24ea ↓
with arm	US\$26-30ea

Brazil

Edge Glued Pine Panel	per Cu.m
for Korea 2nd Grade	US\$510
1st Grade	US\$770
US Market	US\$550

Taiwan Province of China

Rubberwood Chair Seats	US\$2.90-3.10
Rubberwood Unfinished	
Queen Anne Chairs	US\$12.5-14.0ea
Queen Anne Legs 2.25 ins square	
18ins Long	US\$1.00-1.10ea
2.75ins Square 28 ins Long	US\$2.10-2.25
Rubberwood finger joint	
table tops	US\$810-830/ Cu.m

Consumer's Report

Report From Japan

Decrease in Total Tropical Log Imports in 1996

Imports of Southsea and African logs were down by 2.4% in 1996 compared to the year before. Imports are reported at 5,781,000 Cu.m. The decline in total tropical log imports has been continuous since 1993.

There has been a marked change in the source of logs. Imports from Sarawak totaled 3,485,300 Cu.m, or 60% of the total, but imports were down 10.7% on 1996. Imports from Papua New Guinea stood at 1,852,000 Cu.m, accounting for 32.0% of the total imports and were up some 17% on last year. Arrivals from the Solomons registered 390,900 Cu.m about the same as last year. Imports from Sabah were small at only 23,000 Cu.m, and we are yet to see any impact as a result of the lifting of the log export ban. Additional small quantities were recorded from Laos 22,000 Cu.m, and Myanmar 8,500 Cu.m.

In contrast to the decline in Asian and Pacific log imports African log imports increased. In 1996 African log imports totaled 626,000 Cu.m, up by 18% over the previous year.

African logs are now sold throughout Japan and their use for plywood manufacture is generally accepted. The increase in African log imports largely off-set the decline in imports of SE Asian logs.

An importer noted that, the small fluctuations in the FOB price for Southsea logs during the year created a stable market and has reduced the risks of importing African logs, for which delivery times and shipping times tend to be much longer than for Southsea logs. Under the present conditions it has become less risky to import African logs.

Southsea Lumber Imports Down

Japan's total imports of Southsea lumber and mouldings for 1996 were 1,214,200 Cu.m, a drop of 8.7% from the previous year.

Imports of Lauan sawn lumber (*Dipterocarpus*) were down by 52% to 25,372 Cu.m. Arrivals of tropical lumber, other than Lauan, dropped 4.8% to 669,978 Cu.m. Imports of tropical mouldings and profiles dropped by over 11%. Imports from Malaysia were down 25% to 468,223 Cu.m.

On the other hand, Indonesia became the largest supplier of 531,820 Cu.m (2.9% up). Plantation softwood sawn imports increased by 20% to 81,564 Cu.m and manufactured product imports increased slightly, being 3% up on last year.

Record Plywood Imports in 1996

Japan's imports of plywood for 1996 were the highest ever at 5,314,000 Cu.m. The very strong growth in housing starts in 1996 (an increase of 21% over the previous year to 1,643,000 units) is largely responsible for this increase in plywood imports.

For 1996, domestically manufactured plywood accounted for only 47% of total consumption with the balance of 53%, being imported.

Indonesia dominates the plywood and wood based panel market in Japan, supplying some 3.25 mil Cu.m last year. The amount of Indonesian plywood into the Japanese market had declined from a peak in 1993 but last year imports increased by 8%, accounting for a 61% share of the total imports of plywood. Japan's domestic production of plywood has become more softwood-oriented and less geared to Concrete form (CF) plywood production, for this product the Japanese market is depending more and more upon imports, and especially Indonesian production.

For the year there was a rapid increase in imports of Malaysian plywood, up by 56% over the previous year to 1.51 mil Cu.m. There was also a sharp expansion of imports of softwood plywood from Canada (up 43%), the U.S. (up 21%) and New Zealand (up 24%), though the quantity is still small. Softwood plywood is used mainly for structural purposes and has gained market acceptance in the Japanese market. Traders are saying that with this acceptance in the market they will be able to increase the number of countries from which supplies can be obtained.

Most of the imported plywood from Malaysia was for underlayment. Japanese importers complain that the problem with Malaysian plywood is its high FOB price (about US\$430 per cubic meter) relative to the price which the market will bear. Some traders are saying that is difficult to conclude new contracts with the Yen being as weak as it is and the demand appearing to settle.

Sharp Growth in Softwood Plywood

Imports from Canada exceeded 360,000 Cu.m in 1996. CSP of 4x8 with 9.5mm, grooved and tongued jointed sheathing or plywood for underlayment and COFI roof have advanced

well into the Japanese market to boost market share the supply of 3x6 panels from Canada has already started. Canadian softwood plywood, which is highly appreciated as a low-formaldehyde product, is expected to grow further in Japan this year

In 1997, Japan is estimated to produce more softwood plywood than in any year previously. While plywood production in Japan is to decrease, production of Lauan plywood will decrease further and more rapidly.

Delivered Prices

Asian Log, Lumber and Panel Prices

Logs For Plywood Manufacturing	
CIF Price Yen per Koku	
Meranti (Hill, Sarawak)	
Medium Mixed	8,600
Meranti (Hill, Sarawak)	
STD Mixed	8,500
Meranti (Hill, Sarawak)	
Small Lot	
(SM60%, SSM40%)	8,000 ↑
Taun, Calophyllum (PNG)	
and others	7,200
Mix Light Hardwood	
(PNG G3-G5 grade)	6,000
Okume (Gabonese)	8,700
Keruing (Sarawak)	
Medium MQ & up	9,000
Kapur (Sarawak) Medium	
MQ & up	8,800

Logs For Sawmilling	
FOB Price Yen per Koku	
Melapi (Sarawak)	
Select	11,500
Agathis (Sarawak)	
Select	10,000

Lumber	
FOB Price Yen per Cu.m	
White Seraya (Sabah)	
24x150mm, 4m 1st grade	135,000
Mixed Seraya 24x48mm,	
1.8 - 4m, S2S	55,000
Red Oak 5/4x6 ins and wider	
FAS (US East Coast)	125,000

Panels	Mill Gate Price Tokyo Area
	Yen per sheet
Concrete Formboard	
Domestic Production from S.E Asian Logs	
11.5x900x1800mm Type 1	1,300 ↑
Thin	
2.3x910x1820mm Type 2	350
Medium	
4.0x910x1820mm Type 2	540
5.5x910x1820mm Type 2	670
	per sq. ft
Particleboard 15mm	44
MDF 15mm	70

Other News from Japan

Prices of Thin Plywood Up

Seihoku plywood manufacturing group has announced a prices increase of Yen10 per sheet for thin standard plywood and half-inch plywood for concrete formwork bringing prices to Yen350 and Yen1,310 effective 1 April. The increase is the result of increased log costs, the result of the depreciated Yen against the dollar and the fact that prices for Indonesian products are up to Yen360 for thin plywood and Yen1,360 concrete formwork.

Competition from OSB

Imports of OSB were above 200,000 Cu.m last year, which is about double that of the preceding year. Until last year there were two main suppliers, Ainthworth Lumber and Weyerhaeuser Canada.

This year Norboard, Tolko Industries and Slocan started supplying. In addition there are some mills that have JAS certification. Since inventories in North America are on high level, they are expected to export more to Japan.

OSB was first used for packaging in Japan, however, now OSB is used for underlays and wall panels in residential housing. In terms of price plywood is at Yen60,000-70,000 per Cu.m and OSB is at around Yen50,000. OSB suppliers offer a quantity discount.

Prices for OSB can be 15% below the list prices for contracts over 535 Cu.m. Some analyst doubt that sales are profitable at such discounts even such discounts.

Report From China

The ITTO correspondent in China is reporting that the market for wood products has improved in the early part of the year and that forecasts for consumption for 1997 are very positive.

The State is addressing capital availability and is improving access to loans by industry, at the same time the State is moving to stimulate domestic consumption. Residential construction is given importance in the 9th Five-Year Plan. Investment in residential construction will be increased and the whole sector is set to benefit from favorable policy moves by the Government. The main impact will be seen in the mid and west regions of the country.

There are two factors which are of concern to an expansion of the timber market. Much of the domestic production is said to be now of a much wider variety of lower grade, small diameter logs. The other problem relates to the tax and royalty levels which industry say are very high. Nevertheless with the expansion of the construction sector the price for good quality Korean Pine, Larch and Scots Pine is seen as increasing. Increased consumption will drive up prices of the decorative timbers such as Oak, Birch and Manchurian Ash.

Demand for imported decorative timbers for joinery and furniture is forecast to grow and price increases are foreseen. In Shanghai wholesale market the price of Teak logs is as high as Yuan 7000 per Cu.m. The price of Oak and Cherry sawnwood from the US has reached as high as Yuan 7000-14000 per Cu.m. The current price of lauan sawnwood is Yuan 2850-3450 per Cu.m. The market for plywood is buoyant and prices still have some way to go.

Prices for Imported Tropical Wood Products in Shanghai and Eastern China (Yuan/cubic metre or per sheet)

	Per Cu.m
Keruing Log	
Length: 6-20m	1880-2400
Mengaris Log	
Length 6m+	1800-1900
Malaysian Lauan Log	
Mixed	2500-2600
Malaysian Lauan with hollow heart	
Mixed	1200-1400

Lauan lumber	per Cu.m
Thickness: 5-6cm	
Length: 3-4m	2850-3450
Lauan tongued, grooved flooring strip	
18mmx50-70mmx3m	110-125
Malas tongued, grooved flooring strip	
18x70mm x2.2-4.1m	110-125
Balian Flooring Top Grade Myanmar	
18x50-70x2400mm	300-350
Plywood from Indonesia	
3mm 1220x2240	41 per sheet

Other News from China

Reduction of import tariffs

By the year 2000, the People's Republic of China plans a marked reduction of import tariffs. At the moment these are at an average of 23%, while by the turn of the millennium they will be down at 15%. In 1996 import tariffs were reduced by 12.9%. In the opinion of market analysts, these measures have been announced as an effort to support the country's plan to obtain a seat in the World Trade Organization (WTO).

Some European companies complain, however, that the reduced tariffs are mainly applicable to raw materials and some products, of higher added value, will be liable to consistently high import tariffs.

From Europe, An Update on France

1996 a Disappointing and Difficult Year

The French timber industry described 1996 a very disappointing and difficult year and industry has a mixed feeling about the timber market in 1997, although it is still clinging to some optimism.

OECD estimates suggest domestic demand this year will grow by only 1.7%, down from 2.4% in 1996. Last year the French government achieved another and marked reduction of its household deficit. In addition French exports yielded a record surplus of about FF120bil, this year the forecast is that exports will grow by 5.8%. This development is strengthened by favorable exchange rates of the franc in relation to the US dollar, the pound sterling and the Italian lira. Public investments, however, are

forecast to drop, while private investments are expected to grow by 3.4%.

Lower Imports of Tropical Timber

The trade in tropical timber continues at a low level. Imports of Okoume in 1996 were at about the same level as in 1995 while imports of other species in log form, were down 24%. In 1996 sawn timber imports were down by a staggering 54%.

The Ivory Coast accounted for most of the drop in imports. French imports from Gabon were hampered by reported difficulties with transportation. Cameroon hopes to resume production very soon after the end of the rain season, to take advantage of the difficulties faced by Gabon and by Ivory Coast. Imports from Brazil are moderate and the country still has to cope with problems of profitability brought on by the squeeze on credit. French saw-mills are suffering from a shortage of logs which has created an upward pressure on prices.

Manufacturers Prices in France

Window

Venetian Blind 120x150cm	FFR2,190
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Solid Wooden Doors

Upper Price, Oak,	FFR10,018
Medium Price, Oak,	FFR7,920
Lower Price, Oak,	FFR6,073

Furniture and Components

Kitchen Chairs	
Medium Price, Beech,	FFR234
Lower Price, Beech,	FFR140

Dining Chair	
Upper Price, Solid Cherry	FFR1,690 ↑
Medium Price, Beech	FFR280
Lower Price, Beech,	FFR181

Kitchen Table	
Medium Price, Beech	FF561
100x70cm	
Lower Price, Melamine	
Covered 115x74cm	FFR238

Dining Table	
Upper Price, Cherry	FFR11,700
150x90cm	
Lower Price, Softwood	
115x74cm	FFR1,000

Kitchen Doors	
Upper Price, Solid Oak,	FFR560
58.8x49.5cm	
Medium Price, Solid Oak,	FFR327
58.8x49.5cm	
Lower Price, Solid Oak	
58.8x49.5cm	FFR265

Mouldings	Per Lin. m
Medium Price, Pine	FFR8.56
1.4x4.8cm	
Lower Price, Pine	
1.0x2.9cm	FFR5.05
1.0x2.7cm	FFR5.56

In January 1997 the French production of furniture registered a slight increase over the figure for December. In the same period there was a slight decrease in the production of chairs.

Other News from Europe

About 80% of raw materials used by the Italian furniture industry is imported. According to Federlegno (the Association of Italian furniture manufacturers), Italian furniture producers buy about L5,000 bil worth of wood every year from foreign countries. Federlegno and ICE (the Italian Institute for Foreign Trade) are developing a common strategy to identify new wood species to be used for the manufacture of furniture. Study missions abroad are being organized.

In 1996 Spring Ram, the bathroom and kitchen furniture producer, reported losses due to Stg30 million of exceptional

costs. This is the third year of losses for the UK group, which had to reduce its workforce and to sell Crosby and Meredew Cabinets.

Nolte Möbelindustrie Holding GmbH (Germersheim) has founded a holding company known as GmbH & Co KGaA in order to go public. In 1996 the group reached a turnover of DM768 mil. Nolte, which has the license on a patent to recover chips from old furniture particleboard, will invest DM5 million in a large-scale plant to recycle 50,000 tons of old furniture per year.

WFM, one of the leading kitchen and bathroom furniture manufacturers in Poland, is being privatized. Some 20% of the shares will be acquired by its employees and management, while 80% will be acquired by Skanska (a Swedish multinational), which plans to invest about SEK20 mil in WFM over five years. After the Skanska take-over, WFM will become part of the Poggenpohl group.

Spanish kitchen furniture manufacturer Teka Industrial is planning to invest Pta 1.5 bil to expand its Cajo plant and to create an engineering and development centre.

The Portuguese wooden products and furniture industry (comprising more than 4,700 companies employing 104,000 people) is in a positive mood. In 1995 the sector made an aggregate turnover of Esc 73.2 bil and 1996 was a good year too. One of the major problems the sector has to face is the lack of raw materials, particularly wood. AIMMP, the Portuguese sector association, has called for a coordinated forestry policy and an increase in the domestic supply of pine.

US Industry Report

The warm, wet weather, and the negative impact this has had on forest extraction has resulted in many mills to work short hours or temporally close their operations. The weather is so bad that there are road restrictions in some areas.

The situation may be further aggravated if federal timber sales are curtailed as a consequence of the low level of income earned by the US Forest Service.

Sadly for industry the slow logging coincides with a strong demand for wood from the housing and furniture industries, brought about by the healthy state of the US economy. The demand for Hard Maple is particularly brisk at present, it is

reported.

Under these circumstances, it is not surprising that lumber supply continues to trail demand and that the price trend for wood raw materials for the furniture industry is still moving up.

With the exception of Particleboard and MDF, virtually all other wood material costs are at, or close to, their peak for the past 12 months.

As of February 1997, rough domestic hardwood lumber was priced 4.5% higher than in February 1996. Similarly, imported Mahogany prices advanced by 4.2% during the same time period.

The strong demand and the generally higher prices for lumber, have been most visible for Hard Maple, Soft Maple, Cherry, and to a somewhat lesser degree for Red Oak. Analysts suggest that this trend will probably continue through the second quarter of this year. However, some users are cutting back in their application of Hard Maple, substituting it with less costly species such as Soft Maple.

Contrary to the situation with lumber, prices for Particleboard and MDF remain weak, reflecting the continued oversupply of these materials. Particleboard prices are 2.8% and MDF prices 4.6% below the level of February 1996. Nevertheless, the price decline has slowed, and for MDF small price recovery has been observed since the beginning of this year.

Interestingly, the log shortage has not resulted in a slowdown in hardwood lumber exports, in fact, exports appear to have improved recently. This is even more surprising in light of the strengthening value of the US dollar.

If the dollar strengthens further, exports could decline as buyers look for cheaper sources of lumber. There is intense and growing competition from producers in Eastern Europe who have sold increasing volumes of White Oak, Walnut and Beach into European markets.

While the bad logging weather may continue in the short-term, conditions will improve in the not to distant future. As log availability improves during the next several months, many industry observers feel that lumber prices will top out.

Infact most lumber prices have already become much more stable in the past few weeks and there may be some price declines toward the middle of the year.

Selected Sawwood Prices

	<i>Per MBF</i>
Mahogany	
<i>West coast port of entry</i>	
<i>KD</i>	US\$2620
<i>Green/AD</i>	US\$2475
Meranti	
<i>West coast port of entry</i>	
<i>Clear, dark red KD</i>	US\$2220
<i>Clear, light red KD</i>	US\$2035
Cherry	
<i>Appalachian Region</i>	
<i>KD</i>	US\$2455 ↑
Hard Maple	
<i>Northern Region</i>	
<i>KD</i>	US\$2055 ↑
<i>Green/AD</i>	US\$1760 ↑
<i>Appalachian Region</i>	
<i>KD</i>	US\$1980 ↑
Red Oak	
<i>Northern Region</i>	
<i>KD</i>	US\$1573
<i>Green/AD</i>	US\$1300
<i>Southern Region</i>	
<i>KD</i>	US\$1218 ↑
<i>Green/AD</i>	US\$1010 ↑
<i>Appalachian Region</i>	
<i>KD</i>	US\$1448 ↑
<i>Green/AD</i>	US\$1130 ↑
White Oak	
<i>Northern Region</i>	
<i>KD</i>	US\$1370
<i>Green/AD</i>	US\$975
<i>Southern Region</i>	
<i>KD</i>	US\$1250
<i>Green/AD</i>	US\$930
<i>Appalachian Region</i>	
<i>KD</i>	US\$1453
<i>Green/AD</i>	US\$1108
Walnut	
<i>Appalachian Region</i>	
<i>KD</i>	US\$1948
<i>Green/AD</i>	US\$1385

Plywood and Veneer

Hardwood Plywood
Red Oak plywood, 5-ply, lumber core
cross bands of poplar or gum
Both exterior layers of Red Oak
Furniture grade, rotary cut 4' x 8' 0.75" thick
per Sheet US\$47.00

Veneer Red Oak, 1/45", flat stock,
Container loads/truck-loads
per sq.ft. US\$0.10-0.15

Reconstituted Boards

Particleboard
Industrial grade board, 4' x 8' x 3/4"
South Central Region
per 1000 sq.ft US\$273 ↓

Medium Density Fibreboard
Industrial grade board, 4' x 8' x 3/4"
per 1000 sq.ft US\$383

Millwork

Wood Window Units
Wood sliding window Double glassed,
Upper/lower sash can be tilted. 32" x 54"
US\$81.50

Wood Doors
Interior door solid wood Raised colonial panels
without frame and hinges. 2'8" x 6'8" x 1.75"
US\$59.50

Wood Mouldings
White Pine moulding, 3.625" wide,
1" stock, finger jointed length approx. 16'
per linear foot US\$0.32

Wood Frames for Upholstered Chairs
Frame for lounge chair, 1" stock
nailed corner blocks

US\$45 ↑

Headboard for Bed
18th century French Fairhope headboard
Mahogany veneer on particleboard.
Width 43", Ht. 60.6"

US\$265

Wooden Furniture

Dining Room Table
18th century, French oval dining room table
extendible, with casters
Mahogany veneer on particleboard 64" x 44"
two 15" leaves, extends to 94", Ht. 30"
Apron to floor 26.5"

US\$615 ↑

Dresser used in the Bedroom
18th century French Elm Bluff 9 drawers.
Mahogany veneer on particleboard.
64" x 19", Ht. 36"

US\$479 ↑

Dining Room Chair
18th century French Mallard chair Solid Maple
21" x 22", Ht. 44.5" Seat 21" x 17.75, Ht. 18"

US\$188

Desks for use in the Office
Conference desk 5 drawers
Mahogany veneer on particleboard.
72" x 36", Ht. 29"

US\$903 ↑

Bookcase for the Living Room
18th century traditional styled bookcase
Sheraton accents.
Base 2 doors one adjustable shelf behind doors
Top cabinet deck 3 adjustable wood shelves.
Maple solids and select cherry veneer
Hand-rubbed cherry finish.
50.25" x 16.5", Ht. 88.5"

US\$795

Higher raw-material costs and increased demand for durable consumer goods has resulted in some upward price movements for furniture and other secondary wood products during the past six months. All items tracked are showing higher prices than one year ago. Wood moldings and living room cabinets stand out for their steep price advances. On average, prices for furniture and other secondary wood products experienced higher price increases than the underlying price increases for wood raw-materials but this is largely due to the impact of falling particleboard prices. Price increases of finished products are generally still below the price increases for sawnwood.

World Value of the US Dollar 4th April 1997

Cameroon	C.F.A.Franc	564.25	Australia	Dollar	1.2874
Central African Republic	C.F.A.Franc	564.25	Canada	Dollar	1.3891
Congo, People's Rep.	C.F.A.Franc	564.25	China	Yuan	8.2969
Cote d'Ivoire	C.F.A.Franc	564.25	Egypt	Pound	3.3962
Gabon	C.F.A.Franc	564.25	Austria	Schilling	11.787
Ghana	Cedi	1910	Belgium	Franc	34.578
Liberia	Dollar	1	Denmark	Krone	6.3842
Togo, Rep.	C.F.A.Franc	564.25	Finland	Markka	5.0207
Zaire, Rep.	New Zaire	171450	Germany	Mark	1.675
Cambodia	Riel	2300	Greece	Drachma	265.12
Fiji	Dollar	1.4086	Ireland	Punt	0.6351
India	Rupee	35.855	Italy	Lira	1660.8
Indonesia	Rupiah	2405	Netherlands	Guilder	1.8852
Malaysia	Ringgit	2.4845	Portugal	Escudo	168.31
Myanmar	Kyat	6.2427	Spain	Pesata	141.72
Papua New Guinea	Kina	1.3812	Sweden	Krona	7.6232
Philippines	Peso	26.3655	United Kingdom	Pound	0.6108
Thailand	Baht	25.985	Japan	Yen	124.005
Bolivia	Boliviano	5.22	Nepal	Rupee	56.95
Brazil	Real	1.0615	New Zealand	NZ Dollar	1.4425
Colombia	Peso	1062	Norway	Krone	6.8074
Ecuador	Sucre	3715	Korea, Rep. of	Won	892.8
Guyana	Dollar	141.1	Switzerland	Franc	1.4375
Honduras, Rep.	Lempira	12.76	Russian Fed.	Ruble	5736
Panama	Balboa	1			
Peru	New Sol	2.658			
Trinidad and Tobago	Dollar	6.226			
Venezuela	Bolivar	476.75			

Abbreviations

LM	Loyale Merchant, a grade of log parcel	Cu.m	Cubic Metre
FOB	Free-on-Board	SQ	Sawmill Quality
SSQ	Select Sawmill Quality	KD	Kiln Dry
AD	Air Dry	FAS	Sawnwood Grade First and Second
Boule	A Log Sawn Through and Through the boards from one log are bundled together	WBP	Water and Boil Proof
BB/CC	Grade B faced and Grade C backed Plywood	MR	Moisture Resistant
MBF	1000 Board Feet	pc	per piece
Sq.Ft	Square Foot	ea	each
FFR	French Franc	BF	Board Foot
Koku	0.278 Cu.m or 120BF	MDF	Medium Density Fibreboard
		F.CFA	CFA Franc
		↓ ↑	Price has moved up or down

This Market Service can be accessed on the ITTO Internet Home Page at:

<http://www.itto.or.jp>

It is also freely available by E-mail.

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