

First Draft

Forestry in Guyana

1st and 2nd Quarterly Market Reports 2004
With 2004 Half Yearly Summary



Guyana Forestry Commission

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| <i>GLOSSARY OF TERMS</i> | |
|---------------------------------|---|
| Dressed Lumber | Wood sawn lengthways from logs, further processed by planing, etc. |
| Firewood | Includes parts of trees made up into bundles or loads, or cut in a manner in which it is usual to cut wood for burning, and all refuse wood generally, but does not include straight logs or poles of any kind. |
| Fuelwood | Wood in the rough, from trunks and branches of trees, to be used as fuel for purposes such as cooking, heating and power production. Categorises of Fuelwood are converted to charcoal. |
| Non-timber Forest Products | All biological material, other than timber products, that may be extracted from natural ecosystems, either for commercial purposes, for use within the household or for social, cultural or religious purposes. Also known as Non-wood Forest Products. |
| Piles | Long straight pieces usually destined to be driven into the ground by impact. |
| Poles | Straight pieces of 5m. or more in length taken from tree trunks. They are used principally to support telephone, telegraph and electrical transmission lines and for scaffolding. |
| Posts | Round, hewn, squared or split wood, usually less than 3m in length, but possibly up to 5m, used for fencing, guard rails and the like. |
| Primary Timber | Includes logs, firewood (raw materials), chainsaw lumber, roundwood and splitwood. |
| Round Logs | A bole or a large branch after felling. Under the ITTO definition it is referred to as Industrial Roundwood . |
| Roundwood | Wood in its natural state as felled or otherwise harvested, with or without bark, round, split, roughly squared or in other forms. Roundwood includes spars, posts, poles (Wallaba) and piles (Greenheart, Kakaralli and Mora). |
| Sawnwood | Categorises dressed lumber, undressed lumber, sleepers and pallets. |
| Shingles | Squares of usually Wallaba (<i>Eperua falcata</i>) wood used to construct roofs and for panelling purposes. |
| Spars | Saplings 15-25cm in diameter. |
| Splitwood | Comprises paling and vat staves and shingles. |
| Timber | Includes a tree or any ligneous part of a tree whether standing, fallen or felled, and all wood, whether or not sawn, split, hewn or otherwise cut up or fashioned. |
| Undressed Lumber | Wood in the rough sawn lengthways from logs. |
| Wattles | Saplings less than 8cm in diameter. |

Table 1: Exchange Rate (G\$/ US\$)

| Month | Bank of Guyana | | | Market Exchange Rate | | |
|-----------|----------------|--------|--------|----------------------|--------|--------|
| | Period Average | | | Period average | | |
| | 2002 | 2003 | 2004 | 2002 | 2003 | 2004 |
| January | 189.59 | 191.75 | 196.00 | 187.59 | 191.00 | 196.58 |
| February | 190.25 | 191.89 | 196.14 | 187.93 | 191.98 | 197.26 |
| March | 190.50 | 192.41 | 196.97 | 188.51 | 192.71 | 197.74 |
| April | 190.50 | 193.75 | 197.25 | 187.66 | 192.53 | |
| May | 190.50 | 193.16 | 198.14 | 187.94 | 192.62 | |
| June | 190.51 | 193.45 | 198.43 | 187.97 | 192.77 | |
| July | 190.89 | 193.93 | 198.49 | 188.47 | 192.79 | |
| August | 191.19 | 194.28 | | 188.51 | 192.68 | |
| September | 191.00 | 194.61 | | 188.82 | 192.64 | |
| October | 190.61 | 199.21 | | 189.73 | 195.25 | |
| November | 190.69 | 200.25 | | 190.87 | 195.89 | |
| December | 191.75 | 200.36 | | 190.37 | 195.50 | |
| | | | | | | |

Source: Bank of Guyana.

Note: the Guyana Forestry Commission uses a fixed rate of exchange for each year regardless of fluctuations.

2004's exchange rate is GYD\$194= US\$1

METRIC CONVERSION TABLE

Table 2: Metric Conversion

| | | |
|--|---|-------------------|
| <i>Round Measurements (Logs, etc.):</i> | | |
| 35.3 ft ³ | = | 1 m ³ |
| 27.7 ft ³ (hoppus measurement) | = | 1 m ³ |
| <i>Square Measurements (Lumber, etc.):</i> | | |
| 12 bm | = | 1 ft ³ |
| 423.7 bm | = | 1 m ³ |
| 35.3 ft ³ | = | 1 m ³ |
| <i>Charcoal:</i> | | |
| 2.2 lbs | = | 1 kg |
| 1 Bag (40 lbs) | = | 18 kg |

Summary

- Cumulative log production for the first half of 2004 declined by 12%, with production of Class 1 and Class 3 increasing as compared to the corresponding period in 2003.
- Cumulative Chainsaw Lumber production indicated an increase of 2% during this period as compared to 2003.
- Roundwood production (with the exclusion of Spars) increased by 52%.
- Splitwood production consisted mainly of Paling Staves and Shingles, increasing in production for the period by 52%.
- Charcoal production declined by 25%, while Firewood increased by 41%.
- The cumulative production of Wattles increased in 2004 by 25%.
- Non-timber forest products: Mangrove Bark Production declined by 77%, where as Manicole Palm declined by 20% for the first half of 2004.

FORESTRY'S CONTRIBUTION TO GROSS DOMESTIC PRODUCT

As Table 3 shows, forestry accounted for an average of 4% of GDP with 1995 – 1997 having the highest records of 4.9%, 4.6% and 4.9% respectively. However, the last four years indicate a fairly constant trend.

Table 3: Forestry as a Proportion of Gross Domestic Product 1993 - 2002(G\$ Million)

| | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| GDP at Factor Cost* | 4,104 | 4,450 | 4,676 | 5,048 | 5,360 | 5,270 | 5,426 | 5,352 | 5,474 | 5,536 | 5,500 |
| Forestry | 117 | 197 | 228 | 230 | 264 | 200 | 226 | 189 | 195 | 180 | 183 |
| Forestry as % of GDP | 2.9 | 4.4 | 4.9 | 4.6 | 4.9 | 3.8 | 4.16 | 3.53 | 3.56 | 3.25 | 3.32 |

*GDP measures domestic output exclusive of indirect taxes on goods and services.

Source: Bank of Guyana's Annual Report and Statement of Accounts 2002.

Domestic Production**Forest Products (January – June 2004)**

Table 4 shows, a summary of the production of round logs and forest products for the first half of the year 2004. The information is divided into two quarters. A cumulative six month review is done, comparing Jan – June 2004 with the corresponding period of 2003.

Log production in the first quarter of 2004 declined by 21% from that of the 1st quarter of 2003. The major contributions in the period were in Classes 1 and 3. Log production in the second quarter of 2004 increased by 4% as compared to production in the corresponding period of 2003. However, cumulative production for the first half of the year shows a general decrease in log production of 12 % as compared to 2003 (Table 5).

Chainsaw Lumber production for the first quarter of 2004 increased by 5%; major contributing categories to production are Special Category (Greenheart), Class 1 and Class 2. In the second quarter of 2004 there was a decline in production of 1% compared to the corresponding quarter of 2003. The categories contributing to production are Special Category and Classes 1, 2, and 3. Cumulative production for the first and second quarters of 2004 indicates a general increase in production of 2% (Table 5).

Roundwood production for the first quarter of 2004 increased by 55%, while production in the second quarter of 2004 increased by 47%, compared to those periods in 2003. In both periods Greenheart Piles and Wallaba Poles were the major contributors. The cumulative production for both periods, increased by 52%, compared to 2003. Production figures do not include spars as these are measured in pieces (pcs).

There was an increase in Splitwood production by 37% and 61% in the first and second quarter of 2004, respectively. It can be noted that the production of Shingles is increasing: cumulatively there was an increase of 52% (Table 5).

Production of Charcoal increased in the first quarter of 2004 by 44% but declined by 51% in the second quarter. Cumulative production decreased by 25%. Firewood production saw an increase in both quarters of 18% and 65% respectively. Cumulative production saw an increase of 41%.

Production of Wattles in both the first and second quarter of 2004 increased by 43% and 8%, respectively.

There was no Mangrove Bark production recorded in the first quarter of both 2003 and 2004, while there was some production recorded in the second quarter of 2004. However, production was still below that of the corresponding period in 2003 by 77%.

Manicole Palm saw an increase in production of 27% in the first quarter of 2004 while, in the second quarter production decreased by 50%.

Table 4: Production Volume of Round Logs and Other Forest Products – 1st and 2nd Quarters

| Classification | Unit | 2003-2004 (January-March) | | % Change | 2003-2004 (April- June) | | % Change |
|-----------------------------------|----------------------|------------------------------|-------------------|-------------|----------------------------|-------------------|------------|
| | | 2003 | 2004 | | 2003 | 2004 | |
| Logs | | | | | | | |
| Special Category | | | | | | | |
| Greenheart | m ³ | 20,687.48 | 17,574.18 | (15) | 17,346.60 | 14,211.97 | (18) |
| Other | m ³ | 19,267.06 | 9,124.91 | (53) | 11,155.88 | 4,493.71 | (60) |
| Class 1 | m ³ | 14,471.35 | 23,045.90 | 59 | 12,537.82 | 15,485.92 | 24 |
| Class 2 | m ³ | 45,613.66 | 26,095.36 | (43) | 13,948.00 | 21,381.05 | 53 |
| Class 3 | m ³ | 3,416.86 | 5,946.70 | 74 | 2,859.51 | 4,638.69 | 62 |
| Total | m³ | 103,456.41 | 81,787.05 | (21) | 57,847.81 | 60,211.34 | 4 |
| Chainsaw Lumber | | | | | | | |
| Special Category | | | | | | | |
| Greenheart | m ³ | 1,079.52 | 1,287.06 | 19 | 1,262.72 | 1,142.94 | (10) |
| Other | m ³ | 547.36 | 531.24 | (3) | 636.25 | 479.22 | (25) |
| Class 1 | m ³ | 4,218.05 | 4,264.15 | 1 | 4,921.48 | 4,578.99 | (7) |
| Class 2 | m ³ | 1,091.90 | 1,000.37 | (8) | 1,149.77 | 1,209.93 | 5 |
| Class 3 | m ³ | 487.66 | 724.69 | 49 | 571.75 | 1,042.81 | 82 |
| Total | m³ | 7,424.49 | 7,807.51 | 5 | 8,541.97 | 8,453.89 | (1) |
| Roundwood | | | | | | | |
| Greenheart Piles | m | 34,622.60 | 37,661.66 | 9 | 32,384.32 | 38,598.24 | 19 |
| Kakaralli Piles | m | 7,258.44 | 7,813.54 | 8 | 3,613.93 | 1,805.93 | (50) |
| Mora Piles | m | 0.00 | 0.00 | - | 0.00 | 0.00 | - |
| Wallaba Poles | m | 21,845.73 | 54,232.86 | 148 | 31,507.32 | 59,236.03 | 88 |
| Posts | m | 6,352.32 | 9,074.06 | 43 | 8,449.62 | 14,441.40 | 141 |
| Spars | pcs. | 8,418.58 | 243.84 | (97) | 3,401.57 | 2,898.65 | (15) |
| | | | | | | | |
| Splitwood | | | | | | | |
| Paling Staves | pcs | 83,060.00 | 49,000.00 | (41) | 132,567 | 79,310.00 | (40) |
| Vat Staves | pcs | 0.00 | 0.00 | - | 0.00 | 0.00 | - |
| Shingles | pcs | 0.00 | 64,950.00 | 100 | 0.00 | 133,590.00 | 100 |
| Total | pcs | 83,060.00 | 113,950.00 | 37 | 132,567 | 212,900.00 | 61 |
| Fuelwood | | | | | | | |
| Charcoal | kg | 39,699.02 | 57,116.26 | 44 | 107,137.68 | 52,679.37 | (51) |
| Firewood | m ³ | 2,946.86 | 3,465.15 | 18 | 2,780.13 | 4,581.62 | 65 |
| Other | | | | | | | |
| Wattles | pcs | 21,382.00 | 30,573.00 | 43 | 22,913.00 | 24,678.00 | 8 |
| Non-Timber Forest Products | | | | | | | |
| Mangrove Bark | kg | 0.00 | 0.00 | - | 9,316.78 | 2,120.46 | (77) |
| Manicole Palm | stems | 936,069.00 | 1,187,536.00 | 27 | 1,480,060.00 | 738,100.00 | (50) |

Table 5: Cumulative Production of Round Logs and Other Forest Products - Half Year

| <i>Classification</i> | | <i>Cumulative</i> | | |
|-----------------------------------|----------------------|--------------------------------|--------------------------------|-----------------|
| Logs | <i>Unit</i> | <i>2003 January - June</i> | <i>2004 January - June</i> | <i>% Change</i> |
| Special Category | | | | |
| Greenheart | m ³ | 38,034.08 | 31,786.15 | (16) |
| Other | m ³ | 30,422.94 | 13,618.62 | (55) |
| Class 1 | m ³ | 27,009.08 | 38,531.82 | 43 |
| Class 2 | m ³ | 59,561.66 | 47,476.41 | (20) |
| Class 3 | m ³ | 6,273.37 | 10,585.39 | 69 |
| Total | m³ | 161,302.13 | 141,998.39 | (12) |
| Chainsaw Lumber | | | | |
| Special Category | | | | |
| Greenheart | m ³ | 2,342.24 | 2,430.00 | 4 |
| Other | m ³ | 1,183.61 | 1,010.46 | (15) |
| Class 1 | m ³ | 9,139.55 | 8,843.14 | (3) |
| Class 2 | m ³ | 2,242.65 | 2,210.30 | (1) |
| Class 3 | m ³ | 1,058.44 | 1,767.50 | 67 |
| Total | m³ | 15,965.49 | 16,261.40 | 2 |
| Roundwood | | | | |
| Greenheart Piles | m | 67,006.92 | 76,259.90 | 14 |
| Kakaralli Piles | m | 10,872.37 | 9,619.47 | (12) |
| Mora Piles | m | 0.00 | 0.00 | - |
| Wallaba Poles | m | 53,353.05 | 112,246.08 | 110 |
| Posts | m | 14,828.94 | 23,515.46 | 62 |
| Spars | pcs. | 11,820.15 | 3,142.49 | (73) |
| Splitwood | | | | |
| Paling Staves | pcs | 215,627.00 | 128,310.00 | (40) |
| Vat Staves | pcs | 0.00 | 0.00 | - |
| Shingles | pcs | 0.00 | 198,540.00 | 100 |
| Total | pcs | 215,627.00 | 326,850.00 | 52 |
| Fuelwood | | | | |
| Charcoal | kg | 146,836.70 | 109,795.63 | (25) |
| Firewood | m ³ | 5,726.99 | 8,046.77 | 41 |
| Other | | | | |
| Wattles | pcs | 44,295.00 | 55,152.00 | 25 |
| Non-Timber Forest Products | | | | |
| Mangrove Bark | kg | 9,136.78 | 2,120.46 | (77) |
| Manicole Palm | stems | 2,416,129.00 | 1,925,636.00 | (20) |

Primary Production

Logs

Log production for the first quarter of 2004 is below that of production in the first quarter of 2003 (Table 4, Chart 1). The second quarter of 2004 showed an increase of 4% in production. Log production for the first half of the year declined by 12%. Production had a fluctuating trend, February and March yielding 24% and 23%, respectively, of total log production for the period.

Chart 1: Log Production (January - June 2003/2004)

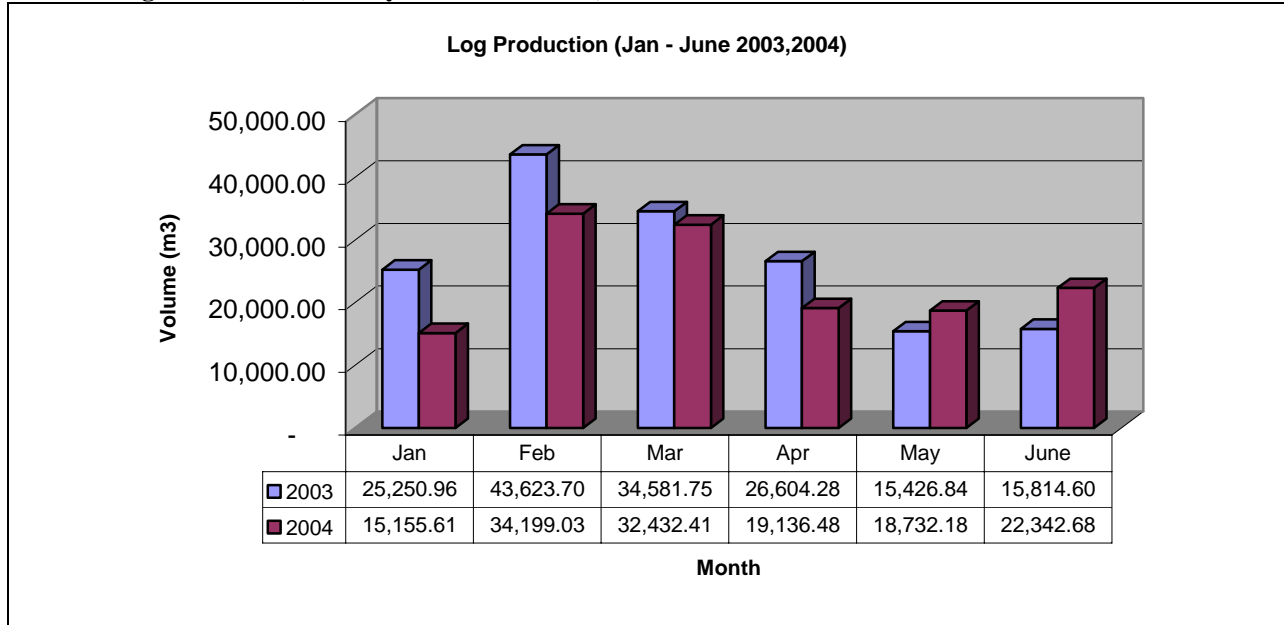
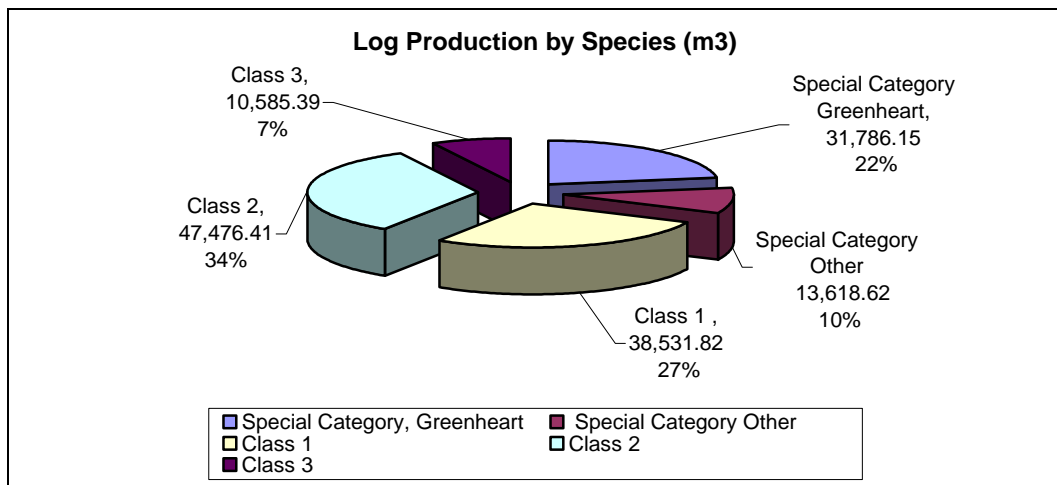


Chart 2 shows log production by species for the first half of 2004. The categorization of species is based on their mechanical and physical properties, uses and commercial value. For the period in review Class 1 (38,531.82 m³) and Class 2 (47,476.41 m³) have the highest production of 34% and 27% respectively, of total logs extract. This was followed by production of Greenheart (31,786.15 m³), Other Special Category species (13,618.62 m³) and Class 3 (10,585.39 m³) with 22%, 10% and 7%, respectively.

Chart 2: Log Production by Species (January – June 2004)



In the Special Category, production was 32% of total logs extracted for the period in review, with Greenheart log production being 22% of total production. In this Category there are only five species. The major species extracted were Greenheart and Purpleheart with 70% and 28% of total volume extracted with respect to its category.

Class 1 accounted for 27% of total production. Among the many species categorized as Class 1, the major species extracted are Mora (42%), Kabukalli (20%), Locust (9%), Shibadan (5%), Tauroniro (5%) and Ulu (5%). Class 2 accounted for 33% of log production for the period. In Class 2 the major species extracted are Baromalli (88%), Wallaba (6%) and Kereti Silverballi (2%). In Class 3, production was 7%, as the species classified in this category are not as widely used as those in the other categories. The species most extracted were Darina (19%), Burada (9%), Limonaballi (19%), and Maho (10%).

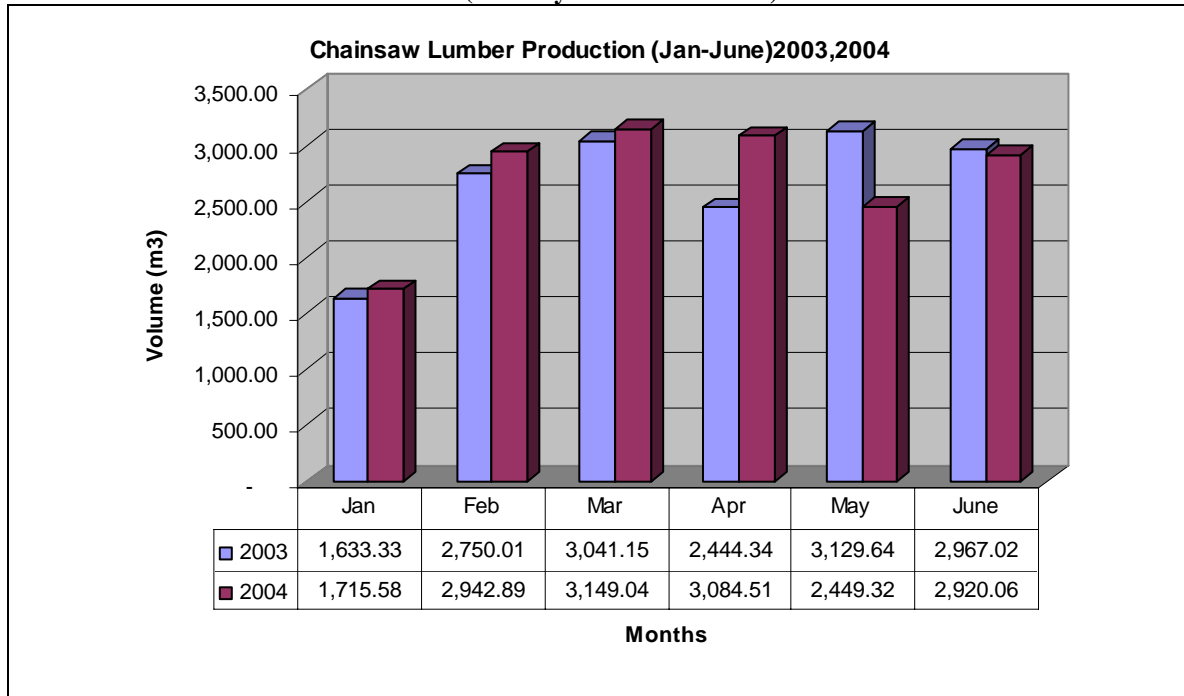
Table 6: Classification of Species extracted (Jan - Jun 2004)

| <i>Category Species</i> | <i>Scientific Name</i> | <i>Special Category</i> | <i>Class 1</i> | <i>Class 2</i> | <i>Class3</i> |
|---------------------------|--------------------------------|-------------------------|----------------|----------------|---------------|
| Greenheart | <i>Chlorocardium rodiei</i> | 31,786.15 | | | |
| Purple heart | <i>Peltogyne venosa</i> | 12,924.61 | | | |
| Kabukalli | <i>Goupia glabra</i> | | 7,677.88 | | |
| Locust | <i>Hymenaea courbaril</i> | | 3,491.06 | | |
| Mora | <i>Mora excelsa</i> | | 16,121.13 | | |
| Shibadan | <i>Aspidosperma album</i> | | 2,209.35 | | |
| Tauroniro | <i>Humiria balsamifera</i> | | 2,115.65 | | |
| Ulu | <i>Tratinickia demerarae</i> | | 2,026.24 | | |
| Baromalli | <i>Catostemma commune</i> | | | 41,745.72 | |
| Kereti Silverballi | <i>Lauraceae spp.</i> | | | 1,028.77 | |
| Wallaba | <i>Eperua falcata</i> | | | 2,966.74 | |
| Darina | <i>Hymenolobium spp.</i> | | | | 1,962.77 |
| Burada | <i>Parinari campestris</i> | | | | 923.46 |
| Limonaballi | <i>Chrysophyllum pomiferum</i> | | | | 2,019.45 |
| Maho | <i>Sterculia spp.</i> | | | | 1,050.01 |
| | | | | | |

Chainsaw Lumber Production

Chainsaw Lumber has shown an increase in production of 5% for the first quarter of 2004, while there was a slight decline of 1% in the second quarter as compared to that of 2003's production figures (Table 4). Chainsaw lumber has a general increase of 2% for the first half of 2004 (Table 5). Production was also generally higher in 2004 as compared to 2003 period in review, May being the only month with production dropping significantly.

Chart 3: Chainsaw Lumber Production (January – June 2003/2004)



Chainsaw Lumber production for the first half of 2004 totaled 16,261.40 m³ of which the Special Category accounted for 21%, Class 1 produced the most output (54%), Class 2 production was 14% and Class 3 was 11% of total.

Chart 4: Chainsaw Lumber by Species (January – June 2004)

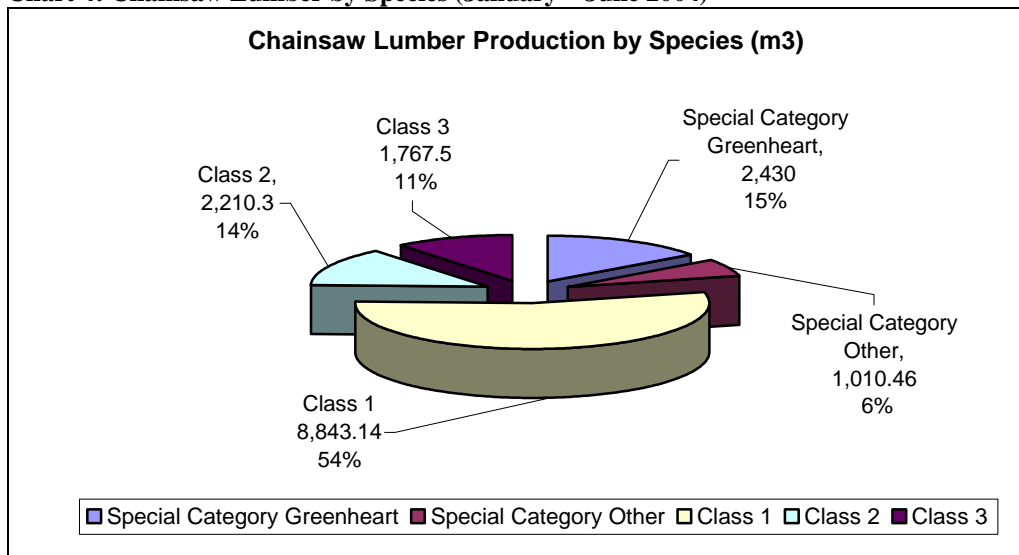


Table 7 indicates which species in which category were predominantly harvested for the production of Chainsaw Lumber within the period. In the Special Category the major species extracted were Greenheart and Purpleheart with 70% and 24%, respectively. While those of Class 1 were Kabukalli (40%) and Tauroniro (23%); and those of Class 2, Kereti Silverballi and Wallaba, with 43% and 42% respectively. In Class 3, species that were extracted the most were Burada and Krokoro, accounted for 20% and 22%, respectively.

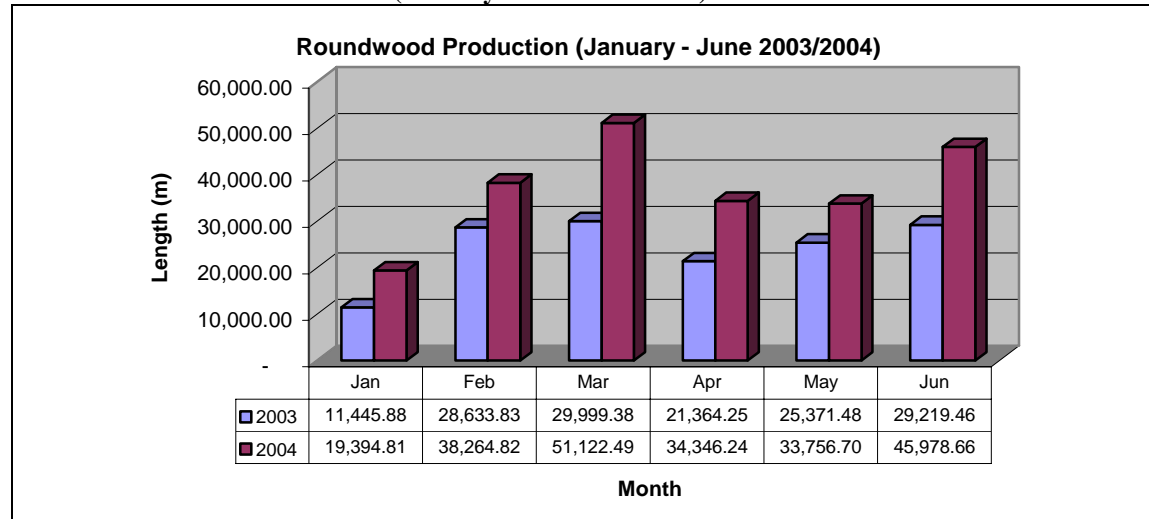
Table 7: Classification of Species extracted (Jan - June 2004)

| Category Species | Scientific name | Special Category (m ³) | Class 1 (m ³) | Class 2 (m ³) | Class 3 (m ³) |
|---------------------|-----------------------------|--|---------------------------|---------------------------|---------------------------|
| Greenheart | <i>Chlorocardium rodiei</i> | 2,430.00 | | | |
| Purple heart | <i>Peltogyne venosa</i> | 814.74 | | | |
| Kabukalli | <i>Goupia glabra</i> | | 3,554.64 | | |
| Tauroniro | <i>Humiria balsamifera</i> | | 2,028.72 | | |
| Kereti Silverballi | <i>Lauraceae spp.</i> | | | 942.07 | |
| Wallaba | <i>Eperua falcata</i> | | | 938.48 | |
| Burada | <i>Parinari campestris</i> | | | | 347.68 |
| Korokoro | <i>Ormosia coutinhoi</i> | | | | 385.30 |

Roundwood Production

Roundwood production for the first and second quarters of 2004 is above production for the corresponding periods in 2003, with March and June having the highest output for the period in review (Table 4). There was a general increase in production of 52% for the first half of 2004 (Table 5).

Chart 5: Roundwood Production (January – June 2003/2004)

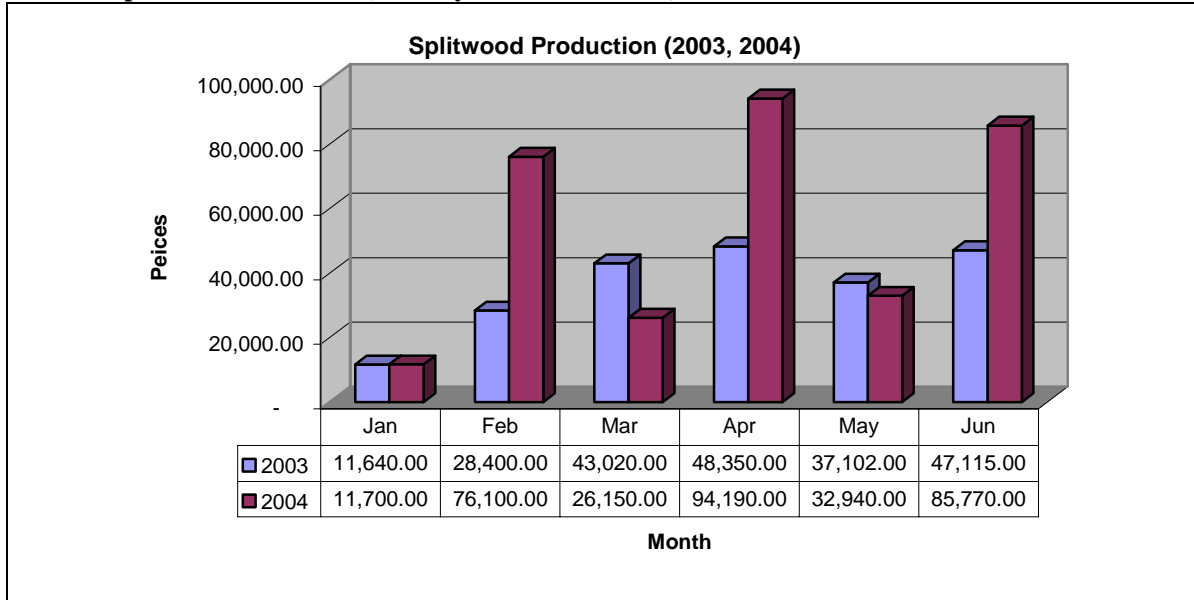


* Monthly production does not include Spars as this is recorded in pieces (pcs)

Splitwood Production

Splitwood production comprised mainly of Paling Staves and Shingles for both the first and second quarter of 2004 (Table 4). Production for the first half of 2004 showed an increase of 52% as compared to 2003's corresponding period (Table 5).

Chart 6: Splitwood Production (January – June 2003/2004)



DOMESTIC PRICES

A mini survey was carried out to assess the current local market prices for a number of Guyana's commercially used wood species. The categories addressed were Logs, Dressed Lumber and Undressed Lumber. The results were as follows:

Table 8: Logs Prices (January – June 2004)

| Species | Average price | |
|-------------------------|---------------------|--------------------|
| | G\$/ft ³ | G\$/m ³ |
| Logs GYD\$ | | |
| Special Category | | |
| Greenheart | 350 | 12,358 |
| Purpleheart | 350 | 12,358 |
| Brown Silverballi | 300 | 10,593 |
| | | |
| Class 1 | | |
| Crabwood | 300 | 10,593 |
| Locust | 240 | 8,474 |
| Kabukalli | 200 | 7,062 |
| Hububalli | 240 | 8,474 |
| Shibadan | 220 | 7,768 |
| Simarupa | 220 | 7,768 |
| Mora | 220 | 7,768 |
| Ulu | 150 | 5,296 |
| Tauroniro | 220 | 7,768 |
| Tatabu | 220 | 7,768 |
| Wamara | 120 | 4,237 |
| Dalli | 120 | 4,237 |
| | | |
| Class 2 | | |
| Baromalli | 120 | 4,237 |
| Kereti Silverballi | 220 | 7,768 |
| Wallaba | | |
| Dukali | 220 | 7,768 |
| | | |
| Class 3 | | |
| Fukadi | 160 | 5,649 |
| Iteballi | 120 | 4,237 |

..... Data unavailable

Table 9: Dressed Sawnwood Prices (January – June 2004)

| Species | Average price | |
|-------------------------|---------------|--------------------|
| | G\$/bm | G\$/m ³ |
| Special Category | | |
| Greenheart | 135 | 57,252.15 |
| Purpleheart | 135 | 57,252.15 |
| Brown Silverballi | 125 | 53,011.25 |
| | | |
| Class 1 | | |
| Crabwood | 90 | 38,168.10 |
| Locust | 90 | 38,168.10 |
| Kabukalli | 90 | 38,168.10 |
| Hububalli | 90 | 38,168.10 |
| Shibadan | 90 | 38,168.10 |
| Simarupa | 90 | 38,168.10 |
| Mora | 90 | 38,168.10 |
| Ulu | | |
| Tauroniro | 85 | 36,047.65 |
| Tatabu | 90 | 38,168.10 |
| Wamara | 85 | 36,047.65 |
| Dalli | 40 | 16,963.60 |
| Deterama | 85 | 36,047.65 |
| Yellow Silverballi | 90 | 38,168.10 |
| Class 2 | | |
| Baromalli | 70 | 29,686.30 |
| Kereti Silverballi | 85 | 36,047.65 |
| Wallaba | 90 | 38,168.10 |
| Pakuri | 65 | 27,565.85 |
| Dukali | 70 | 29,686.30 |
| | | |
| Class 3 | | |
| Fukadi | 60 | 25,445.60 |
| Iteballi | 65 | 27,656.85 |
| Kakaralli | 70 | 29,686.30 |

.... Data unavailable

Table 10: Undressed Sawwood Prices (January – June 2004)

| Species | Average price | |
|-------------------------|---------------|--------------------|
| | G\$/bm | G\$/m ³ |
| Special Category | | |
| Greenheart | 110 | 46,649.90 |
| Purpleheart | 110 | 46,649.90 |
| Brown Silverballi | 80 | 33,927.20 |
| | | |
| Class 1 | | |
| Crabwood | 60 | 25,445.60 |
| Locust | 65 | 27,565.85 |
| Kabukalli | 85 | 36,047.65 |
| Hububalli | 85 | 36,047.65 |
| Shibadan | 85 | 36,047.65 |
| Simarupa | 75 | 31,806.75 |
| Mora | 65 | 27,565.85 |
| Ulu | 50 | 21,204.50 |
| Tauroniro | 60 | 25,445.60 |
| Tatabu | 60 | 25,445.60 |
| Dalli | 40 | 16,963.60 |
| Yellow Silverballi | 65 | 27,565.85 |
| | | |
| Class 2 | | |
| Baromalli | 50 | 21,204.50 |
| Kereti Silverballi | 75 | 31,806.75 |
| Dukali | 45 | 19,084.05 |
| | | |
| Class 3 | | |
| Fukadi | 40 | 16,963.60 |
| | | |
| | | |

.... Data unavailable

Export Volume and Value of Forest Products for the first half of 2004

Table 11: Export Volume of Forest Products for the First and Second Quarters of 2004

| Product | Unit | January – March 2003/2004 | | % Change | April – June 2003/2004 | | % Change |
|-----------|----------------|---------------------------|-----------|----------|------------------------|-----------|----------|
| | | 2003 | 2004 | | | | |
| Logs | m ³ | 4,974.24 | 5,759.63 | 15 | 11,253.89 | 28,246.18 | 151 |
| Sawnwood | m ³ | 5,047.95 | 6,911.27 | 37 | 6,252.11 | 8,730.70 | 40 |
| Roundwood | m ³ | 1,731.70 | 3,066.36 | 77 | 2000.64 | 3,353.38 | 67 |
| Splitwood | m ³ | 541.00 | 327.58 | (40) | 318.96 | 365.61 | 15 |
| Plywood | m ³ | 11,596.54 | 10,411.01 | (10) | 16,165.06 | 15,333.98 | (5) |
| Charcoal | Kg | 9,292.00 | 31,819.00 | 242 | 59,241.00 | 75,137.00 | 27 |

Table 12: Cumulative Volume of Forest Products Export (January – June 2004)

| Product | Unit | Cumulative | | % Change |
|-----------|----------------|------------------------|------------------------|----------|
| | | 2003 January - June | 2004 January - June | |
| Logs | m ³ | 16,228.13 | 34,005.81 | 109 |
| Sawnwood | m ³ | 11300.06 | 15,641.97 | 38 |
| Roundwood | m ³ | 3,732.34 | 6,419.74 | 72 |
| Splitwood | m ³ | 414.31 | 693.19 | 67 |
| Plywood | m ³ | 27,761.60 | 25,744.99 | (7) |
| Charcoal | Kg | 85,264.00 | 106,956.00 | 25 |

Chart 7: Volume of Forest Products Exported (Jan - March)

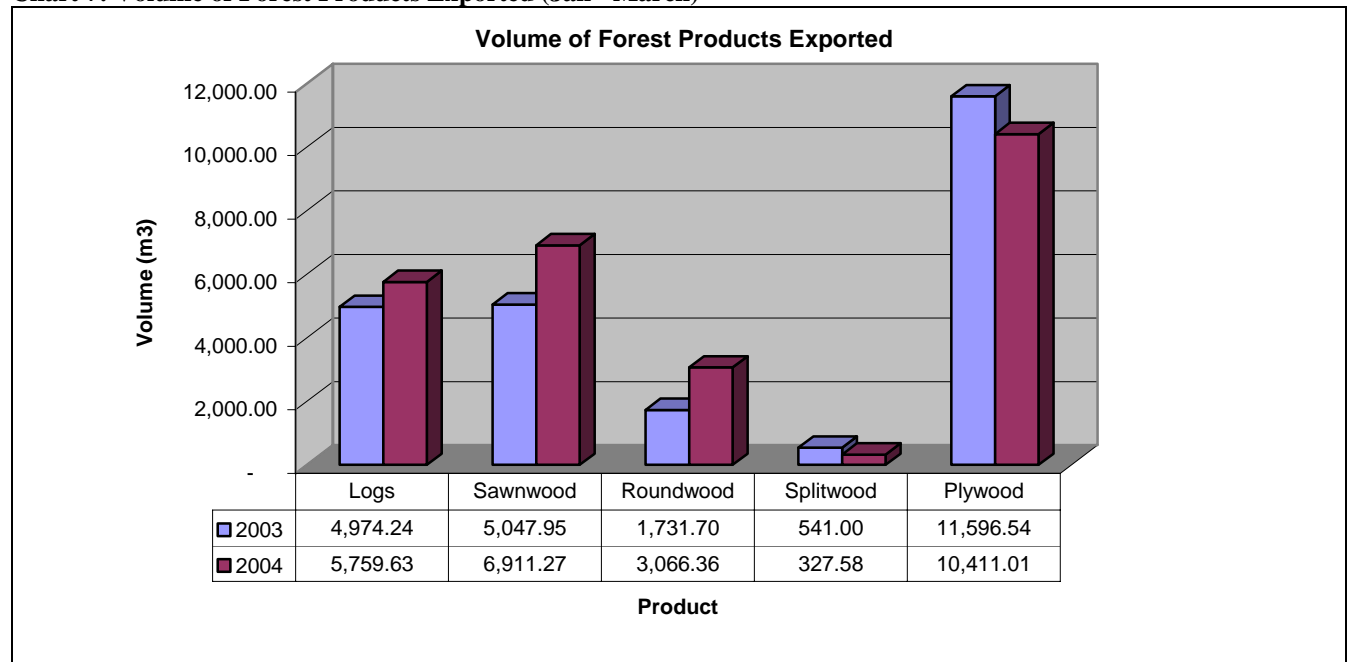


Chart 8: Volume of Forest Products Exported (April – June)

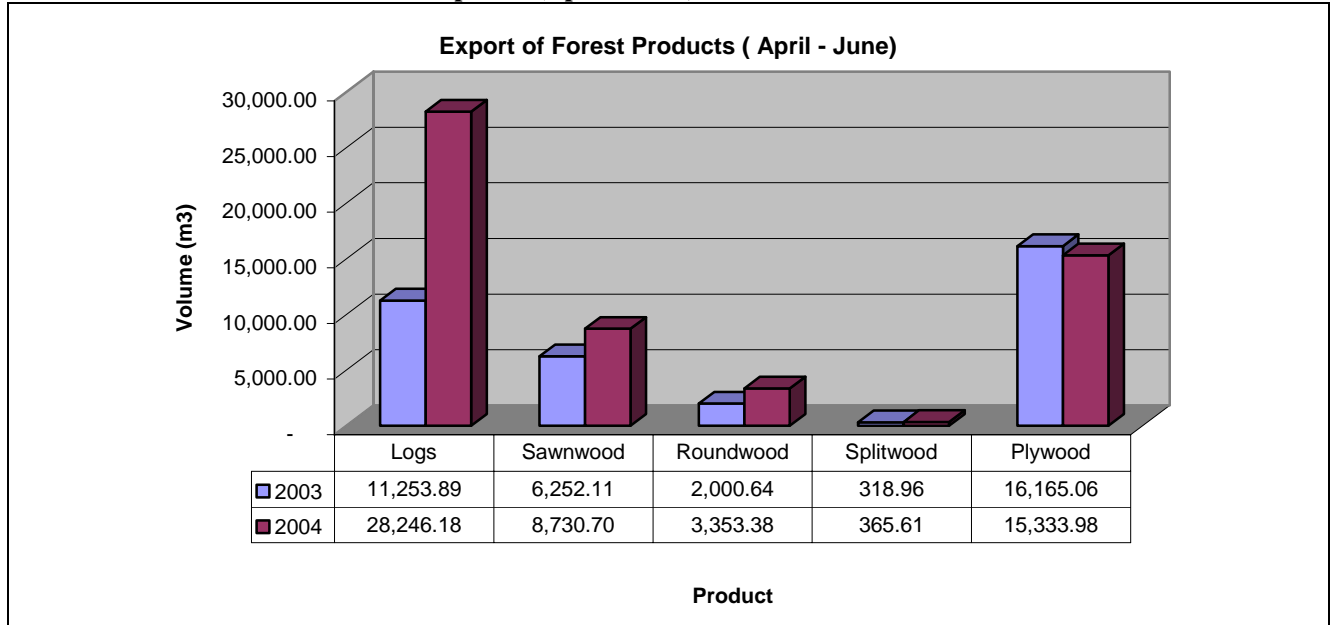


Chart 9: Cumulative Volume of Forest Products Exported (January – June)

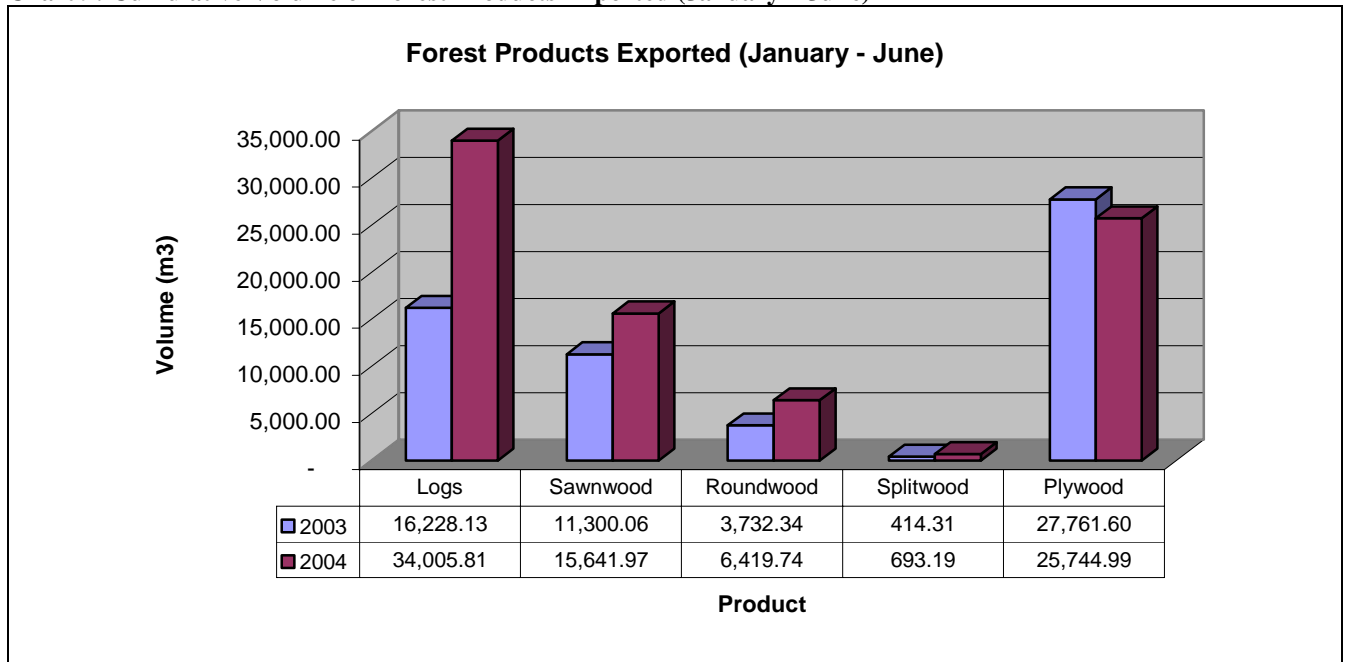


Table 13: Value of Forest Products for the First and Second Quarter of 2004

| Product | January – March 2003/2004 | | % Change | April – June 2003/2004 | | % Change |
|-----------|------------------------------|----------------|-------------|---------------------------|----------------|-------------|
| | 2003 | 2004 | | 2003 | 2004 | |
| | G\$ | G\$ | | G\$ | G\$ | |
| Logs | 82,592,963.00 | 240,076,832.19 | 191 | 193,397,997.00 | 529,182,071.00 | 174 |
| Sawnwood | 369,963,273.00 | 453,770,882.77 | 23 | 424,469,360.00 | 581,259,209.00 | 37 |
| Roundwood | 56,164,684.00 | 113,895,553.38 | 103 | 70,064,209.00 | 127,949,647.00 | 83 |
| Splitwood | 9,383,191.00 | 29,045,184.81 | 210 | 27,373,342.00 | 27,827,747.00 | 2 |
| Plywood | 509,614,191.00 | 557,455,550.28 | 9 | 737,012,741.00 | 980,555,757.00 | 33 |
| Charcoal | 430,080.00 | 1,173,000.00 | 172 | 1,507,657.00 | 2,400,229.00 | 59 |

Table 14: Value of Forest Products for the First Half of 2004

| Product | Cumulative | | % Change |
|-----------|-----------------------|-----------------------|----------|
| | 2003 | 2004 | |
| | January – June G\$ | January – June G\$ | |
| Logs | 275,990,960.00 | 769,258,903.19 | 178 |
| Sawnwood | 794,432,633.00 | 1,035,030,091.77 | 30 |
| Roundwood | 126,228,893.00 | 241,845,200.38 | 92 |
| Splitwood | 36,756,533.00 | 56,872,931.00 | 55 |
| Plywood | 1,246,626,932.00 | 1,538,011,307.28 | 23 |
| Charcoal | 1,937,737.00 | 3,573,229.00 | 84 |

Chart10: Export Value of Forest Products (Jan – Mar)

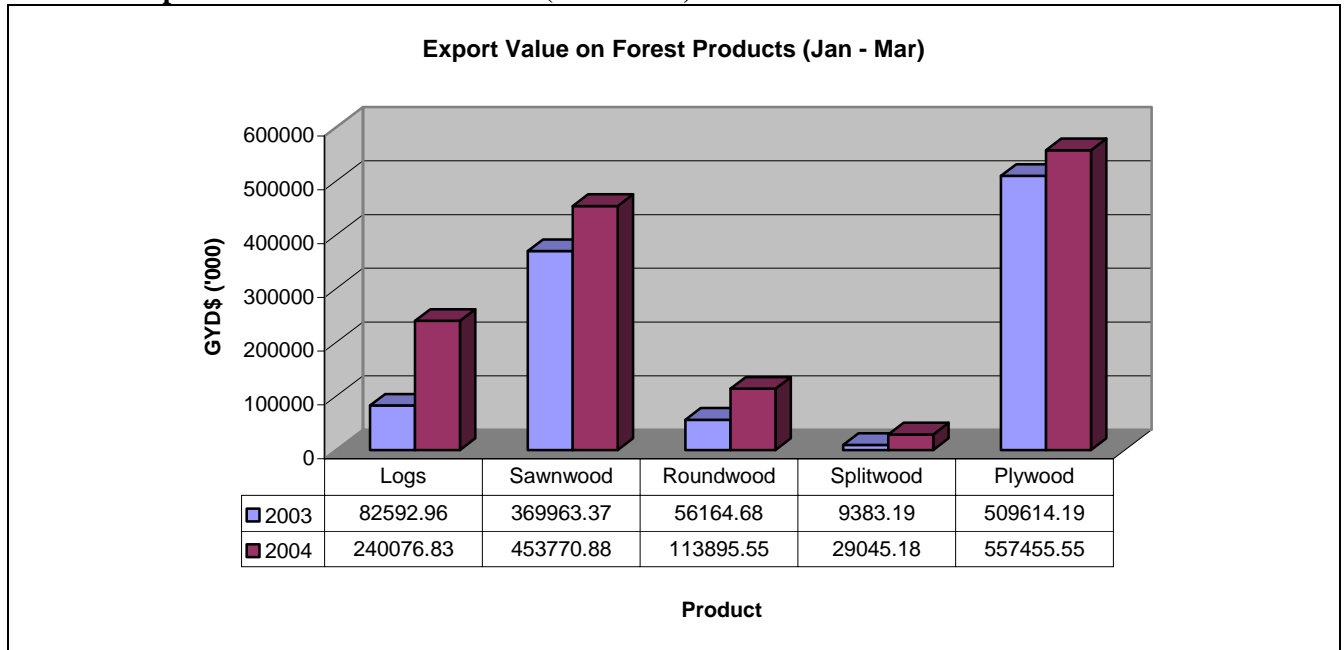


Chart 11: Export Value of Forest Product (Apr - June)

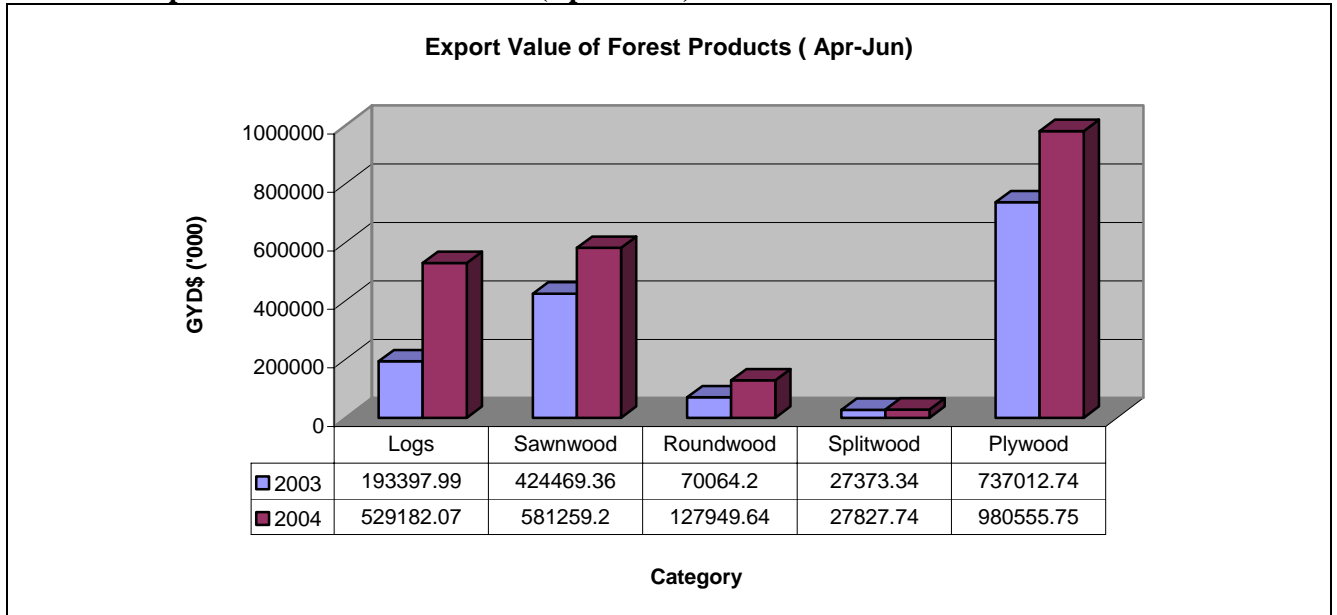
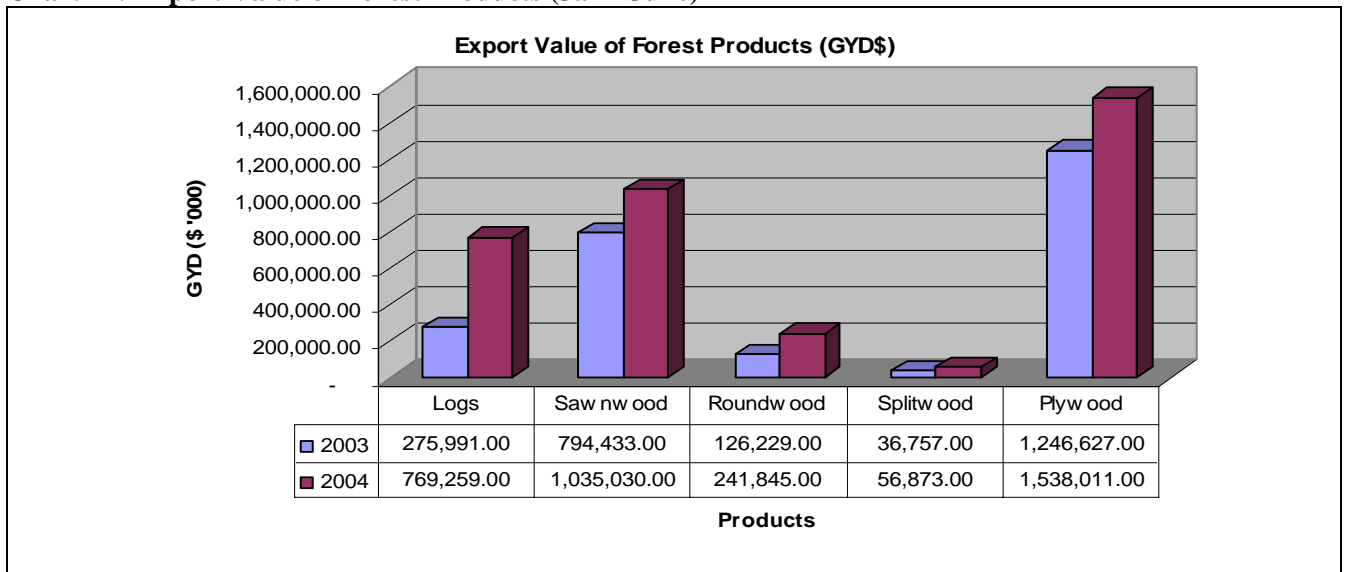


Chart 12: Export Value of Forest Products (Jan - June)



Export of Forest Products by Destination for the First and Second Quarters of 2004 Compared to Corresponding Periods in 2003

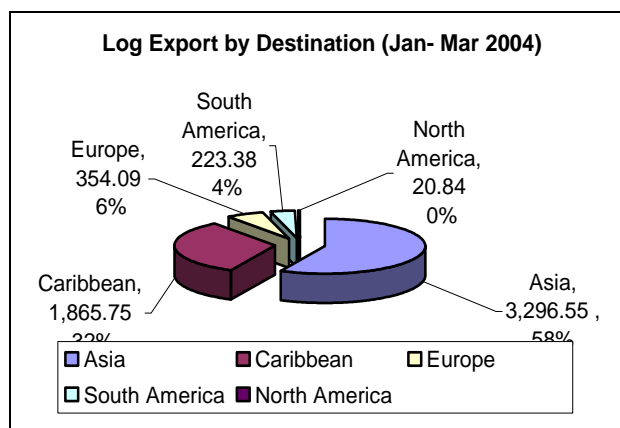
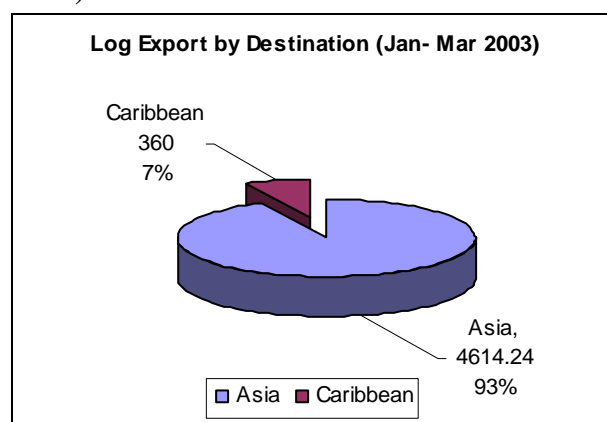
Log Export

Table 15: Log Export by Destination

| Category Exported to: | January- March 2003 | January- March 2004 | April -June 2003 | April - June 2004 | Cumulative Jan- June 2003 | Cumulative Jan - June 2004 |
|-----------------------|--------------------------|--------------------------|--------------------------|--------------------------|---------------------------|----------------------------|
| | Volume (m ³) | Volume (m ³) | Volume (m ³) | Volume (m ³) | Volume (m ³) | Volume (m ³) |
| ASIA | | | | | | |
| China | 20 | 143.49 | | 1613.06 | 20 | 1756.55 |
| Hong Kong | | 245.00 | | 200 | | 445.00 |
| India | 4000 | | 6885.00 | 13819.05 | 10885.00 | 13819.05 |
| Indonesia | | | | 521.38 | | 521.38 |
| Israel | | 20.68 | | | | 20.68 |
| Singapore | | | 2075.12 | | 2075.12 | |
| Taiwan | | 2887.38 | 660.04 | 1418.32 | 660.04 | 4305.70 |
| Vietnam | 594.24 | | 774.31 | 9775.38 | 1368.55 | 9775.35 |
| | 4614.24 | 3296.55 | 10394.47 | 27,347.19 | 15008.71 | 30,643.71 |
| CARIBBEAN | | | | | | |
| Barbados | | 438.79 | | | | 438.79 |
| Grenada | | | | 27.88 | | 27.88 |
| Trinidad | 360 | 1390.68 | 859.42 | 868.53 | 1219.42 | 2259.21 |
| St. Martin | | 23.53 | | | | 23.53 |
| Guadeloupe | | 12.75 | | | | 12.75 |
| | 360.00 | 1865.75 | 859.42 | 896.41 | 1219.42 | 2762.16 |
| EUROPE | | | | | | |
| United Kingdom | | 50.24 | | 2.58 | | 52.82 |
| Netherlands | | 303.85 | | | | 303.85 |
| | | 354.09 | | 2.58 | | 356.67 |
| SOUTH AMERICA | | | | | | |
| Suriname | | 223.38 | | | | 223.38 |
| | | 223.38 | | | | 223.38 |
| NORTH AMERICA | | | | | | |
| Milwaukee WI | | 20.84 | | | | 20.84 |
| | | 20.84 | | | | 20.84 |

Log export for the first quarter of 2004 was 5,760.61m³. The major destinations for logs for the period are listed in Table 15. Export in the first quarter of 2004 compared to the corresponding period in 2003 shows that there are more markets being shipped to in 2004 than in 2003. The major markets for the logs are in Asia and the Caribbean with 58% and 32% of total logs export for the period respectively. The major destinations for Guyana's logs in the Caribbean are Trinidad and Barbados with 74% and 24%, respectively, of exports made to this region. The major destinations in the Asian continent are Taiwan and Hong Kong with 88% and 7%, respectively. Overall export for the first quarter of 2004 increased by 15% compared to 2003's export for the corresponding period.

Chart 13: Log Export in m³ (First Quarter 2003) **Chart 14: Log Export in m³ (First Quarter 2004)**



* Exports for North America is 20.84 or 0.36%

Log export for the second quarter of 2004 totaled 28,246.18 m³. The major destinations for the period were also Asia and the Caribbean with 96% and 3%, respectively of total export made for the quarter. The main Asian Countries exported to were India (72%), Singapore (13%) and Vietnam (9%). The major destination in the Caribbean was Trinidad. Overall export for the second quarter of 2004 increased by 151% compared to the corresponding period in 2003.

Chart 15: Log Export in m³ (Second Quarter 2003)

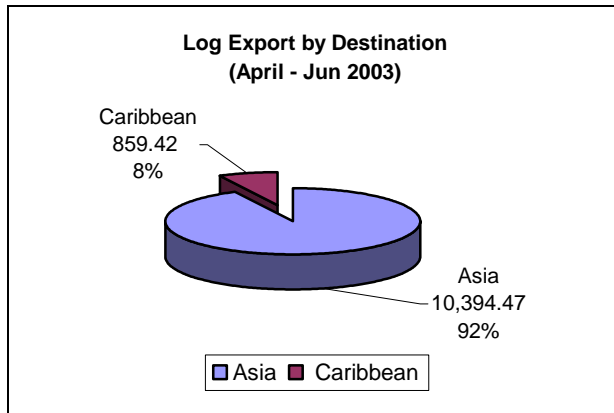
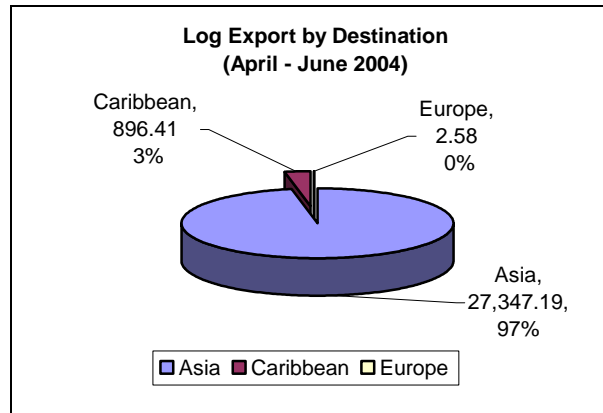


Chart 16: Log Export in m³ (Second Quarter 2004)



The Cumulative export of logs for 2004 (Jan – June) shows that 90% of log were exported to Asia and exports to the Caribbean was 8%. South America, Europe and North America accounted for the remaining 2% of export.

Chart 17: Cumulative Log Export in m³ (January - June 2003)

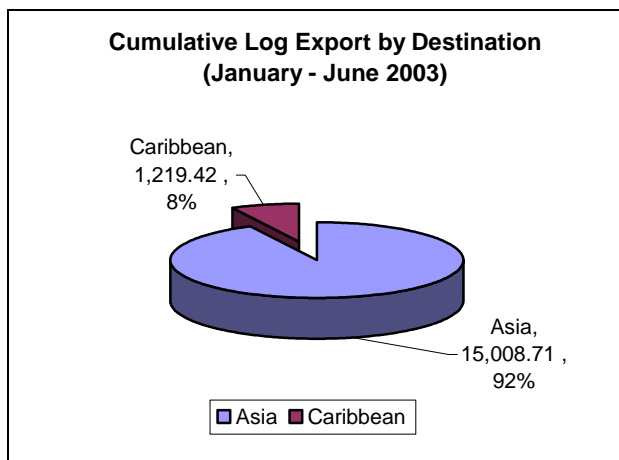
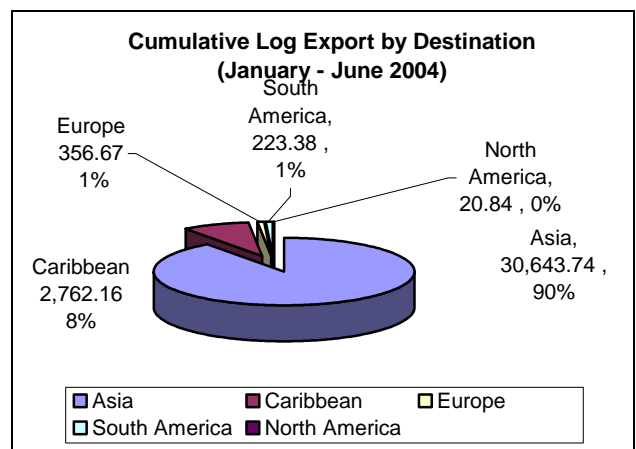


Chart 18: Cumulative Log Export in m³ (January - June 2004)



Sawnwood Export

Table 16: Sawnwood Export by Destination

| Category Exported to: | January- March 2003 | January- march 2004 | April –June 2003 | April – June 2004 | Cumulative Jan- June 2003 | Cumulative Jan – June 2004 |
|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|---------------------------|----------------------------|
| | Volume (m ³) | Volume (m ³) | Volume (m ³) | Volume (m ³) | Volume (m ³) | Volume (m ³) |
| ASIA | | | | | | |
| China | 169.68 | 49.52 | 29.54 | 195.95 | 199.22 | 245.47 |
| Dubai | | | 19.8 | | 19.8 | |
| Hong Kong | | 237.44 | | 188.49 | | 425.93 |
| Israel | | 21.23 | | | | 21.23 |
| Japan | 17.67 | | 18.13 | | 35.80 | |
| Malaysia | | | 15.48 | | 15.48 | |
| Saudi Arabia | | | | 69.03 | | 69.03 |
| Thailand | | | 15.36 | | 15.36 | |
| Taiwan | | 290.76 | 30.83 | 174.27 | 30.83 | 465.03 |
| Vietnam | 2.00 | | | | 2.00 | |
| | 189.35 | 598.95 | 129.14 | 627.74 | 318.49 | 1,226.69 |
| CARIBBEAN | | | | | | |
| Anguilla | 62.07 | 355.35 | | 21.11 | 62.07 | 376.46 |
| Antigua | 66.41 | 113.11 | 98.82 | 180.39 | 165.23 | 293.50 |
| Aruba | 17.03 | 51.36 | 69.83 | 56.94 | 86.86 | 108.30 |
| Barbados | 2340.07 | 2561.94 | 2481.55 | 3377.13 | 4821.62 | 5939.07 |
| Bonaire | | | | 10.04 | | 10.04 |
| Curacao | | | 17.08 | 10.61 | 17.08 | 10.61 |
| Dominica | | | | 37.89 | | 37.89 |
| Grenada | 299.03 | 188.56 | 76.04 | 295.73 | 375.07 | 484.29 |
| Guadeloupe | 21.41 | 42.51 | | 20.85 | 21.41 | 63.36 |
| Jamaica | 36.27 | 690.57 | 155.83 | 8.16 | 192.10 | 698.73 |
| St. Kitts | 46.11 | 16.89 | 137.15 | 48.07 | 183.26 | 64.96 |
| St. Lucia | 52.97 | 99.55 | 129.18 | 234.15 | 182.15 | 333.70 |
| St. Martin | 21.21 | 129.74 | 158.15 | 101.65 | 179.36 | 231.39 |
| Tortola | | | 26.71 | | 26.71 | |
| Trinidad | 448.37 | | 815.65 | 534.17 | 1264.02 | 534.17 |
| Turks and Caicos | | 2.36 | | | | 2.36 |
| St. Vincent | 14.18 | 71.69 | 4.08 | 179.35 | 18.26 | 251.04 |
| US Virgin Island | | | | 9.59 | | 9.59 |
| | 3425.13 | 4323.63 | 4170.07 | 5125.83 | 7595.20 | 9449.46 |
| EUROPE | | | | | | |
| Andorra | 62.94 | | | | 62.94 | |
| Estonia | | | | 24.02 | | 24.02 |
| France | | 20.68 | | 86.30 | | 106.98 |
| Ireland | | | 37.74 | | 37.74 | |
| United Kingdom | 181.54 | 285.98 | 583.17 | 222.47 | 764.71 | 508.45 |
| Netherlands | 385.73 | 360.29 | 760.91 | 339.14 | 1146.64 | 699.43 |
| New Zealand | 107.77 | 49.46 | 27.67 | | 135.44 | 49.46 |
| | 737.98 | 716.38 | 1409.49 | 671.93 | 2147.47 | 1388.34 |
| SOUTH AMERICA | | | | | | |
| Guatemala | 33.02 | | | | 33.02 | |
| | 33.02 | | | | 33.02 | |
| NORTH AMERICA | | | | | | |
| Canada | | 8.46 | | 8.83 | | 17.29 |
| Milwaukee WI | | 15.78 | | | | 15.78 |
| United States of America | 662.47 | 1095.84 | 543.41 | 2230.25 | 1205.88 | 3326.09 |
| | 662.47 | 1120.08 | 543.41 | 2239.08 | 1205.88 | 3359.16 |
| AUSTRALIA | | | | | | |
| Australia | | 152.23 | | 66.12 | | 218.35 |
| | | 152.23 | | 66.12 | 152.23 | 66.12 |

Sawnwood export for the first quarter of 2004 was 6,911.72 m³, an increase of 37% compared to the corresponding period of 2003. The major exporting destinations for Guyana's Sawnwood were the Caribbean (63%) and North America (16%). Exports were also made to Europe, Asia and Australia. A breakdown of distribution by country shows that the main countries exported to were Barbados, Jamaica, the United Kingdom, Netherlands and the United States of America.

Chart 19: Sawnwood Export in m³ (January – March 2003)

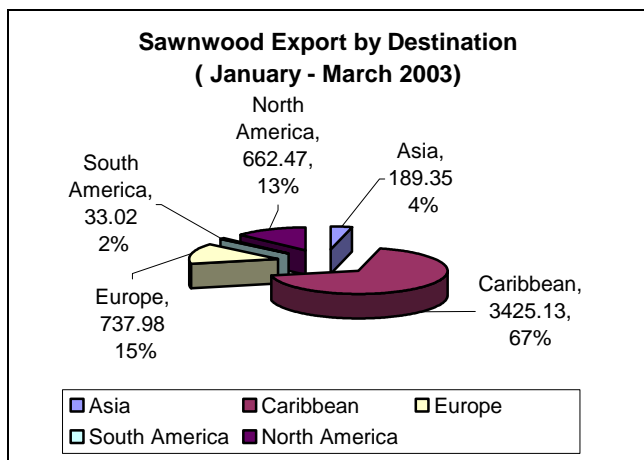
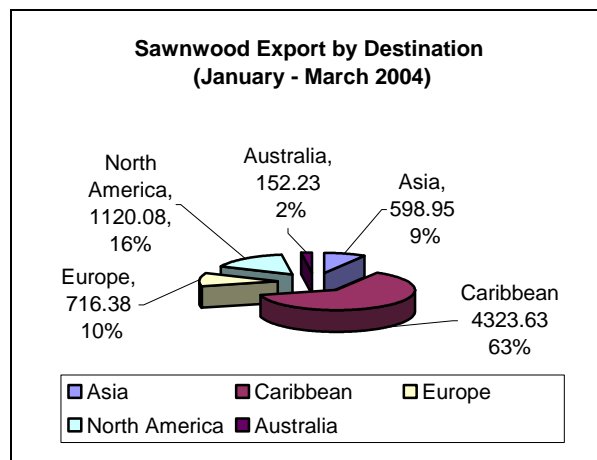


Chart 20: Sawnwood Export in m³ (January - March 2004)



Sawnwood export in the second quarter of 2004 showed an increase of 40% compared to the second quarter of 2003. Exports for the period showed that 58% of total Sawnwood was exported to the Caribbean regions. This was followed by North America with 26% of export. Europe, Asia and Australia made up 8%, 7% and 1% respectively. The main countries exported to were Barbados, Trinidad, United Kingdom, Netherlands and The United States of America.

Chart 21: Sawnwood Export in m³ (April - June 2003)

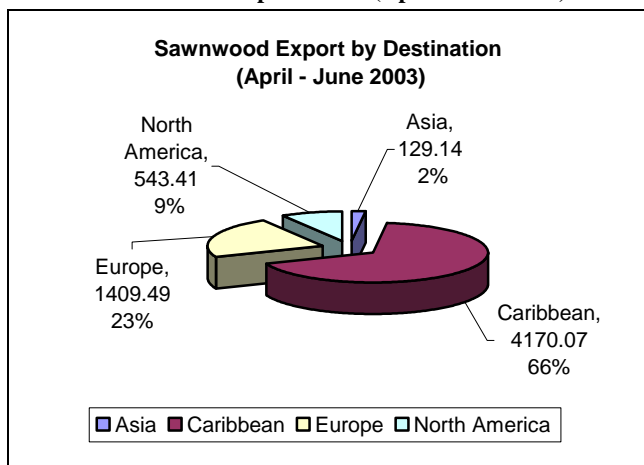
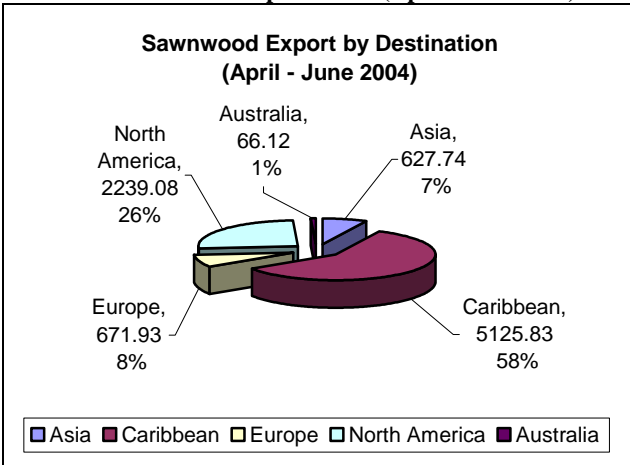
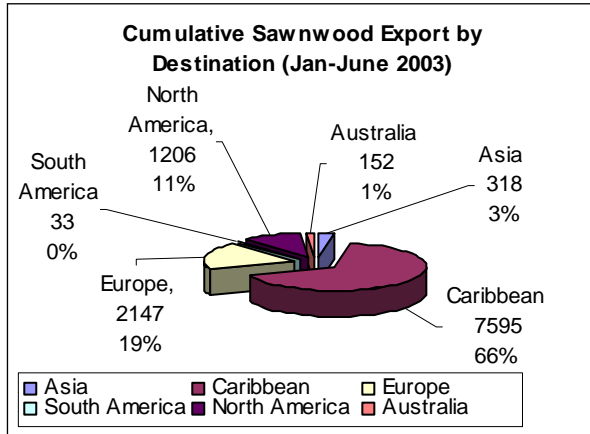


Chart 22: Sawnwood Export in m³ (April - June 2004)



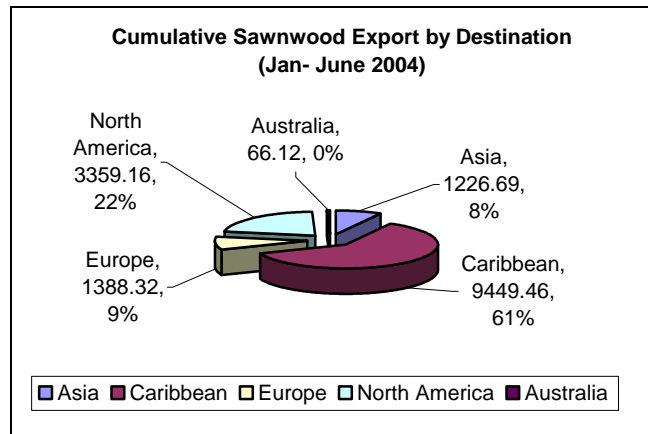
Sawnwood export for the first half of 2004 (January – June) shows that in comparison to 2003's corresponding period there was an increase in export of 36%. The main destinations for export were the Caribbean and North America. The countries exported to most were Barbados, Trinidad, the Netherlands, United Kingdom and the United States of America.

Chart 23:
Cumulative Sawnwood Export (Jan-Jun 2003)



* Export to South America was 33.02 m³, or 0.29 %

Chart 24:
Cumulative Sawnwood Export (Jan-Jun 2004)



Roundwood Export

Table 17: Roundwood Export by Destination

| Category Exported to: | January- March 2003 | January- march 2004 | April –June 2003 | April – June 2004 | Cumulative Jan- June 2003 | Cumulative Jan – June 2004 |
|-----------------------|--------------------------|--------------------------|--------------------------|--------------------------|---------------------------|----------------------------|
| ASIA | Volume (m ³) | Volume (m ³) | Volume (m ³) | Volume (m ³) | Volume (m ³) | Volume (m ³) |
| Japan | 11.67 | | 2.49 | | 14.16 | |
| | 11.67 | | 2.49 | | 14.16 | |
| CARIBBEAN | | | | | | |
| Antigua | | | 3.17 | 4.76 | 3.17 | 4.76 |
| Barbados | 58.84 | 70.31 | 20.78 | 171.35 | 79.62 | 241.66 |
| Dominica | 195.39 | 2.27 | | 266.75 | 195.39 | 269.02 |
| Grenada | | | | 14.16 | | 14.16 |
| St. Lucia | | 176.34 | 33.98 | 326.50 | 33.98 | 502.84 |
| St. Maarten | | 5.66 | 3 | 8.72 | 3 | 14.38 |
| St. Vincent | | 56.58 | | 12.41 | | 68.99 |
| Trinidad | 63.41 | 539.54 | 440.39 | 884.21 | 503.80 | 1423.75 |
| | 317.64 | 850.70 | 501.32 | 1688.86 | 818.96 | 2539.56 |
| EUROPE | | | | | | |
| Denmark | | 78.36 | | 12.74 | | 91.10 |
| Netherlands | 805.26 | 679.41 | 432.93 | 360.08 | 1238.19 | 1039.49 |
| | 805.26 | 757.77 | 432.93 | 372.82 | 1238.19 | 1130.59 |
| NORTH AMERICA | | | | | | |
| USA | 590.11 | 1457.89 | 1063.90 | 1291.70 | 1654.01 | 2749.59 |
| Canada | 7.02 | | | | 7.02 | |
| | 597.13 | 1457.89 | 1063.90 | 1291.70 | 1661.03 | 2749.59 |

The first quarter of 2004 saw a total export of 3,066.36 m³; this was an increase of 77%. The major Roundwood product exported was Greenheart Piles. These were mainly exported to United States, Netherlands and Trinidad (Table 17).

Chart 25: Roundwood Export in m³ (First Quarter 2003)

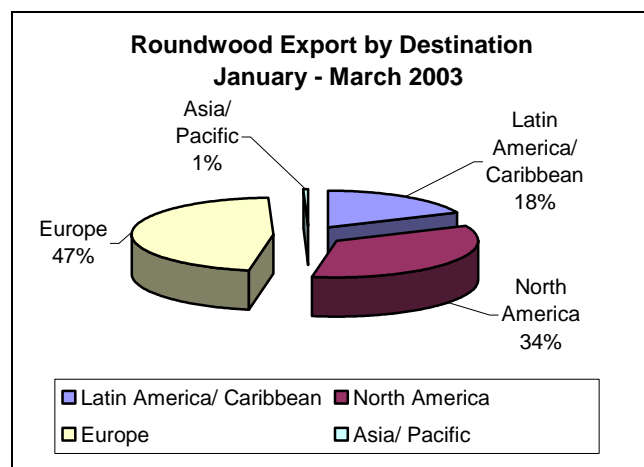
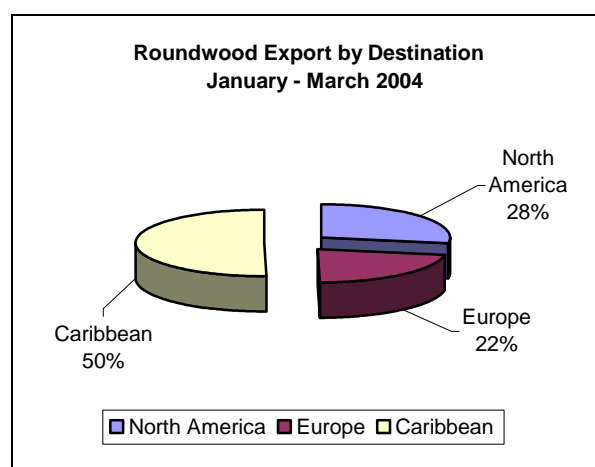


Chart 26: Roundwood Export in m³ (First Quarter 2004)



Roundwood exports for the second quarter of 2004 totaled 3,353.38 m³. This was an increase of 68% compared to the corresponding period in 2003. Exports to the Caribbean were 50% of total exports for the period. The major countries exported to were Trinidad, St. Lucia and Dominica. Exports to North America and Europe were 28% and 22%, respectively, of total exports for the period. The major destinations were the United States and the Netherlands (Table 17).

Chart 27: Roundwood Export in m³ (April - June 2003)

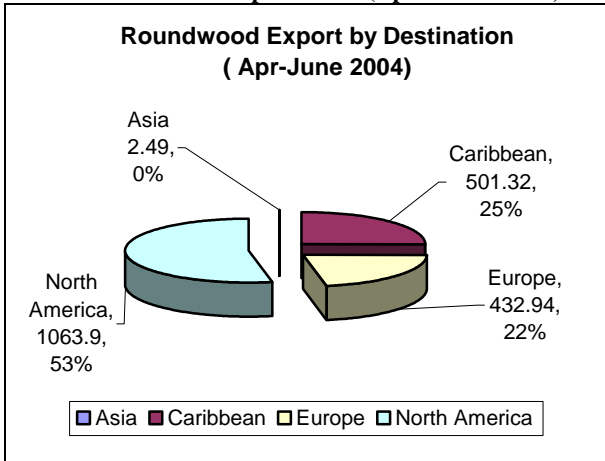
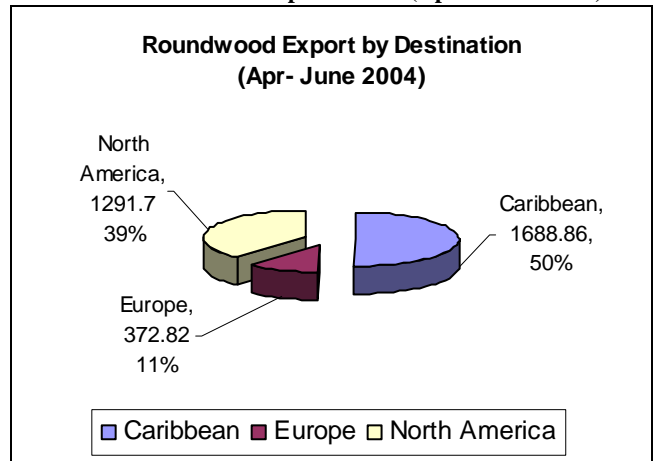


Chart 28: Roundwood Export in m³ (April - June 2004)



Cumulative Roundwood export for 2004 (Jan - Jun) showed an increase in export of 72%. The Chart below indicated that 42% of exports were made to North America with the major destination the United States. This was closely followed by exports to the Caribbean which totaled 40%; the major destinations were Trinidad, St. Lucia and Dominica. Exports made to Europe made up 18% of total Roundwood exported and the main destination was the Netherlands. (Table 17)

Chart 29: Cumulative Roundwood Export (Jan-Jun 2003)

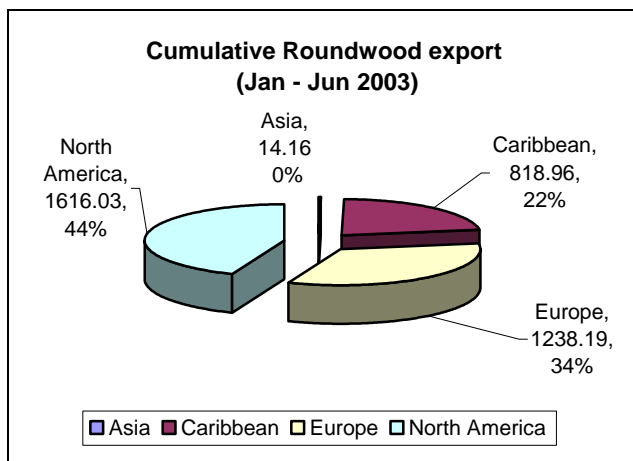
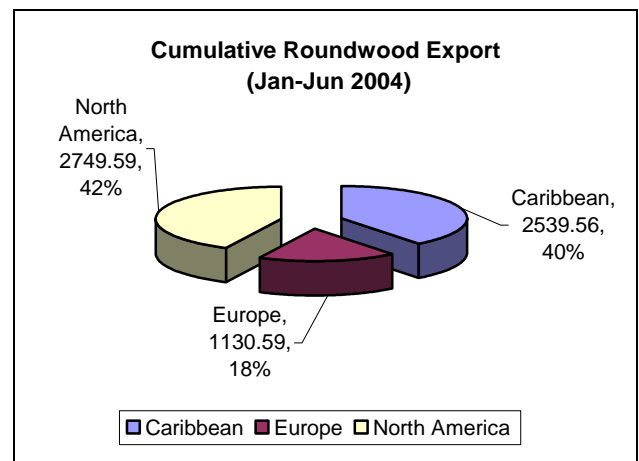


Chart 30: Cumulative Roundwood Export (Jan-Jun 2004)



Plywood Export

Table 18: Plywood Export by Destination

| Category Exported to: | January- March 2003 | January- march 2004 | April –June 2003 | April – June 2004 | Cumulative Jan- June 2003 | Cumulative Jan – June 2004 |
|-----------------------|--------------------------|--------------------------|--------------------------|--------------------------|---------------------------|----------------------------|
| CARIBBEAN | Volume (m ³) | Volume (m ³) | Volume (m ³) | Volume (m ³) | Volume (m ³) | Volume (m ³) |
| Antigua | | 10.89 | | 5.36 | | 16.25 |
| Barbados | | | 97.52 | 146.28 | 97.52 | 146.28 |
| Belize | 427.51 | 356.86 | 366.72 | 867.54 | 794.23 | 1224.40 |
| Costa Rica | | | 100.05 | | 100.05 | |
| Dominica | | | | | | |
| Grenada | 71.98 | 182.27 | 23.74 | 401.21 | 95.72 | 583.48 |
| Jamaica | 1782.81 | | | 1145.32 | 1782.81 | 1145.32 |
| Puerto Rico | 1501.67 | | 128.17 | | 1629.84 | |
| St. Lucia | | 95.10 | 110.46 | 69.42 | 110.46 | 164.52 |
| St. Maarten | 116.01 | | 82.52 | 39.16 | 198.53 | 39.16 |
| St. Vincent | 15 | 3.75 | 47.86 | 38 | 62.86 | 41.75 |
| Trinidad | 770.16 | 669.15 | | 669.15 | 770.16 | 1338.30 |
| | 4685.14 | 1348.02 | 957.04 | 3381.44 | 5642.18 | 4729.46 |
| EUROPE | | | | | | |
| Denmark | | | | | | |
| Netherlands | 252.71 | 246.91 | 430.37 | 860.88 | 683.08 | 1107.79 |
| Norway | 84.26 | 122.12 | 82.30 | 205.92 | 166.56 | 328.04 |
| Scotland | 847.32 | | | | 847.32 | |
| United Kingdom | 1000.86 | 1227.86 | 2693.02 | 2823.05 | 3693.88 | 4050.91 |
| | 2185.15 | 1596.89 | 3205.69 | 3889.85 | 5390.84 | 5486.74 |
| SOUTH AMERICA | | | | | | |
| Suriname | 518.42 | 634.49 | 712.58 | 768.31 | 1231.00 | 1402.80 |
| Venezuela | | 805.61 | 1309.46 | | 1309.46 | 805.61 |
| | 518.42 | 1440.10 | 2022.04 | 768.31 | 2540.46 | 2208.41 |
| NORTH AMERICA | | | | | | |
| Canada | | 40.01 | | | | 40.01 |
| Mexico | 1004.09 | | 1304.61 | | 2308.70 | |
| USA | 3203.74 | 5985.99 | 8675.68 | 7294.38 | 11879.42 | 13280.37 |
| | 4207.83 | 6026.00 | 9980.29 | 7294.38 | 14188.12 | 13320.38 |

Export of Plywood for the first quarter of 2004 totaled 10,411.10 m³. This was a decrease of 10% compared to the corresponding period in 2003. For the period in review 58% of exports were destined for the North American markets; the United States and Mexico being the major countries of destination. North America was followed by Europe with 15% of exports; major country of destination was the United Kingdom. South America and the Caribbean followed with the major destinations being Suriname, Venezuela, Trinidad, Jamaica, Grenada and Belize (Table 18).

Chart 31:
Plywood Export in m³ (First Quarter 2003)

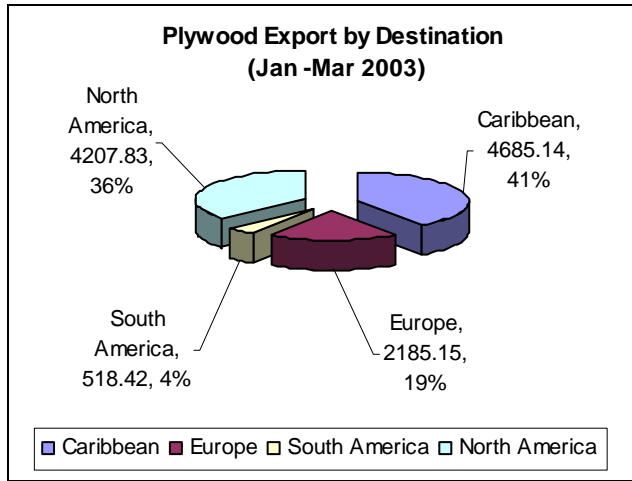
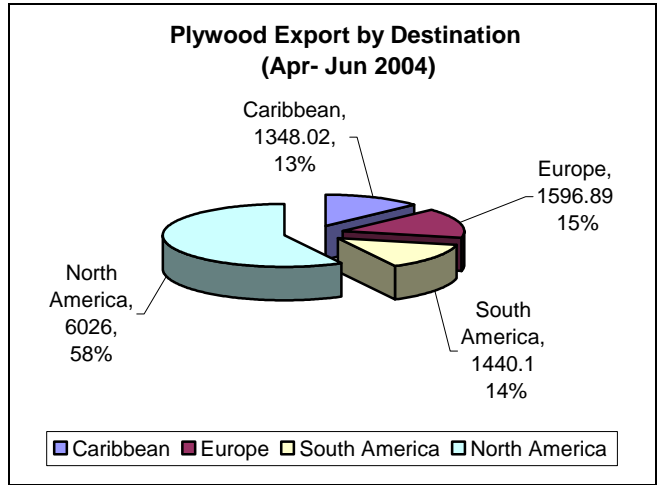
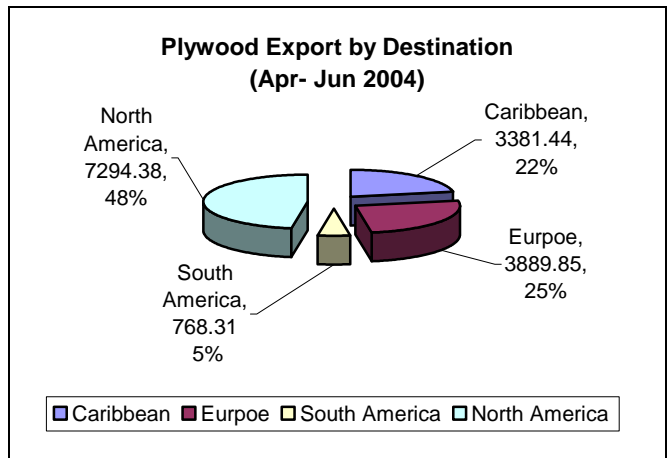
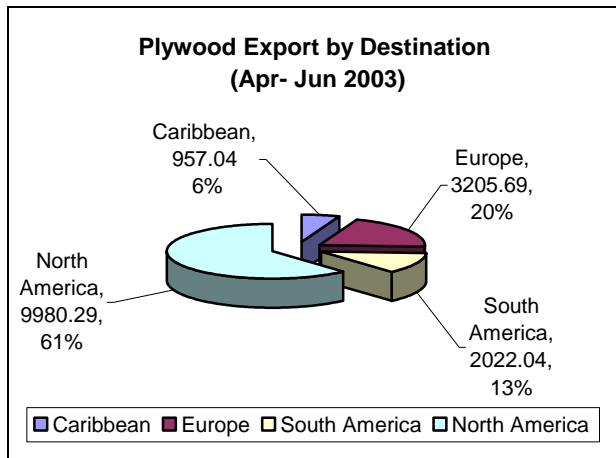


Chart 32:
Plywood Export in m³ (First Quarter 2004)



Plywood export for the second quarter of 2004 was 15,333.98 m³. This showed a decrease of 5% compared to the second quarter of 2003. Almost half of total exports were shipped to North America (48%) the main destination being the United States. This was followed by exports to Europe (25%), with the United Kingdom and Netherlands the major destinations. This was closely followed by exports to the Caribbean (22%). Jamaica, Belize, Trinidad and Grenada were the major destinations.

Chart 33: Plywood Export in m³ (April -June 2003) **Chart 34: Plywood Export in m³ (April - June 2004)**



ANNEX I**Table 19: Production by Species**

| CLASSIFICATION | 2003 | 2004 |
|-------------------------|------------------|------------------|
| | Jan - Jun | Jan- Jun |
| LOGS | | |
| Special Category | | |
| Brown Silverballi | 341.03 | 340.11 |
| Bulletwood | 41.36 | 255.98 |
| Greenheart | 38,034.08 | 31,786.15 |
| Purpleheart | 21,675.00 | 12,924.61 |
| Red Cedar | 93.01 | 97.92 |
| Total | 60,184.48 | 45,404.77 |
| Class 1 | | |
| Aromata | 3.77 | 34.27 |
| Crabwood | 502.49 | 738.80 |
| Dalli | 118.79 | 324.01 |
| Determa | 21.06 | 96.73 |
| Hakia | 0.00 | 0.00 |
| Hububalli | 325.60 | 268.85 |
| Itikiboraballi | 29.52 | 12.30 |
| Kabukalli | 6,836.49 | 7,677.38 |
| Locust | 3,015.08 | 3,491.06 |
| Manniballi | 135.03 | 209.06 |
| Mora | 8,403.07 | 16,121.13 |
| Morabukea | 5.76 | 0.00 |
| Shibadan | 2,698.66 | 2,209.35 |
| Simarupa | 1,084.55 | 895.24 |
| Suya | 218.97 | 860.74 |
| Tatabu | 1,040.80 | 914.59 |
| Tauroniro | 1,639.08 | 2,115.64 |
| Ulu | 696.70 | 2,026.24 |
| Wamara | 119.45 | 247.21 |
| Washiba | 105.16 | 258.68 |
| Yellow Silverballi | 9.05 | 30.54 |
| Total Class 1 | 27,009.08 | 38,531.82 |
| Class 11 | | |
| Baradan | 2.88 | 0.00 |
| Baromalli | 56,320.15 | 41,745.72 |
| Dukalli | 233.07 | 217.12 |
| Karohoro | 86.34 | 39.72 |
| Kereti Silverballi | 978.86 | 1,028.77 |
| Kirikaua | 0.00 | 5.33 |
| Kurahara | 30.69 | 22.64 |
| Kurokai | 117.31 | 243.85 |
| Manni | 54.16 | 59.99 |
| Maporokon | 0.00 | 14.38 |
| Monkey Pot | 237.01 | 149.50 |
| Muneridan | 671.83 | 742.35 |
| Pakuri | 32.60 | 15.83 |

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| | | |
|-----------------------|------------------|------------------|
| Swari Skin | 0.00 | 6.12 |
| Ubudi | 12.70 | 198.04 |
| Unknown | 0.00 | 18.64 |
| Wabaima | 16.20 | 1.67 |
| Wallaba | 767.86 | 2,966.74 |
| Total Class 11 | 59,561.66 | 47,476.41 |
| Class 111 | | |
| Antswood | 2.99 | 35.40 |
| Bara-Bara | | 0.00 |
| Bat Seed | | 2.61 |
| Bartaballi | 3.70 | 1.79 |
| Black Heart | | 0.00 |
| Burada | 789.00 | 923.46 |
| Calabash | 42.87 | 92.73 |
| Cassava wood | 27.00 | |
| Coko | 6.15 | |
| Cowwood | 336.17 | 423.98 |
| Cork wood | 76.39 | |
| Dakama | | 3.66 |
| Darina | 1,180.92 | 1,962.77 |
| Devil Doer | | 57.98 |
| Duka | 36.12 | 82.66 |
| Dukaliballi | 9.75 | 41.97 |
| Dukuria | 315.74 | 177.36 |
| Durban Pine | 0.00 | 71.83 |
| Fukadi | 140.61 | 81.77 |
| Futui | 333.03 | 200.04 |
| Guava | 19.89 | 0.00 |
| Gum | | 13.59 |
| Haiariballi | 214.82 | 161.38 |
| Haiawa | 0.00 | 0.00 |
| Hipani | 225.62 | 183.79 |
| Huruasa | 165.33 | 320.05 |
| Iteballi | 471.33 | 606.04 |
| Karoro | 1.75 | |
| Kauta | 0.00 | |
| Kautaballi | | 0.00 |
| Korohora | | 0.00 |
| Kookreile | 28.60 | |
| Korokororo (Crook) | 62.63 | 701.09 |
| Kakaralli | 2.95 | 501.82 |
| Kairiballi | | 35.69 |
| Kamunaballi | | 9.31 |
| Limonaballi | 129.80 | 2,019.45 |
| Lisherish | | 11.64 |
| Long John | | 37.83 |
| Mabwa | 316.30 | 0.00 |
| Maho | 1,049.15 | 1,050.01 |
| Manariballi | 19.19 | 17.64 |
| Mango | 2.70 | |
| Mari Mari | 15.15 | |

GFC's 2004 Half Yearly Market Report

| | | |
|-------------------|-----------------|------------------|
| Match wood | | 69.76 |
| Moraballi | | 1.10 |
| Pakuri | 18.29 | |
| Puble Cup | 2.38 | |
| Puppy cup | | 30.72 |
| Red Silverballi | 11.25 | 0.00 |
| Rose Mountain | | 1.91 |
| Sawari Skin | 2.67 | 18.12 |
| Snakewood | | 1.24 |
| Soap Wood | | 77.83 |
| Suradan | 41.25 | 71.63 |
| Tamarind | | 44.47 |
| Tibokushi | | 0.00 |
| Tonka bean | 14.00 | 27.67 |
| Uya | 1.50 | 27.32 |
| Uruballi | 1.16 | |
| Vogul cup | | 11.44 |
| Wadara | 13.10 | 132.05 |
| Wanaballi | 6.49 | |
| Warakaioro | | 1.03 |
| White Silverballi | 68.21 | 12.39 |
| Wild coco | | 54.68 |
| Wild guava | | 22.60 |
| Wild Mango | 2.49 | 100.73 |
| White Cedar | 4.78 | |
| Yellow Belly | 39.86 | 49.36 |
| Total | 6,274.37 | 10,585.39 |
| LUMBER | | |
| Brownsilverballi | 4.27 | 172.46 |
| Greenheart | 1,273.87 | 2,430.00 |
| Purpleheart | 1,711.50 | 814.74 |
| Red Cedar | 536.21 | 23.26 |
| Total | 3,525.85 | 3,440.46 |
| Class 1 | | |
| Aromata | | 9.94 |
| Crabwood | 128.33 | 144.25 |
| Dalli | 49.33 | 61.26 |
| Determa | 68.68 | 74.66 |
| Hububalli | 548.46 | 398.75 |
| Itikiboroballi | 0.68 | 5.05 |
| Kabukalli | 3,884.94 | 3,554.64 |
| Locust | 279.07 | 181.63 |
| Manniballi | 48.48 | 8.30 |
| Mora | 1,417.36 | 964.35 |
| Moroballi | | 0.00 |
| Shibadan | 542.90 | 537.41 |
| Simarupa | 627.60 | 530.10 |
| Suya | 46.21 | 78.61 |
| Tatabu | 98.93 | 154.20 |
| Tauroniro | 1,311.37 | 2,028.72 |
| Ulu | 75.73 | 65.55 |

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| | | |
|-----------------------|-----------------|-----------------|
| Wamara | 9.36 | 3.33 |
| Washiba | | 32.37 |
| Yellow Silverballi | 2.12 | 10.02 |
| Total Class 1 | 9,139.55 | 8,843.14 |
| Class 11 | | |
| Baradan | | 3.22 |
| Baromalli | 175.53 | 167.29 |
| Dukalli | 19.22 | 31.77 |
| Karohoro | 4.24 | 10.26 |
| Kereti | 1,013.88 | 942.07 |
| Kurahara | 4.24 | 1.28 |
| Kurokai | 2.15 | 15.33 |
| Manni | 24.98 | 77.54 |
| Maporakon | | 0.00 |
| Monkey pot | 26.55 | 10.94 |
| Pukari | 10.49 | 9.51 |
| Ubudi | 2.33 | 0.00 |
| Wabaima | 2.36 | 1.43 |
| Wallaba | 955.68 | 938.48 |
| M/ Wood | | 0.71 |
| White S/Balli | | 0.47 |
| Total Class 11 | 2,241.65 | 2,210.30 |
| Class 111 | | |
| Ant Wood | 15.83 | 23.61 |
| Batseed | 2.24 | 4.24 |
| Bird Seed | 4.24 | |
| Black heart | 1.98 | 0.74 |
| Burada | 199.71 | 347.68 |
| Cassava Wood | 5.78 | 30.78 |
| Cow Wood | 2.36 | 8.76 |
| Crook | 5.89 | |
| Dakama | 5.48 | 15.87 |
| Dakamaballi | 6.64 | 0.00 |
| Darina | 126.34 | 146.77 |
| Duka | 89.66 | 147.09 |
| Dukuria | 25.82 | 3.54 |
| Fig | 4.24 | 97.22 |
| Fukadi | 36.04 | 125.41 |
| Futui | 133.90 | 92.04 |
| Garlicwood | 5.25 | 0.48 |
| Gama Cherry | | 0.00 |
| Gular | | 0.00 |
| Haiariballi | | 8.25 |
| Halichiballi | 4.72 | |
| Hurasa | | 8.90 |
| Itara | | 2.43 |
| Iteballi | 23.00 | 26.42 |
| Kakaralli | 10.95 | 18.18 |
| Kauta | | 0.00 |
| Kautaballi | | 2.86 |
| Korokororo (Crook) | 193.13 | 385.30 |

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| | | |
|-----------------------------|-----------------|-----------------|
| Limonaballi | 18.65 | 113.38 |
| Maho | 58.22 | 111.95 |
| Marishiballi | 40.10 | 0.71 |
| Manariballi | 11.67 | 5.14 |
| Match Wood | | 7.66 |
| Milk Wood | 5.19 | 0.76 |
| Plumb | | 0.00 |
| Rose of the Mountain | | 2.79 |
| SilkCotton (Kumaka) | 4.48 | 0.51 |
| Suradan | 10.22 | 18.49 |
| Tonka Bean | | 3.06 |
| Wadara | 6.71 | 5.19 |
| Waiaballi | | 0.94 |
| Wallababalli | | 0.00 |
| Whitee | | 0.35 |
| Total Class 111 | 1,058.44 | 1,767.50 |
| Other Forest produce | | |
| G/Heart piles O 16.67 | 15,568.09 | 18,450.16 |
| G/Heart piles U 16.67 | 51,438.83 | 57,809.74 |
| Kakaralli piles | 10,872.37 | 9,619.47 |
| Mora Piles | 0.00 | 0.00 |
| Wallaba poles O 15.24 | 445.01 | 1,222.81 |
| Wallaba poles U 15.24 | 52,908.04 | 112,246.08 |
| Wallaba post O 3.05 | 554.40 | 1,846.15 |
| Wallaba Post U 3.05 | 14,247.54 | 21,669.31 |
| Round spars | 11820.15 | 3,142.49 |
| Wattles | 44,295.00 | 55,251.00 |
| Paling staves | 178,525.00 | 128,310.00 |
| Vat Staves | 0.00 | 0.00 |
| Shingles | 1,025.78 | 198,540.00 |
| Firewood | 1,464.36 | 8,046.77 |
| Charcoals | 146,836.70 | 109,795.63 |
| Mangrove Bark | 9,316.78 | 2,120.46 |
| Manicole Palm | 2,416,129.00 | 1,925,636.00 |

ANNEX 2

Table 20: MAJOR USES OF SPECIES.

| <i>Classification</i> | <i>Species (Local Names)</i> | <i>Species (Scientific Names)</i> | <i>Major Uses</i> |
|-------------------------|----------------------------------|---------------------------------------|--|
| <i>Special Category</i> | Greenheart | <i>Chlorocardium rodiei</i> | Boat building, marine work, piling, general heavy construction, flooring, heavy furniture, turnery and finishing rods. |
| | Purpleheart | <i>Peltogyne venosa</i> | Building construction, flooring, bridging, boat building – keels, transoms, canoes, coach building, furniture, turnery, inlay, tool handles, sticks, bows, and veneer. |
| | Brown Silverballi | <i>Licaria cannella</i> | Boat building, canoes, furniture, interior work, and general carpentry. |
| | Red Cedar | <i>Cedrela odorata</i> | Furniture, cabinet work, panelling, boats, coffins and cigar boxes. |
| | Letterwood | <i>Brosimum guianense</i> | Inlay, turnery, sticks, tool handles and bows for archery. |
| | Bulletwood | <i>Manilkara bidentata</i> | General heavy construction, house framing, sleepers, mill rollers, wheel spokes, fencing, axe and tool handles, turnery. |
| | | | |
| <i>Class 1</i> | Crabwood | <i>Carapa guianensis</i> | General construction, interior work, carpentry, furniture, and turnery, plywood and veneer. |
| | Yellow Silverballi | <i>Aniba hypoglauca</i> | Boat planking, canoes, furniture, cabinet work, and interior construction. |
| | Itikiboraballi | <i>Swartzia xanthopetala</i> | Inlay turnery, cabinet work, walking sticks, bag-pipes and tool handles. |
| | Locust | <i>Hymenaea courbaril</i> | Ship-building, general construction, carriage buildings, tool handles, furniture and croquet mallets. |
| | Tatabu | <i>Diploptropis purpurea</i> | Boat-building, house framing, and flooring, furniture and turnery, interior work, carriage-building, tool handles, and sleepers. |
| | Determa | <i>Ocotea rubra</i> | Boat and carriage building, masts, furniture, carving, interior work, and general carpentry. |
| | Wamara | <i>Eperua grandiflora</i> | Furniture, cabinet work, parquet flooring, turnery, inlay, tool handles, walking sticks, and bows for archery. |
| | Kabukalli | <i>Goupia glabra</i> | Heavy construction, house framing, flooring, decking, punt bottoms, canoes, railway sleepers, paving blocks, furniture and decorative plywood. |
| | Shibadan | <i>Aspidosperma album</i> | Fuel and Plywood. |
| | Tauroniro | <i>Humiria balsamifera</i> | Heavy construction, piling, bridges, house framing, flooring, wheelwright work, furniture, sleepers, counters, work bench tops. |
| | Manniballi | <i>Moronobea coccinea</i> | Heavy construction house sills, machinery frames, flooring, furniture and sheet piling. |
| | Washiba | <i>Tabebuia</i> sp. | Bridges, house framing, sleepers, tool handles, rollers' walking sticks, and fishing rods. |
| | Hakia | <i>Tabebuia serratifolia</i> | Bridges, house framing, sleepers, tool handles, rollers' walking sticks, and fishing rods. |
| | Dalli | <i>Virola</i> spp. | Match boxes, coffins, inside boarding, carpentry, packing cases, plywood, slack cooperage chip board and concrete shuttering. |
| | Suya | <i>Pouteria speciosa</i> | Interior boarding, carpentry, and plywood. |
| | Ulu | <i>Trattinickia demerarae</i> | Inside boarding, cupboard linings, canoes and plywood. |
| | Simarupa | <i>Quassia simarouba</i> | Interior construction, furniture, shelves, drawer linings, shoe heels, plywood, paper pulp, toys, box shooks. |
| | Aromata | <i>Clathrotropis branchyptala</i> | Furniture, house framing, boat building, flooring and sleepers. |
| | Mora | <i>Mora excelsa</i> | Building construction especially flooring, framing and siding, boat building especially ribs, stems, knees, transoms, and decking, sleepers, furniture, turnery, wagon building; wheelwright-work, naves and felloes, croquet mallets. |
| | Morabukea | <i>Mora gonggrijpii</i> | Heavy construction, sleepers, flooring and siding, heavy furniture, boat timbers, truck bodies. |
| | Hububalli | <i>Loxopterygium sagotii</i> | Panelling, furniture and cabinet work. |
| | | | |
| <i>Class 2</i> | Baromalli | <i>Catostennum commune</i> | Dry cooperage, interior work, box shooks, paper pulp, and plywood. |
| | Dukalli | <i>Parahancornia fasciculata</i> | Carpentry, interior work, furniture, door and window stock, concrete shuttering, match boxes and plywood. |
| | Kereti Silverballi | <i>Lauraceae</i> spp | Shuttering, temporary buildings, box making, and plywood. |
| | Kurahara | <i>Calophyllum lucidum</i> | Boat planking, canoes, punt mast and furniture. |
| | Wabaima | <i>Licaria cannella</i> | Heavy construction, flooring, furniture, boat building (planking), bridge decking, musical instruments. |
| | Karohoro | <i>Schefflera decaphylla</i> | Match splints, drums, canoes, interior construction and plywood. |
| | Baradan | <i>Ocotea tomentella</i> | Canoes, box shooks, concrete shuttering and plywood. |
| | Ubudi | <i>Anarcadium giganteum</i> | Interior work and plywood. |
| | Kirikua | <i>Iryanthera macrophylla</i> | Oars, interior construction, box shooks, utility plywood, slack cooperage and concrete shuttering. |
| | Kurokai | <i>Protium decandrum</i> | Masts, spars, house framing and plywood. |
| | Maporokan | <i>Inga alba</i> | Interior work, fuel and cheap plywood. |
| | Monkey Pot | <i>Lecythis zabucajo</i> | General construction, furniture, turnery and wheel spokes. |
| | Manni | <i>Symphonia globulifera</i> | Utility wood, paper, pulp, plywood, cooperage, railway sleepers, sheet piling, packing cases, general carpentry, flooring, furniture and fuel. |
| | Pakuri | <i>Platonia insignis</i> | Piling, boat building, furniture, turnery, house framing, flooring, panelling, tight cooperage and general carpentry. |

| <i>Annex</i> | | | |
|-----------------------|----------------------------------|--|---|
| <i>Classification</i> | <i>Species (Local Names)</i> | <i>Species (Scientific Names)</i> | <i>Major Uses</i> |
| | Yaruru (Yarula) | <i>Aspidosperma excelsum</i> | Paddles, axe and tool handles, walking sticks, fishing rods and fuel. |
| | Muneridian | <i>Siparuna spp.</i> | |
| | Wallaba | <i>Eperua falcata</i> <i>Eperua grandiflora</i> | Pillar trees, roundwood framing, fence posts, transmission poles, sleepers, piling and vat staves, shingles, charcoal, particle board and firewood. |
| Class 3 | Burada | <i>Parinari campestris</i> | Heavy construction, flooring. |
| | Duka | <i>Tapirira marchandi</i> | Interior construction, furniture, box shooks and plywood. |
| | Dukuria | <i>Sacoglottis cydonioides</i> | Heavy construction. |
| | Fukadi | <i>Terminalia amazonia</i> | House framing, framing, constructional work, railway sleepers and plywood. |
| | Inyak | <i>Antonia ovata</i> | Interior work, furniture and boxes. |
| | Limonaballi | <i>Chrysophyllum pomiferum</i> | Heavy construction and fuel. |
| | Suradan | <i>Hyeronima alchorneoides</i> | Boat-framing, railway sleepers, heavy construction, truck building, wheel spokes, furniture, plywood and gun stocks. |
| | White Cedar | <i>Tabebuia insignis</i> | Paddles, shovel handles, and interior work, packing cases and cheap furniture. |
| | Futui | <i>Jacaranda copaia</i> | Coffins, box shooks, matches, concrete shuttering and interior construction. |
| | Halchiballi | <i>Pera schomburgkiana</i> | Fuel and utility plywood. |
| | Haiariballi | <i>Alexa imperatricis</i> | Interior construction, packing cases and plywood. |
| | Huruasa | <i>Abarema jupunba</i> | Fuel and plywood. |
| | Iteballi | <i>Vochysia schomburgkii</i> | Carpentry and furniture. |
| | Kakaralli | <i>Eschweilera alata</i> | Piling, house framing, mine lagging, posts and sleepers. |
| | Kauta | <i>Licamia laxiflora</i> | Light gauge railway sleepers, roof shingles, mine timbering, fuel and charcoal. |

OUR CORRESPONDENT STATIONS

Guyana Forestry Commission

Head Office

1, Water Street,
Kingston,
Georgetown.
Tel: 2267271/ 4

Stations

| | | |
|---------------------------------|--|--|
| Demerara | Berbice | Essequibo |
| Soesdyke Tel:261 5310 | Canje Tel: 333 3259/333 3231 | Parika Tel: 260 4084/ 260 4217 |
| Linden | Springlands 339 3078 | Bartica 455 2332/ 455 2255 |
| Mabura Tel: 226 5382 | Kwakwani | Supenaam 774 4944 |
| | Bamboo Landing | Arapiarco |
| | | Iteballi |
| | | Winiperu |
| | | Anarika |
| | | Buckhall |
| | | Mabaruma Tel: 777 5131 |
| | | Port Kaituma |
| | | Manaka |

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Note:

The Guyana Forestry Commission is responsible for the provision of the domestic statistical data on forestry.