

2014 Philippine Forestry Statistics



**FOREST
MANAGEMENT
BUREAU**
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2014
PHILIPPINE FORESTRY STATISTICS

FOREWORD

The Philippine Forestry Statistics is an annual publication of the Forest Management Bureau, Department of Environment and Natural Resources. It provides basic information on forestry in the country.

The data comprising this edition are presented in six (6) parts: Part I refers to forest cover, forest resources, and forest activities; Part II contains forest resources utilization; Part III presents the summary data on foreign trade; Part IV provides price information of logs, processed wood products as well as non-timber forest products; Part V indicates the revenues derived from the utilization of forest resources; and Part VI pertains to other statistics relevant to forestry.

Most of the data presented in this publication were collected from administrative reports of the DENR Regional Offices. Others were secondary data gathered from various agencies such as the National Mapping and Resource Information Authority (NAMRIA), Philippine Statistics Authority (PSA), and the Commission on Higher Education (CHED).

We wish to extend our sincere acknowledgement to the different government agencies and other stakeholders for their invaluable assistance in making this publication possible.

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Director

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UNIT OF MEASURE FOR TIMBER PRODUCTS

Product/Thickness	Unit	Cubic Meter	Solid Volume Cubic Foot	Equivalent Board Foot	Board Meter
Roundwood					
Logs	Cubic Meter	1.00000	35.31470	424.00000	100.000
Logs	1 ft. ³ (hoppus)	0.03605	1.27310	15.28400	3.605
Fuel or Pulpwood	1 cord	3.62500	128.01580	1,536.79700	362.500
Sawnwood					
Lumber	Board foot	0.00236		1.00000	0.236
	1000 bd. ft./pi	2.35850	83.33300	1.00000	235.850
	Cubic foot	0.02832	1.00000	11.99900	2.832
Wood Panel Product					
Veneer, Plywood, Particle board and Fiberboard					
per 1mm thickness	1000 square meter	1.00000	35.31472	424.00000	100.000
per 1/32 inch thickness	1000 square feet	0.07375	2.60446	31.27000	7.375
per 1/24 inch thickness	1000 square feet	0.08330	3.47250	41.69192	8.830
per 1/20 inch thickness	1000 square feet	0.11800	4.16714	50.03200	11.800
per 1/16 inch thickness	1000 square feet	0.14750	5.20892	62.54000	14.750
per 1/10 inch thickness	1000 square feet	0.23600	8.33427	100.06400	23.600
per 1/8 inch thickness	1000 square feet	0.29500	10.41784	125.08000	29.500
per 1/6 inch thickness	1000 square feet	0.39333	13.89034	166.77192	39.333
per 1/4 inch thickness	1000 square feet	0.59000	20.83569	250.16000	59.000
per 1/3 inch thickness	1000 square feet	0.78667	27.78103	333.54808	78.667
per 1/2 inch thickness	1000 square feet	1.18000	41.67137	500.32000	118.000

ABBREVIATION OR SYMBOL USED

AAC	Annual Allowable Cut	lm	Lineal Meter
A & D	Alienable & Disposable	MT	Metric Ton
AFF	Agroforestry Farm	NA	Not Available
ALR	Annual Log Requirement	NCR	National Capital Region
ARC	Annual Rated Capacity	NES	Not Elsewhere Specified
ARMM	Autonomous Region in Muslim Mindanao	nk	Net kilo
CAR	Cordillera Administrative Region	No.	Number
CBFM	Community Based Forest Management	NP	National Parks
CBFMA	Community Based Forest Management Agreement	OGA	Other Government Agency
CFMA	Community Forestry Management Agreement	PD	Presidential Decree
CFP	Community Forestry Project	PFDA	Private Forest Development Agreements
CIF	Cost Insurance Freight	PSA	Philippine Statistics Authority
CRTL	Civil Reservation Timber License	PTC	Permit to Cut
CTPO	Certificate of Tree Plantation Ownership	R	Region
CY	Calendar Year	SCP	Special Cutting Permit
CV	Certification of Verification	SIFMA	Socialized Industrial Forest Management Agreements
cu.m.	Cubic Meter	SMF	Self-Monitoring Form
DAO	Department Administrative Order	SP	Special Permit
DENR	Department of Environment and Natural Resources	SPLTP	Special Private Land Timber Permit
DRC	Daily Rated Capacity	STL	Special Timber License
FL	Forest Land	SY	School Year
FLGMA	Forest Land Grazing Management Agreement	TF	Tree Farm
FLMA	Forest Land Management Agreement	TLA	Timber License Agreement
FMB	Forest Management Bureau	TPSA	Timber Production Sharing Agreement
FOB	Free on Board	TFLA	Tree Farm Lease Agreement
FPRDI	Forest Products Research and Development Institute	US	United States
FY	Fiscal Year	WA	Wilderness Area
gk	Gross Kilo	WRP	Wood Recovery Permit
GRBS	Game Refuge and Bird Sanctuaries	Php	Philippine Peso
ha	hectare	\$	Dollar
IAOP	Integrated Annual Operations Plan	()	Decrease
IFMA	Integrated Forest Management Agreement	-	none
ITPLA	Industrial Tree Plantation Lease Agreement		
ITPL	Industrial Tree Plantation License		
k	kilo		

SYNOPSIS

Forest Resources and Activities

The Philippines has an aggregated area of 30 million hectares. This is made up of certified alienable and disposable land (47.3%) and forestland (52.7%).

The total forest cover of the Philippines is estimated at 6.8 million hectares. Of the total forest cover, closed, open, and mangrove forests make up 28.3%, 67.2%, and 4.5%, respectively. The estimated forest cover in forestland is 6.4 million hectares whereas approximately half a million hectares are in alienable and disposable land.

There are 146 proclaimed watershed forest reserves in the country with an aggregate area of 2.7 million hectares.

The National Greening Program (NGP) has planted 205.4 million seedlings in 334,302 hectares resulting to a 111.4% accomplishment of the Program's target area for the year.

Forest Resources Utilization

There are 3,987 existing tenure instruments with an aggregate area of 2.8 million hectares. Among the tenure instruments, Community-Based Forest Management Agreement (CBFMA) has the largest coverage with 1,884 issuances and an area of 1.6 million hectares.

Forty (40) Rattan Cutting Contracts exist, covering an area of 296,809 hectares with corresponding allowable cut of 17.6 million cubic meters.

There are 377 wood-processing plants with a combined annual log requirement of 4.1 million cubic meters. These are composed of 39 sawmills, 222 mini-sawmills, 67 veneer plants, 37 plywood plants, and 12 wood-based panel plants.

About 1.1 million cubic meters of logs are produced. The total production of lumber, plywood, and veneer are 0.5, 0.2, and 0.4 million cubic meters, respectively.

Foreign Trade

The total forest-based products exports amounts to 3.6 billion US dollars. This is 5.9% of the total exports of the country. Out of these forest-based products, about 0.3 million cubic meters of logs, lumber, veneer, and plywood are exported with a combined value of 75.0 million US dollars. On the other hand, the Philippines imports 1.4 billion US dollars-worth of wood and other forest products. The main trading partners of the country are China, USA, Indonesia, and Malaysia.

Prices

The average domestic price of timber sawlog, with diameter of at least 60 cm, ranges from Php 2,408.3 to Php 13,250.0 per cubic meter. Locally produced lumber, with dimension of 2"x4"x8", is sold for as low as Php 9.0 (Gubas) up to Php 170.0 (Narra) per board foot.

The average retail price of Lauan plywood, with ¾-inch thickness, is lowest at Php 748.9 and highest at Php 1,111.7 per panel. For fuelwood and wood charcoal, prices range from Php 134.4 to Php 925.0 per cubic meter, and Php 125.0 to Php 249.3 per sack, respectively.

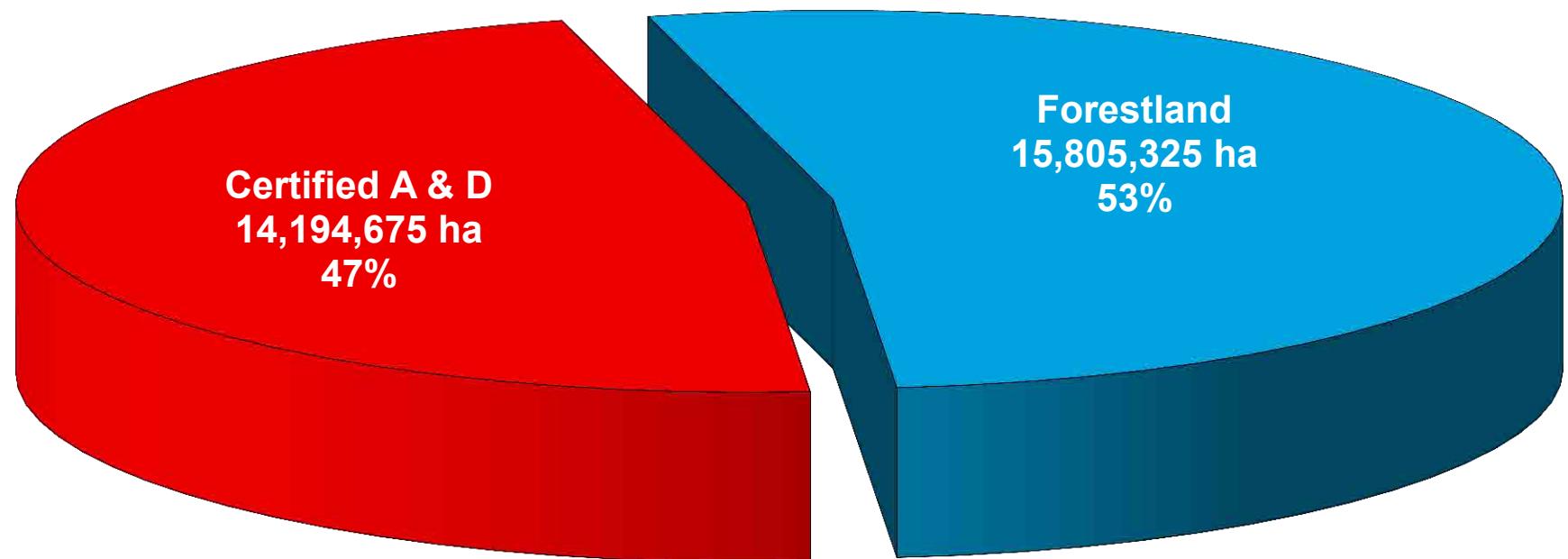
Honey, Nipa Shingle, and Sawali are the most commonly traded non-timber products across the regions in the country. The ranges of their average retail prices are as follows: Php 77.5 - 328.9 per liter, Php 1.84 – Php 40.0 per piece, and Php 3.1 – 15.0 per square foot. The average retail price of rattan is sold for as low as Php 2.3 per pole with diameter below 2 cm up to Php 26.5 per pole with at least 2-cm diameter. The average retail price of bamboo ranges from Php 15.4 (Buho) to Php 152.1 (Kawayan Tinik).

Forest Revenues

The reported revenues derived from harvested timber amount to Php 1.6 million. The non-timber forest products, on one hand, generate forest charges of Php 3.0 million.

FOREST RESOURCES
and
FORESTRY ACTIVITIES

FIGURE 1. LAND CLASSIFICATION: 2014
(° In hectare)



**Table 1.01 LAND CLASSIFICATION: 1994 - 2014
(In hectare)**

Year	Total Area	Certified A & D	Forestland Classified								
			Total	Unclassified	Total	Established Forest Reserves	Established Timberland	National Parks & GRBS/WA	Military & Naval Reservations	Civil Reservations	Fishpond
2014	30,000,000	14,194,675	15,805,325	755,009	15,050,316	3,270,146	10,056,020	1,340,997	126,130	165,946	91,077
2013	30,000,000	14,194,675	15,805,325	755,009	15,050,316	3,270,146	10,056,020	1,340,997	126,130	165,946	91,077
2012	30,000,000	14,194,675	15,805,325	755,009	15,050,316	3,270,146	10,056,020	1,340,997	126,130	165,946	91,077
2011	30,000,000	14,194,675	15,805,325	755,009	15,050,316	3,270,146	10,056,020	1,340,997	126,130	165,946	91,077
2010	30,000,000	14,194,675	15,805,325	755,009	15,050,316	3,270,146	10,056,020	1,340,997	126,130	165,946	91,077
2009	30,000,000	14,194,675	15,805,325	755,009	15,050,316	3,270,146	10,056,020	1,340,997	126,130	165,946	91,077
2008	30,000,000	14,194,675	15,805,325	755,009	15,050,316	3,270,146	10,056,020	1,340,997	126,130	165,946	91,077
2007	30,000,000	14,194,675	15,805,325	755,009	15,050,316	3,270,146	10,056,020	1,340,997	126,130	165,946	91,077
2006	30,000,000	14,194,675	15,805,325	755,009	15,050,316	3,270,146	10,056,020	1,340,997	126,130	165,946	91,077
2005	30,000,000	14,207,582	15,792,418	753,427	15,038,991	3,222,360	10,090,899	1,342,579	126,130	165,946	91,077
2004	30,000,000	14,207,582	15,792,418	755,009	15,037,409	3,222,360	10,090,899	1,340,997	126,130	165,946	91,077
2003	30,000,000	14,145,078	15,854,922	1,089,118	14,765,804	3,272,912	10,227,847	893,221	130,330	165,946	75,548
2002	30,000,000	14,145,078	15,854,922	1,089,118	14,765,804	3,272,912	10,227,847	893,221	130,330	165,946	75,548
2001	30,000,000	14,145,078	15,854,922	1,089,118	14,765,804	3,272,912	10,227,847	893,221	130,330	165,946	75,548
2000	30,000,000	14,145,078	15,854,922	1,089,118	14,765,804	3,272,912	10,227,847	893,221	130,330	165,946	75,548
1999	30,000,000	14,145,027 ^{1/}	15,854,973	1,089,169 ^{1/}	14,765,804	3,272,912	10,227,847	893,221	130,330	165,946	75,548
1998	30,000,000	14,145,027 ^{1/}	15,854,973	1,089,169 ^{1/}	14,765,804	3,272,912	10,227,847	893,221	130,330	165,946	75,548
1997	30,000,000	14,117,244	15,882,756	881,157	15,001,599	3,272,912	10,015,866	1,340,997	130,330	165,946	75,548
1996	30,000,000	14,117,244	15,882,756	881,157	15,001,599	3,272,912	10,015,866	1,340,997	130,330	165,946	75,548
1995	30,000,000	14,117,244	15,882,756	881,157	15,001,599	3,272,912	10,015,866	1,340,997	130,330	165,946	75,548
1994	30,000,000	14,117,244	15,882,756	881,157	15,001,599	3,272,912	10,015,866	1,340,997	130,330	165,946	75,548

1/ Adjusted figures - details are found in 2000 Philippine Forestry Statistics - Table 1.02-2.

Source: National Mapping and Resource Information Authority

**Table 1.02 STATUS OF LAND CLASSIFICATION BY PROVINCE: 2014
(In hectare)**

Region/Province	Total area	Certified A & D	Forest land Classified								
			Total	Unclassified	Total	Established Forest Reserves	Established Timberland	National Parks & GRBS/WA	Military & Naval Reservations	Civil Reservations	Fishpond
Philippines	<u>30,000,000</u>	<u>14,194,675</u>	<u>15,805,325</u>	<u>755,009</u>	<u>15,050,316</u>	<u>3,270,146</u>	<u>10,056,020</u>	<u>1,340,997</u>	<u>126,130</u>	<u>165,946</u>	<u>91,077</u>
CAR	<u>1,829,368</u>	<u>342,345</u>	<u>1,487,023</u>	<u>8,548</u>	<u>1,478,475</u>	<u>804,795</u>	<u>666,219</u>	<u>6,907</u>	<u>554</u>	<u>-</u>	<u>-</u>
Abra	397,555	98,420	299,135	8,105	291,030	258,743	32,230	57	-	-	-
Benguet	265,538	89,586	175,952	443	175,509	19,735	149,708	5,512	554	-	-
Ifugao	251,778	25,409	226,369	-	226,369	28,467	197,902	-	-	-	-
Apayao	<u>704,764</u>	80,679	624,085	-	624,085	374,997	247,750	1,338	-	-	-
Kalinga											
Mountain Province	209,733	48,251	161,482	-	161,482	122,853	38,629	-	-	-	-
Region 1	<u>1,284,019</u>	<u>810,922</u>	<u>473,097</u>	<u>30,271</u>	<u>442,826</u>	<u>226,846</u>	<u>201,164</u>	<u>12,999</u>	<u>288</u>	<u>923</u>	<u>606</u>
Ilocos Norte	339,934	144,948	194,986	-	194,986	193,272	1,374	340	-	-	-
Ilocos Sur	257,958	138,412	119,546	26,176	93,370	10,609	81,141	1,620	-	-	-
La Union	149,309	120,443	28,866	2,513	26,353	90	15,316	10,947	-	-	-
Pangasinan	536,818	407,119	129,699	1,582	128,117	22,875	103,333	92	288	923	606
Region 2	<u>2,687,517</u>	<u>972,822</u>	<u>1,714,695</u>	<u>45,105</u>	<u>1,669,590</u>	<u>209,288</u>	<u>1,423,482</u>	<u>26,388</u>	<u>412</u>	<u>8,931</u>	<u>1,089</u>
Batanes	20,928	7,432	13,496	-	13,496	-	13,496	-	-	-	-
Cagayan	904,026	360,050	543,976	-	543,976	39,378	497,314	6,195	-	-	1,089
Isabela	1,066,456	459,666	606,790	-	606,790	31,260	546,005	20,193	412	8,920	-
Nueva Viscaya	390,387	88,921	301,466	45,105	256,361	95,838	160,512	-	-	11	-
Quirino	305,720	56,753	248,967	-	248,967	42,812	206,155	-	-	-	-
Region 3	<u>2,147,036</u>	<u>1,204,649</u>	<u>942,387</u>	<u>27,268</u>	<u>915,119</u>	<u>250,902</u>	<u>493,882</u>	<u>36,970</u>	<u>112,819</u>	<u>804</u>	<u>19,742</u>
Aurora	323,954	132,008	191,946	26,638	165,308	84,803	76,315	4,190	-	-	-
Bataan	137,291	69,975	67,316	-	67,316	9,279	32,370	25,188	479	-	-
Bulacan	262,505	185,333	77,172	630	76,542	8,019	64,679	368	-	-	3,476
Nueva Ecija	528,433	343,257	185,176	-	185,176	84,500	37,333	3,504	59,700	139	-
Pampanga	218,068	172,616	45,452	-	45,452	12,484	6,929	3,709	7,452	-	14,878
Tarlac	305,345	184,975	120,370	-	120,370	-	83,115	2	36,588	665	-
Zambales	371,440	116,485	254,955	-	254,955.00	51,817.00	193,141	9.00	8,600.00	0.00	1,388.00

Table 1.02 STATUS OF LAND CLASSIFICATION BY PROVINCE: 2014 (continued)
(In hectare)

Region/Province	Total area	Certified A & D	Forest land Classified								
			Total	Unclassified	Total	Established Forest Reserves	Established Timberland	National Parks & GRBS/WA	Military & Naval Reservations	Civil Reservations	Fishpond
NCR	63,600	48,232	15,368	14,740	628	-	237	59	-	-	332
Metro Manila	63,600	48,232	15,368	14,740	628	-	237	59	-	-	332
Region 4A	1,622,861	1,051,948	570,913	21,032	549,881	98,825	424,751	20,832	3,688	28	1,757
Batangas	316,581	271,167	45,414	7,723	37,691	-	28,784	8,537	51	-	319
Cavite	128,755	107,733	21,022	4,147	16,875	-	14,076	-	2,799	-	-
Laguna	175,973	134,720	41,253	2,275	38,978	3,637	32,313	2,754	274	-	-
Quezon	870,660	474,439	396,221	6,887	389,334	72,606	305,721	9,541	-	28	1,438
Rizal	130,892	63,889	67,003	-	67,003	22,582	43,857	-	564	-	-
Region 4B	2,745,601	998,563	1,747,038	55,139	1,691,899	268,894	369,269	1,004,420	147	45,250	3,919
Marinduque	95,925	73,720	22,205	-	22,205	17,901	4,304	-	-	-	-
Occidental Mindoro	587,985	156,004	431,981	26,949	405,032	91,270	101,365	192,811	147	16,190	3,249
Oriental Mindoro	436,472	222,895	213,577	148	213,429	85,659	79,299	44,289	-	3,680	502
Palawan	1,489,626	453,700	1,035,926	-	1,035,926	71,394	171,832	767,320	-	25,380	-
Romblon	135,593	92,244	43,349	28,042	15,307	2,670	12,469	-	-	-	168
Region 5	1,763,249	1,222,060	541,189	29,873	511,316	69,939	412,996	25,276	-	63	3,042
Albay	255,257	206,205	49,052	-	49,052	5,026	38,517	5,459	-	-	50
Camarines Norte	211,249	140,030	71,219	12,872	58,347	796	54,638	2,840	-	-	73
Camarines Sur	526,682	365,551	161,131	4,354	156,777	15,027	127,471	13,145	-	-	1,134
Catanduanes	151,148	73,325	77,823	549	77,274	6,725	70,486	-	-	63	-
Masbate	404,769	263,384	141,385	1,846	139,539	34,298	104,121	159	-	-	961
Sorsogon	214,144	173,565	40,579	10,252	30,327	8,067	17,763	3,673	-	-	824
Region 6	2,022,311	1,417,978	604,333	1,520	602,813	135,344	419,171	23,505	-	235	24,558
Aklan	181,789	102,799	78,990	692	78,298	-	74,428	-	-	-	3,870
Antique	252,201	144,728	107,473	-	107,473	24,593	82,880	-	-	-	-
Capiz	263,317	178,711	84,606	-	84,606	-	78,798	-	-	-	5,808
Guimaras	} Iloilo	532,397	396,149	136,248	-	136,248	41,836	85,496	854	-	8,062
Negros Occidental		792,607	595,591	197,016	828	196,188	68,915	97,569	22,651	-	235	6,818

Table 1.02 STATUS OF LAND CLASSIFICATION BY PROVINCE: 2014 (continued)
(In hectare)

Region/Province	Total area	Certified A & D	Forest land Classified								
			Total	Unclassified	Total	Established Forest Reserves	Established Timberland	National Parks & GRBS/WA	Military & Naval Reservations	Civil Reservations	Fishpond
Region 7	1,489,077	964,169	524,908	65,638	459,270	49,619	390,151	15,054	4	114	4,328
Bohol	411,726	310,455	101,271	-	101,271	19,410	78,454	-	-	-	3,407
Cebu	509,237	368,146	141,091	-	141,091	21,427	105,578	13,148	4	114	820
Negros Oriental	540,227	258,841	281,386	65,638	215,748	8,570	205,171	1,906	-	-	101
Siquijor	27,887	26,727	1,160	-	1,160	212	948	-	-	-	-
Region 8	2,143,169	1,024,955	1,118,214	41,772	1,076,442	51,508	1,014,151	4,108	176	862	5,637
Eastern Samar	433,965	144,222	289,743	-	289,743	1,890	287,227	-	-	-	626
Biliran	626,826	410,182	216,644	22,197	194,447	19,782	170,400	3,268	48	862	87
Leyte											
Northern Samar	349,798	148,134	201,664	-	201,664	11,864	188,160	-	128	-	1,512
Samar	559,100	196,456	362,644	-	362,644	168	358,224	840	-	-	3,412
Southern Leyte	173,480	125,961	47,519	19,575	27,944	17,804	10,140	-	-	-	-
Region 9	1,467,011	676,886	790,125	20,710	769,415	406,527	352,135	10	46	2,611	8,086
Zamboanga del Norte	661,811	262,592	399,219	4,617	394,602	230,348	164,066	10	46	12	120
Zamboanga del Sur	805,200	414,294	390,906	16,093	374,813	176,179	188,069	-	-	2,599	7,966
Zamboanga Sibugay											
Region 10	1,714,803	817,669	897,134	52,602	844,532	85,140	687,444	53,319	7,996	3	10,630
Bukidnon	829,378	337,799	491,579	52,602	438,977	50,636	379,589	-	-	-	8,752
Camiguin	25,286	21,063	4,223	-	4,223	-	4,223	-	-	-	-
Lanao del Norte	309,204	158,473	150,731	-	150,731	26,388	116,347	-	7,996	-	-
Misamis Occidental	193,932	125,375	68,557	-	68,557	280	13,137	53,262	-	-	1,878
Misamis Oriental	357,003	174,959	182,044	-	182,044	7,836	174,148	57	-	3	-
Region 11	1,967,183	737,633	1,229,550	14,376	1,215,174	111,595	1,040,220	53,643	-	8,880	836
Compostela Valley	812,975	297,674	515,301	2,188	513,113	31,221	473,012	-	-	8,880	-
Davao del Norte											
Davao del Sur	637,762	239,015	398,747	-	398,747	55,733	290,490	52,262	-	-	262
Davao Occidental											
Davao Oriental	516,446	200,944	315,502	12,188	303,314	24,641	276,718	1,381	-	-	574

Table 1.02 STATUS OF LAND CLASSIFICATION BY PROVINCE: 2014 (concluded)
(In hectare)

Region/Province	Total area	Certified A & D	Forest land Classified								
			Total	Unclassified	Total	Established Forest Reserves	Established Timberland	National Parks & GRBS/WA	Military & Naval Reservations	Civil Reservations	Fishpond
Region 12	1,874,946	730,546	1,144,400	218,000	926,400	129,146	684,780	20,552	-	91,036	886
Cotabato	656,590	149,972	506,618	3,825	502,793	55,852	345,600	20,552	-	80,789	-
Sarangani	746,876	342,191	404,685	168,369	236,316	33,188	192,453	-	-	10,247	428
South Cotabato											
Sultan Kudarat	471,480	238,383	233,097	45,806	187,291	40,106	146,727	-	-	-	458
Region 13	1,884,697	544,897	1,339,800	7,789	1,332,011	329,022	992,131	2,415	-	6,206	2,237
Agusan del Norte	259,029	66,630	192,399	-	192,399	47,595	143,792	-	-	1,012	-
Agusan del Sur	896,550	221,628	674,922	1,125	673,797	164,794	503,809	-	-	5,194	-
Dinagat Islands	273,902	121,573	152,329	6,664	145,665	43,675	98,818	2,415	-	-	757
Surigao del Norte											
Surigao del Sur	455,216	135,066	320,150	-	320,150	72,958	245,712	-	-	-	1,480
ARMM	1,293,552	628,401	665,151	100,626	564,525	42,756	483,837	34,540	-	-	3,392
Basilan	132,723	85,574	47,149	5,953	41,196	18,397	18,153	2,597	-	-	2,049
Lanao del Sur	387,289	133,135	254,154	-	254,154	11,844	240,628	1,682	-	-	-
Maguindanao	504,760	306,622	198,138	3,525	194,613	12,515	152,050	30,048	-	-	-
Sulu	160,040	47,687	112,353	66,284	46,069	-	44,898	213	-	-	958
Tawi-tawi	108,740	55,383	53,357	24,864	28,493	-	28,108	-	-	-	385

Source : National Mapping and Resource Information Authority

FIGURE 2. PHILIPPINE LAND COVER MAP: 2010

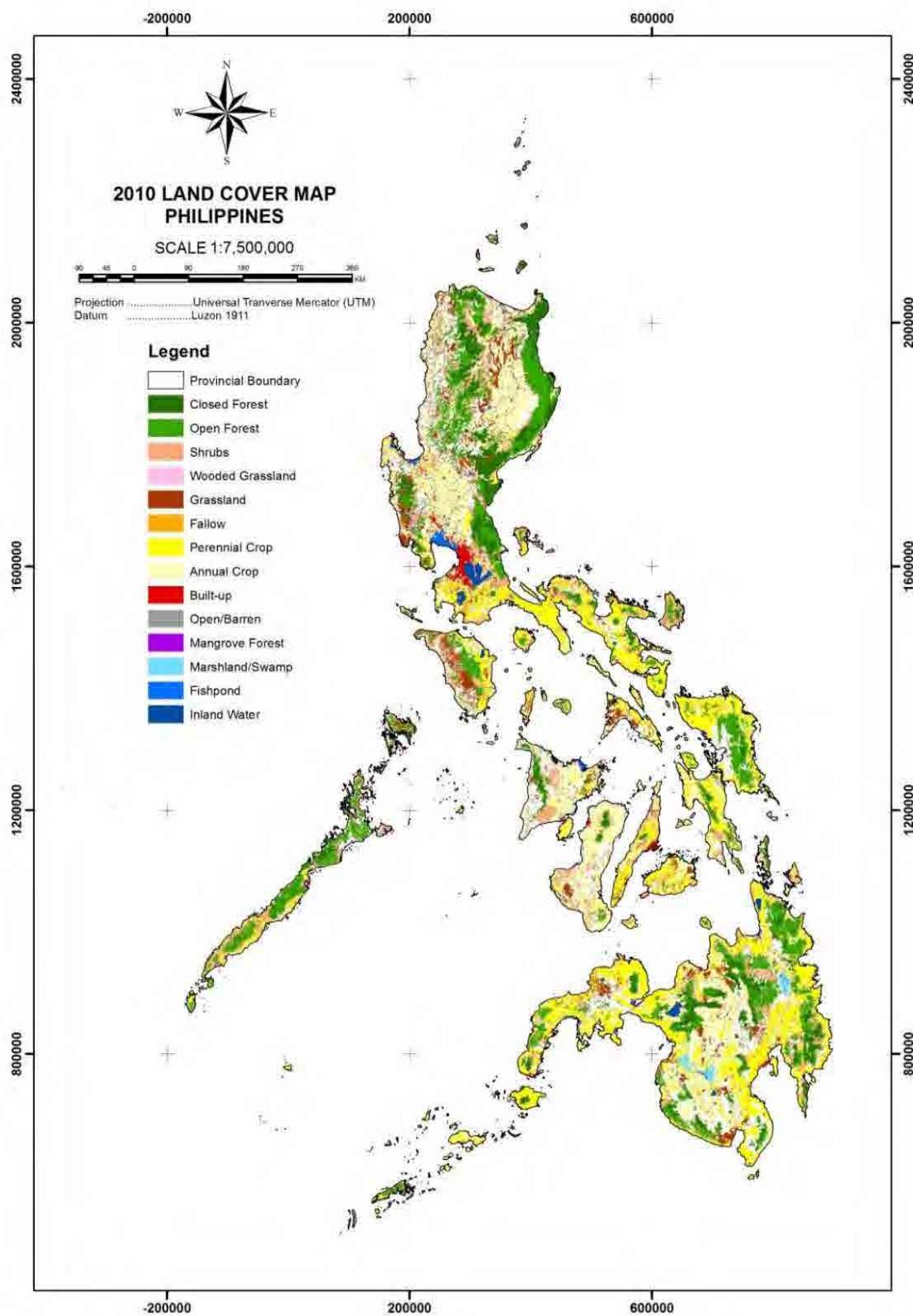
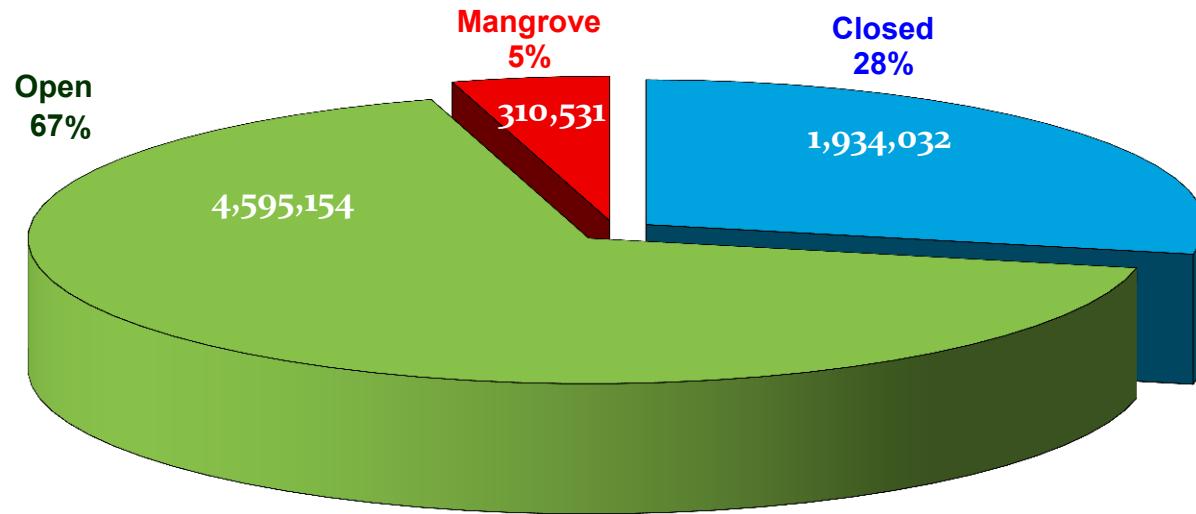


FIGURE 3. FOREST COVER OF THE PHILIPPINES: 2010
(° In hectare)



**Table 1.03 FOREST COVER OF THE PHILIPPINES: 2010
(In hectare)**

Region/Province	Total Forest	Forest		
		Closed	Open	Mangrove
Philippines	6,839,718	1,934,032	4,595,154	310,531
CAR	773,191	255,552	517,640	-
Abra	146,700	43,316	103,384	-
Apayao	218,340	118,982	99,358	-
Benguet	119,626	3,196	116,430	-
Ifugao	102,397	13,692	88,705	-
Kalinga	98,862	48,888	49,974	-
Mountain Province	87,266	27,478	59,787	-
Region 1	124,477	18,390	105,060	1,028
Ilocos Norte	67,849	14,266	53,583	-
Ilocos Sur	32,012	78	31,723	211
La Union	5,880	-	5,760	120
Pangasinan	18,736	4,046	13,993	697
Region 2	1,044,507	485,262	553,344	5,902
Batanes	1,819	-	1,819	-
Cagayan	342,994	206,475	131,341	5,179
Isabela	378,272	69,444	308,106	723
Nueva Vizcaya	193,708	122,615	71,093	-
Quirino	127,714	86,729	40,986	-
Region 3	520,598	225,352	294,291	955
Aurora	218,588	132,548	85,518	521
Bataan	31,617	10,618	20,791	208
Bulacan	58,613	35,266	23,347	-
Nueva Ecija	74,604	9,530	65,074	-
Pampanga	7,465	773	6,607	85
Tarlac	34,842	5,407	29,435	-
Zambales	94,869	31,209	63,519	140

Table 1.03 FOREST COVER OF THE PHILIPPINES: 2010 (continued)
(In hectare)

Region/Province	Total Forest	Forest		
		Closed	Open	Mangrove
NCR	2,214	-	2,098	115
Region 4A	269,656	69,544	181,175	18,937
Batangas	3,507	334	2,761	413
Cavite	2,455	-	2,305	150
Laguna	16,427	1,234	15,193	-
Quezon	230,497	63,838	148,285	18,374
Rizal	16,770	4,139	12,631	-
Region 4B	915,664	97,810	744,530	73,324
Marinduque	15,132	-	12,255	2,877
Occidental Mindoro	104,986	1,968	101,424	1,594
Oriental Mindoro	86,981	5,301	77,731	3,949
Palawan	692,288	86,877	541,590	63,821
Romblon	16,277	3,664	11,529	1,084
Region 5	208,015	39,646	143,416	24,953
Albay	42,099	11,196	29,831	1,072
Camarines Norte	28,104	9,466	15,079	3,559
Camarines Sur	61,346	8,221	45,861	7,264
Catanduanes	45,007	10,763	32,249	1,995
Masbate	6,778	-	140	6,638
Sorsogon	24,681	-	20,256	4,425
Region 6	187,319	67,167	110,146	10,006
Aklan	36,398	12,599	23,098	702
Antique	52,395	20,380	31,223	792
Capiz	22,992	14,728	6,865	1,399
Guimaras	776	-	-	776
Iloilo	25,667	2,954	21,397	1,316
Negros Occidental	49,091	16,506	27,563	5,021

Table 1.03 FOREST COVER OF THE PHILIPPINES: 2010 (continued)
(In hectare)

Region/Province	Total Forest	Forest		
		Closed	Open	Mangrove
Region 7	62,065	11,464	35,798	14,804
Bohol	20,889	-	10,267	10,622
Cebu	14,407	8,723	2,650	3,034
Negros Oriental	25,867	2,741	22,074	1,051
Siquijor	903	-	806	96
Region 8	514,464	45,948	426,863	41,654
Biliran	8,669	-	8,383	286
Eastern Samar	186,201	21,828	156,539	7,834
Leyte	78,221	17,170	52,773	8,279
Northern Samar	46,281	-	35,494	10,787
Samar	165,463	3,748	147,835	13,880
Southern Leyte	29,630	3,202	25,839	589
Region 9	176,918	29,906	120,488	26,523
Isabela City, Basilan	3,096	2,263	-	833
Zamboanga City	29,377	15,294	9,107	4,976
Zamboanga Del Norte	82,757	9,032	73,133	592
Zamboanga Del Sur	19,309	795	12,409	6,105
Zamboanga Sibugay	42,379	2,523	25,839	14,018
Region 10	377,858	173,962	197,517	6,379
Bukidnon	202,322	125,361	76,961	-
Camiguin	5,718	3,994	1,705	19
Lana Del Norte	66,384	11,934	52,122	2,328
Misamis Occidental	43,744	23,859	16,146	3,739
Misamis Oriental	59,690	8,814	50,583	293

Table 1.03 FOREST COVER OF THE PHILIPPINES: 2010 (concluded)
(In hectare)

Region/Province	Total Forest	Forest		
		Closed	Open	Mangrove
Region 11	428,716	160,083	265,754	2,879
Compostela Valley	144,653	54,106	90,338	209
Davao Del Norte	53,146	10,149	42,327	670
Davao Del Sur	68,593	17,570	50,891	132
Davao Oriental	162,325	78,258	82,198	1,868
Region 12	249,050	54,247	193,202	1,601
Cotabato	39,947	7,896	31,381	670
Sarangani	39,960	1,776	38,037	147
South Cotabato	64,328	26,465	37,839	24
Sultan Kudarat	104,815	18,111	85,945	760
Region 13	683,112	99,812	557,402	25,898
Agusan Del Norte	50,882	2,217	47,433	1,231
Agusan Del Sur	342,736	57,208	285,529	-
Dinagat Islands	27,419	5,641	19,418	2,360
Surigao Del Norte	35,270	7,139	14,896	13,234
Surigao Del Sur	226,805	27,606	190,127	9,072
ARMM	301,894	99,889	146,431	55,574
Basilan	21,320	11,442	1,003	8,875
Lanao Del Sur	150,151	80,245	69,442	464
Maguindanao	52,351	8,202	43,087	1,061
Sulu	30,839	-	757	30,083
Tawi-Tawi	47,233	-	32,142	15,091

Note: Details may not add up to total due to rounding

Source: National Mapping and Resource Information Authority

**Table 1.04 FOREST COVER OF THE PHILIPPINES IN FORESTLAND: 2010
(In hectare)**

Region/Province	Total Forest	Forest		
		Closed	Open	Mangrove
Philippines	6,361,773	1,867,871	4,290,535	203,367
CAR	745,489	254,620	490,869	-
Abra	140,727	43,273	97,454	-
Apayao	217,096	118,155	98,941	-
Benguet	102,274	3,193	99,081	-
Ifugao	100,779	13,690	87,089	-
Kalinga	98,197	48,883	49,314	-
Mountain Province	86,416	27,426	58,990	-
Region 1	115,287	18,174	97,057	56
Ilocos Norte	65,541	14,050	51,491	-
Ilocos Sur	27,164	78	27,086	-
La Union	4,814	-	4,814	-
Pangasinan	17,768	4,046	13,666	56
Region 2	1,020,065	479,730	537,396	2,939
Batanes	1,236	-	1,236	-
Cagayan	329,057	203,885	122,852	2,320
Isabela	377,461	69,379	307,463	619
Nueva Vizcaya	187,224	120,258	66,966	-
Quirino	125,087	86,208	38,879	-
Region 3	485,656	211,161	274,313	182
Aurora	190,978	118,468	72,425	85
Bataan	30,723	10,618	20,085	20
Bulacan	58,561	35,266	23,295	-
Nueva Ecija	74,195	9,515	64,680	-
Pampanga	7,323	773	6,549	1
Tarlac	32,465	5,407	27,058	-
Zambales	91,411	31,114	60,221	76

Table 1.04 FOREST COVER OF THE PHILIPPINES IN FORESTLAND: 2010 (continued)
(In hectare)

Region/Province	Total Forest	Forest		
		Closed	Open	Mangrove
NCR				
Region 4A	212,344	60,735	141,939	9,670
Batangas	1,223	-	1,171	52
Cavite	2,026	-	2,026	-
Laguna	7,681	925	6,756	-
Quezon	185,072	55,671	119,783	9,618
Rizal	16,342	4,139	12,203	-
Region 4B	856,374	95,204	705,177	55,993
Marinduque	11,380	-	8,888	2,492
Occidental Mindoro	100,245	1,968	98,236	41
Oriental Mindoro	80,690	5,301	74,549	840
Palawan	649,767	84,495	512,994	52,278
Romblon	14,292	3,440	10,510	342
Region 5	151,134	28,805	107,600	14,729
Albay	16,095	4,736	10,880	479
Camarines Norte	22,493	8,600	11,249	2,644
Camarines Sur	54,552	7,240	43,820	3,492
Catanduanes	37,177	8,229	28,248	700
Masbate	4,562	-	31	4,531
Sorsogon	16,255	-	13,372	2,883
Region 6	168,809	66,587	97,267	4,955
Aklan	34,696	12,568	21,885	243
Antique	50,536	20,296	29,819	421
Capiz	22,120	14,681	6,353	1,086
Guimaras	405	-	-	405
Iloilo	17,855	2,553	14,594	708
Negros Occidental	43,197	16,489	24,616	2,092

Table 1.04 FOREST COVER OF THE PHILIPPINES IN FORESTLAND: 2010 (continued)
(In hectare)

Region/Province	Total Forest	Forest		
		Closed	Open	Mangrove
Region 7	52,275	10,079	31,213	10,983
Bohol	18,035	-	9,633	8,402
Cebu	11,939	7,548	2,346	2,045
Negros Oriental	21,618	2,531	18,596	491
Siquijor	683	-	638	45
Region 8	482,502	45,345	412,353	24,804
Biliran	8,522	-	8,314	208
Eastern Samar	177,759	21,579	151,386	4,794
Leyte	70,059	16,858	49,463	3,738
Northern Samar	39,814	-	33,474	6,340
Samar	159,952	3,745	146,718	9,489
Southern Leyte	26,396	3,163	22,998	235
Region 9	164,684	29,628	118,388	16,668
Isabela City, Basilan	2,906	2,263	-	643
Zamboanga City	26,758	15,133	9,020	2,605
Zamboanga Del Norte	81,100	8,915	71,973	212
Zamboanga Del Sur	16,247	794	12,307	3,146
Zamboanga Sibugay	37,673	2,523	25,088	10,062
Region 10	357,962	167,898	187,186	2,878
Bukidnon	198,439	124,167	74,272	-
Camiguin	3,462	2,911	551	-
Lana Del Norte	57,981	8,351	48,491	1,139
Misamis Occidental	40,241	23,678	14,915	1,648
Misamis Oriental	57,839	8,791	48,957	91

Table 1.04 FOREST COVER OF THE PHILIPPINES IN FORESTLAND: 2010 (concluded)
(In hectare)

Region/Province	Total Forest	Forest		
		Closed	Open	Mangrove
Region 11	421,985	159,778	260,667	1,540
Compostela Valley	141,268	53,964	87,164	140
Davao Del Norte	52,157	10,149	41,898	110
Davao Del Sur	67,908	17,570	50,290	48
Davao Oriental	160,652	78,095	81,315	1,242
Region 12	243,381	54,175	188,616	590
Cotabato	36,189	7,824	28,320	45
Sarangani	39,217	1,775	37,409	33
South Cotabato	64,275	26,465	37,810	-
Sultan Kudarat	103,700	18,111	85,077	512
Region 13	634,685	97,246	519,553	17,886
Agusan Del Norte	49,384	2,217	46,823	344
Agusan Del Sur	315,079	54,825	260,254	-
Dinagat Island	26,433	5,639	18,995	1,799
Surigao Del Norte	33,275	7,136	14,566	11,573
Surigao Del Sur	210,514	27,429	178,915	4,170
ARMM	249,141	88,706	120,941	39,494
Basilan	12,720	5,373	524	6,823
Lanao Del Sur	136,599	77,055	59,372	172
Maguindanao	44,794	6,278	38,297	219
Sulu	21,680	-	752	20,928
Tawi-Tawi	33,348	-	21,996	11,352

Note: Details may not add up to total due to rounding

Source: National Mapping and Resource Information Authority

**Table 1.05 FOREST COVER OF THE PHILIPPINES IN ALIENABLE AND DISPOSABLE LAND: 2010
(In hectare)**

Region/Province	Total Forest	Forest		
		Closed	Open	Mangrove
Philippines	477,947	66,162	304,620	107,165
CAR	27,703	932	26,771	-
Abra	5,973	43	5,930	-
Apayao	1,244	827	417	-
Benguet	17,352	3	17,349	-
Ifugao	1,618	2	1,616	-
Kalinga	665	5	660	-
Mountain Province	850	52	797	-
Region 1	9,190	216	8,003	972
Ilocos Norte	2,308	216	2,092	-
Ilocos Sur	4,848	-	4,637	211
La Union	1,066	-	946	120
Pangasinan	968	-	327	641
Region 2	24,443	5,532	15,948	2,963
Batanes	583	-	583	-
Cagayan	13,937	2,590	8,489	2,859
Isabela	811	65	643	104
Nueva Vizcaya	6,484	2,357	4,127	-
Quirino	2,627	521	2,107	-
Region 3	34,942	14,191	19,978	773
Aurora	27,610	14,080	13,093	436
Bataan	894	-	706	188
Bulacan	52	-	52	-
Nueva Ecija	409	15	394	-
Pampanga	142	-	58	84
Tarlac	2,377	-	2,377	-
Zambales	3,458	95	3,298	64

Table 1.05 FOREST COVER OF THE PHILIPPINES IN ALIENABLE AND DISPOSABLE LAND: 2010 (continued)
(In hectare)

Region/Province	Total Forest	Forest		
		Closed	Open	Mangrove
NCR	2,214	-	2,098	115
Region 4A	57,312	8,809	39,236	9,267
Batangas	2,284	334	1,590	361
Cavite	429	-	279	150
Laguna	8,746	309	8,437	-
Quezon	45,425	8,167	28,502	8,756
Rizal	428	-	428	-
Region 4B	59,290	2,606	39,353	17,331
Marinduque	3,752	-	3,367	385
Occidental Mindoro	4,741	-	3,188	1,553
Oriental Mindoro	6,291	-	3,182	3,109
Palawan	42,521	2,382	28,596	11,543
Romblon	1,985	224	1,019	742
Region 5	56,881	10,841	35,816	10,224
Albay	26,004	6,460	18,951	593
Camarines Norte	5,611	866	3,830	915
Camarines Sur	6,794	981	2,041	3,772
Catanduanes	7,830	2,534	4,001	1,295
Masbate	2,216	-	109	2,107
Sorsogon	8,426	-	6,884	1,542
Region 6	18,510	580	12,879	5,050
Aklan	1,702	31	1,213	459
Antique	1,859	84	1,404	371
Capiz	872	47	512	313
Guimaras	371	-	-	371
Iloilo	7,812	401	6,803	607
Negros Occidental	5,894	17	2,947	2,929

Table 1.05 FOREST COVER OF THE PHILIPPINES IN ALIENABLE AND DISPOSABLE LAND: 2010 (continued)
(In hectare)

Region/Province	Total Forest	Forest		
		Closed	Open	Mangrove
Region 7	9,790	1,385	4,585	3,821
Bohol	2,854	-	634	2,220
Cebu	2,468	1,175	304	989
Negros Oriental	4,248	210	3,478	560
Siquijor	219	-	168	51
Region 8	31,963	603	14,510	16,850
Biliran	147	-	69	78
Eastern Samar	8,442	249	5,153	3,040
Leyte	8,162	312	3,310	4,541
Northern Samar	6,467	-	2,020	4,447
Samar	5,511	3	1,117	4,391
Southern Leyte	3,234	39	2,841	354
Region 9	12,234	279	2,100	9,855
Isabela City, Basilan	190	-	-	190
Zamboanga City	2,619	161	87	2,371
Zamboanga Del Norte	1,657	117	1,160	380
Zamboanga Del Sur	3,062	1	102	2,959
Zamboanga Sibugay	4,706	-	751	3,956
Region 10	19,896	6,064	10,331	3,501
Bukidnon	3,883	1,194	2,689	-
Camiguin	2,256	1,083	1,154	19
Lana Del Norte	8,403	3,583	3,631	1,189
Misamis Occidental	3,503	181	1,231	2,091
Misamis Oriental	1,851	23	1,626	202

Table 1.05 FOREST COVER OF THE PHILIPPINES IN ALIENABLE AND DISPOSABLE LAND: 2010 (concluded)
(In hectare)

Region/Province	Total Forest	Forest		
		Closed	Open	Mangrove
Region 11	6,731	305	5,087	1,339
Compostela Valley	3,385	142	3,174	69
Davao Del Norte	989	-	429	560
Davao Del Sur	685	-	601	84
Davao Oriental	1,673	163	883	626
Region 12	5,668	72	4,586	1,011
Cotabato	3,758	72	3,061	625
Sarangani	743	1	628	114
South Cotabato	53	-	29	24
Sultan Kudarat	1,115	-	868	248
Region 13	48,427	2,566	37,849	8,012
Agusan Del Norte	1,498	-	610	887
Agusan Del Sur	27,657	2,383	25,275	-
Dinagat Island	986	2	423	561
Surigao Del Norte	1,995	3	330	1,661
Surigao Del Sur	16,291	177	11,212	4,902
ARMM	52,753	11,183	25,490	16,080
Basilan	8,600	6,069	479	2,052
Lanao Del Sur	13,552	3,190	10,070	292
Maguindanao	7,557	1,924	4,790	842
Sulu	9,159	-	5	9,155
Tawi-Tawi	13,885	-	10,146	3,739

Note: Details may not add up to total due to rounding

Source: National Mapping and Resource Information Authority

Table 1.06 WATERSHED FOREST RESERVES BY PROVINCE: 2014

Region/Province	Name of Reservation	Location	Number	Area (ha)	Proclamation No.	Proclamation Date
	Philippines		146	2,675,687		
NCR			1	2,659		
	La Mesa Watershed Forest Reserve	Quezon City, Caloocan City		2,659	1336	6/25/2007
CAR			11	716,849		
	Apayao and Cagayan		1	195,659		
	Abulug River Forest Reserve	Calanasan, Kabugao, Pudtol, Flora, Conner, Abulug		195,659	574	6/27/1969
Benguet			7	55,465		
	Ambuklao Watershed Forest Reserve (Pilot)	Atok, Bokod		9,700	120	11/25/1966
	Busol Watershed Forest Reserve	Baguio City, La Trinidad		329	15	4/14/1922
	Buyog Watershed Forest Reserve	Baguio City		20	93	11/5/1992
	Lower Agno Watershed Forest Reserve	Tuba, Itogon, Baguio City		39,304	2320	11/22/1983
	Lucnab Watershed Forest Reserve	Baguio City		6	178	5/12/1993
	Marcos Highway Watershed Forest Reserve	Tuba, Benguet		6,105	1754	6/28/1978
	Pucusan Watershed Reservation	Baguio City		1	2035	4/6/2010
Benguet, Ifugao and Nueva Vizcaya			1	123,000		
	Upper Agno River Basin Resource Reserve (Ambuklao-Binga Watershed Forest Reserve)	Atok, Bokod		123,000	268 (548)	4/23/2000
Benguet and Pangasinan			1	9,550		
	San Roque Watershed Reservation	Tuba, Itogon, Baguio City, San Nicolas, San Manuel		9,550	2320	11/22/1983
Mt. Province, Ifugao, Kalinga, Apayao			1	333,175	573	6/26/1969
	Chico River Forest Reserve	Bauko, Sabangan, Bontoc, Sagada, Sandangan, Barlig, Huggungan, Tanudan, Lubuagan, Tinglayan, Pinukpuk, Tabuk, Balbalan, Pasil, Conner		333,175		

Table 1.06 WATERSHED FOREST RESERVES BY PROVINCE: 2014 (continued)

Region/Province	Name of Reservation	Location	Number	Area (ha)	Proclamation No.	Proclamation Date
Region 1			11	39,855		
Ilocos Norte			3	3,008		
	Ilocos Norte Metropolitan Watershed Forest Reserve	Pasuquin		2,815	731	9/7/1934
	Magnuang Watershed Forest Reserve	Batac		152	Amended by 218	6/23/1967
	Tanap Watershed Forest Reserve	Burgos		41	220	7/2/1967
Ilocos Sur			5	1,609	803	2/1/1971
	Bigbiga Spring Watershed Forest Reserve	Narvacan		135	431	8/16/1939
	Libunao Spring Watershed Forest Reserve	Sinait		47	410	9/21/1931
	Lidlidda Watershed Forest Reserve	Lidlidda		1,228	79	9/17/1936
	Santa Watershed Forest Reserve	Santa		25	844	9/26/1935
	Sta. Lucia Watershed Forest Reserve	Sta. Lucia		174	333	10/18/1938
La Union			2	1,550		
	Lon-oy Watershed Forest Reserve	San Gabriel, Santol		1,460	378	5/11/1994
	Naguilian Watershed Reservation	Naguilian		90	52	4/11/1936
Pangasinan			1	33,688		
	Ambayawan River Forest Reserve	Pangasinan		33,688	573	6/26/1969
Region 2			7	131,810		
Cagayan			3	24,196		
	Bawa Watershed Forest Reserve	Gonzaga and Lal-lo		8,955	108	5/13/1987
	Enrile-Amulong-Solana Forest Reserve	Enrile, Solana and Amulong		8,249	159	2/13/1967
	Wangag Watershed Forest Reserve	Gonzaga and Lal-lo		6,992	107	5/13/1987
Isabela			1	17,670		
	Tumauini Watershed Forest Reserve	Cabagan, San Pablo, Maconacon, Divilacan		17,670	355	4/14/1994
Nueva Vizcaya			1	425		
	Dupax Watershed Reservation	Dupax		425	720	8/8/1934

Table 1.06 WATERSHED FOREST RESERVES BY PROVINCE: 2014 (continued)

Region/Province	Name of Reservation	Location	Number	Area (ha)	Proclamation No.	Proclamation Date
Ifugao, Nueva Vizcaya and Isabela			1	4,300		
	Magat Watershed Reservation	Province of Ifugao, Nueva Vizcaya and Isabela		4,300	573	6/26/1969
Nueva Vizcaya, Quirino, Aurora			1	85,219		
	Casecnan River Watershed Reservation	Province of Nueva Vizcaya, Quirino and Aurora		85,219	136	8/11/1987
Region 3			27	324,628		
Aurora			14	53,039		
	Amro River Watershed Forest Reserve	Casiguran and Dilasag		6,470	633	8/28/1990
	Aurora Watershed Forest Reserve	Baler		430	34	2/4/1936
	Bazal River Watershed Forest Reserve	Maria Aurora		4,403	402	6/2/1994
	Bulawan Falls Watershed Forest Reserve	Dinalungan		986	395	5/30/1994
	Calabgan Watershed Forest Reserve	Casiguran		4,803	915	6/1/1992
	Dibalo-Pingit-Zabali-Malayat Watershed Forest Reserve	Baler and San Luis		4,528	908	5/25/1992
	Dinadiawan River Watershed Forest Reserve	Dipaculao		3,387	918	6/9/1992
	Dingalan River Watershed Forest Reserve	Dingalan		1,788	23	8/24/1992
	Dipaculao Watershed Forest Reserve	Dipaculao		1,786	116	6/10/1987
	Diteki River Watershed Forest Reserve	Maria Aurora, San Luis		12,970	20	8/24/1992
	Pinamacan River Watershed Forest Reserve	Dilasag		2,905	236	8/23/1993
	San Luis Watershed Forest Reserve	San Luis		2,789	109	11/23/1992
	Simbahan-Talagas River Watershed Forest Reserve	Dinalungan		2,266	905	5/22/1992
	Talaytay River Watershed Forest Reserve	Dinalungan		3,528	670	12/3/1990
Aurora and Nueva Vizcaya			2	6,466		
	Diaat River Watershed Forest Reserve	Maria Aurora, Dupax		3,219	399	5/24/1994
	Pacugao River Watershed Forest	Maria Aurora, Dupax del Norte		3,247	110	11/23/1992
Bataan			2	10,325		
	Subic Watershed Forest Reserve Watershed Purposes of Mariveles (Palanas)	Province of Bataan Mariveles		10,000 325	926 E.O. 20	6/25/1992 2/25/1919
Bulacan			1	28,550		
	Angat River-Bustos Dam Forest Reserve	Province of Bulacan		28,550	574	6/27/1969

Table 1.06 WATERSHED FOREST RESERVES BY PROVINCE: 2014 (continued)

Region/Province	Name of Reservation	Location	Number	Area (ha)	Proclamation No.	Proclamation Date
Bulacan, Rizal and Nueva Ecija			2	62,309		
	Angat Watershed Forest Reserve	Montalban, San Jose, Norzagaray, Angat, San Rafael, Penaranda and Infanta		55,709	71 Amended by 505	3/10/1927 12/4/1965
	Angat Watershed and Forest Range (Pilot)	Norzagaray, San Jose, Montalban		6,600	391	4/30/1968
Nueva Ecija			2	99,388		
	Pantabangan-Carranglan Watershed Reserve Peñaranda River Forest Reserve	Pantabangan, Carranglan Gen. Tinio (Papaya)		84,500 14,888	561 573	5/21/1969 6/26/1969
Nueva Ecija, Nueva Vizcaya and Bulacan			2	57,916		
	Dona Remedios Trinidad-General Tinio Watershed Forest Reserve Talavera Watershed Reservation	Dona Remedios Trinidad, General Tinio Sta. Fe, Carranglan, Lupao San Jose, Pantabangan		20,760 37,156	230 350 Amended by 244	3/23/1988 12/12/1938 11/17/1956
Zambales			2	6,635		
	Mangan Vaca Watershed Forest Reserve Olongapo Watershed Forest Reserve	Subic Olongapo City		300 6,335	1607 238 Amended by 66	8/29/2008 3/20/1987
Region 4A			16	94,244		
Laguna			1	10,771		
	Caliraya-Lumot Watershed Reservation	Lumban, Kalayaan and Cavinti		10,771	573	6/26/1969
Laguna, Quezon, Batangas			1	162		
	Makiling Banahaw Watershed Reservation	Cavinti, Sariaya, Cuenca, Canlubang		162	1111	2/21/1973
Rizal			1	27,980		
	Marikina Watershed Reservation	Antipolo, Montalban		27,980		7/26/1904

Table 1.06 WATERSHED FOREST RESERVES BY PROVINCE: 2014 (continued)

Region/Province	Name of Reservation	Location	Number	Area (ha)	Proclamation No.	Proclamation Date
Quezon			12	38,608		
	Alabat Watershed Forest Reserve	Alabat		688	156	9/18/1987
	Binahaan River Watershed Forest Reserve	Pagbilao and Mauban		465	735	5/29/1991
	Buenavista Watershed Forest Reserve	Mulanay		356	166	6/27/1937
	Calauag Watershed Forest Reserve	Calauag		328	367	1/2/1939
	Infanta Watershed Forest Reserve	Infanta		384	158	2/13/1967
	Kaliwa River Forest Reserve	General Nakar and Infanta		35,150	573	6/26/1969
	Lopez Watershed Forest Reserve	Lopez		418	566	6/22/1940
	Maulawin Spring Watershed Forest Reserve	Guinayangan		204	365	1/2/1939
	Mulanay Watershed Forest Reserve	Mulanay		26	296	7/21/1938
	Panukulan Watershed Forest Reserve	Panukulan		179	290	11/6/1993
	Polilio Watershed Forest Reserve	Polilio		130	72	8/9/1966
	Tibiang-Damagandong Watershed Forest Reserve	Quezon		280	295	7/21/1938
Quezon, Bulacan and Rizal			1	16,723		
	Umiray River Watershed Reservation	Gen. Nakar, Norzagaray and Montalban		16,723	264	9/28/1993
Region 4B			6	8,748		
Marinduque			2	522		
	Naampias River Watershed Forest Reserve	Torrijos		417	357	4/20/1994
	Torrijos Watershed Forest Reserve	Torrijos		105	463	4/6/1932
Palawan			2	4,870		
	Bacuit Watershed Forest Reserve	Bacuit		94	785	3/28/1935
	Palawan Flora, Fauna & Watershed Reserve	Puerto Princesa		4,776	2221	7/14/1982
Romblon			2	3,356		
	Calatrava-San Andres-San Agustin Watershed Forest Reserve	Calatrava, San Andres, San Agustin		2,670	2186	4/29/1982
	Ipil River Watershed Forest Reserve	San Fernando		686	394	5/30/1994

Table 1.06 WATERSHED FOREST RESERVES BY PROVINCE: 2014 (continued)

Region/Province	Name of Reservation	Location	Number	Area (ha)	Proclamation No.	Proclamation Date
Region 5			14	98,756		
Albay			2	18,471		
	Mt. Masaraga Watershed Forest Reserve Tiwi Watershed Reservation	Polangui, Oas, Ligao, Tabaco Malinao and Tiwi		810 17,661	84 739	10/27/1992 8/14/1970
Albay and Sorsogon			1	25,000		
	Bacon Manito Watershed Geothermal Reservation	Bacon, Manito		25,000	2036-A Amended by EO 837	11/11/1980 10/14/1982
Camarines Norte			4	7,501		
	Abasis-Matogdon-Mananap Watershed Forest Reserve Capalonga Watershed Forest Reserve Dahican Watershed Forest Reserve Jose Panganiban Watershed Forest Reserve	Labo, San Lorenzo Ruiz and San Vicente Capalonga Mambulao Jose Panganiban		5,545 752 44 1,160	836 128 592 1151	11/18/1991 11/25/1966 6/23/1933 1/9/1998
Camarines Sur			2	18,840		
	Buhi-Barit Watershed Reservation Lagonoy Watershed Forest Reserve	Buhi, Sangay and Iriga Lagonoy		18,370 470	573 500	6/26/1969 9/26/1932
Catanduanes			1	26,010		
	Catanduanes Watershed Forest Reserve	Virac, Bato, San Miguel, Pandan, Calolbon, Baras		26,010	123	6/23/1987
Masbate			3	1,902		
	Diwata Watershed Forest Reserve Matang-Tubig Watershed Forest Reserve Tugbo Watershed Forest Reserve	San Fernando Monreal Mobo, Masbate		350 1,305 247	370 368 369	5/2/1994 5/2/1994 5/2/1994
Sorsogon			1	1,032		
	Magallanes and Juban Watershed Forest Reserve	Magallanes, Juban		1,032	108	11/23/1992

Table 1.06 WATERSHED FOREST RESERVES BY PROVINCE: 2014 (continued)

Region/Province	Name of Reservation	Location	Number	Area (ha)	Proclamation No.	Proclamation Date
Region 6			8	69,851		
Aklan			1	23,185		
	Aklan River Watershed Forest Reserve	Madalag and Libucao		23,185	600	6/28/1990
Antique			2	16,295		
	Dalanas River Watershed Forest Reserve Tipulu-an Mau-it River Watershed Forest Reserve	Barbaza Sibalom		8,558 7,737	603 605	6/28/1990 6/28/1990
Capiz			1	4,350		
	Pan-ay River Watershed Forest Reserve	Tapaz		4,350	599	6/28/1990
Iloilo			2	15,378		
	Jalaur River Watershed Forest Reserve Maasin Watershed Forest Reserve	Calinog Maasin		9,228 6,150	601 16	6/28/1990 2/12/1923
Negros Occidental			2	10,643		
	Ilog-Hilabangan Watershed Forest Reserve Kabankalan Watershed Forest Reserve	Himamaylan and Kabankalan Kabankalan		10,211 432	602 820	6/28/1990 10/25/1991
Region 7			6	229,927		
Bohol			3	75,556		
	Alijawan-Cansujay-Anibongan River Watershed Forest Reserve	Duero, Jagna		3,630	881	3/20/1992
	Loboc Watershed Forest Reserve	Balilihan, Bilar, Batuan, Carmen, Garcia Hernandez		19,410	450	12/23/1953
	Wahig-Inabanga River Watershed Forest Reserve	Pilar, Candijay, Alicia, Duero, Sierra, Bullones, Carmen, Dagohoy, Danao, Inabanga, Buenavista, Jetafe		52,516	468	9/26/1994

Table 1.06 WATERSHED FOREST RESERVES BY PROVINCE: 2014 (continued)

Region/Province	Name of Reservation	Location	Number	Area (ha)	Proclamation No.	Proclamation Date
Region 9			4	11,456		
Zamboanga del Norte			2	788		
	Ambogoc Watershed Forest Reserve	Dapitan City		176	611	6/23/1995
	Siocon Watershed Forest Reserve	Siocon		612	155	9/18/1987
Zamboanga del Sur			1	108		
	Buug Watershed Forest Reserve	Buug		108	81	8/9/1966
Zamboanga del Sur and Zamboanga del Norte			1	10,560		
	Pasonanca Watershed Forest Reserve	Brgy Upper Pasonanca, Dulian, Baluno, Capisun Zamboanga City		10,560	199	12/17/1987
Region 10			3	371,386		
Bukidnon			2	371,250		
	Muleta-Manupali Watershed Forest Reserve	Lantapan and Pangantukan		61,500	127	6/29/1987
	Pulangi Watershed Reservation	Impasugong, Cabanglasan, San Fernando, Lantapan, Maramag, Quezon, Valencia City and Malaybalay City		309,750	E.O. 871	
Misamis Oriental			1	136		
	Mahoganao Watershed Forest Reserve	Cagayan		136	470	4/29/1932
Region 11			4	7,964		
Davao del Norte			1	6,725		
	Andap Watershed Forest Reserve	New Bataan		6,725	329	2/14/1994
Davao del Sur			1	235		
	Malagos Watershed Reservation	Guinaga, Davao City		235	612	8/31/1933
Davao Oriental			2	1,004		
	Baganga Watershed Forest Reserve	Baganga		114	195	12/8/1987
	Mati Watershed Forest Reserve	Mati		890	222	7/2/1967

Table 1.06 WATERSHED FOREST RESERVES BY PROVINCE: 2014 (continued)

Region/Province	Name of Reservation	Location	Number	Area (ha)	Proclamation No.	Proclamation Date
Cebu			2	21,371		
	Argao River Watershed Forest Reserve	Argao and Dalaguete		7,250	414	6/29/1994
	Kotkot and Lusaran River Watershed Forest Reserve	Cebu City, Danao City		14,121	932	6/29/1992
		Balamban, Compostela			Amended by 1074	9/2/1997
		Consolacion				
Negros Oriental			1	133,000		
	Palinpinon Geothermal Watershed Reservation	Dumaguete, Siaton, Tanjay		133,000	1413	4/8/1975
					Amended by EO 223	7/16/1987
Region 8			9	30,599		
Biliran			1	1,142		
	Anas Watershed Forest Reserve	Naval, Almeria, Culaba		1,142	763	3/19/1996
Eastern Samar			1	7,390		
	Jicontol Watershed Forest Reserve	Dolores and Can-avid		7,390	882	3/26/1992
Eastern Samar and Samar			1	4,055		
	Bulosao Watershed Forest Reserve	Lawa-an, Marabut		4,055	106	12/10/1992
Leyte			2	2,974		
	Palompon Watershed Forest Reserve	Palompon, Villaba		2,392	212	1/29/1988
	Patag-Gabas Watershed Forest Reserve	Baybay		582	1202	4/20/1998
Samar			3	10,502		
	Catbalogan Watershed Forest Reserve	Catbalogan, Jiabong		804	413	6/29/1994
	Loog Watershed Forest Reserve	Basey		1,866	703	11/28/1995
	Pan-as Falls Hay-ban Watershed Forest Reserve	Cataraman and Calbayog City		7,832	318	12/15/1967
Southern Leyte			1	4,536		
	Hinabian-Lawigan Watershed Reservation	Libagon, Hinunangan, St. Bernard and Silago		4,536	107	11/23/1992

Table 1.06 WATERSHED FOREST RESERVES BY PROVINCE: 2014 (continued)

Region/Province	Name of Reservation	Location	Number	Area (ha)	Proclamation No.	Proclamation Date
Region 12			5	272,759		
Cotabato			1	52,820		
	Libungan Watershed Forest Reserve	Libungan, Alamada		52,820	563	5/3/1990
South Cotabato			3	103,487		
	Allah Watershed Forest Reserve	Isulan, Banga, Surallah, Kiamba		92,450	2455	9/24/1985
	Koronadal Watershed Forest Reserve	Marbel		1,137	607	6/23/1995
	Sebu Watershed Forest Reserve	Banga and Kiamba		9,900	65	8/4/1966
Sultan Kudarat, Maguindanao, South Cotabato			1	116,452		
	Kabulnan River Watershed Forest Reserve	Esperanza, Isulan, Bagumbayan, Ninoy Aquino, Kalamansig, Palembang (Sultan Kudarat), Ampatuan (Maguindanao.), Lake Sebu (South Cotabato)		116,452	241	2/8/2000
Region 13			12	81,842		
Agusan del Norte			2	20,392		
	Cabadbaran Watershed Forest Reserve	Cabadbaran		16,025	834	11/13/1991
	Taguiubo River Watershed Forest Reserve	Butuan City, Remedios Trinidad		4,367	1076	9/4/1997
		Romualdez and Cabadbaran				
Agusan del Sur			3	16,855		
	Alfred Spring Watershed Forest Reserve	Bunawan		100	1236	5/29/1998
	Andanan River Watershed Forest Reserve	Sibagat and Bayugan		15,097	734	5/29/1991
	Mt. Magdiwata Watershed Forest Reserve	San Francisco		1,658	282	10/25/1993
Surigao del Norte			1	967		
	Surigao Watershed Forest Reserve	Sison, Malinao San Francisco		967	635	8/29/1990
Surigao del Sur			6	43,628		
	Adlay Watershed Forest Reserve	Carrascal		27	291	11/8/1993
	Alamio River Watershed	Cantilan		5,085	1747	3/23/2009
	Buyaan River Watershed	Madrid		6,683	1747	3/23/2009
	Carac-an River Watershed	Madrid		23,570	1747	3/23/2009
	Panikian River Watershed	Carrascal		7,045	1747	3/23/2009
	Sipangpang Falls Watershed	Cantilan		1,218	1747	3/23/2009

Table 1.06 WATERSHED FOREST RESERVES BY PROVINCE: 2014 (concluded)

Region/Province	Name of Reservation	Location	Number	Area (ha)	Proclamation No.	Proclamation Date
ARMM			2	182,354		
Lanao del Sur			1	180,460		
	Lake Lanao Watershed Reservation	Ditsaan-Ramain, Bubong, Buadipuso-Buntong, Molundo, Taraka, Maguing, Tamparan, Lumba-Bayabao, Poona-Bayabao, Masiu, Buteg, Lumbatan, Lumbayanagui, Bayang, Binidayan, Ganassi, Pualas, Madalum, Madamba, Bacolod Grande, Tugaya, Balindong, Marantao, Piagapo, Saguiaran and Marawi City		180,460	871	2/26/1992
Maguindanao			1	1,894		
	South Upi Watershed Forest Reserve	South Upi		1,894	65	2/20/1987

Table 1.07 COMMUNITY-BASED FOREST MANAGEMENT AGREEMENTS: 2014
(Area in hectare)

Region	No. Issued	Tenured Area	Beneficiaries	
			No. of Household	No. of People's Organization
Philippines	1,884	1,615,137	191,352	1,884
CAR	88	62,787	2,168	88
Region 1	139	38,654	11,951	139
Region 2	109	264,280	8,364	109
Region 3	120	66,823	6,242	120
Region 4A	47	18,401	3,642	47
Region 4B	77	90,145	6,836	77
Region 5	119	49,702	8,462	119
Region 6	104	34,054	8,555	104
Region 7	211	57,656	14,794	211
Region 8	144	117,047	8,270	144
Region 9	145	90,193	10,948	145
Region 10	294	209,147	28,537	294
Region 11	105	210,063	8,367	105
Region 12	56	96,101	9,943	56
Region 13	126	210,083	54,273	126

**Table 1.08 AREA REFORESTED BY SECTOR: 1994 - 2014
(In hectare)**

Year	Grand Total	Government Sector			Non-Government Sector			
		Total	DENR	Other Government Agencies	Total	Timber Licensees	IFMA/SIFMA/CBFMA/TFLA/PLA/ITPLA	Others
2014 ^{1/}	334,302	315,278	306,468	8,810	19,024	-	-	19,024
2013 ^{1/}	333,160	326,106	273,971	52,135	7,054	-	-	7,054
2012 ^{1/}	221,763	207,044	132,710	74,334	14,719	-	5	14,714
2011 ^{1/}	128,558	102,884	82,163	20,721	25,674	-	-	25,674
2010	36,877	32,384	32,384	-	4,493	3,737	756	-
2009	54,792	53,842	53,842	-	950	-	950	-
2008	43,609	27,752	27,752	-	15,857	182	928	14,747
2007	27,837	25,024	25,024	-	2,813	-	-	2,813
2006	7,223	4,476	4,476	-	2,747	-	-	2,747
2005	16,498	7,187	7,187	-	9,311	341	6,337	2,633
2004	20,338	12,436	12,436	-	7,902	2,836	4,431	635
2003	15,088	13,195	6,565	6,630	1,893	842	1,034	17
2002	25,620	20,681	9,111	11,570	4,939	564	3,850	525
2001	31,444	26,524	26,484	40	4,920	1,410	2,721	789
2000	27,632	21,740	19,059	2,681	5,892	1,989	3,421	482
1999	42,167	31,184	30,831	353	10,983	6,904	-	4,079
1998	42,368	33,219	32,643	576	9,149	8,236 ^{2/}	-	913 ^{4/}
1997	66,237	49,301	48,490	811	16,936	14,357 ^{2/}	-	2,579
1996	46,096	18,869	18,869	-	27,227	20,005 ^{2/}	-	7,222 ^{4/}
1995	65,233	21,841	21,841	-	43,392	30,380 ^{2/}	-	13,012 ^{4/}
1994	49,551	18,032	18,032	-	31,519	9,468 ^{3/}	18,729	3,322 ^{4/}

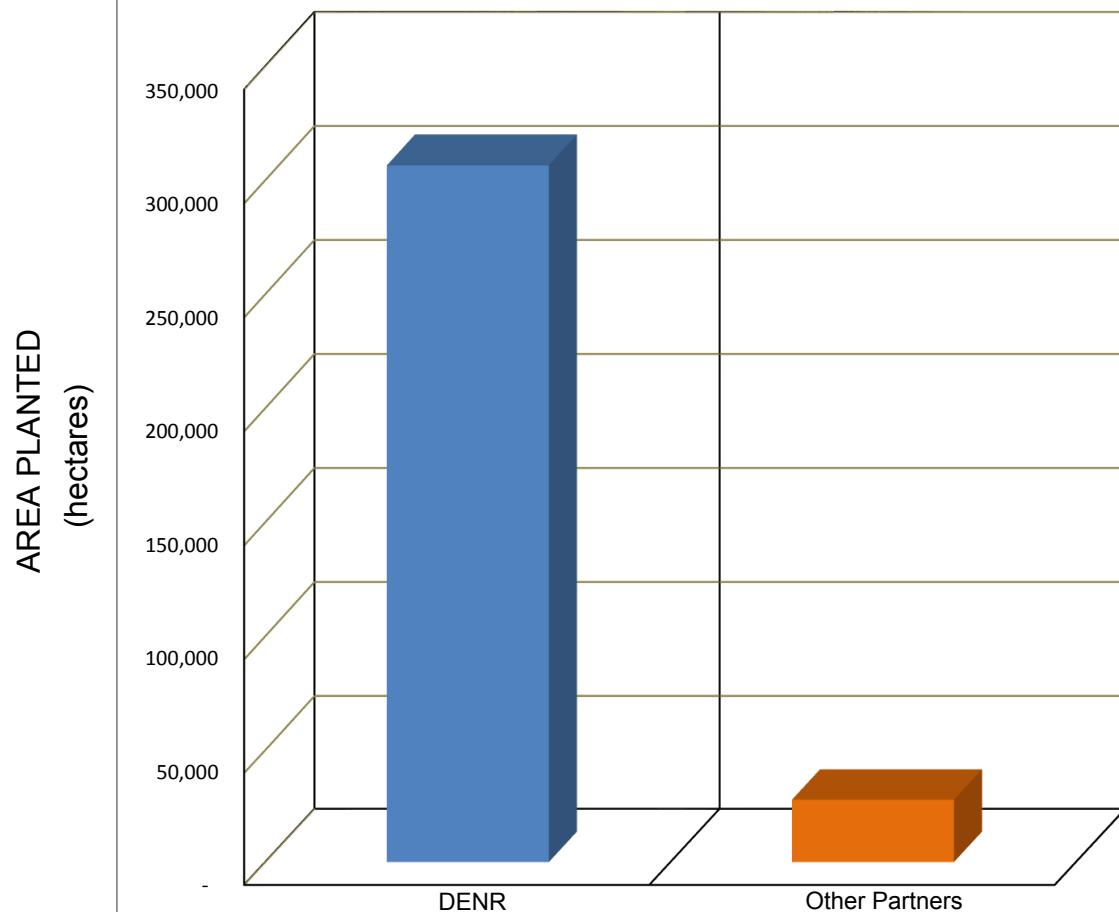
1/ National Greening Program (NGP) Accomplishment involving DENR and other partners

2/ Including accomplishment of IFMA and SIFMA holders

3/ Including Enrichment Planting of Timber Licensees

4/ Private Lands and other organizations

**FIGURE 4. NATIONAL GREENING PROGRAM
(NGP) - AREA PLANTED: 2014**



**Table 1.09 NATIONAL GREENING PROGRAM (NGP) - AREA PLANTED: 2014
(Area in hectare)**

Sector/Agency	Philippines	NCR	CAR	R1	R2	R3	R4A	R4B	R5	R6	R7	R8	R9	R10	R11	R12	R13
	334,302	51	24,178	13,396	15,060	22,343	21,535	19,159	20,499	12,108	18,204	19,237	19,159	14,129	16,223	15,934	16,162
1. DENR	306,468	51	24,178	13,396	15,060	22,343	21,535	19,159	20,499	12,108	18,204	19,237	19,159	14,129	16,223	15,934	16,162
1.01 Central Office	28,313																
1.02 Other DENR Projects	10,778																
1.03 Regional Offices	267,377	51	24,178	13,396	15,060	22,343	21,535	19,159	20,499	12,108	18,204	19,237	19,159	14,129	16,223	15,934	16,162
2. Other Partners	27,834																
2.01 ARMM	2,319																
2.02 DA	2,133																
2.03 EDC	917																
2.04 FASP	3,372																
2.05 GSIS	50																
2.06 LLDA	517																
2.07 Mining Companies	17,708																
2.08 NEA	160																
2.09 NGCP	261																
2.10 PAMANA	259																
2.11 SMFI	138																

Source: National Greening Program

Legend:

ARMM - Autonomous Region in Muslim Mindanao
DA - Department of Agriculture
EDC - Energy Development Corporation
FASP - Foreign Assisted and Special Projects Service
GSIS - Government Service Insurance System
LLDA - Laguna Lake Development Authority
NEA - National Electrification Administration
NGCP - National Grid Corporation of the Philippines
PAMANA - PAyapa at MAsaganang PamayaNAn
SMFI - SM Foundation, Inc.

FOREST RESOURCES UTILIZATION

Table 2.01 TIMBER LICENSES: CY 1994 - 2014
(Area in thousand hectares, AAC in thousand cubic meters)

Year	Total			Timber License Agreement			Pulpwood Timber License			Private Land			Special			TPSA			Others		
	No.	Area	AAC	No.	Area	AAC	No.	Area	AAC	No.	Area	AAC	No.	Area	AAC	No.	Area	AAC	No.	Area	AAC
2014	2	120	1/	2	120	1/	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2013	3	177	1/	3	177	1/	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2012	3	177	1/	3	177	1/	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2011	3	177	1/	3	177	1/	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2010	4	253	66	4	253	66	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2009	6	325	66	6	325	66	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2008	13	587	448	13	587	448	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2007	11	496	144	11	496	144	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2006	15	691	308	15	691	308	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2005	18	825	111	17	779	111	1	46	..	-	-	-	-	-	-	-	-	-	-	-	-
2004	15	584	212	14	538	212	1	46	..	-	-	-	-	-	-	-	-	-	-	-	-
2003	16	662	234	15	616	234	1	46	..	-	-	-	-	-	-	-	-	-	-	-	-
2002	18	787	171	17	741	171	1	46	..	-	-	-	-	-	-	-	-	-	-	-	-
2001	20	910	212	19	864	212	1	46	..	-	-	-	-	-	-	-	-	-	-	-	-
2000	20	910	798	19	864	689	1	46	109	-	-	-	-	-	-	-	-	-	-	-	-
1999	21	904	550	20	858	532	1	46	18	-	-	-	-	-	-	-	-	-	-	-	-
1998	21	1,036	524	20	934	506	1	102	18	-	-	-	-	-	-	-	-	-	-	-	-
1997	26	1,310	854	25	1,208	822	1	102	32	-	-	-	-	-	-	-	-	-	-	-	-
1996	36	1,564	1,032	35	1,462	988	1	102	44	-	-	-	-	-	-	-	-	-	-	-	-
1995	41	1,600	1,105	37	1,498	1,062	1	102	33	1	2	10	-	-	-	2	..	-	-	-	-
1994	46	1,627	1,144	37	1,575	945	1	50	52	1	2	10	1	..	..	5	..	117	1	..	20

1/ no approved Integrated Annual Operations Plan (IAOP)

.. Not available

Table 2.02 EXISTING TIMBER LICENSE AGREEMENTS: 2014
(Area in hectare, AAC in cubic meter)

Region/Province	No.	Area	AAC
Philippines	2	<u>119,560</u>	0
Region 8	1	<u>95,770</u>	-
Western Samar	1	95,770	1/
Region 9	1	<u>23,790</u>	-
Zamboanga del Norte	1	23,790	1/

1/ no approved Integrated Annual Operations Plan (IAOP)

**Table 2.03 INTEGRATED FOREST MANAGEMENT AGREEMENT/INDUSTRIAL TREE PLANTATION LEASE AGREEMENT (IFMA/ITPLA), TREE FARM, AND AGROFORESTRY FARM LEASES: 1994 - 2014
(Area in hectare)**

Year	Total		IFMA/ITPLA		Tree Farm		Agroforestry Farm	
	No.	Area	No.	Area	No.	Area	No.	Area
2014	203	992	139	985	61	6	3	a
2013	204	1,013	140	1,006	61	6	3	a
2012	209	1,013	140	1,006	63	6	6	1
2011	229	1,042	146	1,034	75	7	8	1
2010	281	1,030	145	1,019	94	7	42	3
2009	290	941	154	867	94	10	42	64
2008	289	841	146	767	101	11	42	64
2007	337	924	153	833	125	14	59	78
2006	352	871	154	771	127	16	71	84
2005	400	821	178	714	142	17	80	90
2004	427	824	192	710	151	20	84	94
2003	449	828	198	714	167	20	84	94
2002	439	808	193	697	166	20	80	91
2001	430	725	186	615	165	20	79	90
2000	419	658	184	548	155	19	80	91
1999	415	617	188	508	147	18	80	91
1998	427	639	199	527	147	18	81	94
1997	436	585	206	472	148	19	82	94
1996	470	641	233	525	153	20	84	97
1995	460	652	248	538	128	18	84	97
1994	433	632	227	516	120	17	86	99

a - less than 1,000 ha

r - revised

Note: Details may not add up to total due to rounding

**Table 2.04 INTEGRATED FOREST MANAGEMENT AGREEMENT
(IFMA) BY PROVINCE: 2014**

Region/Province	No.	Area (ha)
Philippines	<u>139</u>	<u>985,181</u>
CAR	4	43,476
Apayao	4	43,476
Region 1	4	2,979
Ilocos Norte	1	250
Ilocos Sur	1	995
Pangasinan	2	1,734
Region 2	9	71,763
Isabela	9	63,970
Quirino	1/	7,793
Region 3	25	175,465
Aurora	8	130,458
Bataan	2	1,136
Bulacan	3	1,949
Isabela	2/	24,081
Nueva Ecija	1	877
Tarlac	4	6,981
Zambales	7	9,983
Region 4A	3	14,627
Batangas	1	100
Quezon	2	14,527

1/ Counted in Isabela and Aurora where part of the area is located

2/ Counted in Aurora where part of the area is located

**Table 2.04 INTEGRATED FOREST MANAGEMENT AGREEMENT
(IFMA) BY PROVINCE: 2014 (continued)**

Region/Province	No.	Area (ha)
Region 6	3	16,116
Iloilo	1	541
Negros Occidental	2	15,575
Region 7	5	7,087
Cebu	1	232
Negros Oriental	4	6,855
Region 8	4	1,824
Biliran	1	702
Leyte	2	572
Western Samar	1	550
Region 9	14	74,620
Zamboanga del Norte	9	71,643
Zamboanga del Sur	5	1,104
Zamboanga Sibugay	3/	1,873
Region 10	5	52,978
Bukidnon	3	40,944
Misamis Oriental	2	12,034
Region 11	21	103,386
Davao del Norte	3	20,833
Davao del Sur	3	2,478
Davao Oriental	15	80,075

3/ Counted in Zamboanga del Norte where part of the area is located

**Table 2.04 INTEGRATED FOREST MANAGEMENT AGREEMENT
(IFMA) BY PROVINCE: 2014 (concluded)**

Region/Province	No.	Area (ha)
Region 12	19	40,116
North Cotabato	1	724
Sarangani	6	3,602
South Cotabato	10	6,852
Sultan Kudarat	2 ^{4/}	28,938
Region 13	13	337,679
Agusan del Norte	1 ^{5/}	4,772
Agusan del Sur	8 ^{5/}	209,815
Surigao del Norte	5 [/]	9,328
Surigao del Sur	4	113,764
ARMM	10	43,064
Lanao del Sur	6	18,157
Maguindanao	4	24,907

4/ Counted in South Cotabato where part of it is located

5/ Counted in Surigao del Sur where part of it is located

**Table 2.05 TREE FARM AND AGRO-FORESTRY FARM LEASES BY PROVINCE: 2014
(Area in hectare)**

Region/Province	Total		Tree Farm		Agroforestry		Region/Province	Total		Tree Farm		Agroforestry	
	No.	Area	No.	Area	No.	Area		No.	Area	No.	Area	No.	Area
Philippines	64	6,576	61	6,128	3	448							
CAR	5	805	3	407	2	398	Region 6	3	359	3	359	-	-
Abra	1	286	-	-	1	286	Aklan	1	130	1	130	-	-
Ifugao	1	4	1	4	-	-	Iloilo	2	229	2	229	-	-
Kalinga	3	515	2	403	1	112	Region 7	1	234	1	234	-	-
Region 1	5	250	5	250	-	-	Cebu	1	234	1	234	-	-
Ilocos Norte	3	116	3	116	-	-	Region 9	5	85	5	85	-	-
Pangasinan	2	134	2	134	-	-	Zamboanga del Sur	5	85	5	85	-	-
Region 2	20	2,023	19	1,973	1	50	Region 10	1	235	1	235	-	-
Cagayan	5	340	5	340	-	-	Bukidnon	1	235	1	235	-	-
Isabela	4	753	4	753	-	-	Region 11	1	300	1	300	-	-
Nueva Vizcaya	10	888	9	838	1	50	Davao del Sur	1	300	1	300	-	-
Quirino	1	42	1	42	-	-							
Region 3	22	2,205	22	2,205	-	-							
Bulacan	5	1,000	5	1,000	-	-							
Nueva Ecija	4	455	4	455	-	-							
Zambales	13	750	13	750	-	-							
Region 4A	1	80	1	80	-	-							
Batangas	1	80	1	80	-	-							

Table 2.06 SOCIALIZED INDUSTRIAL FOREST MANAGEMENT AGREEMENTS: 2014
(Area in hectare)

Region/Province	Number	Area	Region/Province	Number	Area
Philippines	1,529	32,217			
CAR	11	686	Region 6	3	820
Ifugao	2	360	Iloilo	1	265
Kalinga	9	326	Negros Occidental	2	555
Region 1	65	4,924	Region 7	17	1,412
Ilocos Norte	7	79	Cebu	13	1,375
La Union	1	2	Negros Oriental	4	37
Pangasinan	57	4,843			
Region 2	989	6,450	Region 8	2	370
Cagayan	415	3,126	Biliran	1	20
Isabela	519	2,981	Leyte	1	350
Quirino	55	343			
Region 3	314	6,077	Region 9	15	7,001
Bataan	27	878	Zamboanga del Norte	3	1,500
Bulacan	226	1,798	Zamboanga del Sur	1	59
Nueva Ecija	22	115	Zamboanga Sibugay	11	5,442
Tarlac	8	1,817			
Zambales	31	1,469	Region 10	4	525
Region 4A	3	1,240	Bukidnon	4	525
Quezon	3	1,240			
			Davao City	14	366
			Davao Oriental	5	26
Region 4B	50	1,365	Region 11	19	391
Marinduque	14	399	North Cotabato	34	176
Occidental Mindoro	15	480			
Palawan	21	486	Region 12	2	720
Region 5	1	60	Agusan del Sur	2	720
Camarines Norte	1	60			

**Table 2.07 PRIVATE FOREST DEVELOPMENT AGREEMENTS BY PROVINCE: 2014
(Area in hectare)**

Region/Province	Number	Area
Philippines	7	<u>2,472</u>
Region 3	2	615
Nueva Ecija	2	615
Region 4A	1	1,841
Quezon	1	1,841
Region 10	4	16
Bukidnon	1	2
Misamis Occidental	1	6
Misamis Oriental	2	7

Table 2.08 FOREST LAND GRAZING MANAGEMENT AGREEMENTS AND PERMITS: 1994 - 2014
(Area in thousand hectare)

Year	Total		Lease		Permit	
	Number	Area	Number	Area	Number	Area
2014	217	63	217	63	-	-
2013	259	73	259	73	-	-
2012	290	79	290	79	-	-
2011	325	90	325	90	-	-
2010	350	100	350	100	-	-
2009	350	97	350	97	-	-
2008	370	101	370	101	-	-
2007	405	113	405	113	-	-
2006	395	111	395	111	-	-
2005	395	109	395	109	-	-
2004	399	112	399	112	-	-
2003	402	114	402	114	-	-
2002	400	115	400	115	-	-
2001	407	119	407	119	-	-
2000	419	122	419	122	-	-
1999	496	153	462	145	34	8
1998	541	170	492	151	49	19
1997	588	187	569	179	19	8
1996	699	227	678	222	21	5
1995	722	257	714	252	8	5
1994	792	282	769	278	23	4

**Table 2.09 FOREST LAND GRAZING MANAGEMENT AGREEMENTS BY PROVINCE: 2014
(Area in hectare)**

Region/Province	Total		Region/Province	Total	
	Number	Area		Number	Area
Philippines		217	62,880		
CAR	18	4,239	Region 4B	19	8,775
Abra	6	1,139	Marinduque	1	57
Ifugao	6	944	Occidental Mindoro	9	6,184
Kalinga	2	237	Oriental Mindoro	4	1,391
Mt. Province	4	1,919	Palawan	5	1,143
Region 1	10	1,441	Region 5	16	6,166
Pangasinan	10	1,441	Masbate	16	6,166
Region 2	78	14,082	Region 6	3	203
Cagayan	44	6,595	Iloilo	3	203
Isabela	33	7,432			
Quirino	1	55	Region 10	22	8,240
Region 3	23	6,735	Bukidnon	16	7,261
			Misamis Oriental	6	979
Aurora	1	110			
Bataan	2	609	Region 12	23	11,966
Nueva Ecija	6	2,216	North Cotabato	1	615
Tarlac	2	270	Sarangani	4	2,103
Zambales	12	3,530	South Cotabato	18	9,248
Region 4A	5	1,035			
Batangas	3	891			
Quezon	1	94			
Rizal	1	50			

Table 2.10 SPECIAL AND FOREST LAND USE PERMITS AND AGREEMENTS: 2014
(Area in hectare)

Region/Province	Total		Special Land Use Permit (SLUP) 1/3-Year Contract		Special Land Use Lease Agreement (SPLULA) 25-Year Contract		Forest Land Use Agreement For Tourism Purposes (FLAgT) 25-Year Contract		Forest Land Use Agreement (FLAg) 25-Year Contract	
	No.	Area	No.	Area	No.	Area	No.	Area	No.	Area
Philippines	145	4,193	73	401	16	794	30	281	26	2,717
Region 1	14	3,115	4	11	1	725	-	-	9	2,379
Ilocos Norte	14	3,115	4	11	1	725	-	-	9	2,379
Region 1 and CAR	2	7	-	-	-	-	-	-	2	7
Ilocos Sur and Benguet	2	7	-	-	-	-	-	-	2	7
Region 2	5	22	5	22	-	-	-	-	-	-
Cagayan	3	9	3	9	-	-	-	-	-	-
Isabela	2	13	2	13	-	-	-	-	-	-
Region 3	9	124	7	120	-	-	1	3	1	1
Aurora	2	0	2	a	-	-	-	-	-	-
Bataan	1	3	-	-	-	-	1	3	-	-
Nueva Ecija	2	2	2	2	-	-	-	-	-	-
Tarlac	1	1	-	-	-	-	-	-	1	1
Zambales	3	118	3	118	-	-	-	-	-	-
Region 4B	32	304	-	-	-	-	26	241	6	63
Marinduque	1	10	-	-	-	-	1	10	-	-
Palawan	23	252	-	-	-	-	20	226	3	27
Occidental Mindoro	5	5	-	-	-	-	5	5	-	-
Oriental Mindoro	2	30	-	-	-	-	-	-	2	30
Romblon	1	7	-	-	-	-	-	-	1	7

a - less than one hectare

Table 2.10 SPECIAL AND FOREST LAND USE PERMITS AND AGREEMENTS: 2014 (concluded)
(Area in hectare)

Region/Province	Total		Special Land Use Permit (SLUP)		Special Land Use Lease Agreement (SPLULA)		Forest Land Use Agreement For Tourism Purposes (FLAgT)		Forest Land Use Agreement (FLAg)	
	No.	Area	No.	Area	No.	Area	No.	Area	No.	Area
			1/3-Year Contract		25-Year Contract		25-Year Contract		25-Year Contract	
Region 5	42	166	38	159	1	2	-	-	3	4
Albay	3	20	3	20	-	-	-	-	-	-
Camarines Norte	1	2	-	-	1	2	-	-	-	-
Masbate	1	24	1	24						
Sorsogon City	37	119	34	114	-	-	-	-	3	4
Region 6	5	153	1	12	-	-	1	1	3	140
Aklan	3	2	-	-	-	-	1	1	2	1
Iloilo	2	151	1	12	-	-	-	-	1	139
Region 7	31	281	16	66	12	65	2	36	1	114
Bohol	1	a	1	a						
Cebu	24	141	11	64	12	65	1	12	-	-
Negros Oriental	5	116	4	2	-	-	-	-	1	114
Siquijor	1	24	-	-	-	-	1	24	-	-
Region 12	1	8	-	-	-	-	-	-	1	8
Cotabato	1	8	-	-	-	-	-	-	1	8
Region13	4	13	2	11	2	2	-	-	-	-
Agusan del Norte	2	11	2	11	-	-	-	-	-	-
Agusan del Sur	1	a	-	-	1	a	-	-	-	-
Surigao del Sur	1	2	-	-	1	2	-	-	-	-

a - less than one hectare

Table 2.11 RATTAN CUTTING CONTRACTS BY PROVINCE: 2014
 (Area in hectare, Allowable Cut in lineal meter)

Region/Province	Total			Region/Province	Total		
	No.	Area	Allowable Cut		No.	Area	Allowable Cut
Philippines	40	296,809	17,644,726				
CAR	1	18,940	438,762	Region 9	2	14,118	403,739
Apayao	1	18,940	438,762	Zamboanga del Norte	2	14,118	403,739
Region 2	2	35,000	288,697	Region 10	2	11,700	943,996
Isabela	2	35,000	288,697	Bukidnon Lanao del Norte	1	4,500	220,706
Region 3	8	48,020	3,339,175	Region 11	4	43,806	3,321,993
Aurora	5	35,240	1,600,543	Davao del Norte	1	15,575	599,076
Bataan	1	2,780	529,829	Davao Oriental	3	28,231	2,722,917
Tarlac	2	10,000	1,208,803				
Region 4B	3	17,452	414,789	Region 12	2	7,600	342,640
Oriental Mindoro	1	9,844	50,000	Cotabato	1	2,600	17,940
Palawan	2	7,608	364,789	Sultan Kudarat	1	5,000	324,700
Region 5	1	2,731	98,429	Region 13	8	62,442	5,813,792
Catanduanes	1	2,731	98,429	Agusan del Norte	1	12,565	919,582
Region 8	7	35,000	2,238,714	Agusan del Sur	6	47,152	3,656,797
Eastern Samar	3	15,000	961,433	Surigao del Sur	1	2,725	1,237,413
Samar	4	20,000	1,277,281				

**Table 2.12 ACTIVE REGULAR SAWMILLS: 1994 - 2014
(DRC and ALR in thousand cubic meters)**

Year	Total			With Timber Concession			Without Timber Concession		
	Number	DRC	ALR	Number	DRC	ALR	Number	DRC	ALR
2014	22	a	441	1	a	2	21	a	439
2013	22	a	376	1	a	2	21	a	374
2012	31	1	553	-	-	-	31	1	553
2011	29	1	445	4	a	41	25	1	404
2010	27	1	480	4	a	69	23	1	411
2009	34	1	516	6	a	78	28	1	438
2008	35	2	619	10	a	171	25	1	448
2007	30	1	510	8	a	179	22	1	331
2006	28	1	499	7	a	162	21	a	337
2005	30	1	453	7	a	154	23	a	299
2004	36	1	599	11	a	261	25	a	338
2003	31	1	539	10	a	227	21	a	312
2002	36	2	622	9	a	232	27	1	391
2001	44	2	777	11	a	318	33	1	459
2000	45	2	743	10	a	294	35	1	449
1999	51	3	956	10	a	378	41	2	578
1998	55	2	903	11	a	265	44	2	639
1997	85	5	1,555	20	2	593	65	3	962
1996	61	3	1,236	21	2	682	40	1	554
1995	78	4	1,532	29	2	868	49	2	664
1994	93	4	1,554	30	2	682	63	2	872

(-) no data available

a - less than 1,000

**Table 2.13 ACTIVE REGULAR SAWMILLS BY PROVINCE: 2014
(DRC and ALR in cubic meter)**

Region/Province	Total			With Timber Concession			Without Timber Concession		
	Number	Daily Rated Capacity	Annual Log Requirement	Number	Daily Rated Capacity	Annual Log Requirement	Number	Daily Rated Capacity	Annual Log Requirement
Philippines	22	999	441,035	1	5	1,573	21	994	439,462
NCR	4	169	52,734	-	-	-	4	169	52,734
Metro Manila	4	169	52,734	-	-	-	4	169	52,734
Region 4A	2	94	22,642	-	-	-	2	94	22,642
Cavite	2	94	22,642	-	-	-	2	94	22,642
Region 7	1	5	1,573	1	5	1,573	-	-	-
Negros Oriental	1	5	1,573	1	5	1,573	-	-	-
Region 10	1	24	14,150	-	-	-	1	24	14,150
Misamis Oriental	1	24	14,150	-	-	-	1	24	14,150
Region 11	3	130	52,156	-	-	-	3	130	52,156
Davao del Norte	2	83	33,356	-	-	-	2	83	33,356
Davao del Sur	1	47	18,800	-	-	-	1	47	18,800
Region 13	11	577	297,780	-	-	-	11	577	297,780
Agusan del Norte	8	367	197,232	-	-	-	8	367	197,232
Agusan del Sur	3	210	100,548	-	-	-	3	210	100,548

**Table 2.14 EXISTING REGULAR SAWMILLS BY PROVINCE: 2014
(DRC and ALR in cubic meter)**

Region/Province	Total			With Timber Concession			Without Timber Concession		
	Number	Daily Rated Capacity	Annual Log Requirement	Number	Daily Rated Capacity	Annual Log Requirement	Number	Daily Rated Capacity	Annual Log Requirement
Philippines	39	1,771	795,293	1	5	1,573	38	1,766	793,720
NCR	6	228	71,649	-	-	-	6	228	71,649
Metro Manila	6	228	71,649	-	-	-	6	228	71,649
Region 3	5	198	69,810	-	-	-	5	198	69,810
Bulacan	5	198	69,810	-	-	-	5	198	69,810
Region 4A	3	130	34,435	-	-	-	3	130	34,435
Batangas	1	35	11,793	-	-	-	1	35	11,793
Cavite	2	94	22,642	-	-	-	2	94	22,642
Region 7	1	5	1,573	1	5	1,573	-	-	-
Negros Oriental	1	5	1,573	1	5	1,573	-	-	-
Region 9	2	167	66,800	-	-	-	2	167	66,800
Zamboanga City	2	167	66,800	-	-	-	2	167	66,800
Region 10	4	215	129,056	-	-	-	4	215	129,056
Misamis Oriental	4	215	129,056	-	-	-	4	215	129,056

Table 2.14 EXISTING REGULAR SAWMILLS BY PROVINCE: 2014 (concluded)
(DRC and ALR in cubic meter)

Region/Province	Total			With Timber Concession			Without Timber Concession		
	Number	Daily Rated Capacity	Annual Log Requirement	Number	Daily Rated Capacity	Annual Log Requirement	Number	Daily Rated Capacity	Annual Log Requirement
Region 11	4	138	55,456	-	-	-	4	138	55,456
Davao del Norte	2	83	33,356	-	-	-	2	83	33,356
Davao del Sur	2	55	22,100	-	-	-	2	55	22,100
Region 13	14	690	366,514	-	-	-	14	690	366,514
Agusan del Norte	9	391	221,327	-	-	-	9	391	221,327
Agusan del Sur	4	295	141,347	-	-	-	4	295	141,347
Surigao del Sur	1	4	3,840	-	-	-	1	4	3,840

**Table 2.15 EXISTING MINI-SAWMILLS BY PROVINCE: 2014
(DRC and ALR in cubic meter)**

Region/Province	Total			Active			Inactive		
	Number	Daily Rated Capacity	Annual Log Requirement	Number	Daily Rated Capacity	Annual Log Requirement	Number	Daily Rated Capacity	Annual Log Requirement
Philippines	222	2,175	1,097,309	62	817	391,438	160	1,358	705,871
Region 1	1	17	4,358	-	-	-	1	17	4,358
La Union	1	17	4,358	-	-	-	1	17	4,358
Region 3	1	19	41,064	-	-	-	1	19	41,064
Zambales	1	19	41,064	-	-	-	1	19	41,064
Region 4A	1	5	1,133	-	-	-	1	5	1,133
Quezon	1	5	1,133	-	-	-	1	5	1,133
Region 6	1	2	787	-	-	-	1	2	787
Negros Occidental	1	2	787	-	-	-	1	2	787
Region 9	3	72	..	1	24	..	2	48	..
Zamboanga del Norte	3	72	..	1	24	..	2	48	..
Region 10	134	1,265	672,150	28	336	159,413	106	929	512,737
Bukidnon	35	89	60,663	-	-	-	35	89	60,663
Lanao del Norte	-	-	-	-	-	-	5	20	12,204
Misamis Occidental	33	408	218,127				33	408	218,127
Misamis Oriental	61	748	381,156	28	336	159,413	33	412	221,743

Table 2.15 EXISTING MINI-SAWMILLS BY PROVINCE: 2014 (concluded)
(DRC and ALR in cubic meter)

Region/Province	Total			Active			Inactive		
	Number	Daily Rated Capacity	Annual Log Requirement	Number	Daily Rated Capacity	Annual Log Requirement	Number	Daily Rated Capacity	Annual Log Requirement
Region 11	53	349	138,470	18	85	26,826	35	264	111,644
Compostela Valley	16	157	68,262	6	34	8,182	10	123	60,080
Davao del Norte	23	119	46,800	7	27	10,800	16	92	36,000
Davao del Sur	9	45	16,284	3	14	5,484	6	31	10,800
Davao Oriental	5	28	7,124	2	10	2,360	3	18	4,764
Region 12	11	97	26,039	4	52	15,564	7	45	10,475
Cotabato	7	71	18,396	3	47	14,148	4	24	4,248
South Cotabato	3	21	6,227	-	-	-	3	21	6,227
Sultan Kudarat	1	5	1,416	1	5	1,416	-	-	-
Region 13	17	350	213,308	11	321	189,635	6	29	23,673
Agusan del Norte	10	296	185,548	7	283	172,312	3	13	13,236
Agusan del Sur	6	50	23,920	4	38	17,323	2	12	6,597
Surigao del Sur	1	4	3,840	-	-	-	1	4	3,840

.. Not available

Table 2.16 WOOD-BASED PLANTS: 1994 - 2014
(DRC in cubic meter)

Year	Veneer		Plywood		Blockboard		Particleboard		Fiberboard	
	Number	DRC	Number	DRC	Number	DRC	Number	DRC	Number	DRC
2014	67	3,021	37	2,514	8	652	..	..	2	538
2013	66	3,026	42	2,716	10	1,165	..	..	2	538
2012	65	2,909	48	2,928	8	..	..	..	2	..
2011	40	855	43	2,730	6	..	..	..	2	..
2010	40	855	43	1,106	5	..	..	..	3	..
2009	31	742	41	2,846	5	..	..	..	2	..
2008	33	803	40	2,864	6	..	..	..	1	..
2007	31	784	41	2,920	5	33	..	..	1	6
2006	27	503	40	2,227	7	..	..	..	1	..
2005	22	470	32	1,973	7	..	1	..	1	..
2004	20	1,395	32	2,809	7	..	1	..	1	8
2003	18	1,329	32	2,809	7	..	1	..	1	8
2002	16	975	34	2,264	6	..	1	..	1	..
2001	19	938	30	1,818	6	..	1	..	1	..
2000	19	934	27	1,803	8	..	1	..	..	..
1999	19	1,148	31	2,848	19	1,564	1	..	1	708
1998	19	1,193	33	3,316	19	1,564	1	..	1	708
1997	14	700	34	3,177	19	1,564	1	-	1	708
1996	7	151	32	2,025	26	345	3	172	1	708
1995	6	141	31	3,043	24	421	3	172	1	708
1994	6	208	40	5,450	26	454	3	172	1	708

.. Not available

**Table 2.17 VENEER PLANTS BY REGION: 2014
(DRC and ALR in cubic meter)**

Region/Plant	Number	Location	Daily Rated Capacity	Annual Log Requirement
Philippines	<u>67</u>		<u>3,021</u>	<u>1,249,515</u>
NCR	<u>3</u>		<u>154</u>	<u>51,313</u>
Republic Wooden Commodities Mfg. Corp.		917 Susano Avenue, Novaliches	33	11,073
United Fancy Plywood		422 Qurino Highway, Talipapa, Novaliches, Quezon City	1	240
Winlex Marketing Corp.		5122 B. Hao St., Mapulang Lupa, Val. City	120	40,000
Region 3	<u>1</u>		<u>42</u>	<u>14,150</u>
Pacific Timber Export		Mahalcan, Meycauayan, Bulacan	42	14,150
Region 4A	<u>1</u>		<u>80</u>	<u>19,200</u>
Mt. Banahaw Wood Industries, Inc.		Sariaya, Quezon	80	19,200
Region 9	<u>2</u>		<u>94</u>	<u>47,000</u>
M & S Company, Inc.		Recoyo, Zamboanga City	47	23,500
Mega Plywood Corporation		Brgy. Zambowood, Zamboanga City	47	23,500
Region 10	<u>9</u>		<u>414</u>	<u>133,405</u>
Asia Pacific Timber & Plywood Corp.		Lunao, Gingoog City	50	30,000
Findlay Millar Timber Company		Baybay Tinagsa, Kolambungan, Lanao del Norte	100	30,000
HCH Wood Corp./Huang Yu-Fu		Gracia, Tagoloan, Misamis Oriental	10	6,666
Impasug-ong Furniture Shop		Purok 7, Pob. Impasug-ong, Bukidnon	10	6,666
Novawood Forest Industries/Sydney S. Dy		Lapasan, Clarin, Misamis Occidental	30	6,000
Oro Bell Wood Ent./Joey Albert M. Tong		Dayawan, Villanueva, Misamis Oriental	10	6,666
Timberwood Dev. Corp./Anne Velasco		Mohon, Tagoloan, Misamis Oriental	20	13,332
Union Plywood Corp./Johnny Huan		Molugan, El Salvador, Misamis Oriental	94	7,075
Vicmar Dev. Corp./ Juanito Pagcaliwagan		Sugbongcogon, Tagoloan, Misamis Oriental	90	27,000

Table 2.17 VENEER PLANTS BY REGION: 2014 (continued)
(DRC and ALR in cubic meter)

Region/Plant	Number	Location	Daily Rated Capacity	Annual Log Requirement
Region 11	<u>20</u>		<u>468</u>	<u>255,682</u>
Ango Wood Industries		Km. 25, Bunawan, Davao City	5	3,000
Aquarius Minisawmill & Mini veneer		Baylo, Monkayo, Comval Province	20	
Baganga Plywood Corp.		Lambajon, Baganga, Davao Or.	120	72,000
C.R.B. Veneer Enterprises		Magading, Nabunturan, Comval Province	4	2,262
Chaverson Wood Industries Corp.		Quitolao, Mahayag, Davao City	10	6,000
Comval Woodcore Industry		Ngan, Compostela, Comval Province	7	..
DACICO Wood Industries		Sta. Maria Nabunturan, Comval Province	7	4,200
Davao Panels Enterprises, Inc.		Km. 15, Panacan, Davao City	27	16,488
Lupon Veneers Enterprises		Don Mariano Marcos, Lupon, Davao Oriental	13	..
Mindanao Omega Industries Corp.		Km. 22, Budbud, Bunawan, Davao City	9	5,400
Mintrade Corporation		888 Mintrade Drive, Lanang, Davao City	71	42,450
Peter Helen Wood Industry		Asuncion, Carmen, Davao del Norte	6	3,600
Sindangan Wood Industries		Mainit, Nabunturan, Comval Province	10	6,000
Smart Plywood Industries Inc.,		Brgy. San Juan, Maco, Comval Province	31	18,450
SMWPI Wood Products Inc.		Daliao, Toril, Davao City	7	2,800
Southern Isle Agri Dev't. Ind. Inc.		Pasian, Monkayo, Comval Province	5	3,000
Tagum PPMC Wood Veneer Inc.		Maharlika, Cuambogan, Tagum City	75	45,000
Tagum Trio Lumber Corp.		J & B Compound, Purok 4A, Canocutan, Tagum City	15	9,000
Tagum Woodcore Industries (TWCI)		Magdum, Tagum City	21	12,432
Veneering Master Wood Phil. Corp.		Brgy. Cuambogan, Tagum City	6	3,600
Region 12	<u>1</u>		<u>10</u>	<u>3,000</u>
Pan Asia Wood Industrial Corp.		Taluntalunan, Makilala, Cotabato	10	3,000

Table 2.17 VENEER PLANTS BY REGION: 2014 (concluded)
(DRC and ALR in cubic meter)

Region/Plant	Number	Location	Daily Rated Capacity	Annual Log Requirement
Region 13	<u>30</u>		<u>1,758</u>	<u>725,765</u>
5C Lumber and Construction Supply (formerly AMC Lumber)		Purok-4 , Poblacion Trento, Agusan del Sur	3	3,345
A & V Veneer Manufacturing & Mini - Sawmill		San Vicente, Butuan City	8	6,820
Agusan Plywood corporation		Manapa, Buenavista, Agusan del Norte	23	16,119
Agusan Plywood Corporation		Tomalictic,Talacogon ,Agusan del Sur	65	16,119
Butuan Esperanza Veneer Corp.		Brgy. Amparo, Butuan City	26	26,113
Casilayan Softwood Development Corp.		Sta. Maria, Prosperidad, Agusan del Sur	83	49,998
Casilayan Softwood Development Corp.		Labnig,Talacogon, Agusan del Sur	91	36,399
Coronet Wood Industries		Tagasaka, Hinatuan, Surigao del Sur	30	18,000
CPB (Uprise Wood Ventures & Veneering Plant)		Brgy. Don Mateo, Veruela, Agusan del Sur	8	1,770
ELMO Corporation		Brgy. Mabuhay, Bayugan, Agusan del Sur	7	6,880
Emco Plywood Corporation		Magallanes, Agusan del Norte	453	139,944
EW Dakutan Resources Corp.		Brgy. Dacutan, Esperanza, Agusan del Sur	30	18,000
Golden "C" Agrowood		Bading, Butuan City	10	4,528
Hantex Manufacturing Corp.		Brgy. Canayugan, Bayugan, Agusan del Sur	83	39,999
Industrial Plywood Group Corporation		Agusan Pequeno, Butuan City	130	69,333
JIG's Wood Industry		Brgy. San Nicolas, Talacogon, Agusan del Sur	12	4,672
Orgon Wood Industries		San Vicente, Butuan City	18	10,800
Pan Asia Woodcore Indusrial Products, Inc.		San Vicentel, Bislig, Surigao del Sur	24	9,433
Philippine Softwood Products Inc.		Magallanes, Agusan del Norte	250	150,000
Planters Wood Industries		So. Cabugue, Brgy. Unidos, Tago,Surigao del Sur	8	3,840
Richmond Plywood Corporation		Mahogany, Butuan City	227	10,459
San Salvador Softwood Products, Inc.		San Salvador, Pros., Agusan del Sur	10	6,294
Sinafal Sawmill Company, Inc		Tomalictic,Talacogon, Agusan del Sur	13	9,433
Sta. Josefa Aces Lumber & Veneering Plant		Patrocinio, Sta. Josefa, Agusan del Sur	4	2,158
United Wood Industries Corporation		Km 4, Baan, Butuan City	70	28,000
Unorich Agricultural Products		Brgy. Bilay, Butuan City	4	1,479
Ventura Plywood Phils. Inc.		Lilo, Banza, Butuan City	50	24,094
Wood Station Corporation		Brgy. San Ignacio, Trento, Agusan del Sur	8	5,818
Woodhouse Trade & Industry Corp.		Buenagracia, Talacogon, Agusan del Sur	6	2,717
Zillovia Community Wood Products Talacogon Corp.		Brgy. San Agustin,Talacogon,Agusan del Sur	7	3,201

.. Not available

**Table 2.18 PLYWOOD PLANTS BY REGION: 2014
(DRC and ALR in cubic meter)**

Region/Name of Permittee	Number	Location	Daily Rated Capacity	Annual Log Requirement
Philippines	<u>37</u>		<u>2,514</u>	<u>1,004,888</u>
NCR	4		<u>203</u>	<u>64,273</u>
Hantex Manufacturing Corp.		5122 B. Hao St. Mapulang Lupa, Val. City	20	5,280
Republic Wooden Commodities Mfg. Corp.		917 Susano Ave., Novaliches, Q.C.	33	11,073
Premium Plywood Manufacturing Corp.		6080 C Tatalon St., Kowloon Ind'l. Subd.	30	7,920
Winlex Marketing Corp.		No.30 F. Alarcon St., Brgy. Malabo, Maysun	120	40,000
Region 3	1		<u>42</u>	<u>14,150</u>
Pacific Timber Export Corp. (PATECO)		Malhacan, Meycauayan, Bulacan	42	14,150
Region 4A	1		<u>80</u>	<u>19,200</u>
Mt. Banahaw Wood Ind., Inc.		Sto. Cristo, Sariaya, Quezon	80	19,200
Region 9	1		<u>47</u>	<u>32,791</u>
Mega Plywood Corporation		Brgy. Zambowood, Zamboanga City	47	32,791

Table 2.18 PLYWOOD PLANTS BY REGION: 2014 (continued)
(DRC and ALR in cubic meter)

Region/Name of Permittee	Number	Location	Daily Rated Capacity	Annual Log Requirement
Region 10	<u>8</u>		<u>404</u>	<u>126,739</u>
Asia Pacific Tbr. & Plywood Corp.		Lunao, Gingoog City	50	30,000
Findlay Millar Timber Company		Baybay Tinagsa,Kolambungan,LDN	100	30,000
HCH Wood Corp./Huang Yu-Fu		Gracia Tagoloan, Mis. Oriental	10	6,666
Impasug-ong Furniture Shop		Purok 7,Pob.,Impasug-ong,Bukidnon	10	6,666
Novawood Forest Industries/Sydney S. Dy		Lapasan,Clarin, Mis. Occidental	30	6,000
Timberwood Dev. Corp./Anne Velasco		Mohon,Tagoloan,Mis. Oriental	20	13,332
Union Plywood Corp./Johnny Huan		Molugan,El Salvador, Mis. Oriental	94	7,075
Vicmar Dev. Corp./Juanito Pagcalinawan		Tagoloan,Mis. Oriental	90	27,000
Region 11	<u>12</u>		<u>475</u>	<u>261,695</u>
Ango Wood Industries		Km. 25,Bunawan,Davao City	5	3,000
Baganga Plywood Corp.		Lambajon, Baganga, Davao Or.	120	72,000
C. Alcantara & Sons, Inc.		K.m. 7, Lanang, Davao City	90	54,000
Chaverson Wood Industries Corp.		Quitolao, Mahayag, Davao City	10	2,600
Davao Panels Enterprise Inc.		Km. 15 Panakan, Davao	27	16,488
Forever Richsons Trading Corp.		Mahayag, Bunawan, Davao City	9	5,400
Mindanao Omega Ind. Inc.		Km.22,Budbud,Bunawan,Davao city	9	5,400
Mintrade Corporation		888 Mintrade Drive, Lanang,Davao City	71	24,125
San Manuel Wood Prod., Inc.		Daliao, Toril, Davao City	7	2,800
Smart Plywood Ind. Inc.		Brgy. San Juan, Maco, Comval Prov.	31	18,450
Tagum Premium Plywood Manufacturing Corp.		Purok Maharlika,Cuambungan, Tagum	75	45,000
Tagum Woodcore Industries		Brgy. Magdum,Tagum City	21	12,432

Table 2.18 PLYWOOD PLANTS BY REGION: 2014 (concluded)
(DRC and ALR in cubic meter)

Region/Name of Permittee	Number	Location	Daily Rated Capacity	Annual Log Requirement
Region 13	<u>10</u>		<u>1,263</u>	<u>486,041</u>
Agusan Plywood Corporation		Manapa,Buenavista,Agusan del Norte	65	16,119
Butuan Esperanza Veneer Corp.		Brgy. Amparo,Butuan City	26	26,113
Coronet Wood Industries		Tagasaka,Hinatuan, Surigao del Sur	30	18,000
EMCO Plywood Corp.		Magallanes, Agusan del Norte	453	139,944
Hantex Manufacturing Corp.		Brgy. Canayugan,Bayugan,ADS	83	39,999
Pan Asia Woodcore Industrial Products,Inc.		San Vicente,Bislig City,Surigao del Sur	24	9,433
Philippine Softwood Products Inc.		Magallanes, Agusan del Norte	250	150,000
Richmond Plywood Corp.		Mahogany, Butuan City	227	10,459
United Wood Ind. Corp.		Km. 4, Baan, Butuan City	50	37,987
Ventura Plywood Phils. Inc.		Lilo,Banza,Butuan City	55	37,987

Table 2.19 WOOD-BASED PANEL PLANTS: 2014

Region/Name of Permittee	Number	Location
BLOCKBOARD	<u>8</u>	
Region 3	<u>1</u>	
Pacific Timber Export Corporation		Malhacan, Meycauayan, Bulacan
Region 10	<u>1</u>	
Asia Pacific Timber & Plywood Corp.		Lunao,Gingoog City, Misamis Oriental
Region 11	<u>1</u>	
Forever Richsons Trading Corp.		Quitolao, Mahayag, Bunawan, Davao City
Region 13	<u>5</u>	
Agusan Plywood Corp.		Km. 4,Baan, Butuan City, Agusan del Norte
Butuan Esperanza Veneer Corporation		Brgy. Amparo,Butuan City
Phil. Softwood Products, Inc.		Magallanes, Agusan del Norte
Richmond Plywood		Mahogany,Butuan City,Agusan del Norte
United Wood Industries Corp.		Agusan del Norte
FIBERBOARD	<u>2</u>	
Region 11	<u>1</u>	
Rolex Industrial Corporation		Purok Capricorn,Lasang,Davao City
Region 13	<u>1</u>	
New South Star Manufacturing Corp.		Taguibo, Butuan City

**FIGURE 5. PRODUCTION, EXPORT AND IMPORT
OF MAJOR FOREST PRODUCTS: 1994 - 2014**
(Volume in thousand cubic meters)

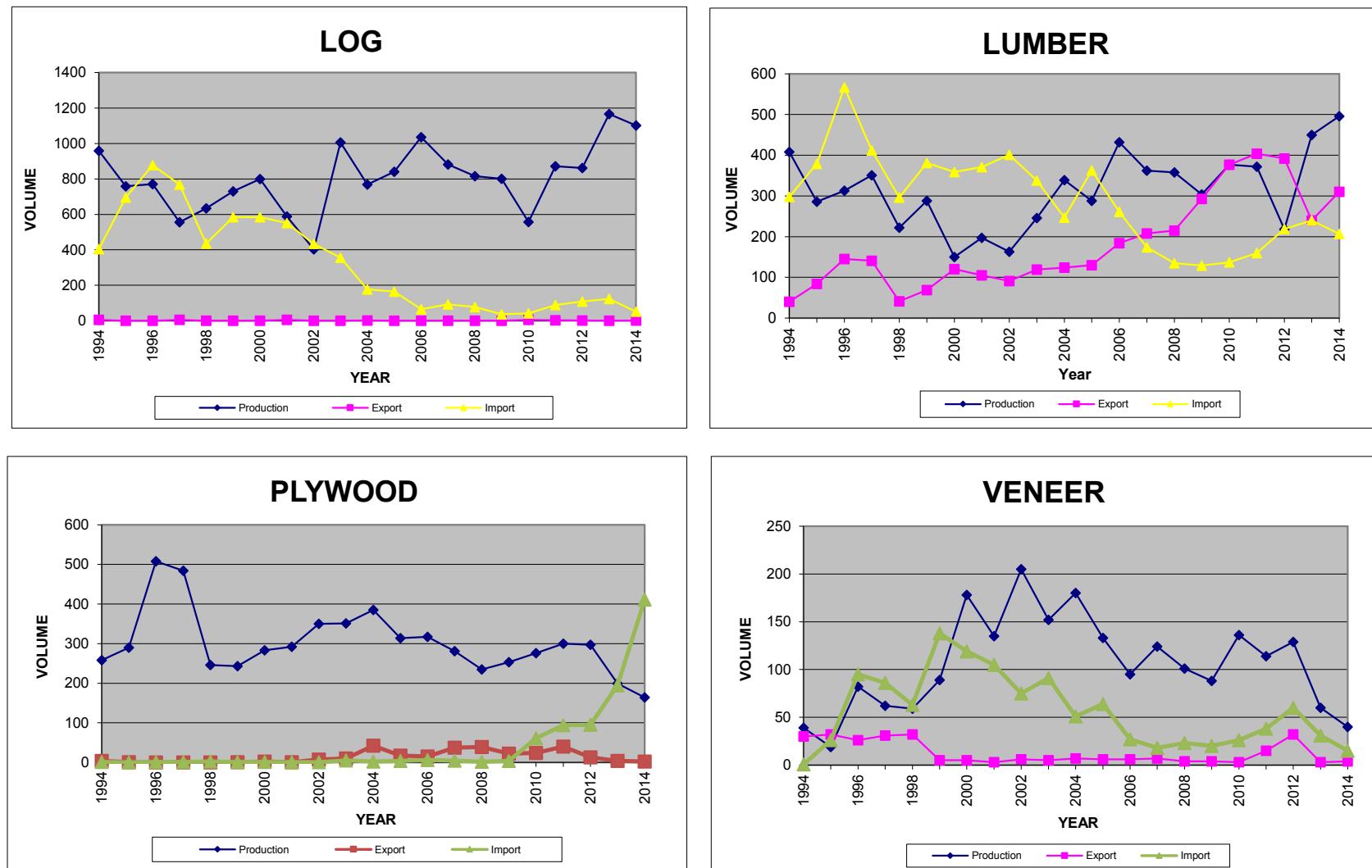


Table 2.20 ROUNDWOOD PRODUCTION : 1994 - 2014
 (In thousand cubic meters)

Year	Grand Total	Log			Fuelwood / Firewood			
		Total	Sawlog/ Veneer Log	Pulpwood	Poles & Piles	Mangrove	Upland	Charcoal
2014	1,551	1,102	631	465	6	-	42	407
2013	1,616	1,166	641	518	7	-	40	410
2012	1,354	862	742	116	4	-	59	433
2011	1,485	871	780	87	4	-	97	517
2010	982	557	518	35	4	-	66	359
2009	1,401	801	689	109	3	-	136	464
2008	1,510	815	474	338	3	-	85	610
2007	1,569	881	648	227	6	-	80	608
2006	1,562	1,035	538	472	25	-	77	450
2005	1,110	841	345	489	7	-	54	215
2004	934	768	410	355	3	-	38	128
2003	689	506	349	151	6	-	39	144
2002	541	403	288	106	9	-	28	110
2001	713	571	319	241	11	-	58	84
2000	912	800	384	400	16	-	33	79
1999	860	730	568	160	2	-	49	81
1998	690	634	546	82	6	-	34	22
1997	593	556	241	312	3	-	25	12
1996	804	771	400	365	6	-	33	.. ^{1/}
1995	868	758	589	167	2	-	105	5
1994	1,063	957	805	149	3	-	104	2

1/ - Including charcoal

.. Not available

Table 2.21 MONTHLY LOG PRODUCTION BY PROVINCE: 2014
(In cubic meter)

Region\Province	Total	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Philippines	1,102,365	97,009	113,312	156,560	123,344	110,190	102,240	104,587	67,836	67,740	57,148	61,636	40,761
CAR	1,257	57	188	129	258	133	161	73	54	77	85	27	13
Abra	247	20	-	-	127	16	26	31	22	5	-	-	-
Apayao	317	11	-	-	78	55	122	23	17	10	2	-	-
Benguet	352	26	91	73	17	54	14	19	16	5	19	5	11
Ifugao	319	-	97	55	23	-	-	-	-	56	64	22	3
Kalinga	21	-	-	-	14	8	-	-	-	-	-	-	-
Region 1	2,157	194	261	199	171	265	156	140	155	143	164	190	119
Ilocos Norte	330	13	13	28	31	41	32	25	24	9	65	24	25
Ilocos Sur	282	39	95	18	8	48	16	12	3	8	5	29	-
La Union	524	54	55	56	67	46	49	19	43	32	36	35	31
Pangasinan	1,021	88	97	97	64	130	59	84	85	94	58	102	62
Region 2	2,480	452	166	57	41	37	221	248	155	23	3	389	687
Cagayan	208	70	17	19	26	-	24	19	5	23	3	-	-
Nueva Vizcaya	988	382	127	13	15	25	165	131	130	-	-	-	-
Quirino	1,285	-	22	25	-	12	31	98	20	-	-	389	687
Region 3	4,676	747	627	602	545	42	322	672	511	46	69	59	433
Bataan	280	-	-	-	-	34	66	165	-	-	-	-	14
Bulacan	1,333	-	-	-	489	-	-	178	489	-	59	59	59
Nueva Ecija	22	-	-	-	-	-	-	-	1	19	2	-	-
Tarlac	3,004	733	627	602	56	8	257	329	22	4	7	-	360
Zambales	37	14	-	-	-	-	-	-	-	23	-	-	-
Region 4A	5,979	468	278	416	213	193	493	275	389	640	1,254	870	490
Batangas	499	40	42	81	50	66	66	31	27	71	3	15	7
Cavite	5	-	-	-	-	5	-	-	-	-	-	-	-
Laguna	2,453	194	39	26	61	15	295	47	164	443	535	436	199
Quezon	3,022	234	197	309	103	106	132	197	198	126	716	419	284

Table 2.21 MONTHLY LOG PRODUCTION BY PROVINCE: 2014 (continued)
(In cubic meter)

Region\Province	Total	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Region 5	<u>762</u>	<u>32</u>	<u>7</u>	<u>0</u>	<u>86</u>	<u>63</u>	<u>12</u>	<u>116</u>	<u>61</u>	<u>195</u>	<u>90</u>	<u>69</u>	<u>32</u>
Albay	238	-	-	-	82	-	12	2	13	65	34	29	-
Camarines Norte	59	-	-	-	-	-	-	-	7	2	41	6	3
Camarines Sur	250	21	-	-	-	15	-	-	28	120	4	33	28
Catanduanes	127	-	-	-	3	-	-	113	1	-	9	-	-
Sorsogon	88	11	7	-	-	48	-	1	11	8	2	-	-
Region 6	<u>34,084</u>	<u>2,883</u>	<u>3,350</u>	<u>4,219</u>	<u>2,392</u>	<u>3,370</u>	<u>2,937</u>	<u>2,504</u>	<u>3,505</u>	<u>3,189</u>	<u>2,004</u>	<u>2,284</u>	<u>1,446</u>
Aklan	3,173	175	444	551	55	529	189	373	205	123	241	289	-
Antique	483	17	34	50	45	15	53	66	31	24	-	97	51
Capiz	11,623	141	1,063	757	710	908	1,165	1,050	1,681	1,749	857	821	722
Guimaras	847	103	39	9	9	29	40	33	145	162	70	128	81
Iloilo	4,862	644	693	730	315	272	300	353	541	353	205	349	107
Negros Occidental	13,097	1,803	1,078	2,122	1,259	1,616	1,190	630	902	779	632	600	486
Region 7	<u>6,067</u>	<u>262</u>	<u>395</u>	<u>468</u>	<u>325</u>	<u>288</u>	<u>254</u>	<u>1,174</u>	<u>1,118</u>	<u>1,324</u>	<u>169</u>	<u>178</u>	<u>112</u>
Cebu	3,372	262	395	468	306	288	193	411	295	464	74	130	88
Negros Oriental	2,579	-	-	-	20	-	61	763	816	751	96	48	24
Siquijor	116	-	-	-	-	-	-	-	7	109	-	-	-
Region 8	<u>77,233</u>	<u>8,867</u>	<u>10,400</u>	<u>56,046</u>	<u>202</u>	<u>142</u>	<u>147</u>	<u>216</u>	<u>360</u>	<u>0</u>	<u>106</u>	<u>497</u>	<u>251</u>
Biliran	74,745	8,640	10,155	55,705	122	27	96	-	-	-	-	-	-
Leyte	1,026	50	122	94	80	114	-	-	-	-	106	277	183
Southern Leyte	1,462	177	123	247	-	-	51	216	360	-	-	220	68
Region 9	<u>58,924</u>	<u>3,725</u>	<u>6,606</u>	<u>7,461</u>	<u>7,698</u>	<u>6,604</u>	<u>682</u>	<u>6,924</u>	<u>6,683</u>	<u>5,487</u>	<u>852</u>	<u>5,362</u>	<u>841</u>
Zamboanga City	578	21	50	72	18	137	74	-	-	-	91	62	52
Zamboanga del Norte	55,358	3,636	6,406	7,233	7,370	6,215	133	6,599	6,385	5,348	433	5,024	575
Zamboanga del Sur	1,640	-	-	-	120	40	280	243	260	93	288	211	105
Zamboanga Sibugay	1,348	67	151	155	190	213	194	82	39	45	40	65	108

Table 2.21 MONTHLY LOG PRODUCTION BY PROVINCE: 2014 (concluded)
(In cubic meter)

Region\Province	Total	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Region 10	<u>77,350</u>	<u>13,061</u>	<u>7,756</u>	<u>8,628</u>	<u>12,831</u>	<u>10,595</u>	<u>8,754</u>	<u>3,746</u>	<u>3,062</u>	<u>3,687</u>	<u>2,215</u>	<u>1,687</u>	<u>1,329</u>
Bukidnon	41,813	374	550	5,514	10,362	10,312	8,601	1,361	1,486	2,754	204	294	-
Camiguin	700	13	88	90	93	108	63	-	-	-	218	23	3
Lanao del Norte	9,499	716	1070	1295	2067	-	-	1,819	1,197	631	-	405	300
Misamis Occidental	20,212	11,789	5,734	1,112	-	-	-	100	110	134	310	562	360
Misamis Oriental	5,127	168	315	617	309	176	90	466	269	168	1482	402	666
Region 11	<u>45,980</u>	<u>4,397</u>	<u>4,665</u>	<u>8,189</u>	<u>4,976</u>	<u>3,939</u>	<u>6,494</u>	<u>2,291</u>	<u>2,376</u>	<u>6,561</u>	<u>1,148</u>	<u>654</u>	<u>291</u>
Compostela Valley	21,179	1,727	1,462	4,737	2,904	2,583	1,800	1,366	1,285	2,789	527	-	-
Davao del Norte	3,463	478	332	574	470	297	713	119	160	223	97	-	-
Davao del Sur	4,873	271	278	345	382	554	542	553	409	606	350	501	83
Davao Oriental	16,464	1,921	2,593	2,533	1,220	506	3,439	254	521	2,943	174	152	208
Region 12	<u>19,691</u>	<u>2,141</u>	<u>1,521</u>	<u>1,093</u>	<u>1,536</u>	<u>1,158</u>	<u>2,541</u>	<u>2,227</u>	<u>1,981</u>	<u>1,750</u>	<u>1,764</u>	<u>1,331</u>	<u>648</u>
Cotabato	9,777	834	850	589	637	851	1,094	1,102	942	900	948	716	314
Sarangani	578	402	176	-	-	-	-	-	-	-	-	-	-
South Cotabato	7,077	791	355	399	781	-	1,147	795	654	603	603	616	334
Sultan Kudarat	2,258	114	140	105	117	306	301	330	385	248	213	-	-
Region 13	<u>765,725</u>	<u>59,724</u>	<u>77,093</u>	<u>69,056</u>	<u>92,070</u>	<u>83,361</u>	<u>79,066</u>	<u>83,981</u>	<u>47,423</u>	<u>44,619</u>	<u>47,225</u>	<u>48,037</u>	<u>34,070</u>
Agusan del Norte	35,803	1,706	2,571	1,961	2,116	7,383	2,729	6,232	1,092	1,640	2,424	2,183	3,767
Agusan del Sur	481,855	37,830	53,630	46,206	59,657	50,873	51,242	50,000	29,869	23,891	31,173	28,185	19,299
Surigao del Norte	25,562	2,228	4,204	3,674	2,534	2,604	2,625	3,051	2,786	1,355	-	502	-
Surigao del Sur	222,504	17,960	16,689	17,214	27,762	22,502	22,471	24,698	13,677	17,734	13,628	17,167	11,004

Source: DENR Regional Reports
Details may not add up to total due to rounding

**Table 2.22 LOG PRODUCTION BY TYPE OF TIMBER LICENSE/PERMIT: 2014
(In cubic meter)**

Region	Total			PTPOC			SCP			CBFM/CADC		
	Total	Naturally Grown	Planted	Total	Naturally Grown	Planted	Total	Naturally Grown	Planted	Total	Naturally Grown	Planted
Philippines	1,102,365	3,201	1,099,163	800,422	-	800,422	509	-	509	51,749	-	51,749
CAR	1,257	182	1,075	87	-	87	-	-	-	-	-	-
Region 1	2,157	-	2,157	-	-	-	-	-	-	-	-	-
Region 2	2,480	7	2,473	1,284	-	1,284	3	-	3	-	-	-
Region 3	4,676	-	4,676	-	-	-	397	-	397	-	-	-
Region 4A	5,979	-	5,979	-	-	-	-	-	-	-	-	-
Region 5	762	14	749	79	-	79	74	-	74	-	-	-
Region 6	34,084	-	34,084	322	-	322	-	-	-	-	-	-
Region 7	6,067	-	6,067	-	-	-	-	-	-	-	-	-
Region 8	77,233	-	77,233	5,051	-	5,051	35	-	35	43,816	-	43,816
Region 9	58,924	285	58,639	-	-	-	-	-	-	5,014	-	5,014
Region 10	77,350	-	77,350	-	-	-	-	-	-	-	-	-
Region 11	45,980	-	45,980	45,217	-	45,217	-	-	-	104	-	104
Region 12	19,691	-	19,691	-	-	-	-	-	-	-	-	-
Region 13	765,725	2,714	763,011	748,382	-	748,382	-	-	-	2,815	-	2,815

**Table 2.22 LOG PRODUCTION BY TYPE OF TIMBER LICENSE/PERMIT: 2014
(In cubic meter)**

Region	PLTP			SMF/CV			IFMA			Others ^{1/}		
	Total	Naturally Grown	Planted	Total	Naturally Grown	Planted	Total	Naturally Grown	Planted	Total	Naturally Grown	Planted
Philippines	63	2	61	159,167	-	159,167	86,013	2,999	83,014	4,441	201	4,240
CAR	63	2	61	662	-	662	-	-	-	445	180	265
Region 1	-	-	-	2,133	-	2,133	24	-	24	-	-	-
Region 2	-	-	-	-	-	-	-	-	-	1,192	7	1,185
Region 3	-	-	-	2,644	-	2,644	-	-	-	1,635	-	1,635
Region 4A	-	-	-	5,979	-	5,979	-	-	-	-	-	-
Region 5	-	-	-	290	-	290	-	-	-	320	14	306
Region 6	-	-	-	33,762	-	33,762	-	-	-	-	-	-
Region 7	-	-	-	6,042	-	6,042	-	-	-	25	-	25
Region 8	-	-	-	2,697	-	2,697	25,567	-	25,567	67	-	67
Region 9	-	-	-	8,015	-	8,015	45,895	285	45,610	-	-	-
Region 10	-	-	-	77,350	-	77,350	-	-	-	-	-	-
Region 11	-	-	-	659	-	659	-	-	-	-	-	-
Region 12	-	-	-	18,934	-	18,934	-	-	-	757	-	757
Region 13	-	-	-	-	-	-	14,528	2,714	11,814	-	-	-

1/ Tree Cutting Permit, Muyong Resource Permit, SPLTP, Wood Resource Permit , CTO

**Table 2.23 PRODUCTION OF NATURALLY GROWN AND PLANTED LOGS BY REGION BY END USE: 2014
(In cubic meter)**

Region	Grand Total	Total		Sawlog/Veneer log		Pulpwood	Poles and Piles
		Naturally Grown	Planted	Naturally Grown	Planted	Planted	Planted
Philippines	1,102,365	3,201	1,099,163	3,201	627,823	465,285	6,055
CAR	1,257	182	1,075	182 ^{1/}	1,075	-	-
Region 1	2,157	-	2,157	-	2,149	-	8
Region 2	2,480	7	2,473	7	2,473	-	-
Region 3	4,676	-	4,676	-	4,676	-	-
Region 4A	5,979	-	5,979	-	5,979	-	-
Region 5	762	14	749	14 ^{2/}	746	-	3
Region 6	34,084	-	34,084	-	33,965	-	119
Region 7	6,067	-	6,067	-	5,143	-	924
Region 8	77,233	-	77,233	-	77,233	-	-
Region 9	58,924	285	58,639	285 ^{3/}	58,639	-	-
Region 10	77,350	-	77,350	-	77,350	-	-
Region 11	45,980	-	45,980	-	39,432	4,394	2,153
Region 12	19,691	-	19,691	-	17,047	-	2,644
Region 13	765,725	2,714	763,011	2,714 ^{3/}	301,916	460,891	204

1/ coniferous species

2/ cut within private lands and subjected to clearance/permit issued by the Office of the Undersecretary for Field Operations.

3/ The cutting/harvesting of naturally grown trees was allowed within the degraded residual forest of IFMA holders per

Anti Illegal Logging Task Force Resolution No. 2011-005 and subjected to clearance issued by the Office of the Undersecretary for Field Operations.

**Table 2.24 LOG PRODUCTION BY SPECIES: 2014
(In cubic meters)**

Species	Philippines	CAR	R-1	R-2	R-3	R-4A	R-5	R-6	R-7	R-8	R-9	R-10	R-11	R-12	R-13
Total	1,102,365	1,257	2,157	2,480	4,676	5,979	762	34,084	6,067	77,233	58,924	77,350	45,980	19,691	765,725
Acacia (<i>Samanea saman</i>)	2,393	4	300	18	255	17	58	1,135	36	14	-	-	30	391	135
Bagras (<i>Eucalyptus deglupta</i>)	7,103	-	-	-	-	-	3	-	-	2	1,820	135	1,482	1,365	2,295
Benguet Pine (<i>Pinus kesiya</i>)	670	325	-	-	-	-	-	-	-	-	-	39	222	-	84
Eucalyptus (<i>Eucalyptus globulus</i>)	553	1	0.4	-	21	-	-	434	97	-	-	-	-	-	-
Falcata (<i>Paraserianthes falcataria</i>)	743,687	-	-	-	-	-	-	19	4	905	5,339	56,612	27,015	4,202	649,590
Gubas (<i>Endospermum peltatum</i>)	4,533	-	-	-	-	-	-	-	-	-	-	-	-	-	4,533
Ipil-ipil (<i>Leucaena leucocephala</i>)	3,195	-	13	1	0.2	-	-	258	107	20	2	131	1,564	1,044	56
Mahogany (<i>Swietenia macrophylla</i>)	55,750	120	792	72	667	3,410	167	17,718	2,573	925	4,136	17,072	2,418	2,350	3,332
Mangium (<i>Acacia mangium</i>)	111,566	-	-	-	-	-	-	2,673	210	51,527	12,907	346	329	23	43,551
Para Rubber (<i>Hevea brasiliensis</i>)	6,081	1	-	-	-	-	-	-	-	-	45	-	2,954	760	2,320
Yemane (<i>Gmelina arborea</i>)	110,397	685	439	2,348	586	2,057	178	8,281	2,681	23,762	34,016	2,220	7,611	8,565	16,968
Others	56,438	122	612	41	3,147	495	356	3,566	360	79	659	794	2,354	992	42,861

Source: DENR Regional Reports

Table 2.25 PRODUCTION OF PROCESSED WOOD PRODUCTS: 1994 - 2014
 (In thousand cubic meters)

Year	Lumber	Veneer	Plywood	Fiberboard	Particleboard	Blockboard
2014	496	40	164	22	..	49
2013	450	60	199	13	..	58
2012	218	129	297	5	..	22
2011	372	114	300	2	..	42
2010	377	136	276	5	..	37
2009	304	88	253	12	..	42
2008	358	101	235	10	..	42
2007	362	124	281	6	..	56
2006	432	95	317	5	..	62
2005	288	133	314	8	..	62
2004	339	180 ^{1/}	386	..	..	55
2003	246	152 ^{1/}	351	7	..	59
2002	163	172 ^{1/}	350	4	..	45
2001	197	135 ^{1/}	292	5	..	54
2000	151	178	286	..	..	40
1999	288	89	244	..	..	25
1998	222	59	246	..	..	35
1997	351	62	484	..	4	27
1996	313	82	508	..	..	28
1995	286	19	290	..	..	..
1994	407	39	258	..	..	122

.. Not available

1/ revised

Table 2.26 MONTHLY LUMBER PRODUCTION BY PROVINCE: 2014
(In cubic meter)

Region/Province	Total	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Philippines	496,296	103,441	43,460	40,580	98,987	31,272	34,175	21,878	24,831	44,720	21,080	20,231	11,641
NCR	11,968	865	1,658	1,241	1,288	-	950	983	1,512	929	594	670	1,278
Metro Manila	11,968	865	1,658	1,241	1,288	-	950	983	1,512	929	594	670	1,278
CAR	947	54	58	116	177	119	133	72	35	35	86	32	30
Abra	188	-	-	13	77	32	19	25	17	4	-	-	-
Apayao	264	7	-	-	58	41	89	26	5	8	2	13	16
Benguet	290	41	58	47	27	35	19	21	13	4	15	3	7
Ifugao	154	7	-	56	2	-	-	-	-	18	65	6	-
Kalinga	30	-	-	-	9	7	-	-	-	-	4	11	-
Mt. Province	21	-	-	-	5	4	6	-	-	-	-	-	6
Region 2	1,007	309	106	28	29	18	120	140	108	-	108	40	-
Cagayan	100	42	17	19	18	-	4	-	-	-	-	-	-
Isabela	61	-	-	-	-	-	-	61	-	-	-	-	-
Nueva Vizcaya	845	267	89	9	11	18	116	79	108	-	108	40	-
Region 4A	13,019	-	1,162	946	1,107	1,800	2,585	2,885	2,533	-	-	-	-
Cavite	13,019	-	1,162	946	1,107	1,800	2,585	2,885	2,533	-	-	-	-
Region 5	11,804	312	108	50	73	92	10	183	118	10,487	77	135	160
Albay	10,598	33	6	-	-	-	-	2	37	10,444	25	51	-
Camarines Norte	306	1	59	1	26	11	-	84	53	4	29	14	25
Camarines Sur	481	71	43	22	26	34	7	19	25	16	20	63	135
Catanduanes	5	-	-	-	3	1	-	-	-	-	-	-	-
Masbate	229	169	-	28	6	10	3	1	3	-	2	7	-
Sorsogon	185	38	-	-	10	36	-	78	-	23	-	-	-
Region 6	21,792	1,651	2,020	2,796	1,417	2,138	1,808	1,586	2,342	2,031	1,334	1,461	1,208
Aklan	1,993	105	266	331	33	318	114	221	125	74	148	228	32
Antique	222	10	20	30	27	9	29	51	31	15	-	-	-
Capiz	7,391	85	642	762	424	639	709	610	1,014	1,054	517	493	442
Guimaras	508	62	23	5	5	17	24	20	87	97	42	77	49
Iloilo	3,740	307	422	447	190	201	171	291	533	312	247	303	316
Negros Occidental	7,938	1,082	647	1,221	738	955	762	394	551	480	379	360	369

Table 2.26 MONTHLY LUMBER PRODUCTION BY PROVINCE: 2014 (concluded)
(In cubic meter)

Region/Province	Total	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Region 7	11,760	1,164	1,436	1,410	1,333	1,226	846	656	727	852	772	646	692
Cebu	3,055	305	394	418	378	313	232	181	154	238	192	146	103
Negros Oriental	7,831	768	940	898	823	832	524	475	568	512	530	413	547
Siquijor	874	91	101	93	132	81	91	-	5	101	50	86	42
Region 9	467	-	-	-	-	33	-	-	33	154	248	-	-
Zamboanga del Norte	467	-	-	-	-	33	-	-	33	154	248	-	-
Region 10	200,788	16,395	28,622	26,913	44,933	16,650	15,890	5,397	7,091	16,832	8,617	8,184	5,264
Misamis Oriental	200,788	16,395	28,622	26,913	44,933	16,650	15,890	5,397	7,091	16,832	8,617	8,184	5,264
Region 11	149,991	79,589	2,931	3,617	43,092	1,940	8,115	4,333	1,674	3,901	733	34	34
Compostela Valley	11,135	1,036	379	2,421	1,204	887	654	1,038	950	2,489	79	-	-
Davao del Norte	11,814	345	490	437	1,204	362	6,812	505	354	731	575	-	-
Davao del Sur	124,964	78,036	1,839	707	40,124	365	322	2,790	370	386	24	-	-
Davao Oriental	2,077	172	223	51	560	326	326	-	-	295	55	34	34
Region 12	5,537	749	571	355	219	581	630	500	423	612	689	88	120
Cotabato	3,845	713	445	318	28	378	432	261	225	413	524	37	71
Sarangani	1,327	-	58	17	161	170	158	191	167	167	138	51	48
Sultan Kudarat	366	36	68	21	30	33	41	48	30	32	27	-	-
Region 13	67,216	2,353	4,788	3,108	5,320	6,677	3,087	5,143	8,235	8,887	7,822	8,940	2,856
Agusan del Norte	46,963	1,557	3,843	1,615	3,470	4,856	1,083	3,335	6,144	6,750	6,039	6,764	1,509
Agusan del Sur	18,489	705	783	1,284	1,701	1,530	1,784	1,646	1,832	1,917	1,783	2,176	1,347
Surigao del Sur	1,764	91	163	209	149	290	220	162	259	220	-	-	-

Table 2.27 LUMBER PRODUCTION BY TYPE OF SAWMILL AND BY PROVINCE: 2014
(In cubic meter)

Region/Province	Total	Type of Sawmill			
		Regular w/Tbr. Concession	Regular w/o Tbr. Concession	Mini	Others
Philippines	<u>496,296</u>	<u>31</u>	<u>75,085</u>	<u>226,646</u>	<u>194,534</u>
NCR	11,968	-	11,968	-	-
Metro Manila	11,968	-	11,968	-	-
CAR	947	-	-	-	947
Abra	188				188
Apayao	264	-	-	-	264
Benguet	290	-	-	-	290
Ifugao	154	-	-	-	154
Kalinga	30	-	-	-	30
Mt. Province	21	-	-	-	21
Region 2	1,007	-	-	-	1,007
Cagayan	100	-	-	-	100
Isabela	61	-	-	-	61
Nueva Vizcaya	845	-	-	-	845
Region 4A	13,019	-	13,019	-	-
Cavite	13,019	-	13,019	-	-

Table 2.27 LUMBER PRODUCTION BY TYPE OF SAWMILL AND BY PROVINCE: 2014 (continued)
(In cubic meter)

Region/Province	Total	Type of Sawmill			
		Regular w/Tbr. Concession	Regular w/o Tbr. Concession	Mini	Others
Region 5	11,804	-	-	-	11,804
Albay	10,598	-	-	-	10,598
Camarines Norte	305	-	-	-	305
Camarines Sur	481	-	-	-	481
Catanduanes	5				5
Masbate	229	-	-	-	229
Sorsogon	185				185
Region 6	21,792	-	-	-	21,792
Aklan	1,994	-	-	-	1,994
Antique	222	-	-	-	222
Capiz	7,391	-	-	-	7,391
Guimaras	508	-	-	-	508
Iloilo	3,740	-	-	-	3,740
Negros Occidental	7,938	-	-	-	7,938
Region 7	11,760	31	-	-	11,729
Bohol	-	-	-	-	-
Cebu	3,055	-	-	-	3,055
Negros Oriental	7,831	31	-	-	7,800
Siquijor	874	-	-	-	874
Region 9	467	-	-	467	-
Zamboanga del Norte	467	-	-	467	-

Table 2.27 LUMBER PRODUCTION BY TYPE OF SAWMILL AND BY PROVINCE: 2014 (concluded)
(In cubic meter)

Region/Province	Total	Type of Sawmill			
		Regular w/Tbr. Concession	Regular w/o Tbr. Concession	Mini	Others
Region 10	200,788	-	1,389	192,129	7,271
Bukidnon	-	-			-
Misamis Occidental	-	-			-
Misamis Oriental	200,788	-	1,389	192,129	7,271
Region 11	149,991	-	6,656	16,682	126,653
Compostela Valley	11,135	-		10,332	803
Davao del Norte	11,814	-	6,655	5,159	-
Davao del Sur	124,964	-	1	896	124,067
Davao Oriental	2,077	-		294	1,783
Region 12	5,537	-	-	1,697	3,840
Cotabato	3,845	-	-	1,331	2,514
Sarangani	1,327	-	-	-	1,327
South Cotabato	-	-	-	-	-
Sultan Kudarat	366	-	-	366	-
Region 13	67,216	-	42,053	15,672	9,492
Agusan del Norte	46,963	-	36,861	10,061	41
Agusan del Sur	18,489	-	3,460	5,611	9,418
Surigao del Sur	1,764	-	1,731	-	33

Table 2.28 MONTHLY VENEER PRODUCTION BY REGION: 2014
 (In cubic meter)

Region	Total	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
Philippines	39,774	3,065	4,655	3,779	5,282	3,525	3,586	3,759	1,911	3,126	3,017	1,996	2,073
Region 11	8,772	270	1,054	959	765	1,251	1,298	1,264	315	883	713	-	-
Region 12	2,010	249	174	349	224	174	81	75	124	75	224	224	37
Region 13	28,992	2,546	3,427	2,471	4,293	2,100	2,207	2,420	1,472	2,168	2,080	1,772	2,036

Table 2.29 MONTHLY PLYWOOD PRODUCTION BY REGION: 2014
 (In cubic meter)

Region	Total	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
Philippines	163,903	12,087	15,947	13,686	12,662	11,316	7,775	15,509	14,716	14,662	20,184	15,747	9,612
NCR	10,582	1,443	1,144	1,294	772	275	236	1,528	1,465	314	874	540	697
Region 4A	2,611	345	462	187	18	65	30	39	172	61	757	100	375
Region 9	13,557	1,171	1,171	679	554	595	-	501	937	1,158	4,919	980	892
Region 10	6,419	839	662	-	828	-	-	-	-	-	1,413	560	2,117
Region 11	28,308	1,171	3,582	2,770	3,501	2,053	626	3,790	2,390	2,817	2,313	1,690	1,605
Region 13	102,426	7,118	8,926	8,756	6,989	8,328	6,883	9,651	9,752	10,312	9,908	11,877	3,926

Table 2.30 PRODUCTION OF NON-TIMBER FOREST PRODUCTS : 1994 - 2014
(In thousands)

Year	Almaciga Resin (k)	Anahaw Leaves (pc)	Anahaw Poles (pc)	Buri Bamboo (pc)	Buri Midribs (k)	Elemi (k)	Hingiw (k)	Nipa Leaves (pc)	Nipa Shingles (pc)	Diliman & Other Vines (pc)	Salago fiber (k)	Split Rattan (k)	Unsplit Rattan (lm)
2014	407	171	32	1,136	-	-	-	64	4,341	-	496	129	2,465
2013	509	37	17	1,428	-	-	-	37	8,317	-	503	141	2,524
2012	672	49	26	1,143	15	-	-	60	11,224	-	479	182	2,711
2011	678	146	25	1,101	22	-	-	377	14,248	2	...	35	4,515
2010	599	372	30	929	31	-	-	509	13,276	1	...	3	3,757
2009	525	153	29	988	8	-	-	596	15,938	39	...	34	3,102
2008	248	196	34	872	10	-	-	672	13,161	3	...	18	5,151
2007	255	303	41	1,528	-	-	-	560	17,150	65	...	14	4,886
2006	168	155	21	979	3	-	-	248	11,869	40	...	5	9,773
2005	51	133	306	865	1	-	-	4	10,340	56	...	13	12,970
2004	368	100	43	204	-	-	-	-	10,036	2	...	17	16,074
2003	292	54	16	293	12	-	4	-	11,879	46	...	1	9,079
2002	521	94	4	417	48	-	-	-	11,099	68	...	-	6,641
2001	520	121	8	537	78	-	-	-	12,093	64	...	25	8,767
2000	518	29	17	2,337	11	-	-	-	11,065	54	788	97	32,336
1999	298	293	-	984	-	-	-	-	12,745	47	695	48	15,552
1998	261	19	-	448	2	-	-	-	6,745	-	749	5	10,463
1997	310	34	-	163	2	-	-	-	4,899	33	770	2	19,519
1996	890	10	-	627	15	13	-	-	8,429	381	830	17	24,613
1995	1,059	14	-	307	42	-	2	101	8,332	66	943	24	17,457
1994	1,231	10	-	360	-	-	-	-	6,283	90	819	4	19,088

Source for salago fiber: Fiber Industry Development Authority

... No reported data

- No production

Table 2.31 PRODUCTION OF SELECTED NON-TIMBER FOREST PRODUCTS BY REGION: 2014

Region/Province	Almaciga Resin (kilo)	Anahaw Leaves (piece)	Anahaw Poles (piece)	Bamboo Poles (piece)	Nipa Leaves (piece)	Nipa Shingles (piece)	Split Rattan (kilo)	Unsplit Rattan (lm)
Philippines	407,479	170,714	31,588	1,135,515	64,000	4,341,124	128,842	2,465,225
CAR	-	-	-	12,411	-	-	-	128,400
Abra	-	-	-	4,480	-	-	-	-
Apayao	-	-	-	3,720	-	-	-	128,400
Benguet	-	-	-	4,211	-	-	-	-
Region 1	-	-	-	677,199	-	-	-	-
Ilocos Norte	-	-	-	220	-	-	-	-
Ilocos Sur	-	-	-	4,272	-	-	-	-
La Union	-	-	-	59,003	-	-	-	-
Pangasinan	-	-	-	613,704	-	-	-	-
Region 2	-	-	-	-	-	190,000	-	386,213
Cagayan	-	-	-	-	-	190,000	-	248,000
Isabela	-	-	-	-	-	-	-	40,013
Quirino	-	-	-	-	-	-	-	98,200
Region 3	-	-	-	73,299	-	-	-	-
Tarlac	-	-	-	73,299	-	-	-	-
Region 4A	-	600	24,405	179,924	64,000	236,800	-	-
Batangas	-	-	-	115,874	-	-	-	-
Laguna	-	-	2,040	4,250	-	-	-	-
Quezon	-	600	22,365	59,800	64,000	236,800	-	-

Table 2.31 PRODUCTION OF SELECTED NON-TIMBER FOREST PRODUCTS BY REGION: 2014 (continued)

Table 2.31 PRODUCTION OF SELECTED NON-TIMBER FOREST PRODUCTS BY REGION: 2014 (concluded)

Region/Province	Almaciga Resin (kilo)	Anahaw Leaves (piece)	Anahaw Poles (piece)	Bamboo Poles (piece)	Nipa Leaves (piece)	Nipa Shingles (piece)	Split Rattan (kilo)	Unsplit Rattan (lm)
Region 11	-	-	-	28,886	-	-	-	192,050
Compostela Valley	-	-	-	13,500	-	-	-	-
Davao del Sur	-	-	-	15,386	-	-	-	-
Davao Oriental	-	-	-	-	-	-	-	192,050
Region 12	-	-	-	136,071	-	-	-	13,056
Cotabato	-	-	-	1,490	-	-	-	-
Sarangani	-	-	-	3,247	-	-	-	3,000
South Cotabato	-	-	-	130,414	-	-	-	10,056
Sultan Kudarat	-	-	-	920	-	-	-	-
Region 13	-	-	-	-	-	26,000	128,842	831,390
Agusan del Sur	-	-	-	-	-	-	128,842	831,390
Surigao del Norte	-	-	-	-	-	26,000	-	-

TABLE 2.32 ESTIMATED LOGGING WASTES AND RESIDUES: 1994 - 2014
(In thousand cubic meters)

Year	Total	Damaged Residual	Tops & Branches	Stumps	Abandoned Logs	Butt Trimmings
2014	182	49	73	48	9	2
2013	192	52	77	51	10	2
2012	142	38	57	38	7	2
2011	144	39	58	38	7	2
2010	92	25	37	24	5	1
2009	133	36	53	35	7	2
2008	134	36	54	35	7	2
2007	145	39	59	38	7	2
2006	171	46	69	45	9	2
2005	138	37	56	37	7	1
2004	126	34	51	33	6	2
2003	68	22	19	22	4	1
2002	66	18	27	17	3	1
2001	97	26	39	26	5	1
2000	131	35	53	34	7	2
1999	120	32	49	32	6	1
1998 ^{1/}	104	28	42	28	5	1
1997	444	222	149	45	17	11
1996	617	308	208	63	23	15
1995	611	305	206	61	23	16
1994	766	382	258	78	29	19

Note: 1997 figures were based on the results of the Forest Products Research and Development Institute (FPRDI) study on Logging Wastes and Residues conducted in the late '70s.

^{1/} 1998 figure was based on the 1997 study of the FPRDI

**Table 2.33 ESTIMATED VOLUME OF LOGGING WASTES AND RESIDUES BY REGION: 2014
(In cubic meter)**

Region	Total	Damaged Residual	Tops	Branches & Limbs	Stumps	Abandoned Logs	Butt Trimmings
Philippines	181,670	48,945	42,441	30,866	47,953	9,260	2,205
CAR	207	56	48	35	55	11	3
Region 1	355	96	83	60	94	18	4
Region 2	409	110	95	69	108	21	5
Region 3	771	208	180	131	203	39	9
Region 4A	985	265	230	167	260	50	12
Region 5	126	34	29	21	33	6	2
Region 6	5,617	1,513	1,312	954	1,483	286	68
Region 7	1,000	269	234	170	264	51	12
Region 8	12,728	3,429	2,973	2,163	3,360	649	154
Region 9	9,711	2,616	2,269	1,650	2,563	495	118
Region 10	12,747	3,434	2,978	2,166	3,365	650	155
Region 11	7,578	2,042	1,770	1,287	2,000	386	92
Region 12	3,245	874	758	551	857	165	39
Region 13	126,191	33,998	29,480	21,440	33,309	6,432	1,531

Note: Figures are based on the results of the FPRDI study on Logging Wastes and Residues conducted in 1997.

FOREIGN TRADE

Table 3.01 ROUNDWOOD EXPORTS: 1994 - 2014
(Volume in thousand cubic meters, value in thousand US\$, FOB)

Year	Log								Fuelwood	
	Total		Sawlog/Veneer		Poles & Piles		Pulpwood			
	Volume	Value	Volume	Value	Volume	Value	Volume	Value	Volume	Value
2014	2	393	a	37	-	-	2	342	a	14
2013 ^r	a	591	1	132	-	-	a	438	a	21
2012 ^r	a	277	a	168	-	-	a	109	-	-
2011	3	145	3	140	a	5	-	-	-	-
2010	5	197	5	175	-	-	a	22	-	-
2009	a	3	a	3	-	-	-	-	-	-
2008	a	39	a	39	-	-	-	-	-	-
2007	a	12	a	12	-	-	-	-	-	-
2006	a	20	a	20	-	-	-	-	-	-
2005	a	3	a	3	-	-	-	-	-	-
2004	2	60	2	60	-	-	-	-	-	-
2003	a	1	a	1	-	-	-	-	-	-
2002	1	43	1	43	-	-	-	-	-	-
2001	5	156	5	155	-	-	a	1	-	-
2000	a	16	a	16	-	-	-	-	-	-
1999	a	4	a	4	-	-	-	-	-	-
1998	-	-	-	-	-	-	-	-	-	-
1997	4	266	-	-	-	-	4	266	-	-
1996	-	-	-	-	-	-	-	-	-	-
1995	-	-	-	-	-	-	-	-	-	-
1994	4	207	4	202	b	b	a	5	-	-

a - Less than one thousand

b- included in sawlog/veneer log

r - revised

Source: Philippine Statistics Office (PSA)

Table 3.02 EXPORTS OF PROCESSED WOOD PRODUCTS: 1994 - 2014
(Volume in thousand cubic meters, value in thousand US \$, FOB)

Year	Lumber		Plywood ^{1/}		Veneer ^{2/}	
	Volume	Value	Volume	Value	Volume	Value
2014	310	69,420	2	1,819	4	3,269
2013	240	74,132	4	3,773	3	3,078
2012	392	28,046	13	10,986	32	13,475
2011	404	24,377	40	24,336	15	1,347
2010	377	10,587	24	14,963	3	2,057
2009	293	9,629	33	21,921	4	1,301
2008	215	11,602	39	19,237	4	2,003
2007	208	14,342	37	14,810	7	3,833
2006	184	13,198	20	9,619	6	4,018
2005	130	8,487	17	7,734	6	3,596
2004	124	9,737	42	15,466	7	3,251
2003	119	12,120	10	3,287	4	2,382
2002	91	10,267	7	3,029	6	3,089
2001	105	15,958	a	200	3	1,547
2000	120	20,457	2	2,056	5	2,962
1999	69	8,738	a	343	5	2,890
1998	41	5,543	a	80	32	11,748
1997	141	21,852	a	17	31	14,385
1996	145	23,196	a	78	26	12,856
1995	84	14,661	a	101	32	13,487
1994	37	6,116	4	2,101	30	11,891

a - less than 1000 cubic meter

1/ - Plywood consisting solely of sheets of wood

2/ - Veneer sheets and corestock for the manufacture of plywood from CY 1992-2007

Source: Philippine Statistics Office (PSA)

Table 3.03 SELECTED NON-TIMBER FOREST PRODUCTS EXPORTS: 1994 - 2014
(Quantity in thousand kilograms, value in thousand US \$, FOB)

	Total		Almaciga Resin		Elemi Gum		Bamboo		Rattan	Poles	Salago Fiber ^{1/}	
	Qty	Val	Qty	Val	Qty	Val	Qty	Val	Qty	Val	Qty	Val
2014	543	862	49	40	87	174	62	14	345	634	.	.
2013	383	504	74	96	49	119	24	11	236	278	.	.
2012	351	319	45	79	89	193	106	31	111	95	.	.
2011	506	989	123	226	372	977	6	6	5	6	.	.
2010	273	439	65	90	162	388	30	26	16	25	.	.
2009	256	362	128	171	79	173	45	17	4	1	.	.
2008	456	873	122	172	262	616	47	72	25	13	.	.
2007	461	626	261	306	146	279	47	25	7	16	.	.
2006	424	613	163	136	181	298	66	129	14	50	.	.
2005	434	473	191	154	165	237	74	73	4	9	.	.
2004	183	439		222	144	193	39	24	a	.	.	.
2003	615	820	199	175	361	528	54	113	1	4	.	.
2002	546	660	209	150	272	482	65	28	a	a	.	.
2001	497	743	204	161	246	528	30	36	17	18	648	452
2000	715	977	319	242	377	696	19	39	-	-	638	501
1999	585	717	336	247	245	464	4	6	-	-	589	466
1998	588	732	355	254	221	448	12	27	a	3	613	436
1997	549	753	381	303	162	436	6	14	-	-	714	493
1996	699	1,250	326	258	353	947	19	43	1	2	723	506
1995	597	899	328	252	259	621	9	22	1	4	683	487
1994	696	743	387	249	269	464	39	26	1	4	789	558

.. not available

a - less than 1,000

1/ - Quantity in thousand bales of 125 kgs.

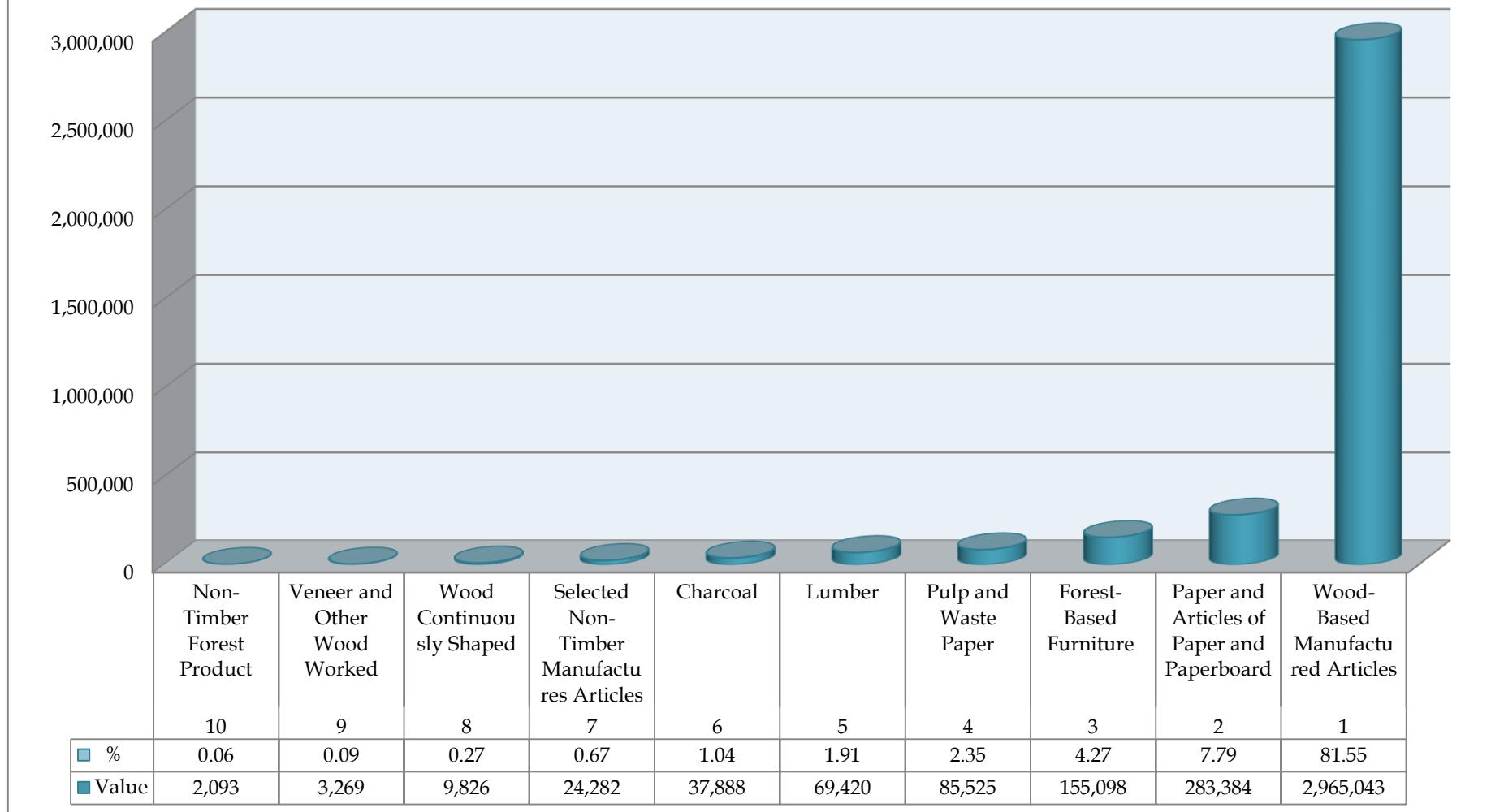
Sources: Philippine Statistics Authority (PSA); Fiber Industry Dev't. Authority for Salago Fiber

Table 3.04 FOREST-BASED PRODUCTS EXPORT SUMMARY: 2014

Exports	Quantity	Value ('000 US\$, FOB)
Log (cu.m)	3,196	492
Lumber (cu.m.)	310,070	69,420
Veneer and Other Wood Worked (cu.m.)	3,681	3,269
Plywood and Plywood Veneered Panels (cu.m.)	2,057	1,819
Fiberboard (nk)	17,905	6,917
Non-Timber Forest Products (nk)	1,446,997	2,093
Selected Non-Timber Manufactured Articles	9,934,568	24,282
Wood-Based Manufactured Articles (gk)	990,261,566	2,965,043
Pulp and Waste Paper (nk)	72,411,532	85,525
Paper and Articles of Paper and Paperboard (nk)	806,790,425	283,384
Forest-Based Furniture (gk)	27,018,539	155,098
Particleboard (gk)	76,539	120
Other Forest-Based Products	m	48,207
 Total Forest Products Exports		3,645,669
 <i>Total Exports</i>		62,102,000
 <i>Forest Products Exports as % of the Total Exports (in terms of value)</i>		<i>5.8705</i>

Note: m indicates miscellaneous unit of measurements

**FIGURE 6. TOP TEN FOREST-BASED PRODUCTS EXPORT: 2014
(VALUE IN '000 US\$, FOB)**



**TABLE 3.05 TOP TEN FOREST-BASED PRODUCTS EXPORTS: 2014
(Value in thousand US \$, FOB)**

Rank	Product	Value	% Share to Total
		Total	<u>3,635,828</u>
			<u>100</u>
1	Wood-Based Manufactured Articles	2,965,043	81.55
2	Paper and Articles of Paper and Paperboard	283,384	7.79
3	Forest-Based Furniture	155,098	4.27
4	Pulp and Waste Paper	85,525	2.35
5	Lumber	69,420	1.91
6	Charcoal	37,888	1.28
7	Selected Non-Timber Manufactured Articles	24,282	0.67
8	Wood Continuously Shaped	9,826	0.27
9	Veneer and Other Wood Worked	3,269	0.09
10	Non-Timber Forest Product	2,093	0.06

**TABLE 3.05 TOP TEN FOREST-BASED PRODUCTS EXPORTS: 2014
(Value in thousand US \$, FOB)**

Rank	Product	Value	% Share to Total
		Total	<u>3,635,581</u>
			<u>100</u>
1	Wood-Based Manufactured Articles	2,965,043	81.56
2	Paper and Articles of Paper and Paperboard	283,384	7.79
3	Forest-Based Furniture	155,098	4.27
4	Pulp and Waste Paper	85,525	2.35
5	Lumber	69,420	1.91
6	Charcoal	37,888	1.28
7	Selected Non-Timber Manufactured Articles	24,282	0.67
8	Wood Continuously Shaped	9,826	0.27
9	Veneer and Other Wood Worked	3,296	0.09
10	Plywood and Plywood Veneered Panels	1,819	0.05

Table 3.06 IMPORTS OF LOG AND PROCESSED FOREST PRODUCTS: 1994 - 2014
(Volume in cu.m., Value in US dollars, CIF)

Year	Log		Lumber		Plywood		Veneer	Value
	Volume	Value	Volume	Value	Volume	Value		
2014	50,903	8,381,119	207,362	108,932,244	411,269	167,080,385	14,826	9,517,850
2013	123,519	20,772,261	240,197	123,074,085	195,037	107,813,877	30,642	12,628,214
2012	107,872	23,885,802	218,607	98,925,060	95,183	72,146,314	59,507	22,048,772
2011	88,908	19,094,349	159,974	77,311,893	94,231	76,711,777	38,011	12,672,509
2010	41,589	10,908,591	136,574	55,196,603	61,163	39,558,652	25,683	6,821,327
2009	37,412	7,444,738	128,754	47,702,732	3,886	1,485,791	20,462	3,853,330
2008	77,557	18,543,320	134,846	52,019,144	1,523	526,994	23,062	6,052,887
2007	93,183	23,959,123	174,456	90,702,741	4,348	2,355,433	18,101	6,043,349
2006	65,185	19,742,069	261,193	95,719,492	6,207	4,067,817	26,602	7,335,531
2005	164,959	23,867,765	362,509	117,742,543	3,959	1,473,557	64,426	16,712,755
2004	177,107	17,877,077	246,685	88,400,636	1,963	1,086,528	51,232	12,293,977
2003	355,787	33,107,917	338,064	105,403,457	5,091	2,120,825	91,143	22,354,132
2002	434,175	40,613,551	401,086	103,885,902	650	198,625	74,505	17,915,349
2001	551,327	44,707,227	370,809	86,270,886	402	201,067	105,427	26,370,676
2000	584,759	54,340,693	358,514	79,810,286	1,015	638,864	119,337	31,521,947
1999	583,643	69,450,136	381,235	116,771,575	1,019	551,638	138,248	40,248,741
1998	434,903	54,874,834	296,147	71,187,685	2,034	651,322	63,317	16,586,240
1997	768,474	117,821,197	411,657	112,638,911	1,032	478,277	86,420	27,569,438
1996	877,585	127,412,566	567,426	161,972,198	923	673,804	94,551	26,424,406
1995	694,954	82,036,115	378,531	82,225,192	242	127,608	25,819	8,057,803
1994	404,065	56,215,587	298,363	66,589,072	899	473,360	605	1,540,828

1/ Plywood consisting solely of sheets of wood

2/ Veneer for plywood manufacture

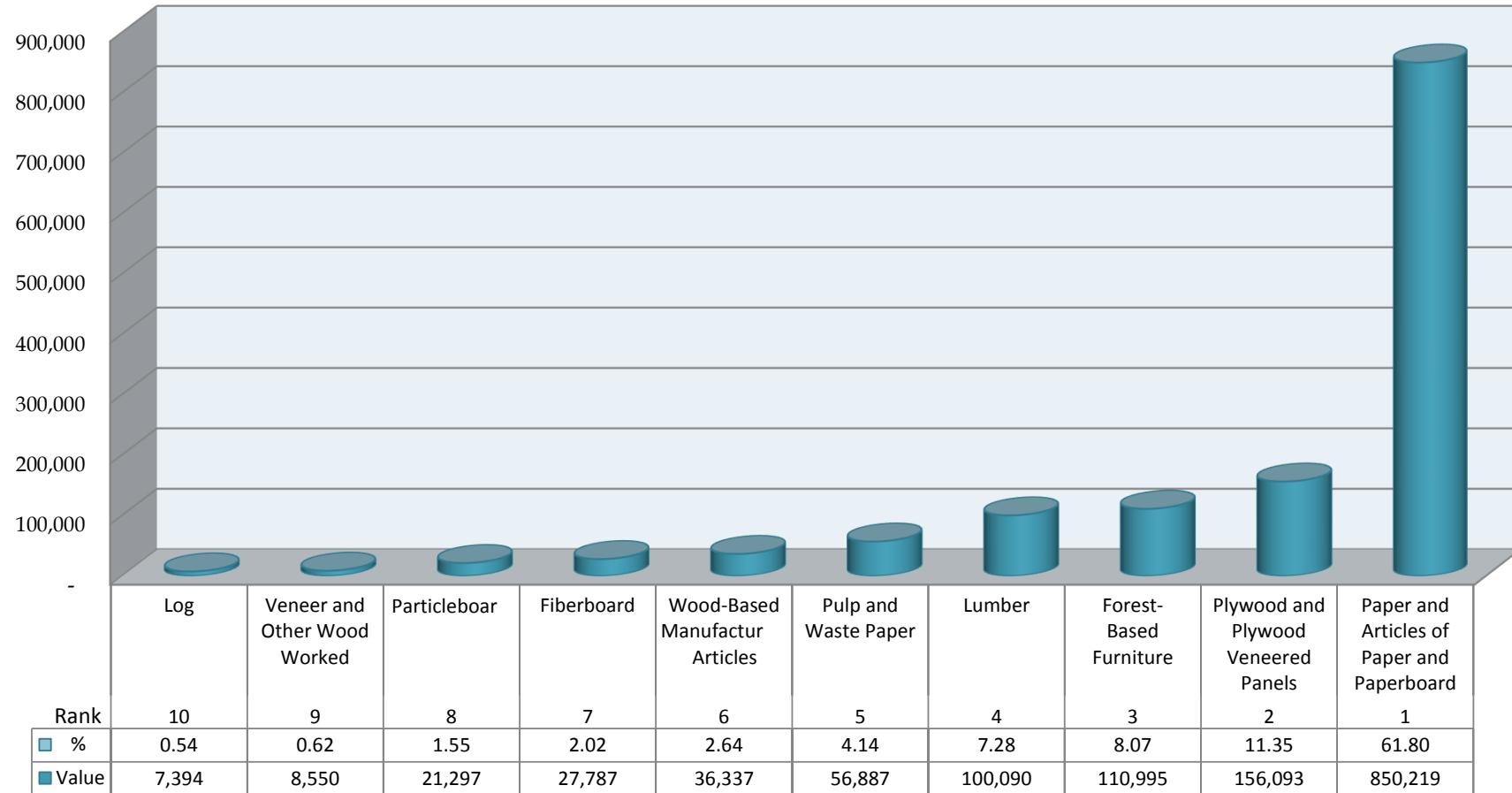
Source: Philippine Statistics Office (PSA)

Table 3.07 FOREST-BASED PRODUCTS IMPORT SUMMARY: 2014

Imports	Quantity	Value ('000 US\$), FOB
Log (cu.m)	50,903	7,394
Lumber (cu.m.)	207,362	100,090
Veneer and Other Wood Worked (cu.m.)	14,826	8,550
Plywood and Plywood Veneered Panels (cu.m.)	411,269	156,093
Particleboard (gk)	50,316,619	21,297
Fiberboard (nk)	46,471,481	27,787
Non-Timber Forest Products (nk)	33,905	38
Selected Non-Timber Manufactured Articles (pcs.)	52,208	59
Wood-Based Manufactured Articles (gk)	36,746,186	36,337
Pulp and Waste Paper (nk)	127,291,574	56,887
Paper and Articles of Paper and Paperboard (nk)	956,392,939	850,219
Forest-Based Furniture (gk)	94,060,627	110,995
Other Forest-Based Products	<i>m</i>	6,420
 Total Forest Products Imports		1,382,166
 <i>Total Imports</i>		<i>65,398,000</i>
 <i>Forest Products Imports as % of the Total Imports (in terms of value)</i>		<i>2.11</i>

Note: *m* indicates miscellaneous unit of measurements

**FIGURE 7. TOP TEN FOREST-BASED PRODUCTS IMPORT: 2014
(VALUE IN '000 US\$, FOB)**



**Table 3.08 TOP TEN FOREST-BASED PRODUCTS IMPORTS: 2014
(Value in thousand US \$, FOB)**

Rank	Product	Value	% Share to Total
	Total	<u>1,375,649</u>	<u>100.00</u>
1	Paper and Articles of Paper and Paperboard	850,219	61.80
2	Plywood and Plywood Veneered Panels	156,093	11.35
3	Forest-Based Furniture	110,995	8.07
4	Lumber	100,090	7.28
5	Pulp and Waste Paper	56,887	4.14
6	Wood-Based Manufactured Articles	36,337	2.64
7	Fiberboard	27,787	2.02
8	Particleboard	21,297	1.55
9	Veneer and Other Wood Worked	8,550	0.62
10	Log	7,394	0.54

PRICES

**Table 4.01 QUARTERLY DOMESTIC PRICES OF LOCALLY PRODUCED LOGS: 2014
(Php/ cubic meter)**

Species	Region	Log Grade	Diameter	Average Price	Quarter			
					1st	2nd	3rd	4th
A. MANGIUM	R7	Poles and Piles	Below 30	4,000.00	4,000.00	4,000.00	4,000.00	4,000.00
			Below 30	2,061.11	2,566.67	2,155.56	1,672.22	1,850.00
	R13	Peelable	Below 30	2,740.97	3,150.00	2,805.56	2,633.33	2,375.00
			30 - 38	3,057.64	3,150.00	3,072.22	3,033.33	2,975.00
			40 - 48	3,106.25	3,150.00	3,150.00	3,150.00	2,975.00
			50 - 58	3,106.25	3,150.00	3,150.00	3,150.00	2,975.00
			60 & Above	3,106.25	3,150.00	3,150.00	3,150.00	2,975.00
ACACIA	R2	Sawlog	Below 30	11,024.00	11,024.00	11,024.00	11,024.00	11,024.00
			30 - 38	11,024.00	11,024.00	11,024.00	11,024.00	11,024.00
			40 - 48	11,024.00	11,024.00	11,024.00	11,024.00	11,024.00
			50 - 58	11,024.00	11,024.00	11,024.00	11,024.00	11,024.00
			60 & Above	11,024.00	11,024.00	11,024.00	11,024.00	11,024.00
	R5	Sawlog	30 - 38	12,720.00	12,720.00	12,720.00	12,720.00	12,720.00
			40 - 48	12,720.00	12,720.00	12,720.00	12,720.00	12,720.00
			50 - 58	12,720.00	12,720.00	12,720.00	12,720.00	12,720.00
			60 & Above	12,720.00	12,720.00	12,720.00	12,720.00	12,720.00
BAGRAS	R7	Poles and Piles	Below 30	4,000.00	4,000.00	4,000.00	4,000.00	4,000.00
			Below 30	1,433.33	1,433.33	1,433.33	1,433.33	1,433.33
	R11	Sawlog	30 - 38	2,500.00	2,500.00	2,500.00	2,500.00	2,500.00
			40 - 48	2,800.00	2,800.00	2,800.00	2,800.00	2,800.00
			50 - 58	2,900.00	2,900.00	2,900.00	2,900.00	2,900.00
			60 & Above	3,000.00	3,000.00	3,000.00	3,000.00	3,000.00
			Below 30	1,800.00	1,800.00	1,800.00	1,800.00	1,800.00
	R13	Non-Peelable	Below 30	3,200.00	3,200.00	3,200.00	3,200.00	3,200.00
			30 - 38	3,200.00	3,200.00	3,200.00	3,200.00	3,200.00
			40 - 48	3,200.00	3,200.00	3,200.00	3,200.00	3,200.00
			50 - 58	3,200.00	3,200.00	3,200.00	3,200.00	3,200.00
			60 & Above	3,200.00	3,200.00	3,200.00	3,200.00	3,200.00

**Table 4.01 QUARTERLY DOMESTIC PRICES OF LOCALLY PRODUCED LOGS: 2014
(Php/ cubic meter)**

Species	Region	Log Grade	Diameter	Average Price	Quarter			
					1st	2nd	3rd	4th
FALCATA	R9	Peeler/ Veneer Log	30 - 38	3,116.67	2,300.00	2,766.67	3,700.00	3,700.00
			40 - 48	3,116.67	2,300.00	2,766.67	3,700.00	3,700.00
			50 - 58	3,116.67	2,300.00	2,766.67	3,700.00	3,700.00
			60 & Above	3,116.67	2,300.00	2,766.67	3,700.00	3,700.00
	R11	Peelable	Below 30	2,666.67	2,666.67	2,400.00	2,800.00	2,800.00
			30 - 38	3,275.00	3,100.00	3,200.00	3,400.00	3,400.00
			40 - 48	3,666.67	3,600.00	3,600.00	3,733.33	3,733.33
			50 - 58	4,000.00	4,000.00	4,000.00	4,000.00	4,000.00
			60 & Above	4,433.33	4,700.00	4,366.67	4,333.33	4,333.33
		Peeler/ Veneer Log	Below 30	1,180.00	1,180.00	1,180.00	1,180.00	1,180.00
			30 - 38	1,400.00	1,400.00	1,400.00	1,400.00	1,400.00
			40 - 48	2,200.00	2,200.00	2,200.00	2,200.00	2,200.00
			50 - 58	2,200.00	2,200.00	2,200.00	2,200.00	2,200.00
			60 & Above	2,200.00	2,200.00	2,200.00	2,200.00	2,200.00
	R13	Sawlog	Below 30	1,512.92	1,516.67	1,560.00	1,571.67	1,403.33
			30 - 38	2,145.14	2,236.11	2,416.67	2,105.56	1,822.22
			40 - 48	2,501.39	2,672.22	2,788.89	2,300.00	2,244.44
			50 - 58	2,619.44	2,822.22	2,922.22	2,411.11	2,322.22
			60 & Above	2,749.31	2,991.67	3,083.33	2,522.22	2,400.00
		Non-Peelable	Below 30	1,911.38	1,813.89	1,861.49	2,001.39	1,968.75
			Below 30	2,989.19	2,903.92	2,943.63	3,069.69	3,039.50
			30 - 38	3,228.77	3,174.51	3,178.92	3,295.83	3,265.80
			40 - 48	3,415.48	3,422.88	3,359.42	3,455.92	3,423.70
			50 - 58	3,510.14	3,421.43	3,387.18	3,573.65	3,658.30
		Peelable	60 & Above	3,556.94	3,495.56	3,460.73	3,602.07	3,669.40
			Below 30	1,687.50	1,687.50	1,687.50	1,687.50	1,687.50
			30 - 38	1,750.00	1,750.00	1,750.00	1,750.00	1,750.00
			40 - 48	1,750.00	1,750.00	1,750.00	1,750.00	1,750.00
			50 - 58	1,750.00	1,750.00	1,750.00	1,750.00	1,750.00
		Pulpwood	60 & Above	1,750.00	1,750.00	1,750.00	1,750.00	1,750.00

**Table 4.01 QUARTERLY DOMESTIC PRICES OF LOCALLY PRODUCED LOGS: 2014
(Php/ cubic meter)**

Species	Region	Log Grade	Diameter	Average Price	Quarter			
					1st	2nd	3rd	4th
FRUIT TREES	R11	Peelable	Below 30	3,100.00	3,000.00	3,000.00	3,200.00	3,200.00
			30 - 38	4,050.00	4,000.00	4,000.00	4,100.00	4,100.00
			40 - 48	5,066.67	4,933.33	4,933.33	5,200.00	5,200.00
			60 & Above	5,350.00	5,400.00	5,200.00	5,400.00	5,400.00
GMELINA	R2	Sawlog	Below 30	11,024.00	11,024.00	11,024.00	11,024.00	11,024.00
			30 - 38	11,024.00	11,024.00	11,024.00	11,024.00	11,024.00
			40 - 48	11,024.00	11,024.00	11,024.00	11,024.00	11,024.00
R3	R3	Sawlog	Below 30	8,480.00	8,480.00	8,480.00	8,480.00	8,480.00
			30 - 38	10,600.00	10,600.00	10,600.00	10,600.00	10,600.00
			40 - 48	10,600.00	10,600.00	10,600.00	10,600.00	10,600.00
			50 - 58	10,600.00	10,600.00	10,600.00	10,600.00	10,600.00
			60 & Above	10,600.00	10,600.00	10,600.00	10,600.00	10,600.00
R5	R5	Sawlog	30 - 38	9,186.67	10,600.00	9,186.67	8,480.00	8,480.00
			40 - 48	9,186.67	10,600.00	9,186.67	8,480.00	8,480.00
			50 - 58	9,186.67	10,600.00	9,186.67	8,480.00	8,480.00
			60 & Above	9,186.67	10,600.00	9,186.67	8,480.00	8,480.00
R7	R7	Sawlog	30 - 38	8,692.00	8,692	8,692	8,692	8,692
			40 - 48	8,692.00	8,692.00	8,692.00	8,692.00	8,692.00
			50 - 58	8,692.00	8,692.00	8,692.00	8,692.00	8,692.00
			60 & Above	8,692.00	8,692.00	8,692.00	8,692.00	8,692.00
R8	R8	Poles and Piles	Below 30	1,400.00	1,400.00	1,400.00	1,400.00	1,400.00
			30 - 38	2,300.00	2,300.00	2,300.00	2,300.00	2,300.00
			40 - 48	2,600.00	2,600.00	2,600.00	2,600.00	2,600.00
			50 - 58	2,800.00	2,800.00	2,800.00	2,800.00	2,800.00
			60 & Above	3,000.00	3,000.00	3,000.00	3,000.00	3,000.00
R9	R9	Sawlog	30 - 38	2,412.50	2,500.00	2,450.00	2,350.00	2,350.00
			40 - 48	2,412.50	2,500.00	2,450.00	2,350.00	2,350.00
			50 - 58	2,412.50	2,500.00	2,450.00	2,350.00	2,350.00
			60 & Above	2,412.50	2,500.00	2,450.00	2,350.00	2,350.00

**Table 4.01 QUARTERLY DOMESTIC PRICES OF LOCALLY PRODUCED LOGS: 2014
(Php/ cubic meter)**

Species	Region	Log Grade	Diameter	Average Price	Quarter			
					1st	2nd	3rd	4th
GMELINA	R11	Peeler/ Veneer Log	Below 30	1,180.00	1,180.00	1,180.00	1,180.00	1,180.00
			30 - 38	1,400.00	1,400.00	1,400.00	1,400.00	1,400.00
			40 - 48	2,200.00	2,200.00	2,200.00	2,200.00	2,200.00
			50 - 58	2,200.00	2,200.00	2,200.00	2,200.00	2,200.00
			60 & Above	2,200.00	2,200.00	2,200.00	2,200.00	2,200.00
	R12	Sawlog	Below 30	1,417.61	1,516.67	1,422.33	1,323.67	1,407.78
			30 - 38	1,955.56	2,033.33	1,934.44	1,761.11	2,093.33
			40 - 48	2,108.89	2,133.33	2,164.44	1,844.44	2,293.33
			50 - 58	2,354.17	2,166.67	2,316.67	2,033.33	2,900.00
			60 & Above	2,408.33	2,200.00	2,366.67	2,066.67	3,000.00
R13	R12	Round logs	Below 30	1,533.33	1,500.00	1,500.00	1,500.00	1,633.33
	R13	Non-Peelable	Below 30	1,736.90	1,728.57	1,728.57	1,747.62	1,742.86
			Peelable	3,166.67	3,166.67	3,166.67	3,166.67	3,166.67
			30 - 38	3,166.67	3,166.67	3,166.67	3,166.67	3,166.67
			40 - 48	3,166.67	3,166.67	3,166.67	3,166.67	3,166.67
			50 - 58	3,166.67	3,166.67	3,166.67	3,166.67	3,166.67
			60 & Above	3,166.67	3,166.67	3,166.67	3,166.67	3,166.67
GUBAS	R13	Non-Peelable	Below 30	700.00	700.00	700.00	700.00	700.00
			Peelable	2,000.00	2,000.00	2,000.00	2,000.00	2,000.00
			30 - 38	2,000.00	2,000.00	2,000.00	2,000.00	2,000.00
			40 - 48	2,000.00	2,000.00	2,000.00	2,000.00	2,000.00
			50 - 58	2,000.00	2,000.00	2,000.00	2,000.00	2,000.00
			60 & Above	2,000.00	2,000.00	2,000.00	2,000.00	2,000.00
IPIL-IPIL	R12	Round logs	Below 30	2,500.00	2,500.00	2,500.00	2,500.00	2,500.00
			30 - 38	2,500.00	2,500.00	2,500.00	2,500.00	2,500.00

**Table 4.01 QUARTERLY DOMESTIC PRICES OF LOCALLY PRODUCED LOGS: 2014
(Php/ cubic meter)**

Species	Region	Log Grade	Diameter	Average Price	Quarter			
					1st	2nd	3rd	4th
MAHOGANY	R2	Sawlog	Below 30	11,024.00	11,024.00	11,024.00	11,024.00	11,024.00
			30 - 38	11,024.00	11,024.00	11,024.00	11,024.00	11,024.00
			40 - 48	11,024.00	11,024.00	11,024.00	11,024.00	11,024.00
	R3	Sawlog	Below 30	10,600.00	10,600.00	10,600.00	10,600.00	10,600.00
			30 - 38	12,720.00	12,720.00	12,720.00	12,720.00	12,720.00
			40 - 48	12,720.00	12,720.00	12,720.00	12,720.00	12,720.00
			50 - 58	12,720.00	12,720.00	12,720.00	12,720.00	12,720.00
			60 & Above	12,720.00	12,720.00	12,720.00	12,720.00	12,720.00
	R5	Sawlog	30 - 38	13,250.00	14,840.00	12,720.00	12,720.00	12,720.00
			40 - 48	13,250.00	14,840.00	12,720.00	12,720.00	12,720.00
			50 - 58	13,250.00	14,840.00	12,720.00	12,720.00	12,720.00
			60 & Above	13,250.00	14,840.00	12,720.00	12,720.00	12,720.00
	R7	Sawlog	30 - 38	8,904.00	8,904.00	8,904.00	8,904.00	8,904.00
			40 - 48	8,904.00	8,904.00	8,904.00	8,904.00	8,904.00
			50 - 58	8,904.00	8,904.00	8,904.00	8,904.00	8,904.00
			60 & Above	8,904.00	8,904.00	8,904.00	8,904.00	8,904.00
	R8	Sawlog	Below 30	1,700.00	1,700.00	1,700.00	1,700.00	1,700.00
			30 - 38	2,800.00	2,800.00	2,800.00	2,800.00	2,800.00
			40 - 48	3,500.00	3,500.00	3,500.00	3,500.00	3,500.00
			50 - 58	3,900.00	3,900.00	3,900.00	3,900.00	3,900.00
			60 & Above	4,300.00	4,300.00	4,300.00	4,300.00	4,300.00
	R9	Sawlog	30 - 38	2,708.33	3,000.00	2,833.33	2,500.00	2,500.00
			40 - 48	2,708.33	3,000.00	2,833.33	2,500.00	2,500.00
			50 - 58	2,708.33	3,000.00	2,833.33	2,500.00	2,500.00
			60 & Above	2,708.33	3,000.00	2,833.33	2,500.00	2,500.00
	R11	Sawlog	Below 30	1,433.33	1,433.33	1,433.33	1,433.33	1,433.33
			30 - 38	2,500.00	2,500.00	2,500.00	2,500.00	2,500.00
			40 - 48	2,800.00	2,800.00	2,800.00	2,800.00	2,800.00
			50 - 58	2,900.00	2,900.00	2,900.00	2,900.00	2,900.00
			60 & Above	3,000.00	3,000.00	3,000.00	3,000.00	3,000.00

**Table 4.01 QUARTERLY DOMESTIC PRICES OF LOCALLY PRODUCED LOGS: 2014
(Php/ cubic meter)**

Species	Region	Log Grade	Diameter	Average Price	Quarter			
					1st	2nd	3rd	4th
MANGO	R11	Peeler/ Veneer Log	Below 30	1,180.00	1,180.00	1,180.00	1,180.00	1,180.00
			30 - 38	1,400.00	1,400.00	1,400.00	1,400.00	1,400.00
			40 - 48	2,200.00	2,200.00	2,200.00	2,200.00	2,200.00
			50 - 58	2,200.00	2,200.00	2,200.00	2,200.00	2,200.00
			60 & Above	2,200.00	2,200.00	2,200.00	2,200.00	2,200.00
	R12	Round logs	Below 30	1,500.00	1,500.00	1,500.00	1,500.00	1,500.00
MARANG	R11	Peeler/ Veneer Log	Below 30	1,180.00	1,180.00	1,180.00	1,180.00	1,180.00
			30 - 38	1,400.00	1,400.00	1,400.00	1,400.00	1,400.00
			40 - 48	2,200.00	2,200.00	2,200.00	2,200.00	2,200.00
			50 - 58	2,200.00	2,200.00	2,200.00	2,200.00	2,200.00
			60 & Above	2,200.00	2,200.00	2,200.00	2,200.00	2,200.00
	R12	Sawlog	Below 30	1,433.33	1,433.33	1,433.33	1,433.33	1,433.33
			30 - 38	2,500.00	2,500.00	2,500.00	2,500.00	2,500.00
			40 - 48	2,800.00	2,800.00	2,800.00	2,800.00	2,800.00
			50 - 58	2,900.00	2,900.00	2,900.00	2,900.00	2,900.00
			60 & Above	3,000.00	3,000.00	3,000.00	3,000.00	3,000.00
RADIATA PINE	R12	Round logs	Below 30	1,000.00	1,000.00	1,000.00	1,000.00	1,000.00
	R13	Non-Peelable	Below 30	4,483.33	4,950.00	5,050.00	3,933.33	4,000.00
	R7	Poles and Piles	Below 30	4,000.00	4,000.00	4,000.00	4,000.00	4,000.00
RUBBER	R11	Peeler/ Veneer Log	Below 30	1,180.00	1,180.00	1,180.00	1,180.00	1,180.00
			30 - 38	1,400.00	1,400.00	1,400.00	1,400.00	1,400.00
			40 - 48	2,200.00	2,200.00	2,200.00	2,200.00	2,200.00
			50 - 58	2,200.00	2,200.00	2,200.00	2,200.00	2,200.00
			60 & Above	2,200.00	2,200.00	2,200.00	2,200.00	2,200.00
	R12	Round logs	Below 30	1,933.33	2,000.00	2,000.00	2,000.00	1,733.33

Table 4.02 QUARTERLY DOMESTIC PRICES OF IMPORTED LOGS: 2014
(Php/ cubic meter)

Country of Origin	Region	Log Grade	Diameter	Average Price	Quarter			
					1st	2nd	3rd	4th
MALAYSIA	R3	Sawlog	30 - 38	3,916.67	4,000.00	4,000.00	4,000.00	3,666.67
			40 - 48	4,000.00	4,000.00	4,000.00	4,000.00	4,000.00
			50 - 58	4,000.00	4,000.00	4,000.00	4,000.00	4,000.00
			60 & Above	4,000.00	4,000.00	4,000.00	4,000.00	4,000.00
	R7	Poles and Piles	Below 30	5,100.00	5,100.00	5,100.00	5,100.00	5,100.00
			30 - 38	6,675.00	6,675.00	6,675.00	6,675.00	6,675.00
			40 - 48	10,900.00	10,900.00	10,900.00	10,900.00	10,900.00
			50 - 58	20,500.00	20,500.00	20,500.00	20,500.00	20,500.00
	R9	Peeler/ Veneer Log	40 - 48	11,276.25	10,950.00	11,385.00	11,385.00	11,385.00
			50 - 58	11,276.25	10,950.00	11,385.00	11,385.00	11,385.00
			60 & Above	11,820.58	11,402.33	11,960.00	11,960.00	11,960.00
	R9	Sawlog	40 - 48	12,190.00	12,190.00	12,190.00	12,190.00	12,190.00
			50 - 58	12,190.00	12,190.00	12,190.00	12,190.00	12,190.00
			60 & Above	12,866.67	12,826.67	12,880.00	12,880.00	12,880.00
PAPUA NEW GUINEA	R9	Peeler/ Veneer Log	60 & Above	11,298.18	11,295.79	11,298.98	11,298.98	11,298.98
	R11	Not specified	60 & Above	10,000.00	10,000.00	10,000.00	10,000.00	10,000.00
SOLOMON ISLANDS	NCR	Sawlog	40 - 48	5,500.00	5,500.00	5,500.00	5,500.00	5,500.00
			50 - 58	5,500.00	5,500.00	5,500.00	5,500.00	5,500.00
			60 & Above	5,500.00	5,500.00	5,500.00	5,500.00	5,500.00
	R3	Sawlog	30 - 38	4,000.00	4,000.00	4,000.00	4,000.00	4,000.00
			40 - 48	4,000.00	4,000.00	4,000.00	4,000.00	4,000.00
			50 - 58	4,000.00	4,000.00	4,000.00	4,000.00	4,000.00
			60 & Above	4,000.00	4,000.00	4,000.00	4,000.00	4,000.00

**Table 4.03 MONTHLY RETAIL PRICES OF LOCALLY PRODUCED LUMBER: 2014
(Board Foot, 2"x4"x8", in Php)**

Table 4.03 MONTHLY RETAIL PRICES OF LOCALLY PRODUCED LUMBER: 2014 (continued)
(Board Foot, 2"x4"x8", in Php)

Table 4.03 MONTHLY RETAIL PRICES OF LOCALLY PRODUCED LUMBER: 2014 (continued)
(Board Foot, 2"x4"x8", in Php)

Species/ Region	Average	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Loktob													
R-5	30.64	27.00	27.00	27.00	31.00	31.00	31.00	31.00	31.00	31.00	31.00	31.67	38.00
R-11	43.33	43.33	43.33	43.33	43.33	43.33	43.33	43.33	43.33	43.33	43.33	43.33	43.33
Mahogany													
NCR	44.53	38.00	40.00	54.00	44.50	46.00	46.25	44.20	53.50	45.25	40.50	43.00	39.20
R-2	26.00	26.00	26.00	26.00	26.00	26.00	26.00	26.00	26.00	26.00	26.00	26.00	26.00
R-3	42.00	42.00	42.00	42.00	42.00	42.00	42.00	42.00	42.00	42.00	42.00	42.00	42.00
R-4A	32.21	25.00	25.00	31.00	31.00	33.00	34.50	29.00	31.00	33.00	38.00	38.00	38.00
R-5	48.94	38.00	38.00	38.00	53.00	53.00	53.00	53.00	53.00	53.00	53.00	49.33	53.00
R-6	30.35	29.22	30.50	29.75	29.55	29.69	29.69	30.29	30.29	30.29	32.42	29.67	32.89
R-7	34.98	32.13	32.13	32.13	32.13	32.13	32.13	32.13	32.13	40.67	40.67	40.67	40.67
R-8	40.00	40.00	40.00	40.00	40.00	40.00	40.00	40.00	40.00	40.00	40.00	40.00	40.00
R-9	28.33	34.00	34.00	29.00	29.00	27.67	27.33	27.33	26.33	26.33	26.33	26.33	26.33
R-10	27.45	27.67	27.67	27.67	27.67	27.67	30.00	21.50	25.34	26.67	30.00	30.00	27.50
R-11	34.69	35.67	35.67	28.00	43.33	26.66	35.00	35.00	43.33	28.00	43.33	31.17	31.17
R-12	42.33	42.33	42.33	42.33	42.33	42.33	42.33	42.33	42.33	42.33	42.33	42.33	42.33
R-13	17.42	17.00	17.00	17.00	17.00	16.00	16.00	16.00	15.00	15.00	21.00	21.00	21.00
Mirante													
NCR	42.25	40.40	39.20	41.33	42.14	44.40	43.29	43.14	42.75	43.22	42.42	41.80	42.87
R-1	49.38	50.50	50.50	49.00	49.00	49.00	50.00	48.50	50.00	49.00	49.00	49.00	49.00
R-3	48.53	48.50	48.50	48.25	48.25	48.50	48.50	47.25	48.00	50.50	47.50	48.00	50.66
R-4A	48.42	45.50	49.33	48.50	48.50	48.00	49.50	47.75	47.75	48.00	49.63	49.33	49.27
R-5	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00
R-10	48.00	48.00	48.00	48.00	48.00	48.00	48.00	48.00	48.00	48.00	48.00	48.00	48.00
Narra													
R-4A	140.17	140.00	140.00	140.00	140.00	141.00	140.00	140.00	140.00	141.00	140.00	140.00	140.00
R-5	120.00	93.33	93.33	93.33	126.67	126.67	126.67	126.67	126.67	126.67	126.67	136.67	136.67
R-6	60.00	60.00	60.00	60.00	60.00	60.00	60.00	60.00	60.00	60.00	60.00	60.00	60.00
R-7	170.00	170.00	170.00	170.00	170.00	170.00	170.00	170.00	170.00	170.00	170.00	170.00	170.00
Radiata Pine													
NCR	48.00	45.00	45.00	45.00	45.00	45.00	45.00	45.00	45.00	45.00	45.00	63.00	63.00

Table 4.03 MONTHLY RETAIL PRICES OF LOCALLY PRODUCED LUMBER: 2014 (concluded)
(Board Foot, 2"x4"x8", in Php)

**Table 4.04 MONTHLY RETAIL PRICES OF IMPORTED LUMBER: 2014
(Board Foot, 2"x4"x8", in PhP)**

Table 4.05 MONTHLY RETAIL PRICES OF LAUAN PLYWOOD: 2014
(Ordinary " C ", 4'x8', in Php)

Thickness (Inch/ mm)	Region	Average	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1/8 (3.175)	NCR	236.04	230.00	240.00	238.33	238.33	217.50	238.33	238.33	238.33	238.33	238.33	238.33	238.33
	CAR	234.92	249.00	233.00	230.00	229.00	222.00	223.00	223.00	242.00	242.00	242.00	242.00	242.00
	R-1	229.75	215.00	215.00	232.00	215.00	215.00	220.00	220.00	220.00	255.00	250.00	250.00	250.00
	R-2	246.37	225.41	223.33	219.83	223.33	227.50	257.50	275.75	275.75	239.13	262.16	261.17	265.61
	R-3	251.49	242.83	238.20	254.37	254.37	247.00	247.00	246.87	259.00	249.37	252.50	263.16	263.16
	R-4A	231.52	207.50	220.00	222.50	222.50	237.50	240.00	240.00	240.00	240.00	235.63	235.63	237.00
	R-4B	253.51	247.50	247.50	247.50	249.16	253.05	253.05	255.70	257.37	257.37	256.71	260.47	256.71
	R-5	253.22	250.67	250.67	250.67	253.33	253.33	253.33	253.33	253.33	253.33	253.33	256.67	256.67
	R-6	245.97	234.71	231.92	231.92	237.55	267.17	246.36	245.47	262.14	246.11	247.04	248.38	252.92
	R-7	220.00	220.00	220.00	220.00	220.00	220.00	220.00	220.00	220.00	220.00	220.00	220.00	220.00
	R-8	259.79	242.50	242.50	310.00	242.50	242.50	242.50	242.50	242.50	275.00	275.00	280.00	280.00
	R-9	246.89	230.00	230.00	230.00	230.00	255.33	255.33	255.33	255.33	255.33	255.33	255.33	255.33
3/16 (4.7625)	NCR	389.59	396.12	422.83	396.37	378.09	364.48	390.07	383.14	375.23	429.40	400.66	369.33	369.33
	CAR	304.13	326.50	296.00	296.00	300.00	300.00	300.00	306.00	305.00	305.00	305.00	305.00	305.00
	R-1	317.63	315.00	300.00	311.00	300.00	320.00	320.00	320.00	320.00	323.00	327.50	327.50	327.50
	R-2	316.02	298.41	305.41	302.44	323.22	310.22	314.79	327.58	323.72	322.79	322.27	320.71	320.71
	R-3	303.37	293.00	297.02	309.16	300.40	303.70	303.70	304.15	312.50	301.70	306.80	304.16	304.16
	R-4A	302.03	267.50	292.50	288.75	288.75	310.00	309.33	309.33	309.33	308.75	312.92	315.00	312.17
	R-4B	333.69	318.33	320.55	320.55	327.22	333.88	333.88	341.08	344.41	344.41	343.51	350.17	326.34
	R-5	336.81	318.33	318.33	318.33	346.67	341.67	341.67	341.67	341.67	341.67	341.67	345.00	345.00
	R-6	307.88	302.39	290.65	312.50	302.44	326.25	312.32	309.61	311.49	309.04	313.04	310.72	294.13
	R-7	295.25	295.25	295.25	295.25	295.25	295.25	295.25	295.25	295.25	295.25	295.25	295.25	295.25
	R-8	348.33	342.50	342.50	342.50	342.50	342.50	342.50	342.50	342.50	360.00	360.00	360.00	360.00
	R-9	310.00	300.00	300.00	300.00	300.00	315.00	315.00	315.00	315.00	315.00	315.00	315.00	315.00
	R-10	304.92	305.75	305.75	305.75	305.75	305.75	342.50	280.00	306.92	315.05	305.00	277.50	303.33
	R-11	293.83	315.84	293.33	297.00	288.67	305.34	276.66	276.66	292.50	292.50	292.50	308.34	286.67
	R-12	227.60	227.60	227.60	227.60	227.60	227.60	227.60	227.60	227.60	227.60	227.60	227.60	227.60
	R-13	278.54	304.50	271.50	271.50	276.00	276.00	276.00	277.00	278.00	278.00	278.00	278.00	278.00

Table 4.05 MONTHLY RETAIL PRICES OF LAUAN PLYWOOD: 2014 (continued)
(Ordinary " C ", 4'x8', in Php)

Thickness (Inch/ mm)	Region	Average	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1/4 (6.35)	NCR	500.31	566.25	520.00	471.25	509.90	443.50	494.12	455.71	518.27	476.67	594.42	512.42	441.25
	CAR	363.87	337.40	342.00	342.00	353.00	353.00	359.00	385.00	389.00	389.00	389.00	364.00	364.00
	R-1	360.35	362.50	342.50	319.00	342.50	332.00	316.50	549.00	348.50	352.00	352.67	353.58	353.50
	R-2	328.60	317.31	315.27	315.27	321.03	325.19	322.02	326.31	328.81	343.15	341.40	338.90	348.53
	R-3	323.53	314.80	316.33	328.25	329.76	331.33	331.33	323.72	330.00	338.70	342.00	336.16	260.00
	R-4A	328.21	322.50	325.00	318.33	318.33	321.25	329.50	320.00	321.25	336.83	344.19	338.13	343.23
	R-4B	371.32	353.54	353.54	353.54	330.12	371.87	351.25	370.16	397.50	392.19	392.73	396.66	392.73
	R-5	357.78	341.67	341.67	341.67	365.00	361.67	361.67	361.67	361.67	361.67	361.67	366.67	366.67
	R-6	354.01	361.64	349.53	289.92	332.00	375.86	373.93	353.46	353.46	360.46	364.21	368.95	364.68
	R-7	296.00	296.00	296.00	296.00	296.00	296.00	296.00	296.00	296.00	296.00	296.00	296.00	296.00
	R-8	367.29	330.00	372.50	367.50	372.50	372.50	372.50	372.50	372.50	367.50	367.50	370.00	370.00
	R-9	353.33	350.00	350.00	350.00	350.00	355.00	355.00	355.00	355.00	355.00	355.00	355.00	355.00
1/2 (12.7)	NCR	574.11	580.00	580.00	580.00	580.00	580.00	580.00	580.00	580.00	580.00	580.00	580.00	509.37
	CAR	599.75	578.00	574.00	574.00	568.00	569.00	569.00	569.00	638.00	638.00	638.00	641.00	641.00
	R-1	639.09	607.50	637.50	569.00	637.50	620.00	590.00	632.50	653.00	672.50	672.50	688.58	688.50
	R-2	572.44	577.76	562.46	562.21	569.95	580.78	573.09	584.12	573.09	515.69	597.67	585.59	586.84
	R-3	548.10	537.80	457.49	576.87	548.83	550.58	550.58	475.38	571.00	558.88	567.77	591.00	591.00
	R-4A	609.11	568.33	595.00	591.67	591.67	607.50	601.33	620.00	607.50	628.33	637.81	663.75	596.40
	R-4B	652.53	629.16	629.16	629.16	566.00	660.83	615.42	697.77	570.00	704.99	702.40	723.00	702.44
	R-5	623.47	633.33	633.33	633.33	661.67	603.33	603.33	603.33	603.33	603.33	603.33	650.00	650.00
	R-6	608.36	587.67	603.25	587.00	649.53	579.52	607.29	605.61	605.61	608.57	628.75	621.67	615.88
	R-7	550.00	550.00	550.00	550.00	550.00	550.00	550.00	550.00	550.00	550.00	550.00	550.00	550.00
	R-8	618.75	650.00	650.00	335.00	650.00	650.00	650.00	650.00	650.00	635.00	635.00	635.00	635.00
	R-9	682.56	687.67	687.67	687.67	687.67	680.00	680.00	680.00	680.00	680.00	680.00	680.00	680.00
	R-10	572.33	551.58	551.58	551.58	551.58	551.58	737.50	520.83	575.53	609.00	570.83	530.83	565.55
	R-11	593.75	515.00	515.00	515.00	515.00	515.00	650.00	650.00	650.00	650.00	650.00	650.00	650.00
	R-12	230.50	230.50	230.50	230.50	230.50	230.50	230.50	230.50	230.50	230.50	230.50	230.50	230.50
	R-13	473.60	461.00	461.00	461.00	462.50	524.58	524.58	463.50	465.00	465.00	465.00	465.00	465.00

Table 4.05 MONTHLY RETAIL PRICES OF LAUAN PLYWOOD: 2014 (concluded)
(Ordinary " C", 4'x8', in Php)

Thickness (Inch/ mm)	Region	Average	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
3/4 (19.05)	NCR	748.85	700.00	788.33	765.00	758.00	827.80	755.33	759.20	747.33	728.33	718.28	716.85	721.71
	CAR	1,006.58	976.00	989.00	989.00	1,143.00	1,005.00	995.00	995.00	997.00	997.00	997.00	998.00	998.00
	R-1	1,053.33	945.50	1,012.00	966.00	1,012.00	1,024.00	990.00	1,075.00	1,075.00	1,150.00	1,139.33	1,125.65	1,125.50
	R-2	988.27	981.38	955.85	960.92	956.36	991.36	971.77	991.36	991.37	1,021.37	994.77	1,021.37	1,021.37
	R-3	982.15	928.66	956.16	1,022.00	984.66	977.60	977.60	923.60	1,003.00	992.00	1,020.00	993.13	1,007.33
	R-4A	872.72	931.50	868.63	841.67	841.67	800.00	990.33	625.00	791.25	889.17	963.92	1,023.75	905.79
	R-4B	1,111.74	1,043.00	1,046.66	1,046.66	1,046.66	1,133.33	1,051.67	1,108.33	1,108.33	1,123.33	1,117.91	1,397.08	1,117.91
	R-5	1,009.17	1,008.33	1,008.33	1,008.33	1,061.67	985.00	985.00	985.00	985.00	985.00	985.00	1,056.67	1,056.67
	R-6	932.65	896.25	843.25	915.75	946.19	941.75	948.13	854.75	977.90	971.50	986.00	981.33	929.00
	R-7	880.00	880.00	880.00	880.00	880.00	880.00	880.00	880.00	880.00	880.00	880.00	880.00	880.00
	R-8	990.00	935.00	935.00	1,055.00	935.00	935.00	935.00	935.00	935.00	1,070.00	1,070.00	1,070.00	1,070.00
	R-9	1,088.67	1,116.00	1,116.00	1,116.00	1,116.00	1,075.00	1,075.00	1,075.00	1,075.00	1,075.00	1,075.00	1,075.00	1,075.00
	R-10	897.79	861.83	861.83	861.83	861.83	861.83	1,026.00	870.58	907.04	956.10	933.33	869.58	901.67
	R-11	779.03	763.33	763.33	763.33	835.00	835.00	768.33	768.33	768.33	768.33	768.33	773.33	773.33
	R-13	860.48	857.5	862.5	862.5	862.5	860.83	860.83	855	860.83	860.83	860.83	860.83	860.83

**Table 4.06 MONTHLY RETAIL PRICES OF MARINE PLYWOOD : 2014
(Php/ Panel)**

Thickness (Inch/ mm)	Region	Average	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1/4 (6.35)	NCR	745.28	758.75	730.00	737.86	752.80	739.66	760.22	750.43	719.50	681.17	763.66	785.25	764.00
	CAR	394.42	377.00	370.00	370.00	389.00	389.00	404.00	404.00	406.00	406.00	406.00	406.00	406.00
	R-1	382.42	360.00	436.00	358.00	362.50	366.00	345.00	377.50	393.00	396.00	393.00	398.50	403.50
	R-2	357.02	363.09	353.75	362.00	349.67	349.67	351.50	352.88	352.88	361.59	368.62	359.29	359.34
	R-3	354.87	348.00	345.78	336.66	342.50	354.83	354.83	361.75	365.00	365.83	369.28	357.00	357.00
	R-4A	394.05	361.67	385.50	362.38	362.38	411.25	425.71	364.17	419.17	414.38	402.60	416.50	402.91
	R-4B	409.99	369.50	427.05	427.05	399.00	420.33	405.17	420.33	424.00	432.00	432.00	429.50	334.00
	R-5	395.78	355.67	355.67	355.67	362.33	416.67	416.67	416.67	416.67	416.67	416.67	410.00	410.00
	R-6	366.16	362.66	341.15	347.50	347.50	381.95	381.95	375.10	375.15	373.08	376.20	374.93	356.75
	R-7	335.00	335.00	335.00	335.00	335.00	335.00	335.00	335.00	335.00	335.00	335.00	335.00	335.00
	R-8	436.21	387.00	437.50	442.50	437.50	437.50	437.50	437.50	437.50	445.00	445.00	445.00	445.00
	R-9	431.66	413.33	413.33	432.33	432.33	432.33	432.33	432.33	432.33	432.33	432.33	432.33	462.33
R-10	R-10	353.52	339.85	339.85	339.85	339.85	339.85	385.75	352.50	350.36	343.10	352.50	337.92	420.83
	R-11	394.30	480.50	480.50	434.50	324.00	324.00	434.50	375.60	375.60	375.60	375.60	375.60	375.60
	R-12	364.54	361.00	361.00	361.00	361.00	366.00	366.00	366.00	366.50	366.50	366.50	366.50	366.50
1/2 (12.7)	CAR	730.50	739.00	739.00	739.00	736.00	736.00	736.00	736.00	721.00	721.00	721.00	721.00	721.00
	R-1	711.74	701.00	670.00	670.00	675.00	698.00	656.00	720.75	724.00	744.00	751.00	765.54	765.54
	R-2	675.67	657.76	657.67	658.25	664.79	673.12	665.59	675.00	693.71	699.84	674.00	694.13	694.13
	R-3	655.12	540.00	577.33	627.00	629.69	679.50	679.50	640.00	687.22	688.20	726.94	693.00	693.00
	R-4A	703.28	695.00	695.00	671.25	671.25	683.13	632.32	677.50	677.50	700.00	778.84	795.50	762.06
	R-4B	730.23	737.22	737.22	737.22	732.50	737.22	774.72	710.83	752.50	710.83	710.83	710.83	710.83
	R-5	743.34	741.67	741.67	741.67	741.67	700.00	700.00	700.00	700.00	700.00	700.00	876.67	876.67
	R-6	792.00	761.29	816.08	783.75	783.75	809.34	809.34	775.68	775.68	772.25	789.13	792.17	835.50
	R-7	629.00	629.00	629.00	629.00	629.00	629.00	629.00	629.00	629.00	629.00	629.00	629.00	629.00
	R-8	700.33	677.00	677.00	725.00	677.00	677.00	677.00	677.00	677.00	735.00	735.00	735.00	735.00
	R-9	812.73	778.00	778.00	819.67	819.67	819.67	819.67	819.67	819.67	819.67	819.67	819.67	819.67
	R-10	660.63	630.58	630.58	630.58	630.58	630.58	726.50	652.83	680.80	659.78	674.72	624.58	755.42
R-11	R-11	630.95	642.00	635.00	635.00	635.00	509.38	633.33	633.33	633.33	696.40	638.33	638.33	641.96
	R-12	632.90	627.50	627.50	627.50	629.00	635.33	635.33	636.00	635.33	635.33	635.33	635.33	635.33
3/4 (19.05)	NCR	1,153.63	1,190.00	1,133.33	1,149.17	1,156.62	1,133.80	1,150.80	1,161.28	1,172.89	950.00	1,216.80	1,218.00	1,210.83
	CAR	1,150.42	1,198.00	1,154.00	1,154.00	1,154.00	1,157.00	1,167.00	1,142.00	1,175.00	1,126.00	1,126.00	1,126.00	1,126.00
	R-1	1,104.52	1,059.50	1,120.00	1,046.00	1,120.00	1,125.00	1,022.50	1,113.00	1,159.00	1,153.00	1,184.00	1,203.87	948.37
	R-2	1,133.85	1,085.25	1,082.69	1,070.95	1,086.61	1,126.27	1,123.27	1,161.20	1,153.83	1,171.75	1,164.12	1,183.63	1,196.63
	R-3	1,051.95	1,019.62	989.58	974.66	1,021.47	1,021.47	1,021.47	1,063.22	1,133.00	1,075.53	1,067.41	1,118.00	1,118.00
	R-4A	1,113.19	1,082.50	1,086.88	1,094.38	1,094.38	1,024.38	1,080.59	1,128.75	1,150.00	1,146.66	1,144.00	1,186.88	1,138.90
	R-4B	1,216.67	1,160.00	1,160.00	1,160.00	1,160.00	1,160.00	1,150.00	1,150.00	1,300.00	1,300.00	1,300.00	1,300.00	1,300.00

Table 4.06 MONTHLY RETAIL PRICES OF MARINE PLYWOOD : 2014 (concluded)
(Php/ Panel)

**Table 4.07 MONTHLY RETAIL PRICES OF LAWANIT: 2014
(Php/ Panel)**

Table 4.08 MONTHLY RETAIL PRICES OF PLYBOARD: 2014
4'x8'x3/4"
(Php/ Panel)

**Table 4.09 MONTHLY RETAIL PRICES OF FUELWOOD AND CHARCOAL: 2014
(Php/ Unit)**

**Table 4.10 MONTHLY RETAIL PRICES OF SELECTED NON-TIMBER FOREST PRODUCTS: 2014
(Php/ Unit)**

Table 4.10 MONTHLY RETAIL PRICES OF SELECTED NON-TIMBER FOREST PRODUCTS: 2014 (concluded)
(Php/ Unit)

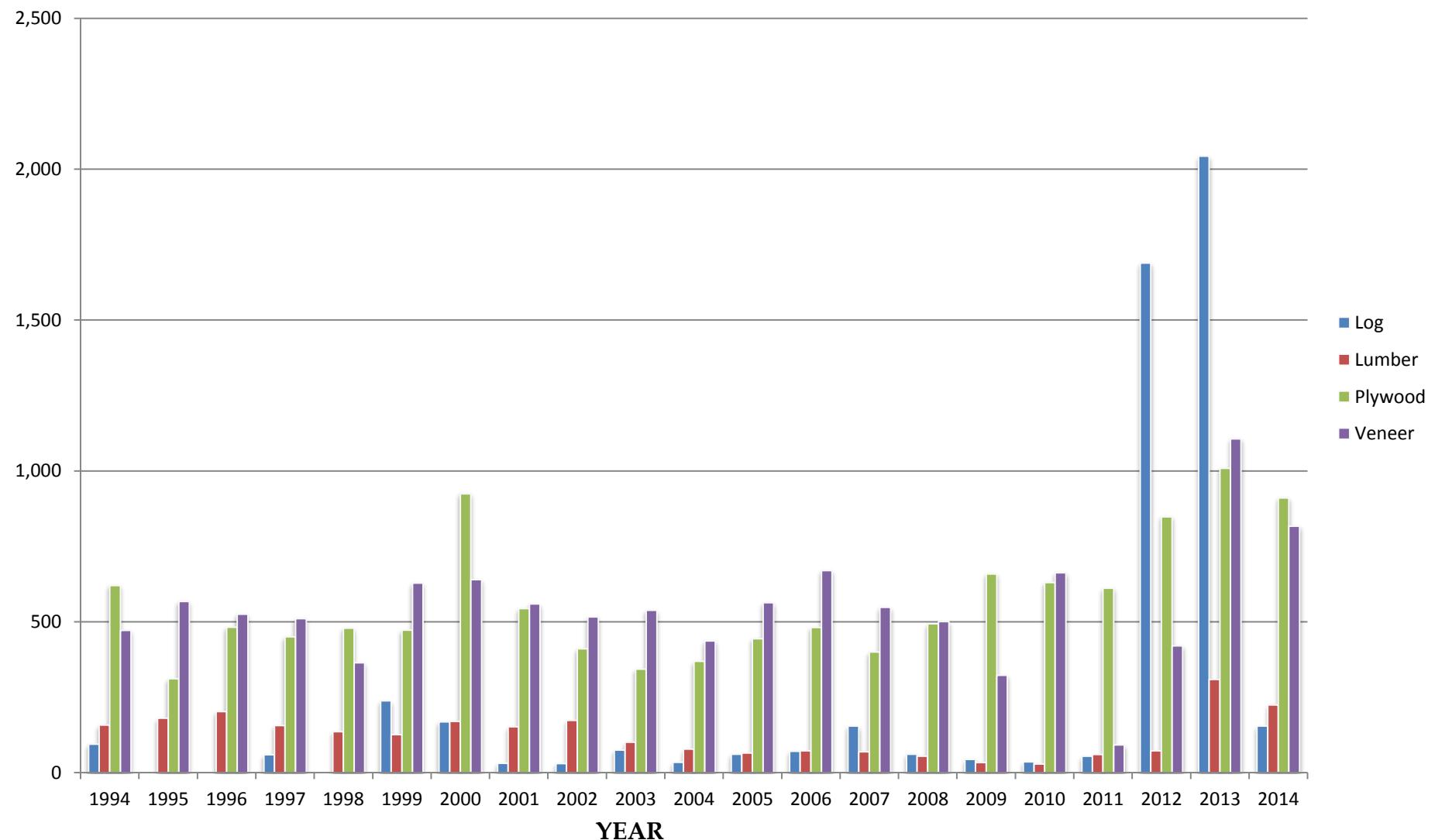
Product/ Region	Unit	Average	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Nipa Shingle	Piece													
NCR		40.00	40.00	40.00	40.00	40.00	40.00	40.00	40.00	40.00	40.00	40.00	40.00	40.00
R-1		4.24	4.25	4.25	4.25	4.20	4.00	4.20	4.25	4.20	4.35	4.35	4.35	4.35
R-2		1.84	2.05	2.05	2.00	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75
R-3		6.88	7.27	8.47	5.45	4.60	5.02	5.02	5.81	4.05	4.05	5.80	13.50	13.50
R-4A		6.09	6.00	6.15	6.15	6.15	6.23	5.53	6.43	6.03	6.03	6.06	6.06	6.28
R-4B		5.06	5.28	5.28	5.28	5.85	5.28	5.14	4.88	4.95	4.16	4.88	4.88	4.88
R-5		5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00
R-6		5.22	5.14	4.50	5.75	5.01	5.69	5.78	5.26	5.45	5.42	5.17	4.75	4.75
R-7		3.17	2.12	2.12	2.12	2.12	2.12	2.12	2.12	2.12	5.27	5.27	5.27	5.27
R-8		13.21	9.00	9.00	17.00	17.50	17.50	17.50	17.50	17.50	9.00	9.00	9.00	9.00
R-9		5.22	3.66	3.66	3.66	3.66	3.66	6.33	6.33	6.33	6.33	6.33	6.33	6.33
R-10		5.77	5.59	5.59	5.59	5.59	5.59	5.50	5.74	5.62	5.44	6.40	6.80	5.78
R-11		7.99	8.38	7.48	7.38	8.19	7.38	8.33	9.50	9.50	6.50	6.88	6.92	9.38
R-13		6.13	3.50	6.00	6.00	6.00	6.50	6.50	6.50	6.50	6.50	6.50	6.50	6.50
Nito	Kilo													
R-8		3.90	3.90	3.90	3.90	3.90	3.90	3.90	3.90	3.90	3.90	3.90	3.90	3.90
R-11		35.00	35.00	35.00	35.00	35.00	35.00	35.00	35.00	35.00	35.00	35.00	35.00	35.00
Salago	Kilo													
R-6		14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00
Sawali	Square Foot													
R-1		3.87	3.62	3.62	3.62	3.62	4.00	4.00	4.00	5.25	3.70	3.68	3.64	3.64
R-2		3.11	3.11	3.11	3.11	3.11	3.11	3.11	3.11	3.11	3.11	3.11	3.11	3.11
R-3		5.91	6.46	9.51	6.58	5.57	5.02	5.02	6.16	4.39	5.82	5.09	5.65	5.65
R-4A		3.51	2.91	3.67	3.67	3.67	3.61	4.36	3.05	3.53	3.53	3.53	3.53	3.06
R-4B		15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00
R-5		13.06	4.23	4.23	4.23	16.00	16.00	16.00	16.00	16.00	16.00	16.00	16.00	16.00
R-7		4.55	4.55	4.55	4.55	4.55	4.55	4.55	4.55	4.55	4.55	4.55	4.55	4.55
R-8		7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00
R-9		4.03	4.03	4.03	4.03	4.03	4.03	4.03	4.03	4.03	4.03	4.03	4.03	4.03
R-10		6.13	5.59	5.59	5.59	5.59	5.59	5.28	8.67	6.68	6.68	6.45	6.20	5.69
R-11		4.46	4.46	4.43	4.72	4.37	4.38	4.40	4.40	4.44	4.44	4.23	4.47	4.81

**Table 4.11 MONTHLY RETAIL PRICES OF RATTAN: 2014
(Php/ Pole)**

Species	Region	Average	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
KALAPI														
2 cm & above	R-10	23.00	23.00	23.00	23.00	23.00	23.00	23.00	23.00	23.00	23.00	23.00	23.00	23.00
	R-13	18.83	18.00	18.00	18.00	18.00	18.00	18.00	18.00	18.00	18.00	18.00	23.00	23.00
below 2 cm	R-10	13.00	13.00	13.00	13.00	13.00	13.00	13.00	13.00	13.00	13.00	13.00	13.00	13.00
	R-13	8.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	13.00	13.00
LIMURAN														
2 cm & above	CAR	7.75	7.75	7.75	7.75	7.75	7.75	7.75	7.75	7.75	7.75	7.75	7.75	7.75
	R2	5.10	8.00	8.00	10.00	10.00	5.00	4.00	4.00	4.00	2.70	2.70	1.40	1.40
	R3	16.50	15.00	15.00	15.00	15.00	15.00	15.00	15.00	25.00	17.00	17.00	17.00	17.00
	R4A	18.00	18.00	18.00	18.00	18.00	18.00	18.00	18.00	18.00	18.00	18.00	18.00	18.00
	R10	24.46	24.00	24.50	24.50	24.50	24.50	24.50	24.50	24.50	24.50	24.50	24.50	24.50
	R11	26.50	25.00	25.00	25.00	26.50	23.50	25.00	28.00	28.00	28.00	28.00	28.00	28.00
	R13	24.00	24.00	24.00	24.00	24.00	24.00	24.00	24.00	24.00	24.00	24.00	24.00	24.00
below 2 cm	CAR	2.25	2.25	2.25	2.25	2.25	2.25	2.25	2.25	2.25	2.25	2.25	2.25	2.25
	R2	2.86	2.00	2.00	4.00	4.00	2.50	3.50	4.00	4.00	2.70	2.70	2.15	0.80
	R3	10.13	9.50	9.50	9.50	9.50	9.50	9.50	9.50	15.00	10.00	10.00	10.00	10.00
	R4A	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00
	R10	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00
	R13	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00
PALASAN														
2 cm & above	R2	5.45	8.00	8.00	10.00	10.00	10.00	4.00	3.50	3.50	2.15	2.15	1.40	2.70
	R3	5.53	7.00	7.00	1.40	1.40	1.40	1.40	1.40	1.40	9.00	9.00	9.00	17.00
	R4A	20.21	20.00	20.00	20.00	20.00	20.00	20.00	20.00	20.00	22.50	20.00	20.00	20.00
	R10	22.13	18.00	22.50	22.50	22.50	22.50	22.50	22.50	22.50	22.50	22.50	22.50	22.50
	R11	26.50	25.00	25.00	25.00	26.50	23.50	25.00	28.00	28.00	28.00	28.00	28.00	28.00
	R13	18.13	17.50	17.50	17.50	17.50	17.50	17.50	17.50	18.33	18.33	18.33	20.00	20.00
below 2 cm	R2	2.81	2.00	2.00	4.00	4.00	4.00	3.50	3.50	3.50	2.15	2.15	0.80	2.15
	R3	3.32	5.00	5.00	0.80	0.80	0.80	0.80	0.80	0.80	5.00	5.00	5.00	10.00
	R4A	15.13	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	16.50	15.00	15.00	15.00
	R10	9.92	9.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00
	R13	8.31	7.75	7.75	7.75	7.75	7.75	7.75	7.75	8.50	8.50	8.50	10.00	10.00
TUMALIN														
2 cm & above	R2	9.06	8.00	8.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	2.70
	R3	10.64	7.00	7.00	15.93	15.93	15.93	15.93	7.00	7.00	9.00	9.00	9.00	9.00
	R4A	25.00	25.00	25.00	25.00	25.00	25.00	25.00	25.00	25.00	25.00	25.00	25.00	25.00
	R10	19.63	15.50	20.00	20.00	20.00	20.00	20.00	20.00	20.00	20.00	20.00	20.00	20.00
	R11	26.50	25.00	25.00	25.00	26.50	23.50	25.00	28.00	28.00	28.00	28.00	28.00	28.00
	R13	11.83	11.83	11.83	11.83	11.83	11.83	11.83	11.83	11.83	11.83	11.83	11.83	11.83
below 2 cm	R2	3.51	2.00	2.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	2.15
	R3	4.88	5.00	5.00	4.64	4.64	4.64	4.64	5.00	5.00	5.00	5.00	5.00	5.00
	R4A	18.00	18.00	18.00	18.00	18.00	18.00	18.00	18.00	18.00	18.00	18.00	18.00	18.00
	R10	6.08	7.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00
	R13	4.09	3.75	3.75	3.75	3.75	3.75	3.75	3.75	4.50	4.50	4.50	4.67	4.67

**Table 4.12 MONTHLY RETAIL PRICES OF BAMBOO: 2014
(Php/ Piece)**

**FIGURE 8. UNIT VALUE OF EXPORTED LOG
AND PROCESSED FOREST PRODUCTS: 1994 - 2014**



NOTE: 1994 - 1997 - Average Unit Value

1998 - 2014 - Unit Value

**Table 4.13 UNIT VALUE OF EXPORTED LOG AND PROCESSED FOREST PRODUCTS: 1994 - 2014
(US dollar/cubic meter)**

Year	Log	Lumber	Plywood 1/	Veneer 2/
2014	154	224	910	817
2013 ^r	2,043	309	1,009	1,106
2012 ^r	1,689	72	848	420
2011	54	60	611	92
2010	36	28	630	662
2009	44	33	664	325
2008	61	54	493	501
2007	154	69	400	548
2006	71	72	481	670
2005	61	65	444	563
2004	34	78	369	436
2003	75	101	343	538
2002	30	173	410	516
2001	31	152	544	559
2000	168	170	924	640
1999	238	126	472	628
1998	-	136	479	364
1997	59	156	450	510
1996	-	202	482	525
1995	-	180	311	567
1994	94	158	620	471

Note: 1994-1997 - Average Unit Value

1998-2007 - Unit Value

1/ - Plywood consisting solely of sheets of wood

2/ - Veneer sheets and corestock for the manufacture of plywood

r - revised

FOREST REVENUES

Table 5.01 FOREST CHARGES ON ROUNDWOOD HARVESTED: 1994 - 2014
(In thousand Php)

Year	Forest Charges
2014	1,610
2013	196
2012	2,485
2011	24,027
2010	153,664
2009	105,867
2008	162,372
2007	172,589
2006	191,878
2005	127,184
2004	229,256
2003	215,110
2002	106,421
2001	164,301
2000	135,100
1999	165,200
1998	190,760
1997	189,659
1996	288,069
1995	574,500
1994	544,564

**Table 5.02 FOREST CHARGES ON ROUNDWOOD HARVESTED: 2014
(In Php)**

Region	Grand Total	Log		
		Total	Sawlog/ Veneer Log	Poles & Piles
Philippines	<u>1,610,442</u>	<u>1,610,442</u>	<u>1,609,212</u>	<u>1,230</u>
CAR	149,557	149,557	149,557	-
Region 2	13,174	13,174	13,174	-
Region 5	36,169	36,169	36,169	-
Region 9	331,817	331,817	331,817	-
Region 11	1,230	1,230	-	1,230
Region 12	12,500	12,500	12,500	-
Region 13	1,065,995	1,065,995	1,065,995	-

**Table 5.03 FOREST CHARGES ON NON-TIMBER FOREST PRODUCTS:1994 - 2014
(In Php)**

Year	Forest Charges
2014	3,042,887
2013	3,513,027
2012	4,272,982
2011	3,647,377
2010	3,197,326
2009	2,918,446
2008	3,605,974
2007	3,902,839
2006	6,386,415
2005	9,194,200
2004	11,522,916
2003	7,441,017
2002	5,221,280
2001	9,307,995
2000	9,153,541
1999	8,898,043
1998	6,966,693
1997	12,173,894
1996	15,250,183
1995	10,403,158
1994	11,452,435

Table 5.04 FOREST CHARGES ON NON-TIMBER FOREST PRODUCTS: 2014
(In Php)

Product/Region	Philippines	CAR	R-2	R-4B	R-5	R-8	R-10	R-11	R-12	R-13
Total	<u>3,042,887</u>	<u>124,470</u>	<u>351,362</u>	<u>970,403</u>	<u>8,120</u>	<u>63,494</u>	<u>21,300</u>	<u>287,161</u>	<u>9,218</u>	<u>1,207,359</u>
Almaciga Resin	610,459	-	-	550,459	-	60,000	-	-	-	-
Bamboo Poles	10,204	10,204	-	-	-	-	-	-	-	-
Split Rattan	689,727	-	-	-	-	-	-	-	-	689,727
Unsplit Rattan	1,732,497	114,266	351,362	419,944	8,120	3,494	21,300	287,161	9,218	517,632

OTHER FORESTRY RELATED STATISTICS

Table 6.01 SUMMARY STATISTICS FOR FORESTRY ESTABLISHMENTS BY INDUSTRY SUB-CLASS: 2012 AND 2010
(Value in '000 pesos. Details may not add-up to total due to rounding and/or statistical disclosure control)

STATISTICS	TOTAL		INDUSTRIES								
			Growing of timber forest species (e.g. gmelina, eucalyptus etc.), planting, replanting, transplanting, thinning and conserving of forest and timber tracts		Operation of forest tree nurseries		Production of roundwood for forest-based manufacturing industries		Support services to forestry		
	2012	2010	2012	2010	2012	2010	2012	2010	2012	2010	
Number of Establishments	25	12	10	7	6	5	3	s	6	-	
Total Employment	1,035	883	460	809	60	74	187	s	328	-	
Paid Employees	688	883	402	809	58	74	186	s	42	-	
Income	215,218	413,204	88,284	382,811	42,598	30,393	78,074	s	6,262	-	
Expense in 2012 ^{a/}											
Total Expense	211,490		95,341		44,375		65,989		5,785		
Total Compensation	57,324		31,708		11,553		12,351		1,712		
Other Expense	154,167		63,633		32,822		53,638		4,074		
Total Compensation in 2010		58,428		44,126		14,302		s	-		
Cost	154,802	214,662	78,617	195,912	30,904	18,750	41,080	s	4,201	-	
Value of Output	188,191	435,605	77,490	404,293	40,118	31,312	64,524	s	6,059	-	
Intermediate Expense	110,722	150,666	58,389	140,141	19,342	10,525	29,708	s	3,283	-	
Value Added	54,632	249,615	8,028	232,710	10,679	16,905	33,058	s	2,867	-	
Gross Addition to Tangible Fixed Assets	5,480	39,185	4,450	36,871	436	2,314	-	s	594	-	
Change In Inventories	387	27,608	14,693	22,490	(1,918)	5,118	(12,515)	s	127	-	
Subsidies	-	3,000	-	3,000	-	-	-	s	-	-	

Notation: - zero

s suppressed

a/ Expenses concept was utilized beginning with the 2012

Source: 2012 Census of Philippine Business and Industry - Agriculture, Forestry and Fishing (Final Results), Philippine Statistics Authority

Table 6.02 SUMMARY STATISTICS FOR MANUFACTURING ESTABLISHMENTS FOR ALL EMPLOYMENT SIZES BY INDUSTRY GROUP: 2012 AND 2010
(Value in '000 pesos. Details may not add-up to total due to rounding and/or statistical disclosure control)

STATISTICS	TOTAL		INDUSTRIES					
			Sawmilling and planning of wood		Manufacture of products of wood, cork, straw and plaiting materials		Manufacture of paper and paper products	
	2012	2010	2012	2010	2012	2010	2012	2010
Number of Establishments	912	764	122	65	449	418	341	281
Employment as of November 15								
Total	43,301	39,874	2,411	2,139	21,611	20,166	19,279	17,569
Paid Employees	42,867	39,384	2,349	2,080	21,464	19,912	19,054	17,392
Total Income in 2012	98,016,860		1,484,149		38,665,013		57,867,698	
Total Revenue in 2010		93,010,123		1,581,400		32,417,107		59,011,616
Expense in 2012								
Total Expense	90,294,633		1,308,662		34,127,473		54,858,498	
Compensation	6,392,064		160,236		2,556,747		3,675,081	
Other Expense	83,902,570		1,148,426		31,570,727		51,183,417	
Total Compensation in 2010		5,545,354		193,396		2,266,329		3,085,629
Total Cost in 2010		77,019,087		1,345,929		24,188,607		51,484,551
Value of Output	97,739,277	89,401,113	1,339,359	1,497,875	38,950,020	28,677,005	57,449,898	59,226,233
Intermediate Expense in 2012	76,910,729		949,103		29,520,527		46,441,099	
Intermediate Cost in 2010		66,253,762		1,052,782		20,936,136		44,264,844
Value Added	17,292,979	19,074,575	303,875	361,471	8,208,814	6,453,600	8,780,290	12,259,504
Gross Addition to Tangible Fixed Assets	1,210,209	4,396,052	17,526	97,561	381,692	3,025,784	810,991	1,272,707
Change In Inventories	1,400,884	2,218,355	13,624	(31,614)	673,517	1,020,687	713,743	1,229,282
Subsidies	8	-	-	-	8	-	-	-

Notation: - zero

Source: 2012 Census of Philippine Business and Industry - Manufacturing Sector for all Establishments (Final Results), Philippine Statistics Authority

**Table 6.03 GROSS DOMESTIC PRODUCT (GDP) AND GROSS VALUE ADDED (GVA) IN FORESTRY: 1998 - 2014
(In million Php)**

Year	At Constant 2000 Prices			At Current Prices		
	GDP	GVA in Forestry	% Share to GDP	GDP	GVA in Forestry	% Share to GDP
2014	7,164,017	5,265	0.07	12,642,736	4,797	0.04
2013	6,750,079	5,261	0.08	11,542,286	4,756	0.04
2012	6,305,229	3,848	0.06	10,561,089	3,238	0.03
2011	5,910,201	3,761	0.06	9,708,332	3,871	0.04
2010	5,701,539	2,676	0.05	9,003,480	2,435	0.03
2009	5,297,240	3,896	0.07	8,026,143	3,758	0.05
2008	5,237,101	3,977	0.08	7,720,903	3,574	0.05
2007	5,028,288	3,894	0.08	6,894,721	4,155	0.06
2006	4,716,231	5,159	0.11	6,271,157	5,126	0.08
2005	4,481,279	4,396	0.10	5,677,750	4,537	0.08
2004	4,276,941	4,275	0.10	5,120,435	4,330	0.08
2003	4,008,469	2,759	0.07	4,548,102	2,123	0.05
2002	3,818,667	2,151	0.06	4,198,345	1,758	0.04
2001	3,684,340	3,016	0.08	3,888,801	2,741	0.07
2000	3,580,714	5,206	0.15	3,580,714	5,206	0.15
1999	3,429,434	3,983	0.12	3,244,197	3,325	0.10
1998	3,326,902	3,413	0.10	2,952,762	2,847	0.10

Source: Philippine Statistics Authority (PSA)

Table 6.04 NUMBER OF SCHOOLS, ENROLLMENT and GRADUATES IN FORESTRY AND OTHER RELATED COURSES: SY 1994 - 2014

School Year	School (No.)	Enrollment			Graduates		
		Total	Male	Female	Total	Male	Female
2013-14 ^{1/}	82	8,203	3,921	4,282	1,006	459	547
2012-13 ^{1/}	87	6,625	3,278	3,347	957	424	533
2011-12	87	5,308	..	..	..	..	..
2010-11	87	6,642	..	..	596	..	..
2009-10	97	5,529	..	..	844	..	..
2008-09	97	5,939	..	..	800	..	..
2007-08	97	5,808	..	..	1,033	..	..
2006-07	78	6,452	..	..	1,131	..	..
2005-06	78	6,849	..	..	..	..	..
2004-05	72	8,259	4,787	3,472	1,233	..	..
2003-04	64	8,457	..	..	1,388 ^r	813	575
2002-03	64	8,170	4,822	3,348	1,497	..	..
2001-02	65	9,056	5,225	3,831	1,271	717	554
2000-01	54	9,037	5,432	3,605	1,298	711	587
1999-00	30	3,731	2,297	1,434	1,209	739	470
1998-99	42	7,684	4,839	2,845 ^r	1,079	701	378
1997-98	45	6,797	4,004	2,793	863	483	380
1996-97	30	4,402	2,739	1,663	772	..	..
1995-96	37	4,892	3,100	1,792	627	334	293
1994-95 [*]	14	1,763	1,011	752	563	298	265

^{1/} - Courses include: Forestry, Agro-forestry, Forest Ranger, Forest Biological Science, Forest Resource Management, Forest Technology

^r - revised

* - SY 1994-1995 - only 14 schools submitted annual school report

.. - Data not available

Source: Commission on Higher Education

Table 6.05 ENROLLMENT AND GRADUATES BY PROGRAM LEVEL IN FORESTRY RELATED COURSES^{1/}:
SY 2009 - 2010 to SY 2012 - 2014

Program Level	2009-2010	2010-2011	2011-2012	2012-2013	2013-2014
Enrollees					
Total	5,529	6,642	5,308	6,625	8,203
Pre-Baccalaureate	825	784	236	724	872
Baccalaureate	4,625	5,778	4,980	5,813	7,098
Masters	58	67	79	87	221
Doctorate	21	13	13	1	12
Graduates					
Total	844	596	...	957	1,006
Pre-Baccalaureate	148	111	...	286	196
Baccalaureate	671	454	...	611	746
Masters	23	28	...	54	58
Doctorate	2	3	...	6	6

^{1/} - Courses include: Forestry, Agro-forestry, Forest Ranger, Forest Biological Science, Forest Resource Management, Forest Technology

.. - Data not available

Source: Commission on Higher Education (CHED)

GLOSSARY

Abandoned logs - logs left within forestlands, alienable and disposable lands and private lands, whose owners or claimants cannot be identified.

Agroforestry – sustainable management of land, which increases their productivity by properly combining agricultural crops with forest crops simultaneously or sequentially over time through the application of management practices which are compatible with the local climate, topography and slope.

Alienable or Disposable Land - land of the public domain, which has been classified and declared as such and available for disposition.

Allowable Cut - volume of materials, whether of wood or non-wood products, that is authorized to be cut or harvested regularly from a forest.

Almaciga Resin - resinous exudates obtained from almaciga (*Agathis philippinensis*).

Annual Log Requirement (ALR) - volume of log needed to sustain the operation of a wood processing plant at full or attainable capacity for a period of one year.

Blockboard - a board having a core of blocks, each not exceeding 2.54 cm. (1 inch) in width, connected or glued face to face to form a slab which is glued between two or more outer piles with the direction of the grain of the core block running at right angle to that of the adjacent outer veneers.

Box Board – any plain, lined, or clay coated paperboard made from chemical and mechanical pulps mixed with reclaimed paper stock, used to produce boxes and other containers.

Brushland – refers to area characterized by discontinuous cover of shrubby and non-wood vegetation including grasses.

Buho – a bamboo species having an erect and thin-walled culm and used (by paper mills in the manufacture of bleach paper) for sawali making, basketry, fences, musical instruments, etc Scientific name: *Schizostachyum lumampao*.

Butt Trimmings – short and round sections left from logs cut into veneer bolts or sawlogs.

Capital Expenditures – for fixed assets include cost of acquisition of new and used fixed assets;fixed assets produced by the establishment for its own use; major alterations, additions and improvements to fixed assets, whether done by others or done on own account.

Change in total inventories – as a derived indicator, is computed as the value of ending inventory less the value of beginning inventory.

Charcoal - a product obtained from the destructive distillation and/or thermal degradation of wood.

Civil Reservations - refer to forest lands which have been proclaimed by the President for a specific purpose such as townsites, resettlement areas, ancestral lands, etc.

Community-Based Forest Management Agreement - an agreement entered into by and between the government and the local community, represented by people's organization, as forest managers, which has a term of twenty 25 years renewable for another twenty 25 years.

Coniferous Wood - all woods derived from trees classified botanically as "Gymnospermae".

Corrugated Board – the fluted paperboard after it has gone through the corrugating operation and before it is pasted to the flat facing board sheets.

Cost - refers to all expenses incurred during the year whether paid or payable. Valuation should be as market price including taxes and other charges, net of discounts, rebates, returns and allowances. Goods and services received by the establishment from other establishment of the same enterprise are valued as though purchased.

Daily Rated Capacity - the maximum volume of output that a mill can produce in one shift of 8 hours based on actual performance of the machinery/equipment, sometimes referred to as true rated capacity.

Diliman - a coarse climbing fern (*Stenochlaena palustris*) of indefinite length whose stem is brown, smooth, generally less than 1 cm. in diameter and sparingly branched.

Elemi - resins exuded by the canarium species, such as pili and piling-liitan of the family Burseraceae; also known as Manila Elemi or Brea Blanca or Green Elemi.

Employment – refers to the average number of persons who worked in or for the establishments during the year; that is, the sum of all persons who worked all months of the year and divided by 12, regardless of the number of months the establishment was in operation during the year.

Employer's Contribution to SSS/GSIS and the like – refers to payments made by the employer on behalf of the employees. Examples are employer's contributions to SSS/GSIS, Employees Compensation Commission (ECC), MEDICARE, PAG-IBIG, and others.

Establishment - is an economic unit which engages under a single ownership or control, i.e., under a single entity in one or predominantly one kind of activity at a single fixed location and having permanency of assets, such as goods for resale, products, materials, equipment, etc. in its premises during operation.

Fiberboard – a generic term for sheet materials of widely varying densities manufactured of refined or partially refined wood or lignocellulosic fibers with the primary bond derived from the interfelting of fibers.

Firewood or Fuelwood – wood intended for use as fuel.

Fixed Assets – physical assets expected to have productive life of more than one year and intended for use and/or being used by the establishment. Included are land, buildings, fixtures, machinery, tool, furniture, office equipment, vehicles, and the like.

Forest – land with an area of more than 0.5 hectare and tree crown cover (or equivalent stocking level) of more than 10 percent. The trees should be able to reach a minimum height of 5 meters at maturity in situ. It consists either of closed forest formations where trees of various storeys and undergrowth cover a high proportion of the ground or open forest formations with a continuous vegetation cover in which tree crown cover exceeds 10 percent. Young natural stands and all plantations established for forestry purposes which

have yet to reach a crown density of more than 10 percent or tree height of 5 meters are included under forest.

Natural Forest – forests composed of indigenous trees, not planted by man.

Broadleaved forest – forest with a predominance (more than 75 percent of tree crown) of trees of broad-leaved species.

Closed forest – formations where trees in the various storeys and the undergrowth cover a high proportion (>40 percent) of the ground and do not have a continuous dense grass layer. They are either managed or unmanaged forests, in advanced state of succession and may have been logged-over one or more times, having kept their characteristics of forest stands, possibly with modified structure and composition.

Open forest – formations with discontinuous tree layer with a coverage of at least 10 percent and less than 40 percent. They are either managed or unmanaged forests, in initial state of succession.

Coniferous forest – forest with predominance (more than 75 percent of tree crown cover) of trees of coniferous species.

Mixed forest – forest in which none of the species groups such as conifer, broadleaved, bamboo and palm accounts for more than 75 percent of the tree crown cover.

Bamboo/palm formation – forest in which more than 75 percent of crown cover consists of bamboo/palm species.

Mangrove forest – forested wetland growing along tidal mudflats and along shallow water coastal areas extending inland along rivers, streams and their tributaries where the water is generally brackish and composed mainly of *Rhizophora*, *Bruguiera*, *Ceriops*, *Avicenia*, *Aegiceras*, and *Aegicera spp.*

Mossy forest – forest stand found principally on high elevations and very rough mountainous regions characterized by steep ridges. The trees are mostly dwarfed with stems and branches usually covered by epiphytes (moss) and dominated by *Podocarpaceae*, *Myrtaceae*, and *Fagaceae*.

Beach forest – a narrow strip of wooded land along the sandy and gravelly beaches of the seacoast dominated by *Terminalia catappa*, *Casuarina equisetifolia*, *Barringtonia asiatica*, *Sonneratia caseolaris*, *Acacia farnesiana* and *Erythrina orientalis*.

Plantation forest – forest stands established by planting or/and seeding in the process of afforestation or reforestation. It may be composed of broadleaved, coniferous, and/or mixed forests.

Young plantation forest – forest plantation where trees have not yet reached a height of five (5) meters.

Open broad-leaved plantation forest – forest plantation where the crown is between 10 to 40 percent of the area.

Medium closed broad-leaved plantation forest – forest plantation where the crown cover is at least 40 percent of the area and less than 70 percent.

Closed broad-leaved plantation forest – forest plantation where the crown cover is above or 70 percent of the area.

Forest Charges – levies imposed by the government on naturally-growing timber and other forest products cut/harvested by the permittee/licensee and from plantations established in compliance with Timber License Agreement (TLA) reforestation obligations. The rate of which is provided under Section 70,71 and 72 of R.A. 7161, otherwise known as the Forest Charges Law.

Forest Land Grazing Management Agreement (FLGMA) - A production sharing agreement between qualified person, association and/ or corporation and the government to develop, manage, and utilize grazing lands.

Special Forest Land Use Agreement (FLAg) - A contract between the DENR & natural or juridical person authorizing the latter to temporarily occupy, manage, and develop subject to government share, any forestland of the public domain for specific use to undertake any authorized activity therein for a specified period.

Forest Land Use Agreement for Tourism Purposes (FLAgT) - A contract between the DENR & natural or juridical person authorizing the latter to develop, manage, subject to government share, any forestland of the public domain for tourism purposes to undertake any authorized activity therein for a specified period. It shall include special forest landuses as bathing establishment, campsite, hotel site etc.

Forest Products - goods and services derived from the forest such as but not limited to timber, lumber, veneer, plywood, fiberboard, pulpwood, firewood, bark, tree top, resin gum, wood oil, honey, beeswax, nipa, rattan or other forest growth such as grass, shrub and flowering plant, the associated water, fish, game, scenic, historical, and educational.

Forest Based Products - manufactured articles which mainly use raw materials derived from forest.

Forest Reservation - forest land which has been reserved by the President of the Philippines for any specific purpose or purposes.

Forestry Services – fishpond, zonification, fire protection service, forest tree economics, marketing service, timber cruising, timber inventory and wood technology services.

Game Refuge - refers to a forest land designated for the protection of game animals, birds and fish and closed to hunting and fishing in order that the excess population may flow and restock surrounding areas.

Grazing Land - refers to that portion of the public domain which has been set aside, in view of its topography and vegetation, for raising of livestock.

Gross Addition to Fixed Assets - is equal to capital expenditures for the year less the value of sales of fixed assets during the year.

Gross Value Added - total payment to factors of production namely: wages, interest, profit and rent. It also includes capital consumption allowances and indirect taxes. It can be estimated by deducting from the gross value of output the sum of non-factor cost such as raw materials and supplies, containers and packing materials, fuel, advertising and other non-industrial overhead cost.

Household and Sanitary Paper - includes absorbent paper, creped or uncreped, sometimes embossed, made from bleached or unbleached chemical wood pulp, sometimes with the mixture of pulp from wastepaper and mechanical pulp. Examples are napkin, facial tissues, etc.

Industrial Tree Plantation (ITP) - refers to any tract of forestland and other public and private lands planted to timber producing species including rubber, and/or non-timber species such as rattan, bamboo primarily to supply the raw material requirements of existing or proposed forest-based industries, and energy-generating plants, and related industries, as well as for export.

Integrated Forest Management Agreement (IFMA) - an agreement entered into by the DENR and a qualified person to occupy and possess in consideration of a specified rental, any forestland of the public domain in order to establish an industrial forest.

Type I IFMA Areas - IFMA Areas that do not contain any Residual Production Forest and are for IFP establishment and management and protection forest, if any, and

Type II IFMA Areas - IFMA Areas that contain Residual Production Forest and are for Industrial Forest Plantation (IFP) establishment, sustainable management of the Residual Production Forest and protection of Protection Forest.

Land Use – the manner of utilization of land, including its allocation, development and management.

Lease - a privilege granted by the state to a person to occupy and posses in consideration of specified rental, any forest land of the public domain in order to undertake any authorized activity therein.

License - a privilege granted by the State to a person to utilize forest resources within forest land, without any right of occupation and possession over the same, to the exclusion of others, or establish and operate a wood processing plant or conduct any activity involving the utilization of any forest resources.

License Agreement - a privilege granted by the State to a person to utilize forest resources within any forest land with the right of possession and occupation thereof to the exclusion of others, except the government, but with the corresponding obligation to develop and protect.

License, Mangrove Timber - a license issued for the cutting and utilization of mangrove timber species.

License, Miner's Timber - a license issued by the Department of Environment and Natural Resources for the cutting and utilization of timber for mining purposes.

License, Non-Timber Forest Product - a license issued for the cutting and utilization of any forest products other than timber within a public forest or forested land.

License, Ordinary Timber - a short term commercial license for timber.

License, Private Land Timber - a license issued for the cutting and commercial utilization of timber in a private land the title of which is not registered with the Bureau.

License, Provisional Timber - a short term license issued by the Secretary of Environment and natural Resources over area previously under ordinary license where field evaluation has not been undertaken or completed due to fortuitous events or where the area is covered by mining claim and the claimant does not need timber for mining purposes and commercializes it or waives his right to another who is qualified to acquire a timber license.

License, Agreement, Pulpwood - similar to timber license agreement except that it is primarily for the cutting of pulpwood.

License, Softwood Timber - a license issued for the cutting within forest land of selected timber species suitable and used solely for "bakya", matchsticks,

carvings and similar purposes.

License, Special Timber - license issued for the utilization of a class of timber or other forest products not otherwise authorized under an existing license, or for the cutting of timber and other forest products within alienable or disposable and private lands, or for the removal of timber and other forest products incident to researches in experimental forest, or for small sawmills to supply the needs of communities far from big sawmills.

License Agreement, Timber - a long term license executed by and between the Secretary of Environment and Natural Resources on behalf of the government and the grantee for the harvesting and removal from the public forest of timber, and in appropriate cases also of other forest products..

Log – Any section of the bole, a large branch, or a felled tree after cross cutting with at least 15 centimeters in diameter and 1.5 meters in length.

Log Trims – short and round sections left from logs cut into veneer bolts or sawlogs.

Log, veneer – logs considered suitable in size and quality for producing sliced or rotary cut veneer.

Logging Wastes - wood residues generated in the course of normal logging operations. This includes tree tops, branches, stumps, trimmings and knocked down trees not within the definition of merchantile logs.

Lumber – the product of the saw and planing mill. Not further manufactured other than by sawing, resawing

and passing lengthwise through standard planning machine, crosscutting to length and matching.

Military and Naval Reservation - refers to forest land which has been proclaimed by the President for military purposes, such as Airbase, Campsite, Docks and Harbors, Firing Range, Naval Base, Target Range, Wharves, etc.

Non-Timber Forest Products - all biological materials and derivatives other than timber, which are extracted from forests for human use. Synonymous to Non-wood forest products.

National Park - a forest reservation essentially of natural wilderness character which has been withdrawn from settlement, occupancy or any form of exploitation except in conformity with approved management plan and set aside as such exclusively to conserve the area, preserve the scenery, the natural and historic objects, wild animals and plants therein, and provide enjoyment of these physical features in such area.

Newsprint - uncoated paper, unsized or only slightly-sized containing at least 60% mechanical wood pulp (percent of fibrous content), usually weighing not less than 40g/m² of the type used mainly for the printing of newspaper.

Nipa Shingle - roofing material made from the fronds of nipa palm (*Nypa fruticans*).

Non-coniferous - all woods derived from trees classified botanically as "Angiospermae" eg. narra (*Pterocarpus*), ipil (*Intsia*), kalantas (*Toona*), agoho (*Casuarina*), teak (*Tectona*), bakauan (*Rhizophora*),

apitong (*Dipterocarpus*), tangile (*Shorea*), etc. Also known as broadleaved or hardwood species.

Non-forest – areas with less than 10 percent stocking of forest trees, wild palms, bamboos or brushes.

Other Forestry Activities - the operation of tree nurseries, planting, replanting and conservation of forests; gathering of uncultivated materials such as gums and resins, wild rubber, saps, barks, herbs, wild fruits and flowers, mosses, leaves, needles, reeds and roots; and the concentrating and distilling of sap and charcoal burning when carried on in the forest. Establishments primarily engaged in providing forestry services are included.

Other industrial roundwood - roundwood used for tanning, distillation, matchblocks, poles, pilings, posts, etc.

Other Land with Tree Cover – the land primarily not under forest having more than 0.5 hectare with a canopy cover of more than 10 percent of trees able to reach a height of 5 meters at maturity. It includes urban parks and gardens.

Other Land – land with tree cover less than 5%. It includes agricultural land, pastures, built-up areas, bare areas, grassland, etc.

Natural – land not classified as forest or other wooded land undisturbed by man.

Bare areas – land not covered by (semi) natural or artificial cover. These include, among others,

sand dunes, riverwash, lahar laden areas and rocky or stony areas.

Grassland – areas predominantly vegetated with grasses such as *Imperata*, *Themeda*, *Saccharum spp.*, among others.

Cultivated – land not classified as forest or other wooded land used by man for agriculture or pastures.

Annual cropland- land cultivated with crops with a growing cycle under one year, which must be newly sown or planted for further production after harvesting.

Perennial cropland- land cultivated with long term crops that do not have to be replanted for several years after each harvest; harvested components are not timber but fruits, latex and other products that do not significantly harm the growth of the planted trees or shrubs; orchards, vineyards and palm plantations, coffee, tea, sisal, banana, abaca, etc.

Pastureland – land managed for raising livestock.

Built-up area – composed of areas of intensive use with much of the land covered by structures. It includes cities, towns, villages, strip developments along highways, transportation, power, and communication facilities, and areas occupied by malls, shopping centers, industrial and commercial complexes, and institutions that may, in some instances, be isolated from urban areas.

Other paper and paperboard - includes all sheets made of fibrous materials such as household and sanitary paper, wrapping and packaging paper and paperboard.

Other printing and writing paper - paper except newsprint suitable for printing and business papers writing, sketching, drawing, etc., made from a variety of pulp blends and with various finishes. Included are such papers as those for books and magazine, wall paper based stock, stationery, bank note, manifold, onion skin, typewriter, poster, etc.

Other Wooded Land – lands either with a crown cover (or equivalent stocking level) of 5-10 percent of trees able to reach a height of 5 meters at maturity; or a crown cover (or equivalent stocking level) of more than 10 percent not able to reach a height of 5 meters at maturity (e.g. dwarfed or stunted trees); or with shrubs or bush cover of more than 10 percent.

Shrubland – where the dominant woody vegetation are shrubs, generally of more than 0.5 meter and less than 5 meters in height in maturity and without a definite crown. The growth habit can be erect, spreading or prostrate. The height limits for trees and shrubs should be interpreted with flexibility, particularly the minimum tree and maximum shrub height, which may vary between 5 and 7 meters approximately.

Wooded grassland – areas predominantly vegetated with grasses, such as *Imperata*, *Themeda*, *Saccharum* and where the trees cover is between 5 to 10% of area and their height may reach 5 meters at maturity.

Fallow – refers to woody vegetation resulting from the clearing of natural forest for shifting agriculture. It is an intermediate class between forest and non-forest land uses. Part of the area, which is not under cultivation, may have the appearance of a forest.

Paid Employees - all persons working in the establishment receiving pay as well as those working away from the establishment when paid by and under the control of the establishment. Included are persons whether working full time or part-time. Included are all employees on sick leave, paid vacation or holiday. Excluded are consultants, home workers and workers receiving commissions only.

Paper – a homogenous sheet of felted cellulose fibers bound together by interweaving and through the use of bonding agents, and made in a variety of types

Paper, bristol – type of heavy grade papers possessing higher than average quality characteristics used in the manufacture of invitations, postcards and others.

Paper, cigarette/tipping – paper used to wrap tobacco.

Paper, corrugating medium – a type of paper or paperboard bending into folds or alternate furrows and ridges.

Paper, household and sanitary – includes absorbent paper, creped or uncreped, sometimes embossed, made from bleached or unbleached chemical wood pulp, sometimes with a mixture of pulp. Examples are napkin, facial tissues, etc.

Paper, linerboard – paper or paperboard used as facing material on corrugated or solid paper or paperboard boxes and containers.

Paper, newsprint – uncoated paper, unsized or only slightly sized containing at least 60% mechanical wood pulp (percent of fibrous content), usually weighing not less than 40 g./m.² of the type used mainly for the printing of newspapers.

Paper, printing and writing– paper except newsprint, suitable for printing and business purposes, writing, sketching, drawing, etc., made from a variety of pulp blends and with various finishes; includes paper used for books and magazines, wall paper base stock, etc.

Paper, sack kraft – strong paper made from sulphate pulp and used in the manufacture of single or multi-wall sacks.

Paper/Paperboard, boxboard – all types of paperboard used in the manufacture of boxes.

Paper/Paperboard, corrugating medium – see *Paper, Corrugating Medium*

Paper/Paperboard, linerboard – paper or paperboard used as facing material such as corrugated or solid paper or paperboard boxes and containers.

Paperboard, Bristol/index – a good quality type of cardboard commonly made from plied-together, high rag content papers (called “bristols”) with thickness of more than 0.006 inches.

Paperboard, corrugated – the fluted paperboard after it has gone through the corrugating operation and before

it is pasted to the flat facing board sheets. It is used as protecting, separating, or support medium in packaging fragile items.

Paper and paperboard - products made from pulps and waste paper plus fillers, size colouring matter and other additives as required which may be machine or hand-made in rolls or sheets where the rolls exceed 15 cm. in width and the sheets have no side less than 36 cm.

Paperboard – A thick, heavy-weight, rigid, single, or multi-ply type of paper traditionally made on multi-cylinder paper machine with and without dual head boxes or multi-former arrangements.

Particle Board – a generic term for a material manufactured from wood particles or other lignocellulosic material and a synthetic resin consolidated under heat and pressure.

Pasture lease - a lease issued for the occupancy and use of portion of forest land for pasture purposes, executed by and between the Secretary of Environment and Natural Resources in behalf of the Republic and the grantee as recommended by the Director of the Forest Management Bureau.

Permanent Forest or Forest Reserve - refers to those lands of the public domain which have been the subject of the present system of land classification declared as needed for forest purposes (P.D. 1559).

Permit - A short-term privilege or authority granted by the State to a person to utilize any limited forest resources or undertake a limited activity within any forest land without any right of occupation and

possession therein.

Permit, Special - a short term authority granted by the DENR Secretary or his authorized representative for the cutting, hauling and/or transporting of forest products.

Plantation – forest stands established by planting or/and seeding in the process of afforestation or reforestation.

Plywood - A panel consisting of an assembly of veneer sheets bonded together with the direction of the grain in alternate plies generally at right angles.

Poles and Piles - logs for use as electric post, pier piling, railroad ties, sleepers and the like.

Processing Plant - any mechanical set-up, device, machine or combinations of machines used for the conversion of logs and other forest raw materials into lumber, fiberboard, pulp, paper or other finished wood products .

Provisional Timber Production Agreement - a temporary agreement entered into by and between the DENR Secretary and an expired timber license holder for the continuity of its logging operation pending the issuance of a regular Timber Production Sharing Agreement.

Pulp- A fibrous material produced by mechanically or chemically reducing woody plants into their component parts from which paper is formed.

Pulpwood - any wood cut or prepared primarily for the production of wood pulp.

Rattan – A group of climbing palm species composed mainly of *Calamus* and *Daemonorops spp.* generally found in moist tropical rainforests.

Rattan, split – A flat shaped material, stripped from the skin of a rattan pole, with size ranging from 2 to 10 millimeter or wider in width, usually for weaving and binding.

Rattan, unsplit – rattan canes in its raw form cut into shorter lengths usually 4 meters in length, for ease of handling and transporting; same as unsplit rattan.

Rattan Cutting Contracts – a contract entered into the Secretary of the Department of Environment and Natural Resources and another party to cut, gather and transport rattan.

Rattan poles – see Rattan, unsplit

Recreation area – forest land reservation which has been set aside for the protection, reservation, development and public enjoyment of natural scenery, primitive or natural landscape, wildlife, natural phenomena and other natural attractions.

Reforestation – The establishment of forest plantations on temporarily unstocked lands that are considered as forest. Also called as artificial regeneration.

Revenue/Sales - include cash received and receivable for goods sold and services rendered. For manufacturing, total receipts include value of products sold, value of industrial services done for others, value of goods for resale, interest/dividend income and other revenue. Valuation is at producer's prices (ex-establishment), net of discounts and allowances,

including duties and taxes but excluding subsidies.

Roundwood - wood in its natural state as felled or otherwise harvested, with or without bark, round, split roughly squared or other forms.

Salago bark - bark obtained from the salago species (*Wikstroemia* and *Phaleria spp.*) primarily used in making paper money.

Salaries and Wages – payments whether in cash or in kind, prior to deductions for employees' contribution to SSS/GSIS, withholding tax, and the like, to all employees. Included are total basic pay, overtime pay, and benefits.

Sawlog – a log considered suitable in size and quality for producing lumber.

Sawmill - a wood processing plant used for the conversion of logs/timbers into lumber, or the re-sizing/ripping of lumber , slabs and other wood wastes into desired dimensions and forms.

Sawmill, mini- a sawmill consisting of a headrig with a flywheel diameter not exceeding 106 cm. (42 inches), a bandsaw blade with thickness not exceeding 3 mm. a width of not more than 127 mm. (5 inches), with or without a carriage and a daily rated capacity of not more than 18 cu.m. or 8,000 log carriage or its equivalent, the carriage shall have a gross length of not more than 3.2 m. (10.5 ft.)

Sawmill, regular – a sawmill with a daily rated capacity of at least 10,000 board feet.

Sawnwood – sawnwood including sleepers unplaned, planed, growned, tounged, etc. sawn lengthwise or produced by a profile-chipping process (e.g. planks, beams, joints, boards, rafters, scantlings, loths, boxbounds, “lumber”, etc.) and planedwood, which may also be finger-jointed, tounged or grooved, champered, rabbedted, v-jointed, beaded, etc. Wood flooring is excluded. With few exceptions, sawnwood exceeds 5mm in thickness. (FAO, Yearbook, 1991)

Sawtimber - trees having a diameter at breast height of 35 cm. or larger.

Socialized Industrialized Forest Management Agreement (SIFMA) – refers to an agreement entered into by and between a natural or juridical person and the DENR wherein the latter grants to the former the right to develop, utilize and manage a small tract of forest land, consistent with the principle of sustainable development. (DENR DAO No. 24, Series of 1996)

Special Use Permit- a permit given for special use such as bathing establishment permit, right of way, etc.

Stewardship Agreement - is a contract entered into by and between a forest occupant or community. Forest management association or cooperative and the Government, allowing the farmer land tenure and the right to peaceful occupation, development and management over a designated area.

Subsidies – all special grants in the forms of financial assistance or tax exemption or tax privilege given by the government to aid and develop an industry or production and to protect it against competition.

Timber - Wood material which includes standing trees in a form suitable for construction, carpentry, joinery or for reconversion for manufacturing purposes.

Timberland – includes public forest, permanent forest or forest reserves and forest reservations.

Total Compensation – includes salaries and wages and employer’s contribution to SSS/GSIS, and the like.

Total Employment – includes paid employees and unpaid workers.

Tree Farm - any small forest land or tract of land purposely planted with tree crops.

Upland - highland; ground elevation above the lowlands along rivers or between hills.

Veneer – A thin sheet of wood, plies, sawed or rotary cut from a log or a flitch

Veneer corestock – a thin layer or a sheet of veneer of uniform thickness placed in between the two faces of surface veneer.

Veneer panel – a flat thin piece of material made of veneer joined to form a surface; also known as face or surface veneer.

Veneer plant – a primary wood processing plant used to convert logs into standardized sheets either by peeling or slicing.

Veneer sheet – thin layer of sheets of wood of uniform thickness, usually 5 mm. or less in thickness, usually

peeled or sliced, for use in making plywood for veneering furniture, veneer containers, etc. Also includes sheets composed of two layers of veneer wood bonded together, and veneer lined with paper plastic or textile material. Also included as chipwood (flexible, narrow, thin and even strips of wood of a kind used for plaiting and for making chip-baskets, match-boxes, etc.)

Wastepaper - paper and paperboard which has been used for its original purposes or residues from paper conversion, which could be re-used as a raw material for the manufacture of paper, paperboard, panels, moulded products, etc. and for wrapping, packaging or other purpose with or without further processing.

Watershed – 1) a land area drained by a stream or fixed body of water and its tributaries having a common outlet for surface run-off. 2) A land area drained by a stream or fixed body of water and its tributaries having a common outlet for surface run-off. Also basin, catchments

Watershed, Critical - a drainage area of a river system supporting existing and proposed hydroelectric power, irrigation works or existing water facilities needing immediate protection and rehabilitation. (PD 1559)

Watershed, forest reserve – any watershed area that has been delimited and proclaimed by the President of the Philippines as such to be used exclusively for watershed purposes. Such as watershed forest reserves are withdrawn from entry, sale or other disposition, and no portion thereof shall be excluded except with the concurrence of Congress.

Watershed Reservation - a forest land reservation established to protect or improve the conditions of the water yield thereof or reduce sedimentation (P.D. 1559).

Wetlands – areas of marsh, fen, peat land or water, whether natural or artificial, permanent or temporary, with water that is static, flowing, fresh, brackish or salt, including areas of marine water, with depth not exceeding six meters during low tide.

Marshland – natural area usually dominated by grass-like plants such as cat tails and sedges which are rooted in bottom sediments but emerge above the surface of the water. It contains emergence vegetation and usually develops in zones progressing from terrestrial habitat to open water.

Inland waters – bodies of water surrounded by land (e.g. rivers, lakes, streams, mudflats, ponds/fishponds, dams and reservoirs)

Wilderness Area - refers to land of public domain which have been reserved as such by law to preserve its natural conditions, maintain its hydrologic quality and restrict public use in the interest of national welfare and security.

Wood Processing Plants - a mechanical device, machine, combination of machines or set-up used for the treatment of poles and piles or conversion of logs, and other wood raw materials into lumber, veneer, plywood, wallboard, blockboard, paperboard, pulp paper or other finished wood products.

Wood Pulp - the crude fiber material of one kind or another that is produced either mechanically or

chemically from fibrous cellulose raw material in which paper, paperboard and the like are produced. Commodities included are mechanical, semi-chemical and dissolving wood pulp.

Wood Residues – forms of wood that cannot be marketed at a profit from a given logging or manufacturing operation, under current economic conditions and technological development.

Wood Waste – The collective term for logging and processing wastes.

Wood wool - Long, curly, slender strands of wood used as an aggregate component for particleboard or cement board.



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