

REPUBLIC OF SOUTH AFRICA

**DEPARTMENT OF WATER AFFAIRS AND FORESTRY
CHIEF DIRECTORATE FORESTRY**

REPORT ON COMMERCIAL TIMBER RESOURCES AND PRIMARY ROUNDWOOD PROCESSING IN SOUTH AFRICA

2001/2002

Compiled on behalf of the
Directorate: Forestry Technical and Information Services,
by
Forestry Economics Services cc

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Directorate: Forestry Technical and Information Services
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0001
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PREFACE

This Report contains information relating to the commercial timber resource and the primary roundwood processors in South Africa for the period 2001/2002.

The Department of Water Affairs and Forestry, Directorate: Forest Policy has commissioned a private sector enterprise to perform the task of gathering and reporting on this information, on its behalf. This is the third timber industry statistics Report presented under this arrangement.

The method of gathering the timber resource and roundwood processing information, which has remained unchanged, is to circulate forms to all identified plantation owners and timber processors for completion. The mailing list has been continuously updated over the past year and additional names added, when this information has become available. The questionnaire was redesigned to streamline it and try and make it more user friendly. This has contributed to the improvement and completeness of the information supplied. The result is that the number of responses on which the information in this Report is based has improved considerably compared with the two previous Reports. This Report contains the information supplied from a total of 1326 plantation returns (2001: 1280) and 182 roundwood timber processing returns (2001: 167). Returns were received from all the major plantation owners and all the major timber processors and, because the South African timber industry is characterised by the dominance of a very few large participants, the overall results of the survey are regarded as representative of the status of the South African timber industry for the reporting period of July 2001 to June 2002.

The information in this Report is only based on actual information received and have both been compiled using the same database, with the result that comparisons with previous years are now possible. An interpretation of some of the differences noted between the two latest Reports are discussed in a specific section of this Report. The reader should review the comments in that section and adjust their interpretation of the detailed information contained elsewhere accordingly.

Forestry Economics Services cc extends its sincere appreciation to all who made the basic information available and would like to thank the various industry representative organisations who kindly provided assistance.

Forestry Economics Services cc
March 2003

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STATISTICS IN BRIEF

Commercial Timber Resources

(2000/2001 figures are shown in brackets)

- The total commercial timber plantation area in 2002 was 1 351 402 hectares (1 351 760 ha).
- Private sector ownership accounts for 76% (72%) of the total plantation area.
- Softwood species cover 52% (52%) of the area and hardwood species cover 48% (48%).
- 56% (55%) of the plantation area is managed mainly for pulpwood production, 37% (38%) for sawlog purposes and 4% (4%) for mining timber with the remaining 3% (3%) for other purposes.
- During the 2001/2002 year 8 684 073 tons (8 855 512 tons) were sold as pulpwood, 4 402 986 m³ (4 549 655 m³) as sawlogs and 496 423 tons (332 984 tons) as mining timber.
- The conversion from forestry to other agricultural use was 3 517 hectares (6 478 ha) whilst new afforestation amounted to 6 208 hectares (5 529 ha)

Primary Roundwood Processing

(2000/2001 figures are shown in brackets)

- 182 (167) plants were in operation, of which 103 (98) were sawmills (including veneer and plywood plants), 41 (32) pole treating plants, 20 (17) pulp and board mills and chipping plants and 12 (14) mining timber mills.
- The total roundwood intake during the year was 17 258 486 m³ (16 700 100 m³).
- The delivered at mill cost of the total roundwood intake was R3 266 million (R2 712 million).
- The value of sales of timber products totalled R13 807 million (R11 866 million).
- An amount of some R18 597 million (R17 831 million) was invested in primary roundwood processing plants

GENERAL INTRODUCTION

SCOPE OF POSTAL SURVEYS

Commercial Timber Resources

The survey covers all known commercial timber plantations, irrespective of size, managed by private and public authorities in the Republic of South Africa.

Private Authorities

- Individuals and partnerships
- Companies and close corporations
- Association, educational or religious institutions

Public Authorities

- SAFCOL (South African Forestry Company Limited)
- Government Departments
- Local authorities

Primary Roundwood Processing

The survey covers all known timber processing plants engaged in the sawing, cutting, treating, peeling, slicing, chipping or other processing of roundwood as they are processed from living or dead trees or parts of trees. In the process of gathering plantation information in the previous reporting period certain purchases of timber were identified and have, where possible been included in the mailing list.

Forestry Economic Zones

The area covered by the surveys is demarcated into twelve forestry economic zones consistent with past practice. These zones are based on political (provincial), physical (climate, rainfall, soil), silvicultural (timber species), economic (communication systems) and historic (ingrained usages) considerations. It must be noted that the Northern Province as reflected in previous reports has been renamed to Limpopo Province in this report.

The demarcated zones and the magisterial districts within which plantations and primary roundwood processors were reported on are shown on the following page.

Zone 1 Limpopo Province

Dzanani	Sibasa
Gazankulu	Soutpansberg
Lebowa	Vuwani
Letaba	Warmbad
Mutale	Waterberg
Pietersburg	

Zone 2 Mpumalanga North

Barberton	Nelspruit
Lydenburg	Pilgrim's Rest
Mapulaneng	White River

Zone 3 Central Districts

Alberton	Lichtenburg
Belfast	Middelburg
Bloemfontein	Pretoria
Boksburg	Springs
Brits	Westonaria
Klerksdorp	

Zone 4 Mpumalanga South

Carolina	Piet Retief
Eerstehoek	Wakkerstroom
Ermelo	Waterval Boven

Zone 5 Maputaland

Ingwavuma

Zone 6 Zululand

Babanango	Mtonjaneni
Lower Umfolozi	Mtunzini
Eshowe	Nkandla
Hlabisa	

Zone 7 KwaZulu-Natal Midlands

Bergville	Mooi River
Camperdown	New Hanover
Estcourt	Pietermaritzburg
Impendle	Pinetown
Inanda	Richmond
Kranskop	Umvoti
Lions River	Vulindlela
Lower Tugela	

Zone 8 KwaZulu-Natal North

Dundee	Paulpietersburg
Newcastle	Utrecht
Ngotshe	Vryheid

Zone 9 KwaZulu-Natal South

Alfred	Port Shepstone
Durban	Umlazi
Ixopo	Umzinto
Mount Currie	Underberg
Polela	

Zone 11 Eastern Cape

Bizana	Mqanduli
Cathcart	Ngqeleni
Elliot	Port Elizabeth
Engcobo	Qumbu
Hankey	Siphageni
Keiskammahoek	St Marks
King William's Town	Stockenström
Komga	Stutterheim
Kwa-bhaca	Tabankulu
Libode	Tsolo
Lusikisiki	Umtata
Maclear	Umzimkulu
Maxesibeni	Xalanga

Zone 12 Southern Cape

George	Knysna
Humansdorp	Mossel Bay

Zone 13 Western Cape

Belville	Riversdale
Bredasdorp	Somerset West
Caledon	Stellenbosch
Cape Town	Swellendam
Ceres	Tulbagh
Heidelberg	Wellington
Montagu	Wynberg
Paarl	

Symbols, Abbreviations and Conversion Factors

(a) Symbols and abbreviations used

-	=	nil or negligible
m ³	=	cubic metres
t	=	metric tons
Pvt	=	Private sector
Pub	=	Public sector
ha	=	hectares

(b) Rounding

All figures are rounded to the nearest full number. Totals of number lists may therefore show minor rounding differences.

(c) Conversion factors

Conversions between metric tons and cubic metres of roundwood have been made using the following conversion factors:

Softwood

Sawlogs 1 ton = 0.94m³

Pulpwood 1 ton = 1.0m³

Eucalyptus grandis

Sawlogs 1 ton = 0.94m³

Pulpwood 1 ton = 1.47m³

Other Gum Species

Sawlogs 1 ton = 0.78m³

Pulpwood 1 ton = 1.25m³

Wattle 1 ton = 1.138m³

Poplar 1 ton = 1.03m³

COMPARISON OF 2001/2002 WITH 2000/2001

Introduction

The reliability of the figures recorded in the industry statistics report is largely dependent on the completeness of information obtained. Although the number of returns received this year is considerably higher than the previous reporting year it is evident that there are a number of potential respondents whose information is not included in this publication.

A number of additional plantation owners not included in the original mailing list were noted during the statistics information gathering process. These additional plantation owners will be included in the next circulation. Similarly, a number of additional buyers of roundwood were identified from various sources and also from completed plantation owner forms received. These too have now been included in the next circulation.

Despite these known shortcomings in terms of the number of plantation owners and primary processors we believe that the results are substantially adequate for interpreting the state of the South African forestry industry for the 2001/2002 reporting period. The South African timber industry is characterised by a limited number of major plantation owners and processors all of whom supplied the requested information.

Plantation Area

The 2001/2002 reported area of 1 351 402 hectares is 358 hectares, 0.03%, less than the 1351 760 hectares reported for 2000/2001.

A comparison, by province, of the 2000/2001 reported plantation area and the area included in this Report is given in the table below.

Province	2002		2001		Difference
	Plantation Area		Plantation Area		
	Hectares	%	Hectares	%	Hectares
Limpopo Province	66 840	4.9	64 534	4.8	2 306
Mpumalanga	545 747	40.4	540 709	40.0	5 038
North West Province	107	0.0	107	-	0
Free State	-	-	-	-	-
KwaZulu-Natal	529 433	39.2	525 154	38.8	4 279
Eastern Cape	146 996	10.9	148 919	11.0	(1 923)
Western Cape	62 279	4.6	72 337	5.4	(10 058)
Total	1 351 402	100.0	1 351 760	100.0	(358)

Purpose of Plantations

Plantations are generally grown for a specified purpose, as this will dictate the appropriate silvicultural practice. Notwithstanding the intended purpose for which the plantations are grown, the actual sales mix at the time of harvesting will invariably include other forest products.

This Report reflects only a small change in the intended purpose for which certain hardwood plantations are grown as shown in the table below.

Purpose	2002		2001	
	Softwood	Hardwood	Softwood	Hardwood
	%	%	%	%
Sawlogs	68	3	69	3
Pulpwood	31	84	30	83
Mining Timber	-	8	-	8
Other	1	5	1	6
Total	100	100	100	100

Timber sold as mining timber has experienced an increase over the past reporting period and this has been confirmed in this Report by an increase of 49% but timber sold to chip manufacturers, who sell hardwood pulpwood chips to Far Eastern markets, has remained more static.

Sales Volumes from Plantations

A comparison of sales volumes from plantations for the period 2001/2002 and 2000/2001 is shown in the table below.

Product	2002		2001	
Sawlogs	4 402 986	m ³	4 549 655	m ³
Poles	592 340	m ³	544 897	m ³
Mining Timber	496 423	tons	332 984	tons
Pulpwood	8 684 073	tons	8 855 512	tons
Charcoal & Firewood	185 528	tons	188 950	tons
Other	87 789	tons	89 830	tons

Changes in sales volumes would generally reflect changes in market conditions between reporting periods and this probably accounts for most of the difference seen in the above table. The marginally higher sales volumes, 0.1%, reflected in the table above are consistent with market indicators.

Estimated Understatement of Reported Plantation Area and Processing Capacity

A comparison of total sales of timber with total purchases of timber by processors indicates a similar overall volume. However, a closer examination reveals that sawlog sales from plantations were considerably higher than the reported volume purchased by sawmills. Conversely the volume of pulpwood purchased was well in excess of reported plantation sales. It is highly likely that some of the difference can be attributed to different interpretations of product descriptions by respondents but it is doubtful that this would account for the major portion of the difference.

The following analysis will provide the user of these statistics with some appreciation of the possible magnitude of the understatement of both the plantation area and the processing capacity represented in this Report.

The reported pulpwood purchase volume by processors exceeds reported sales volumes from plantation owners by 1.3 million tons. This is an increase of 0.6 million tons compared with the previous year. It is a known fact that in the given reporting period 2001/2002, hardwood stockpiles of pulpwood had increased considerably and could account for up to 16% of this difference, as the plantation owners would have sold their timber to the co-operative's depot or holding area before transferring it to the buyers. Pulpwood purchases are concentrated amongst a few major processors all of whom are included in the processing statistics whilst the

supply base is widely spread. Given the relative certainty of the pulpwood purchase volume and assuming that none of the sawlog volume difference can be offset against the pulpwood difference, a plantation area of between 55 000 hectares and 83 000 hectares, in cycle, would be needed to support this annual timber volume difference. This area represents between 4.1% and 6.1% of the 1 351 402 hectares reported in this publication.

If the same offset assumption is made for the sawlog volume difference of 0.7 million cubic metres, the sawn timber production and sales volume are understated by between 310 000 cubic metres and say 400 000 cubic metres. This volume of sawn timber would have a value in the range of R375 million and R480 million, which represents approximately 3% of the reported industry sales value of R13 807 million. The sawlog sales can be regarded as being more accurate than the sawlog purchases because the major sawlog plantation owners are known to be included in the plantation statistics whilst sawlog processing is widely spread across many sawmills many of whom are known not to be included in the survey.

Although this above analysis is arguably an over simplification of the differences it is nevertheless our view that the statistics as reported are sufficiently adequate for general industry interpretation.

COMMERCIAL TIMBER RESOURCES

Plantation Inventory

The basic unit for the collection of information is the plantation unit, which comprises an area of land on which timber is grown for industrial or commercial purposes and which is:

- (a) producing, or physically capable of producing, usable crops of wood or wood products;
- (b) economically available now or in the future;
- (c) not withdrawn from harvesting of the plantation produce; and
- (d) situated, wholly or mainly, within a specific magisterial district.

A plantation unit may comprise one or more stands of plantations, consisting of one or more timber species, irrespective of these stands or plantations being contiguous or not, provided they are managed as a single unit.

Area under Plantation

Of the 122.1 million hectares of land in the Republic of South Africa, only 1.1% of the area was under commercial plantations in 2002.

Table I (page xiv) shows the distribution of the plantation area under each of the twelve forest economic zones and the extent to which the area in each zone is owned by either the private or public sectors.

Ownership Pattern

The distribution by size classes of both privately and publicly owned plantations in South Africa is shown in Table II on page xv.

Of all reported commercial plantations 76% (1 028 877 ha) is under private sector ownership whilst the other 24% (322 525 ha) is under public ownership. The extent of public ownership will decrease significantly once the partially completed SAFCOL privatisation process is finalised.

Only 13.8% (186 355 ha) of the plantation area is owned by 794 individuals, partnerships or family trusts, most of whom with an average area of less than 500 hectares each. Please note that the individual grouping includes several thousand hectares of plantations owned by many small growers under timber outgrower schemes operated by Mondi, Sappi and WGA.

Distribution of Timber Species and Ages

Table III (page xvi) shows the distribution of timber species groupings in each of the forestry economic zones. Pine and other softwood species are dominant in the Northern and Southern regions whilst the various hardwood species are dominant in the Middle (KwaZulu-Natal) region.

In recent years the area planted to various cloned hardwoods species has increased significantly in certain of the forestry economic zones, particularly in Zone 6 (Zululand). Most cloned hardwood species are *Eucalyptus grandis* based. The survey distinguished between *Eucalyptus grandis* and other *Eucalyptus* species but did not specify how cloned species should be classified. As a result, certain plantation owners recorded cloned species under other *Eucalyptus* species whilst others included their cloned hardwood plantation area under the

Eucalyptus grandis category. Care should be exercised in any interpretation of the data in this Report when distinguishing between *Eucalyptus grandis* and other *Eucalyptus* species.

Table IV (page xvii) reflects a summarised age distribution for each of the main species groups.

Detailed age class distributions for the various species in each of the forest economic zones are given in Tables A1.0 to A1.13 for softwoods and Tables A2.0 to A2.13 for hardwoods. These Tables can be found in Appendix A (pages 2 to 27).

Pinus patula is the softwood species planted most extensively in South Africa, comprising 357 359 hectares or 50.7% of the total softwood area. The species occurs mainly in Mpumalanga North and South, KwaZulu-Natal and the Eastern Cape. *Pinus elliottii*, comprising 27.4% of the softwood plantation area, is found in all regions except the Western Cape where *Pinus radiata* is virtually the exclusive softwood species. The total *Pinus radiata* area amounts to 59 021 hectares and is confined to the Cape regions.

The region with the largest hardwood area is the Province of KwaZulu-Natal where 55% of all hardwoods occur. The dominant species is *Eucalyptus grandis*, which accounts for 45.8% of the total hardwood area. South African hardwoods are grown primarily for pulpwood and mining timber production on an eight to twelve year rotation and hence the apparent young ages of the *Eucalyptus* plantations shown in Table IV.

Primary Management Purpose of Plantations

Table V (page xviii) summarises the main intended purpose for which the plantations are managed. It is important to note that despite timber growers having a primary intention for which the trees are grown, it is usual that a range of products may be actually sold when harvested. However, silvicultural practices may limit the range of alternate products available when the plantations are harvested.

56% of all plantations are managed for pulpwood, 37% for sawlogs, 4% for mining timber and 3% for other purposes. Softwoods are managed mainly for sawlog production (68%), whilst 84% of the hardwood area is managed for pulpwood production.

Detailed schedules of the management purpose by species and the planned clearfelling ages are shown in Appendix A, Tables A3.0 to A3.13 (pages 28 to 40).

Roundwood Sales

Table VI (page xix) provides a record of sales by product from the plantations in the demarcated forestry economic zones. It is apparent from the Table that pulpwood is the major product, whilst sawlogs are also a very significant product. Details of sales by species in each forestry economic zone are supplied in Tables A4.0 to A4.13 – see pages 41 to 53.

A comparison of the plantation sales volumes in Table VI with the roundwood purchases in Table VI indicates some large differences. Some contributing factors are:

- Roundwood imports and exports
- Timber sold from plantations on a standing basis, where the ultimate use may not be clear
- Differences in reporting units of measurement and conversion factors
- Differences in reporting periods
- Errors in the completion of forms

- Sales are handled through intermediaries (e.g. Co-operatives)
- Differences in survey sample

The reasons listed above are unlikely to fully account for the significant differences in plantation sale volumes versus processor purchases mentioned above. The major growers of sawlogs and the major buyers of pulpwood are known to be included in the survey. It is therefore probable that the major reason for these differences is that not all plantation owners are included in the survey results and that a number of smaller sawmills are similarly not included. The impact of this is discussed elsewhere in this Report.

Damage to Plantations

Part of the potential annual volume increment is destroyed by fire, climatic factors, insects and diseases. Estimates of future timber supply must allow for this possibility. The plantation area lost or damaged reported in the 2001/2002 survey amounted to 18 749 hectares. Details of the causes of these losses are recorded by cause for each region in Tables A5.0 to A5.13 in Appendix A (pages 54 to 66).

Conversion of Existing Plantations

Market and other conditions dictate that plantation owners will convert portions of their plantations from one species to another or even convert plantation land to other uses from time to time. During 2001/2002, reported conversions from one timber species to another amounted to 5 063 ha whilst conversion from timber to other land uses amounted to 3 517 hectares. A large portion of the area converted from timber to agriculture and other uses relate to the introduction of environmental audits, FSC certification, etc. which ensures that riverine areas, river valleys and wetlands are restored to their natural vegetation .

Details of reported conversions are given in Appendix A Tables A6.0 to A6.13 (pages 67 to 79).

New Afforestation

In recent years the rate of new afforestation in South Africa has declined considerably due to a number of factors, such as suitable forestry land becoming increasingly less available and a tightening of the procedures for the granting of the necessary water licences.

54% of the newly afforested area comprised areas planted to Eucalyptus trees, 31% to softwoods, 11% to wattle trees and the balance of 4% to other hardwood species. The private sector was responsible for 90% of the reported new afforestation.

Details of new afforestation by species and purpose for which the trees are grown within each forestry economic zone are set out in Tables A7.0 to A7.13 in Appendix A (see pages 80 to 92)

Table I - Distribution of Plantation Area by Zones and Ownership**2001/2002**

Region/Zone	2000/2001 ha	2001/2002 ha	% of RSA	Private Ownership	Public Ownership
Northern Regions					
Limpopo Province	64 534	66 840	4.9	43 390	23 449
Mpumalanga North	250 940	243 721	18.0	153 486	90 236
Central Districts	19 545	19 427	1.4	14 251	5 177
Mpumalanga South	270 331	282 706	20.9	251 404	31 302
Total Northern Regions	605 350	612 695	45.3	462 531	150 164
Middle Regions					
Maputaland	19 247	19 336	1.4	-	19 336
Zululand	136 052	125 815	9.3	104 183	21 632
Northern KwaZulu-Natal	76 582	81 270	6.0	78 344	2 926
KwaZulu-Natal Midlands	184 860	187 722	13.9	183 955	3 767
Southern KwaZulu-Natal	108 413	115 289	8.5	113 471	1 818
Total Middle Regions	525 154	529 432	39.2	479 953	49 479
Southern Regions					
Eastern Cape	129 788	126 931	9.4	55 879	71 052
Southern Cape	69 345	63 801	4.7	22 468	41 333
Western Cape	22 123	18 543	1.4	8 046	10 497
Total Southern Regions	221 256	209 275	15.5	86 393	122 882
Total South Africa	1 351 760	1 351 402	100.0	1 028 877	322 525

Table II - Number of Plantation Units by Size Group and Ownership

2001/2002

Size Group (ha)	Individual, Partnership or Family Trust	Companies	Other Private Institutions	Total Private Sector	Government Departments (Incl. SAFCOL)	Local Authorities	Total Public Sector	Total All Owners	% of Total
Number of Plantation Units									
1 to 49	247	64	4	315	9	3	12	327	24.7
50 to 99	121	27	5	153	21	1	22	175	13.2
100 to 199	169	45	1	215	38	1	39	254	19.2
200 to 499	175	65	2	242	34	3	37	279	21.0
500 to 999	60	35	-	95	11	1	12	107	8.1
1 000 to 1 999	15	31	-	46	15	-	15	61	4.6
2 000 to 4 999	6	23	-	29	19	1	20	49	3.7
5 000 +	1	48	-	49	25	-	25	74	5.6
Total Number	794	338	12	1 144	172	10	182	1 326	100.0
Total Plantation Area in Hectares									
1 to 49	5 354	1 449	61	6 864	279	45	324	7 188	0.5
50 to 99	8 694	2 021	307	11 022	1 515	70	1 585	12 607	0.9
100 to 199	24 076	6 403	100	30 579	5 549	101	5 650	36 229	2.7
200 to 499	56 232	20 515	442	77 189	10 355	1 017	11 372	88 561	6.6
500 to 999	41 269	25 444	-	66 713	8 351	652	9 003	75 716	5.6
1 000 to 1 999	19 418	43 729	-	63 147	20 402	-	20 402	83 549	6.2
2 000 to 4 999	19 922	77 634	-	97 556	58 673	2 276	60 949	158 505	11.7
5 000 +	11 390	664 415	-	675 805	213 242	-	213 242	889 047	65.8
Total Area	186 355	841 610	910	1 028 875	318 366	4 161	322 527	1 351 402	100.0

Table III - Distribution of Timber Species by Zones**2001/2002**

Region/Zone	Softwood Species		Eucalyptus Species		Wattle		Other Hardwood Species	
	ha	% of Total	ha	% of Total	ha	% of Total	ha	% of Total
Northern Regions								
Limpopo Province	27 166	3.9	38 755	7.4	33	0.0	885	10.3
Mpumalanga North	166 643	23.6	76 776	14.6	52	0.0	250	2.9
Central Districts	16 077	2.3	3 295	0.6	39	0.0	16	0.2
Mpumalanga South	142 504	20.2	118 790	22.6	18 929	16.8	2 481	29.0
Total Northern Regions	352 391	50.0	237 616	45.2	19 053	16.9	3 633	42.5
Middle Regions								
Maputaland	10 268	1.5	9 053	1.7	-	-	15	0.2
Zululand	22 606	3.2	91 147	17.4	10 510	9.3	1 552	18.1
Northern KwaZulu-Natal	17 221	2.4	42 192	8.0	21 546	19.2	310	3.6
KwaZulu-Natal Midlands	64 301	9.1	73 790	14.1	48 575	43.2	1 055	12.3
Southern KwaZulu-Natal	50 342	7.1	53 384	10.2	11 312	10.1	253	3.0
Total Middle Regions	164 738	23.4	269 566	51.3	91 944	81.7	3 186	37.2
Southern Regions								
Eastern Cape	108 914	15.4	16 011	3.0	1 500	1.3	507	5.9
Southern Cape	61 307	8.7	1 542	0.3	-	-	952	11.1
Western Cape	17 868	2.5	395	0.1	-	-	280	3.3
Total Southern Regions	188 089	26.7	17 948	3.4	1 500	1.3	1 738	20.3
Total South Africa	705 218	100.0	525 130	100.0	112 497	100.0	8 557	100.0

Table IV - Age Distribution by Species**2001/2002**

Age Class	Pines and Other Softwood species		Eucalyptus Species		Wattle		Other Hardwood Species	
	ha	% of Total	ha	% of Total	ha	% of Total	ha	% of Total
Area temporarily unplanted	45 524	6.5	17 113	3.3	6 069	5.4	106	1.2
0-4 years	119 214	16.9	179 772	34.2	43 431	38.6	1 436	16.8
4-9 years	158 700	22.5	229 557	43.7	47 335	42.1	2 153	25.2
9-14 years	157 151	22.3	75 613	14.4	12 786	11.4	2 005	23.4
14-19 years	92 546	13.1	13 833	2.6	732	0.7	1 096	12.8
19-24 years	62 991	8.9	3 696	0.7	149	0.1	340	4.0
24-29 years	38 268	5.4	1 145	0.2	33	0.0	162	1.9
29-34 years	17 454	2.5	1 141	0.2	24	0.0	308	3.6
34 + years	12 261	1.7	2 288	0.4	55	0.0	438	5.1
Jungle	1 109	0.2	972	0.2	1 883	1.7	513	6.0
Total Area	705 218	100.0	525 130	100.0	112 497	100.0	8 557	100.0

Table V - Plantation Area According to Main Purpose for which Trees are Grown**2001/2002**

Region/Zone	Sawtimber		Pulpwood		Mining Timber	Other Roundwood Products	
	Softwood ha	Hardwood ha	Softwood ha	Hardwood ha	Hardwood ha	Softwood ha	Hardwood ha
Northern Regions							
Limpopo Province	26 179	7 848	952	13 264	11 196	35	7 366
Mpumalanga North	135 899	8 553	30 744	36 133	30 965	-	1 428
Central Districts	3 423	-	12 649	2 350	999	5	-
Mpumalanga South	67 386	333	75 118	132 068	6 409	-	1 393
Total Northern Regions	232 887	16 734	119 463	183 814	49 569	40	10 187
Middle Regions							
Maputaland	5 771	-	4 496	9 043	-	-	26
Zululand	13 828	480	8 778	100 876	-	-	1 853
Northern KwaZulu-Natal	10 742	11	6 479	62 122	1 066	-	849
KwaZulu-Natal Midlands	22 000	461	42 150	118 836	748	151	3 376
Southern KwaZulu-Natal	25 763	279	24 576	63 502	338	3	831
Total Middle Regions	78 104	1 231	86 479	354 379	2 151	154	6 935
Southern Regions							
Eastern Cape	95 539	209	9 853	2 585	237	3 523	14 986
Southern Cape	58 652	1 392	3	679	5	2 652	418
Western Cape	15 485	30	2	112	-	2 380	533
Total Southern Regions	169 676	1 630	9 858	3 376	242	8 556	15 938
Total South Africa	480 667	19 595	215 801	541 569	51 962	8 750	33 059

Table VI - Roundwood Sales by Product and Zone**2001/2002**

Region/Zone	Sawlogs and Veneer m ³	Poles and Droppers m ³	Mining Timber tons	Pulpwood tons	Charcoal and Firewood tons	Other tons
Northern Regions						
Limpopo Province	361 525	46 171	71 745	95 987	23 275	25 493
Mpumalanga North	1 476 841	52 513	243 150	1 262 279	14 439	6 470
Central Districts	31 000	-	-	126 775	10	-
Mpumalanga South	1 400 323	41 074	139 648	2 016 975	29 271	8 335
Total Northern Regions	3 269 689	139 758	454 544	3 502 016	66 995	40 297
Middle Regions						
Maputaland	60 184	-	-	93 500	-	300
Zululand	151 212	40 172	-	1 704 096	1 805	277
Northern KwaZulu-Natal	56 240	7 541	32 885	505 440	45 186	1 466
KwaZulu-Natal Midlands	263 567	182 132	3 258	2 134 557	36 201	15 583
Southern KwaZulu-Natal	407 120	22 161	5 736	770 375	3 584	2 562
Total Middle Regions	938 323	252 005	41 879	5 207 969	86 776	20 188
Southern Regions						
Eastern Cape	891 953	247 048	-	57 354	29 702	20 578
Southern Cape	432 079	61 763	-	30 649	133	5 589
Western Cape	145 802	16 503	-	4 821	1 092	889
Total Southern Regions	1 469 834	325 313	-	92 823	30 927	27 056
Total South Africa	5 677 846	717 076	496 423	8 802 808	184 698	87 541

PRIMARY ROUNDWOOD PROCESSING

Introduction

The basic unit for the collection of information is a roundwood processing plant at a particular location. If a firm has two or more such establishments, each establishment is treated individually.

Table B10.0 in Appendix B (see page 94) reports the number of processing plants by region and the class of ownership. This Table shows that 182 plants are included in the 2001/2002 reporting period.

The distribution of roundwood processing plants by size of intake and type of processing is shown in Table B11.0 of Appendix B on page 95.

Capital Investment

The survey shows that the investment in fixed assets amounted to R18 598 million for establishments engaged in primary roundwood processing of roundwood. See Table B12.0 on page 96.

The degree of concentration of capital investment by processing sector is shown in Table B13.0 on page 97. Pulp and board mills account for the vast majority of the total investment at 91%.

Roundwood Intake

The volume of roundwood intake by primary processor amounted to 17 258 million cubic metres of which pulpwood comprised 71%. The total intake by primary processing sector is summarised in Table VII (page xxii) and a more detailed analysis is given in Table B14.0 on page 98.

The delivered mill cost value of timber purchased was R3 266 million (2000/2001 – R2 712 million), see Table B15.0 (Page 111).

Sales of Products

1. Sales Value

The total value of reported sales of timber based products in 2001/2002 amounted to R13 807 million an increase of 16.4% on the value of R11 886 million reported for the 2000/2001 period. Woodpulp and paper products continue to dominate the industry accounting for R8 642 million (2000/2001 R6 838 million) or 62.6% (2000/2001 – 57.6%).

Refer to Table B16.0 on page 112 for a list of all values.

2. Sale Quantities

The reported sales quantities for the major wood products and major pulp and board products are reflected in summarised Tables on the following page.

- **Quantity of sales of major wood products (Table B17.2 – page 114)**

Sawn timber	1 689 628	m ³
Poles	275 759	m ³
Mining timber	364 990	Tons
Woodchips	2 966 938	Tons

(The volume of wood products produced, as opposed to the volume sold, is reflected in Table B17.1 on page 113.)

- **Quantity of sales of pulp and board products (Table B18.0 – page 115)**

Paper grade pulp	571 129	Tons
Dissolving pulp	396 733	Tons
Particle board	372 588	m ³
Fibreboard	193 155	m ³

Table VII - Roundwood Intake by Primary Processors**2001/2002**

	m ³	t
Sawlogs and Veneerlogs	3 674 228	
Poles	361 294	
Mining Timber		384 369
Pulpwood		9 986 391
Other		326 470

APPENDIX A – Detailed Commercial Timber Resources Schedules

Table A1.0 - Total for South Africa

Area of Softwood Species by Age Class 2001/2002

Age in Years	<i>P. patula</i> ha	<i>P. elliotii</i> ha	<i>P. taeda</i> ha	<i>P. radiata</i> ha	<i>P. pinaster</i> ha	Other ha	Total ha
Temporary Unplanted	25 905	9 131	992	8 417	12	1 242	45 698
0-1	16 682	8 608	505	1 063	-	4 120	30 978
1-2	13 213	7 247	550	1 076	-	3 817	25 903
2-3	14 449	7 244	684	1 992	25	4 531	28 924
3-4	18 290	7 413	929	1 681	-	5 243	33 556
4-5	18 523	6 560	324	2 977	29	4 402	32 815
5-6	19 422	7 490	830	3 772	45	3 577	35 137
6-7	19 372	9 625	659	2 899	2	2 344	34 901
7-8	15 230	8 072	430	2 551	-	3 151	29 434
8-9	14 504	8 444	367	2 081	-	1 498	26 894
9-10	19 554	10 516	642	2 376	90	1 462	34 641
10-11	23 564	8 580	573	2 892	86	917	36 612
11-12	20 519	9 750	298	1 916	318	482	33 282
12-13	16 811	9 734	226	1 582	457	414	29 224
13-14	11 482	8 730	138	1 598	329	760	23 037
14-15	9 372	8 213	162	1 710	490	681	20 627
15-16	9 320	7 040	691	1 351	783	410	19 594
16-17	8 227	5 849	581	1 065	414	581	16 717
17-18	8 849	5 724	976	966	357	600	17 473
18-19	8 904	5 406	1 504	616	501	560	17 490
19-20	6 834	5 512	2 043	723	565	364	16 042
20-21	6 445	4 162	2 247	837	575	147	14 413
21-22	4 963	3 621	2 705	1 090	478	192	13 050
22-23	3 338	3 046	1 926	822	992	199	10 323
23-24	2 691	2 270	1 922	1 094	1 222	118	9 317
24-25	2 964	2 061	1 523	744	1 007	29	8 328
25-26	2 876	2 072	1 484	1 196	1 061	450	9 141
26-27	2 535	2 008	1 711	1 187	565	113	8 118
27-28	2 661	1 632	1 723	696	639	45	7 395
28-29	2 289	811	982	510	532	136	5 259
29-30	1 461	1 311	510	681	459	31	4 453
30-31	901	2 073	914	684	1 206	157	5 936
31-32	933	960	396	593	524	172	3 579
32-33	627	603	123	264	224	78	1 918
33-34	615	198	206	254	324	35	1 632
34+	2 631	1 409	369	2 608	4 508	738	12 264
Jungle	404	53	20	456	7	172	1 113
Total	357 359	193 179	32 865	59 021	18 825	43 968	705 217

Table A1.1 - Zone 1 Limpopo Province

Area of Softwood Species by Age Class 2001/2002

Age in Years	<i>P. patula</i> ha	<i>P. elliotii</i> ha	<i>P. taeda</i> ha	<i>P. radiata</i> ha	<i>P. pinaster</i> ha	Other ha	Total ha
Temporary Unplanted	578	69	-	13	-	20	680
0-1	703	104	-	5	-	832	1 643
1-2	285	186	-	14	-	314	798
2-3	350	440	13	-	-	165	968
3-4	841	206	-	8	-	106	1 160
4-5	907	277	-	6	-	26	1 216
5-6	1 410	308	1	8	-	32	1 758
6-7	2 585	510	26	4	-	45	3 170
7-8	654	313	35	28	-	40	1 070
8-9	731	280	3	14	-	85	1 114
9-10	406	213	-	24	-	16	659
10-11	556	172	12	12	-	68	819
11-12	861	267	30	7	-	123	1 288
12-13	458	101	-	12	-	45	616
13-14	473	143	-	7	-	59	682
14-15	381	118	-	-	-	11	510
15-16	473	342	-	4	-	48	867
16-17	573	224	1	2	-	20	820
17-18	401	198	23	0	-	47	670
18-19	405	165	64	-	-	31	665
19-20	210	281	16	-	-	26	534
20-21	191	133	107	-	-	50	482
21-22	168	270	83	-	-	10	530
22-23	130	131	87	-	-	53	401
23-24	145	205	265	-	-	47	663
24-25	86	61	248	-	-	16	412
25-26	148	127	136	-	-	44	455
26-27	81	92	180	-	-	13	367
27-28	43	2	92	-	-	-	136
28-29	28	2	143	-	-	-	173
29-30	8	-	133	-	-	-	141
30-31	219	882	424	-	-	68	1 593
31-32	11	4	-	-	-	-	15
32-33	3	7	8	-	-	-	18
33-34	7	-	1	-	-	-	8
34+	8	-	1	-	-	-	9
Jungle	58	-	-	-	-	-	58
Total	15 574	6 835	2 131	168	-	2 458	27 166

Table A1.2 - Zone 2 Mpumalanga North

Area of Softwood Species by Age Class 2001/2002

Age in Years	<i>P. patula</i> ha	<i>P. elliotii</i> ha	<i>P. taeda</i> ha	<i>P. radiata</i> ha	<i>P. pinaster</i> ha	Other ha	Total ha
Temporary Unplanted	3 010	1 028	451	-	-	175	4 664
0-1	2 596	1 353	252	-	-	1 090	5 291
1-2	2 874	1 590	207	-	-	1 819	6 490
2-3	2 995	901	324	-	-	2 128	6 348
3-4	3 344	1 382	454	-	-	1 684	6 864
4-5	4 061	1 640	180	-	-	1 132	7 013
5-6	4 674	2 686	479	-	-	591	8 429
6-7	5 653	4 489	270	2	-	299	10 713
7-8	5 248	3 075	132	-	-	374	8 829
8-9	3 150	2 427	55	-	-	176	5 807
9-10	3 653	3 258	288	-	-	361	7 559
10-11	3 079	2 171	170	-	-	169	5 590
11-12	3 782	2 918	68	-	-	35	6 803
12-13	3 973	2 134	4	-	-	52	6 163
13-14	3 673	2 029	7	-	-	132	5 841
14-15	3 484	2 514	56	-	3	147	6 203
15-16	2 929	2 291	399	-	-	202	5 822
16-17	2 621	2 046	295	-	-	165	5 127
17-18	3 082	2 318	493	-	-	286	6 180
18-19	2 609	2 147	625	46	-	393	5 820
19-20	1 695	1 559	820	-	-	141	4 215
20-21	1 451	1 716	1 073	30	36	71	4 377
21-22	1 103	1 247	1 217	16	23	69	3 675
22-23	1 147	1 570	1 131	-	10	88	3 946
23-24	920	783	863	-	7	26	2 599
24-25	1 078	702	842	-	2	-	2 624
25-26	793	572	932	0	28	84	2 409
26-27	775	579	910	1	19	12	2 296
27-28	733	514	1 219	-	31	32	2 528
28-29	832	291	619	-	27	14	1 783
29-30	638	344	185	-	18	15	1 200
30-31	302	104	129	-	16	10	561
31-32	232	177	254	-	1	3	667
32-33	102	135	61	-	-	47	345
33-34	169	125	81	-	-	1	375
34+	674	162	202	-	12	164	1 215
Jungle	237	38	-	-	-	-	275
Total	83 370	55 014	15 746	95	233	12 186	166 643

Table A1.3 - Zone 3 Central Districts

Area of Softwood Species by Age Class 2001/2002

Age in Years	<i>P. patula</i> ha	<i>P. elliotii</i> ha	<i>P. taeda</i> ha	<i>P. radiata</i> ha	<i>P. pinaster</i> ha	Other ha	Total ha
Temporary Unplanted	369	112	-	-	-	-	481
0-1	216	-	-	-	-	125	341
1-2	389	-	-	-	-	123	512
2-3	169	8	-	-	-	83	261
3-4	304	1	-	-	-	23	329
4-5	210	13	-	-	-	176	399
5-6	283	114	-	-	-	79	477
6-7	575	359	-	8	-	95	1 038
7-8	800	99	-	-	-	49	948
8-9	501	302	-	-	-	-	803
9-10	765	281	-	-	-	4	1 050
10-11	568	160	-	-	-	2	730
11-12	600	546	-	-	-	4	1 150
12-13	359	488	-	-	-	1	848
13-14	970	334	-	-	-	41	1 345
14-15	538	120	-	-	-	-	658
15-16	874	68	-	-	-	-	942
16-17	391	47	-	-	-	-	438
17-18	254	30	-	-	-	22	306
18-19	687	390	-	-	-	-	1 077
19-20	170	169	254	-	-	-	593
20-21	116	191	47	-	-	-	354
21-22	135	-	-	-	-	-	135
22-23	26	84	-	-	-	4	114
23-24	27	18	-	-	-	-	45
24-25	24	21	-	-	-	-	45
25-26	1	-	-	-	-	-	1
26-27	68	46	-	-	-	-	114
27-28	138	-	-	-	-	-	138
28-29	35	-	-	-	-	30	65
29-30	67	-	-	-	-	-	67
30-31	2	-	-	-	-	-	2
31-32	-	-	-	-	-	-	-
32-33	-	-	-	-	-	-	-
33-34	208	-	-	-	-	-	208
34+	47	-	6	-	-	7	60
Jungle	-	-	-	-	-	-	-
Total	10 890	4 001	307	8	-	869	16 077

Table A1.4 - Zone 4 Mpumalanga South

Area of Softwood Species by Age Class 2001/2002

Age in Years	<i>P. patula</i> ha	<i>P. elliotii</i> ha	<i>P. taeda</i> ha	<i>P. radiata</i> ha	<i>P. pinaster</i> ha	Other ha	Total ha
Temporary Unplanted	6 617	1 144	285	-	-	84	8 130
0-1	6 095	1 462	2	-	-	528	8 087
1-2	4 788	1 027	75	-	-	323	6 214
2-3	5 682	1 401	7	-	-	623	7 714
3-4	7 149	1 830	85	-	-	495	9 559
4-5	6 978	1 717	6	-	-	490	9 190
5-6	5 809	1 332	-	-	-	307	7 448
6-7	4 142	1 237	13	-	-	264	5 656
7-8	4 645	1 630	-	-	-	92	6 367
8-9	3 855	1 904	14	12	-	49	5 834
9-10	5 702	2 271	117	-	-	58	8 147
10-11	5 638	1 384	73	-	-	56	7 152
11-12	3 817	1 266	5	-	-	52	5 141
12-13	3 119	1 555	60	-	-	28	4 763
13-14	1 836	2 102	74	-	-	215	4 227
14-15	1 752	798	15	-	-	115	2 679
15-16	1 819	709	93	-	-	29	2 650
16-17	2 303	577	191	1	-	-	3 072
17-18	2 654	381	270	-	-	107	3 412
18-19	2 483	725	497	-	-	49	3 755
19-20	2 740	1 353	462	-	-	2	4 558
20-21	2 849	586	550	-	-	1	3 986
21-22	1 862	962	658	3	-	-	3 484
22-23	1 222	709	335	-	-	54	2 320
23-24	785	521	458	-	-	45	1 808
24-25	972	93	43	-	-	-	1 107
25-26	1 143	100	80	-	-	68	1 391
26-27	800	57	135	-	-	14	1 006
27-28	1 298	78	112	-	-	-	1 488
28-29	851	88	2	-	-	30	972
29-30	383	75	40	-	-	-	498
30-31	133	13	17	-	-	5	168
31-32	184	11	1	-	-	5	201
32-33	101	11	-	-	-	16	128
33-34	24	11	-	-	-	-	35
34+	46	23	1	-	-	52	122
Jungle	21	14	-	-	-	-	34
Total	102 300	31 158	4 775	16	-	4 256	142 504

Table A1.5 - Zone 5 Maputaland

Area of Softwood Species by Age Class 2001/2002

Age in Years	<i>P. patula</i> ha	<i>P. elliotii</i> ha	<i>P. taeda</i> ha	<i>P. radiata</i> ha	<i>P. pinaster</i> ha	Other ha	Total ha
Temporary Unplanted	-	2 663	-	-	-	-	2 663
0-1	-	44	-	-	-	-	44
1-2	-	724	-	-	-	-	724
2-3	-	748	-	-	-	-	748
3-4	-	522	-	-	-	-	522
4-5	-	-	-	-	-	-	-
5-6	-	-	-	-	-	-	-
6-7	-	-	-	-	-	222	222
7-8	-	-	-	-	-	282	282
8-9	-	-	-	-	-	241	241
9-10	-	-	-	-	-	143	143
10-11	-	15	-	-	-	-	15
11-12	-	9	-	-	-	-	9
12-13	-	-	-	-	-	125	125
13-14	-	-	-	-	-	288	288
14-15	-	51	-	-	-	367	418
15-16	-	177	-	-	-	82	258
16-17	-	184	-	-	-	276	459
17-18	-	584	-	-	-	121	705
18-19	-	244	-	-	-	25	269
19-20	-	272	-	-	-	153	425
20-21	-	242	-	-	-	-	242
21-22	-	7	-	-	-	-	7
22-23	-	-	-	-	-	-	-
23-24	-	-	-	-	-	-	-
24-25	-	28	-	-	-	-	28
25-26	-	-	-	-	-	-	-
26-27	-	-	-	-	-	-	-
27-28	-	84	-	-	-	-	84
28-29	-	-	-	-	-	-	-
29-30	-	447	-	-	-	-	447
30-31	-	210	-	-	-	-	210
31-32	-	68	-	-	-	-	68
32-33	-	253	-	-	-	-	253
33-34	-	-	-	-	-	-	-
34+	-	223	-	-	-	148	371
Jungle	-	-	-	-	-	-	-
Total	-	7 797	-	-	-	2 470	10 268

Table A1.6 - Zone 6 Zululand

Age in Years	Area of Softwood Species by Age Class						Total ha
	<i>P. patula</i> ha	<i>P. elliotii</i> ha	<i>P. taeda</i> ha	<i>P. radiata</i> ha	<i>P. pinaster</i> ha	Other ha	
Temporary Unplanted	558	628	-	-	-	-	1 185
0-1	19	695	-	-	-	51	766
1-2	112	373	-	-	-	-	485
2-3	67	825	-	-	-	-	892
3-4	23	613	3	-	-	-	639
4-5	54	591	-	-	-	8	653
5-6	2	930	23	-	-	72	1 027
6-7	48	764	-	-	-	91	902
7-8	1	426	13	-	-	2	442
8-9	58	793	-	-	-	4	854
9-10	98	910	12	-	4	69	1 093
10-11	192	830	3	-	-	3	1 028
11-12	417	1 235	16	-	-	16	1 684
12-13	97	1 275	2	-	-	-	1 374
13-14	249	1 196	12	-	-	-	1 457
14-15	49	2 415	53	-	5	13	2 536
15-16	81	1 226	92	-	-	4	1 402
16-17	64	820	45	-	-	84	1 013
17-18	35	471	105	-	-	-	611
18-19	12	651	49	-	-	-	712
19-20	9	295	16	-	-	-	320
20-21	-	135	17	-	-	-	152
21-22	-	172	60	-	-	-	232
22-23	39	79	33	-	-	-	151
23-24	-	111	-	-	-	-	111
24-25	29	91	-	-	-	-	120
25-26	-	128	-	-	-	-	128
26-27	-	85	-	-	-	-	85
27-28	-	80	-	-	-	-	80
28-29	-	117	-	-	-	-	117
29-30	-	19	-	-	-	-	19
30-31	-	87	-	-	-	-	87
31-32	-	37	-	-	-	-	37
32-33	-	84	-	-	-	-	84
33-34	-	45	-	-	-	-	45
34+	26	57	-	-	-	-	83
Jungle	-	-	-	-	-	-	-
Total	2 340	19 288	553	-	9	416	22 606

Table A1.7 - Zone 7 Kwazulu-Natal Midlands

Area of Softwood Species by Age Class 2001/2002

Age in Years	<i>P. patula</i> ha	<i>P. elliotii</i> ha	<i>P. taeda</i> ha	<i>P. radiata</i> ha	<i>P. pinaster</i> ha	Other ha	Total ha
Temporary Unplanted	1 080	279	217	-	-	451	2 027
0-1	2 015	422	80	-	-	656	3 173
1-2	1 586	825	195	-	-	308	2 914
2-3	1 920	704	290	-	-	329	3 242
3-4	1 553	864	367	-	-	480	3 263
4-5	1 328	643	110	-	-	422	2 502
5-6	2 021	400	222	-	-	292	2 935
6-7	994	369	175	32	-	-	1 570
7-8	707	719	86	-	-	121	1 633
8-9	1 479	935	176	-	-	14	2 604
9-10	3 301	1 474	128	-	-	16	4 919
10-11	4 408	1 008	155	-	-	24	5 595
11-12	3 891	1 200	61	-	-	51	5 202
12-13	2 130	2 050	145	20	-	34	4 379
13-14	1 240	1 459	40	-	-	23	2 762
14-15	1 120	996	38	-	-	29	2 182
15-16	761	927	52	-	-	11	1 751
16-17	636	948	13	-	-	7	1 604
17-18	959	841	69	-	-	17	1 886
18-19	626	418	93	-	-	35	1 172
19-20	768	721	158	-	-	15	1 662
20-21	747	505	296	-	-	4	1 552
21-22	373	322	298	-	-	89	1 082
22-23	195	63	86	-	-	-	344
23-24	314	115	140	-	-	-	568
24-25	153	59	63	-	-	-	274
25-26	170	38	6	-	-	-	214
26-27	181	25	40	-	-	-	245
27-28	106	35	47	-	-	-	188
28-29	123	17	33	-	-	-	172
29-30	54	17	3	-	-	-	73
30-31	29	39	21	-	-	-	89
31-32	32	4	-	-	-	-	35
32-33	57	9	5	-	-	-	71
33-34	18	7	-	-	-	5	30
34+	107	121	-	-	-	131	359
Jungle	25	2	-	-	-	-	27
Total	37 200	19 578	3 907	52	-	3 564	64 301

Table A1.8 - Zone 8 Northern Kwazulu-Natal

Area of Softwood Species by Age Class 2001/2002

Age in Years	<i>P. patula</i> ha	<i>P. elliotii</i> ha	<i>P. taeda</i> ha	<i>P. radiata</i> ha	<i>P. pinaster</i> ha	Other ha	Total ha
Temporary Unplanted	552	76	-	-	-	-	628
0-1	183	83	-	-	-	-	266
1-2	263	220	-	-	-	-	483
2-3	153	259	-	-	-	46	458
3-4	363	344	-	-	-	34	740
4-5	278	435	12	-	-	-	725
5-6	279	626	-	-	-	27	932
6-7	386	585	-	-	-	-	971
7-8	294	996	4	-	-	19	1 313
8-9	1 191	828	-	-	-	-	2 019
9-10	191	969	-	-	-	-	1 159
10-11	503	417	-	-	-	1	921
11-12	465	380	-	-	-	-	845
12-13	433	474	6	-	-	-	912
13-14	361	276	3	-	-	-	640
14-15	227	45	-	-	-	-	272
15-16	111	366	-	-	-	-	477
16-17	354	53	-	-	-	16	423
17-18	209	41	-	-	-	-	250
18-19	541	55	46	-	-	6	648
19-20	304	27	49	-	-	-	380
20-21	137	52	41	-	-	-	231
21-22	254	-	44	-	-	-	297
22-23	43	-	52	-	-	-	96
23-24	6	15	47	-	-	-	68
24-25	71	41	45	-	-	-	157
25-26	48	60	68	-	-	77	253
26-27	81	27	43	-	-	17	168
27-28	31	107	-	3	-	-	141
28-29	109	18	2	-	-	30	159
29-30	6	5	-	-	-	15	27
30-31	-	40	33	-	-	-	73
31-32	19	9	6	-	-	-	34
32-33	-	-	3	-	-	-	3
33-34	-	-	0	-	-	-	0
34+	2	-	-	-	-	1	3
Jungle	-	-	-	-	-	50	50
Total	8 446	7 931	502	3	-	339	17 221

Table A1.9 - Zone 9 Southern Kwazulu-Natal

Area of Softwood Species by Age Class 2001/2002

Age in Years	<i>P. patula</i> ha	<i>P. elliottii</i> ha	<i>P. taeda</i> ha	<i>P. radiata</i> ha	<i>P. pinaster</i> ha	Other ha	Total ha
Temporary Unplanted	1 540	128	38	-	-	93	1 798
0-1	1 554	786	72	-	-	500	2 912
1-2	1 155	472	-	28	-	273	1 928
2-3	2 070	174	-	-	-	443	2 687
3-4	1 733	153	10	-	-	361	2 256
4-5	2 362	313	-	13	-	293	2 981
5-6	2 377	182	32	-	-	280	2 872
6-7	2 548	598	-	-	-	78	3 224
7-8	896	57	-	-	-	11	963
8-9	1 578	216	2	-	-	-	1 796
9-10	2 911	212	-	-	-	51	3 174
10-11	4 368	366	-	14	3	-	4 750
11-12	2 025	101	-	10	-	-	2 136
12-13	2 284	271	9	-	-	-	2 565
13-14	1 992	338	2	1	-	-	2 333
14-15	984	378	-	-	-	-	1 361
15-16	1 064	332	40	-	-	-	1 436
16-17	491	189	19	-	18	-	717
17-18	540	199	-	-	18	-	757
18-19	649	219	40	-	-	16	924
19-20	475	419	197	-	-	27	1 118
20-21	414	153	32	-	-	-	599
21-22	226	236	268	-	-	-	730
22-23	128	143	11	-	-	-	282
23-24	154	75	102	-	-	-	331
24-25	118	224	86	-	-	-	428
25-26	119	305	173	-	-	169	766
26-27	80	216	243	-	-	-	539
27-28	105	323	166	5	-	2	601
28-29	21	188	103	-	-	1	313
29-30	42	53	118	-	-	-	213
30-31	-	23	3	-	-	-	26
31-32	13	-	46	-	-	61	120
32-33	-	-	-	-	-	-	-
33-34	21	-	-	-	-	-	21
34+	38	5	8	614	-	19	684
Jungle	-	-	-	-	-	-	-
Total	37 076	8 044	1 821	683	39	2 678	50 342

Table A1.11 - Zone 11 Eastern Cape

Area of Softwood Species by Age Class 2001/2002

Age in Years	<i>P. patula</i> ha	<i>P. elliotii</i> ha	<i>P. taeda</i> ha	<i>P. radiata</i> ha	<i>P. pinaster</i> ha	Other ha	Total ha
Temporary Unplanted	11 572	2 405	-	193	-	401	14 571
0-1	3 301	2 381	-	56	-	339	6 076
1-2	1 762	428	74	30	-	656	2 949
2-3	1 043	722	50	124	-	707	2 646
3-4	2 979	811	9	350	-	2 061	6 210
4-5	2 346	648	16	579	28	1 855	5 472
5-6	2 567	695	41	642	-	1 890	5 835
6-7	2 442	263	169	373	-	1 247	4 493
7-8	1 985	344	131	568	-	2 117	5 145
8-9	1 963	352	107	210	-	880	3 511
9-10	2 527	658	98	270	30	711	4 293
10-11	4 253	1 352	159	347	45	574	6 729
11-12	4 661	1 593	118	248	149	106	6 875
12-13	3 957	1 074	-	228	144	129	5 532
13-14	688	614	-	128	121	2	1 553
14-15	837	546	-	144	147	-	1 675
15-16	1 208	443	15	162	149	27	2 003
16-17	794	495	17	131	87	-	1 525
17-18	716	495	16	116	-	-	1 342
18-19	890	215	91	114	157	-	1 468
19-20	463	202	72	69	73	-	878
20-21	538	235	84	204	-	2	1 064
21-22	843	243	79	54	74	14	1 306
22-23	407	238	191	6	410	-	1 253
23-24	340	289	41	100	709	-	1 480
24-25	433	651	197	78	754	3	2 115
25-26	454	656	73	197	518	8	1 907
26-27	467	760	160	131	240	57	1 815
27-28	206	245	88	45	26	11	621
28-29	289	55	80	58	66	31	579
29-30	262	127	31	107	31	1	558
30-31	218	334	272	127	202	71	1 224
31-32	443	290	63	122	16	104	1 036
32-33	364	65	30	3	-	15	477
33-34	169	-	114	41	-	2	326
34+	1 682	253	91	66	32	73	2 198
Jungle	63	-	20	26	-	65	174
Total	60 132	21 178	2 796	6 444	4 206	14 158	108 914

Table A1.12 - Zone 12 Southern Cape

Area of Softwood Species by Age Class 2001/2002

Age in Years	<i>P. patula</i> ha	<i>P. elliotii</i> ha	<i>P. taeda</i> ha	<i>P. radiata</i> ha	<i>P. pinaster</i> ha	Other ha	Total ha
Temporary Unplanted	30	602	-	6 659	-	18	7 308
0-1	-	1 277	99	832	-	-	2 208
1-2	-	1 402	-	865	-	-	2 267
2-3	-	1 062	-	1 766	-	6	2 834
3-4	-	689	-	915	-	-	1 604
4-5	-	281	-	1 277	2	-	1 560
5-6	-	212	10	2 255	-	6	2 483
6-7	-	451	6	1 682	2	4	2 145
7-8	-	414	29	1 478	-	2	1 923
8-9	-	407	10	1 257	-	49	1 724
9-10	-	271	-	1 424	57	-	1 752
10-11	-	705	-	1 549	38	-	2 291
11-12	-	230	-	1 289	164	-	1 683
12-13	-	312	-	1 063	272	-	1 647
13-14	-	238	-	1 019	134	-	1 392
14-15	-	233	-	1 053	225	-	1 510
15-16	-	159	-	831	571	-	1 561
16-17	-	266	-	641	228	-	1 134
17-18	-	165	-	606	269	-	1 040
18-19	-	176	-	351	259	4	790
19-20	-	209	-	465	335	-	1 009
20-21	-	213	-	426	394	-	1 032
21-22	-	160	-	647	330	2	1 139
22-23	-	30	-	563	404	-	997
23-24	-	138	6	801	439	-	1 383
24-25	-	90	-	450	224	-	764
25-26	-	82	3	872	463	-	1 421
26-27	-	120	-	870	295	-	1 285
27-28	-	165	-	472	522	-	1 159
28-29	-	36	-	400	385	0	822
29-30	-	225	-	338	335	-	898
30-31	-	340	14	412	890	4	1 659
31-32	-	361	27	242	436	-	1 067
32-33	-	40	4	163	125	-	331
33-34	-	11	10	137	205	27	390
34+	-	542	46	1 003	3 369	59	5 019
Jungle	-	-	-	16	3	58	77
Total	30	12 314	263	37 089	11 373	238	61 307

Table A1.13 - Zone 13 Western Cape

Area of Softwood Species by Age Class 2001/2002

Age in Years	<i>P. patula</i> ha	<i>P. elliotii</i> ha	<i>P. taeda</i> ha	<i>P. radiata</i> ha	<i>P. pinaster</i> ha	Other ha	Total ha
Temporary Unplanted	-	-	-	1 552	12	-	1 564
0-1	-	-	-	170	-	-	170
1-2	-	-	-	139	-	-	139
2-3	-	-	-	102	25	-	127
3-4	-	-	-	408	-	-	408
4-5	-	1	-	1 102	-	-	1 103
5-6	-	4	22	868	45	2	941
6-7	-	-	-	799	-	-	799
7-8	-	-	-	477	-	42	519
8-9	-	-	-	588	-	-	588
9-10	-	-	-	658	-	34	692
10-11	-	-	-	971	1	20	992
11-12	-	6	-	362	5	94	467
12-13	-	-	-	259	41	-	300
13-14	-	-	-	444	74	-	518
14-15	-	-	-	513	110	-	623
15-16	-	-	-	354	63	8	425
16-17	-	-	-	290	82	13	385
17-18	-	-	-	244	70	-	314
18-19	-	-	-	105	84	-	189
19-20	-	3	-	190	157	-	349
20-21	-	-	-	177	145	20	342
21-22	-	2	-	371	51	9	433
22-23	-	-	-	253	168	-	421
23-24	-	-	-	193	67	-	259
24-25	-	-	-	216	27	10	254
25-26	-	3	14	126	51	-	195
26-27	-	-	-	185	12	-	197
27-28	-	-	-	170	59	-	229
28-29	-	-	-	52	54	-	106
29-30	-	-	-	236	75	-	311
30-31	-	-	-	146	98	-	243
31-32	-	-	-	229	71	-	300
32-33	-	-	13	98	99	-	210
33-34	-	-	-	76	119	-	195
34+	-	22	14	925	1 095	84	2 141
Jungle	-	-	-	414	4	-	418
Total	-	42	63	14 462	2 965	335	17 867

Table A2.0 - Total for South Africa

Area of Hardwood Species by Age Class 2001/2002

Age in Years	<i>E. grandis</i> ha	Other Gum ha	Wattle ha	Poplars ha	Other ha	Total ha
Temporary Unplanted	10 209	6 908	6 143	40	66	23 366
0-1	23 495	24 942	12 584	53	242	61 316
1-2	21 002	19 189	10 255	103	318	50 867
2-3	25 014	21 329	9 968	76	337	56 724
3-4	24 591	20 210	10 595	96	213	55 705
4-5	25 319	23 245	9 733	82	187	58 567
5-6	25 931	24 755	9 527	98	343	60 653
6-7	27 253	21 802	10 698	97	354	60 204
7-8	26 865	20 356	9 566	188	570	57 546
8-9	22 679	11 332	7 587	67	167	41 832
9-10	16 085	8 342	5 295	126	393	30 241
10-11	11 407	6 767	4 115	77	514	22 880
11-12	6 878	5 205	2 203	139	128	14 553
12-13	7 863	5 026	889	149	152	14 078
13-14	5 165	2 884	422	107	221	8 800
14-15	3 661	1 552	299	63	219	5 794
15-16	2 506	538	163	75	98	3 381
16-17	1 983	511	141	27	130	2 792
17-18	1 271	739	87	26	235	2 359
18-19	880	194	52	159	64	1 349
19-20	1 722	183	28	35	41	2 010
20-21	411	127	7	29	76	649
21-22	572	123	101	10	62	868
22-23	139	137	5	12	13	305
23-24	145	138	11	37	26	357
24-25	139	76	21	21	7	264
25-26	272	39	6	4	12	333
26-27	116	31	-	1	37	185
27-28	324	30	-	8	30	392
28-29	84	34	6	28	14	165
29-30	101	151	-	15	16	284
30-31	239	120	22	13	82	475
31-32	80	286	-	4	130	501
32-33	20	4	2	1	27	55
33-34	111	27	-	2	18	159
34+	1 066	1 223	56	78	360	2 783
Jungle	276	697	1 910	33	479	3 396
Total	295 876	229 254	112 497	2 179	6 380	646 185

Table A2.1 - Zone 1 Limpopo Province

Age in Years	Area of Hardwood Species by Age Class					Total ha
	<i>E. grandis</i> ha	Other Gum ha	Wattle ha	Poplars ha	Other ha	
Temporary Unplanted	777	227	-	47	-	1 052
0-1	1 707	1 111	-	132	-	2 950
1-2	1 403	1 109	-	170	-	2 682
2-3	1 797	1 362	-	176	-	3 335
3-4	1 598	1 201	-	1	-	2 800
4-5	1 472	1 351	8	-	-	2 831
5-6	1 685	2 072	-	1	-	3 758
6-7	2 514	1 720	2	22	-	4 259
7-8	1 813	1 458	19	28	-	3 319
8-9	1 614	1 259	4	0	-	2 876
9-10	1 444	698	-	57	-	2 200
10-11	1 105	979	-	1	-	2 085
11-12	562	698	-	12	-	1 272
12-13	743	196	-	1	-	940
13-14	506	111	-	9	-	626
14-15	370	86	-	-	-	456
15-16	202	67	-	3	-	272
16-17	226	25	-	18	4	273
17-18	160	90	-	14	-	264
18-19	152	33	-	39	-	224
19-20	93	33	-	17	-	143
20-21	88	52	-	44	3	188
21-22	130	22	-	22	-	174
22-23	86	44	-	-	3	133
23-24	72	59	-	0	1	132
24-25	28	70	-	-	-	97
25-26	72	27	-	-	-	99
26-27	-	16	-	-	-	16
27-28	14	5	-	0	-	19
28-29	51	-	-	0	-	51
29-30	33	4	-	-	-	36
30-31	7	2	-	22	-	31
31-32	-	-	-	-	-	-
32-33	-	-	-	-	-	-
33-34	-	-	-	-	-	-
34+	11	30	-	35	-	77
Jungle	-	-	-	-	-	-
Total	22 537	16 219	33	874	11	39 673

Table A2.2 - Zone 2 Mpumalanga North

Age in Years	Area of Hardwood Species by Age Class					2001/2002
	<i>E. grandis</i> ha	Other Gum ha	Wattle ha	Poplars ha	Other ha	Total ha
Temporary Unplanted	2 533	505	-	-	2	3 040
0-1	4 625	1 300	-	2	-	5 927
1-2	3 243	985	-	-	-	4 228
2-3	4 002	1 495	-	-	-	5 497
3-4	3 509	2 824	-	3	-	6 335
4-5	3 552	2 891	-	4	5	6 452
5-6	4 498	1 632	-	40	-	6 170
6-7	4 790	963	-	-	-	5 753
7-8	4 059	1 054	-	-	-	5 113
8-9	4 341	384	-	1	4	4 729
9-10	4 305	1 167	-	-	-	5 472
10-11	2 402	753	-	18	-	3 173
11-12	2 027	725	-	-	3	2 755
12-13	3 249	235	-	21	-	3 504
13-14	1 300	56	-	20	14	1 390
14-15	1 468	121	-	16	-	1 605
15-16	1 172	38	-	-	10	1 221
16-17	708	60	-	-	8	776
17-18	542	36	-	1	1	580
18-19	298	21	-	2	-	320
19-20	1 385	12	-	7	-	1 405
20-21	166	29	-	1	-	196
21-22	204	32	-	1	-	237
22-23	29	14	-	4	-	47
23-24	50	12	-	3	-	65
24-25	-	-	-	-	-	-
25-26	141	5	-	-	-	147
26-27	64	-	-	19	-	83
27-28	93	13	-	-	-	106
28-29	23	13	-	-	3	40
29-30	38	-	-	-	-	38
30-31	58	9	-	-	-	67
31-32	74	76	-	26	-	176
32-33	7	1	-	-	-	8
33-34	103	10	-	-	-	113
34+	26	83	-	6	5	120
Jungle	78	59	52	-	3	192
Total	59 164	17 612	52	192	58	77 078

Table A2.3 - Zone 3 Central Districts

Area of Hardwood Species by Age Class 2001/2002

Age in Years	<i>E. grandis</i> ha	Other Gum ha	Wattle ha	Poplars ha	Other ha	Total ha
Temporary Unplanted	-	262	-	0	0	262
0-1	114	-	-	-	-	114
1-2	52	256	-	-	-	307
2-3	42	142	-	12	-	196
3-4	141	24	-	-	-	165
4-5	54	108	-	-	-	162
5-6	97	323	-	-	-	420
6-7	175	182	39	-	-	397
7-8	270	133	-	-	-	403
8-9	55	180	-	-	-	235
9-10	-	24	-	-	-	24
10-11	119	13	-	-	-	132
11-12	29	14	-	-	-	43
12-13	31	246	-	-	-	277
13-14	49	32	-	-	-	80
14-15	6	4	-	-	-	10
15-16	-	4	-	-	-	4
16-17	-	4	-	-	-	4
17-18	-	-	-	-	-	-
18-19	-	12	-	-	-	12
19-20	-	-	-	-	-	-
20-21	-	-	-	-	-	-
21-22	-	-	-	-	-	-
22-23	-	40	-	-	-	40
23-24	-	-	-	-	-	-
24-25	-	-	-	-	-	-
25-26	-	-	-	-	-	-
26-27	-	-	-	-	-	-
27-28	-	-	-	-	-	-
28-29	-	-	-	-	-	-
29-30	-	-	-	-	-	-
30-31	-	-	-	-	-	-
31-32	-	-	-	-	-	-
32-33	-	-	-	-	-	-
33-34	-	-	-	-	-	-
34+	-	-	-	4	-	4
Jungle	-	61	-	-	-	61
Total	1 232	2 063	39	16	0	3 351

Table A2.4 - Zone 4 Mpumalanga South

Age in Years	Area of Hardwood Species by Age Class					Total ha
	<i>E. grandis</i> ha	Other Gum ha	Wattle ha	Poplars ha	Other ha	
Temporary Unplanted	1 001	4 069	967	-	25	6 062
0-1	3 534	11 720	2 311	64	-	17 629
1-2	2 247	8 355	1 452	110	32	12 196
2-3	2 524	8 190	1 879	99	45	12 736
3-4	3 263	8 010	1 607	114	52	13 046
4-5	3 535	7 660	1 626	104	6	12 931
5-6	3 390	7 812	1 157	107	58	12 525
6-7	2 473	8 342	1 834	181	61	12 891
7-8	2 530	6 214	1 204	168	90	10 206
8-9	1 744	3 795	1 131	89	10	6 769
9-10	993	3 910	803	277	9	5 992
10-11	610	3 031	827	251	6	4 726
11-12	490	2 263	329	-	43	3 124
12-13	123	2 767	303	85	74	3 353
13-14	84	1 876	204	-	18	2 181
14-15	22	895	146	-	23	1 086
15-16	74	222	70	-	45	410
16-17	141	112	6	-	15	274
17-18	1	455	35	-	7	497
18-19	-	41	-	-	104	145
19-20	-	27	11	1	5	44
20-21	5	15	3	-	3	26
21-22	-	38	90	-	3	131
22-23	-	22	-	-	-	22
23-24	-	26	-	-	29	55
24-25	2	-	1	-	-	3
25-26	-	-	6	-	-	6
26-27	-	10	-	-	-	10
27-28	-	-	-	-	7	7
28-29	-	4	-	-	4	8
29-30	-	33	-	-	7	40
30-31	-	-	-	-	8	8
31-32	-	1	-	-	-	1
32-33	13	-	-	-	-	13
33-34	-	-	-	-	-	-
34+	-	4	0	14	24	42
Jungle	6	70	926	-	7	1 009
Total	28 804	89 986	18 929	1 664	819	140 202

Table A2.5 - Zone 5 Maputaland

Area of Hardwood Species by Age Class 2001/2002

Age in Years	<i>E. grandis</i> ha	Other Gum ha	Wattle ha	Poplars ha	Other ha	Total ha
Temporary Unplanted	32	-	-	-	-	32
0-1	39	-	-	-	-	39
1-2	246	-	-	-	-	246
2-3	106	-	-	-	-	106
3-4	57	4	-	-	-	61
4-5	1 166	-	-	-	-	1 166
5-6	777	136	-	-	-	913
6-7	884	126	-	-	-	1 010
7-8	2 805	250	-	-	-	3 054
8-9	911	103	-	-	-	1 014
9-10	928	-	-	-	-	928
10-11	261	-	-	-	-	261
11-12	95	-	-	-	-	95
12-13	122	-	-	6	-	127
13-14	1	-	-	-	-	1
14-15	-	-	-	-	-	-
15-16	-	7	-	4	-	10
16-17	-	-	-	-	-	-
17-18	-	-	-	-	-	-
18-19	-	-	-	-	-	-
19-20	0	-	-	-	-	0
20-21	-	-	-	-	-	-
21-22	-	-	-	-	-	-
22-23	-	-	-	-	-	-
23-24	-	-	-	-	-	-
24-25	-	-	-	-	-	-
25-26	-	-	-	-	-	-
26-27	-	-	-	-	-	-
27-28	-	-	-	4	-	4
28-29	-	-	-	-	-	-
29-30	-	-	-	-	-	-
30-31	-	-	-	-	-	-
31-32	-	-	-	-	-	-
32-33	-	-	-	-	-	-
33-34	-	-	-	-	-	-
34+	-	-	-	2	-	2
Jungle	-	-	-	-	-	-
Total	8 428	625	-	15	-	9 068

Table A2.6 - Zone 6 Zululand

Age in Years	Area of Hardwood Species by Age Class					Total ha
	<i>E. grandis</i> ha	Other Gum ha	Wattle ha	Poplars ha	Other ha	
Temporary Unplanted	1 746	64	313	11	-	2 134
0-1	3 645	1 246	1 240	-	-	6 131
1-2	5 346	2 194	2 294	-	-	9 834
2-3	6 834	3 076	983	-	-	10 893
3-4	6 631	2 716	1 209	-	-	10 555
4-5	5 527	3 239	1 016	69	-	9 852
5-6	6 148	3 798	909	157	-	11 012
6-7	6 509	3 635	889	75	-	11 107
7-8	6 418	3 843	494	309	-	11 064
8-9	6 561	1 372	507	14	-	8 454
9-10	2 404	132	162	13	-	2 711
10-11	1 649	554	124	176	-	2 503
11-12	1 042	293	153	86	-	1 573
12-13	969	294	137	13	-	1 413
13-14	1 326	61	41	139	-	1 567
14-15	399	-	25	115	-	539
15-16	193	0	1	52	-	247
16-17	357	-	5	84	-	445
17-18	158	-	3	144	-	305
18-19	141	-	-	-	-	141
19-20	11	-	-	-	-	11
20-21	-	-	-	-	-	-
21-22	4	-	-	1	-	5
22-23	1	-	-	-	-	1
23-24	12	0	-	-	-	12
24-25	-	-	-	-	-	-
25-26	-	6	-	-	-	6
26-27	-	-	-	-	-	-
27-28	-	-	-	-	-	-
28-29	-	-	-	-	-	-
29-30	-	-	-	-	-	-
30-31	-	-	-	-	-	-
31-32	2	-	-	-	-	2
32-33	-	-	-	-	-	-
33-34	8	-	-	14	-	22
34+	553	-	-	31	-	584
Jungle	30	-	5	50	-	85
Total	64 625	26 523	10 510	1 552	-	103 209

Table A2.7 - Zone 7 KwaZulu-Natal Midlands

Area of Hardwood Species by Age Class 2001/2002

Age in Years	<i>E. grandis</i> ha	Other Gum ha	Wattle ha	Poplars ha	Other ha	Total ha
Temporary Unplanted	1 492	733	2 460	-	12	4 697
0-1	4 174	3 409	6 075	1	19	13 677
1-2	3 123	2 962	4 536	-	71	10 691
2-3	3 528	2 385	4 347	-	24	10 284
3-4	3 924	2 432	4 966	-	44	11 366
4-5	3 988	3 336	4 444	-	67	11 836
5-6	3 629	4 170	4 402	-	39	12 240
6-7	4 188	2 238	4 591	2	35	11 054
7-8	2 986	2 432	4 391	7	84	9 900
8-9	3 479	1 143	2 903	3	46	7 574
9-10	2 828	960	2 215	1	82	6 086
10-11	1 883	828	1 792	5	57	4 564
11-12	1 063	839	697	3	84	2 685
12-13	734	648	225	2	61	1 670
13-14	515	220	114	3	65	917
14-15	308	230	77	0	28	643
15-16	436	82	43	-	20	581
16-17	463	208	31	2	-	703
17-18	358	66	24	-	6	455
18-19	277	-	52	3	55	387
19-20	218	-	6	-	29	254
20-21	61	4	-	-	16	81
21-22	221	9	-	-	7	237
22-23	4	-	5	-	9	17
23-24	9	-	-	-	6	15
24-25	-	2	6	-	4	12
25-26	41	-	-	-	-	41
26-27	22	-	-	-	-	22
27-28	140	3	-	-	1	144
28-29	10	-	-	-	18	28
29-30	0	-	-	-	-	0
30-31	162	-	12	-	-	174
31-32	-	12	-	1	-	13
32-33	-	-	-	-	-	-
33-34	-	-	-	-	2	2
34+	25	9	5	2	4	45
Jungle	41	100	159	-	24	325
Total	44 330	29 460	48 575	36	1 019	123 421

Table A2.8 - Zone 8 Northern KwaZulu-Natal

Area of Hardwood Species by Age Class 2001/2002

Age in Years	<i>E. grandis</i> ha	Other Gum ha	Wattle ha	Poplars ha	Other ha	Total ha
Temporary Unplanted	865	543	1 709	8	-	3 124
0-1	2 925	4 266	2 299	23	-	9 513
1-2	2 112	1 516	1 379	37	-	5 044
2-3	3 121	2 063	1 577	50	7	6 819
3-4	1 922	1 510	2 013	85	-	5 531
4-5	1 821	2 024	1 748	7	-	5 600
5-6	1 808	2 038	1 884	17	-	5 748
6-7	2 006	1 975	1 904	-	2	5 887
7-8	1 892	2 421	1 790	-	14	6 117
8-9	821	1 929	1 938	8	-	4 696
9-10	493	605	1 075	-	-	2 173
10-11	340	206	764	-	9	1 319
11-12	188	31	824	-	-	1 043
12-13	21	63	174	-	12	270
13-14	163	7	25	-	-	195
14-15	329	10	26	-	-	366
15-16	63	-	19	-	-	82
16-17	15	-	16	-	-	30
17-18	-	-	22	-	-	22
18-19	4	-	-	-	-	4
19-20	9	-	-	-	-	9
20-21	-	-	1	-	4	5
21-22	-	-	-	-	-	-
22-23	2	-	-	-	-	2
23-24	3	-	9	-	-	12
24-25	2	-	10	-	-	12
25-26	-	-	-	-	-	-
26-27	6	-	-	-	-	6
27-28	-	-	-	-	-	-
28-29	-	-	-	-	-	-
29-30	-	-	-	-	-	-
30-31	-	-	-	-	-	-
31-32	-	-	-	-	-	-
32-33	-	-	-	-	-	-
33-34	-	-	-	-	-	-
34+	-	38	-	-	-	38
Jungle	1	15	342	27	-	384
Total	20 931	21 261	21 546	263	47	64 049

Table A2.9 - Zone 9 Southern KwaZulu-Natal

Area of Hardwood Species by Age Class 2001/2002

Age in Years	<i>E. grandis</i> ha	Other Gum ha	Wattle ha	Poplars ha	Other ha	Total ha
Temporary Unplanted	894	397	528	-	-	1 819
0-1	1 762	1 475	590	-	34	3 861
1-2	2 188	1 550	550	-	-	4 288
2-3	1 994	2 157	1 010	-	-	5 161
3-4	2 531	1 201	746	-	-	4 478
4-5	2 917	2 470	857	3	-	6 246
5-6	2 763	2 539	1 076	-	-	6 377
6-7	2 220	2 385	1 272	2	-	5 879
7-8	3 486	2 430	1 548	-	-	7 464
8-9	2 334	1 014	1 056	3	7	4 414
9-10	2 385	677	1 003	-	35	4 100
10-11	2 767	244	600	14	6	3 631
11-12	1 273	145	182	-	11	1 609
12-13	1 658	69	40	0	1	1 768
13-14	1 162	269	39	3	10	1 482
14-15	712	97	8	1	13	831
15-16	293	7	-	4	-	303
16-17	65	3	4	-	-	72
17-18	2	8	3	5	13	31
18-19	3	-	-	-	-	3
19-20	-	-	11	0	-	11
20-21	90	-	-	13	-	103
21-22	7	2	-	11	-	20
22-23	12	-	-	-	-	12
23-24	-	-	-	8	-	8
24-25	103	-	-	-	-	103
25-26	-	-	-	8	0	9
26-27	5	2	-	2	1	10
27-28	75	-	-	3	-	78
28-29	-	-	-	-	-	-
29-30	2	-	-	4	-	6
30-31	-	-	-	-	-	-
31-32	-	-	-	-	-	-
32-33	-	-	-	-	-	-
33-34	-	-	-	-	-	-
34+	416	91	10	37	1	555
Jungle	20	15	180	-	-	215
Total	34 138	19 246	11 312	122	131	64 949

Table A2.11 - Zone 11 Eastern Cape

Area of Hardwood Species by Age Class 2001/2002

Age in Years	<i>E. grandis</i> ha	Other Gum ha	Wattle ha	Poplars ha	Other ha	Total ha
Temporary Unplanted	865	108	166	-	-	1 140
0-1	971	416	70	5	-	1 461
1-2	1 042	259	45	-	-	1 345
2-3	1 066	461	172	-	-	1 698
3-4	1 015	284	55	11	-	1 364
4-5	1 286	167	33	-	4	1 491
5-6	1 136	226	99	-	-	1 461
6-7	1 494	218	166	58	-	1 936
7-8	606	120	121	9	-	856
8-9	819	146	48	35	-	1 048
9-10	306	157	37	6	-	505
10-11	268	149	8	35	-	460
11-12	111	156	19	12	-	298
12-13	212	423	9	-	-	644
13-14	60	252	-	17	-	330
14-15	45	109	18	11	-	182
15-16	74	53	31	7	-	165
16-17	10	96	80	1	-	187
17-18	49	60	-	18	-	127
18-19	4	27	-	7	-	38
19-20	5	34	-	1	-	41
20-21	-	12	2	-	3	17
21-22	7	11	11	2	-	30
22-23	5	7	-	-	-	11
23-24	-	-	2	-	-	2
24-25	5	-	5	-	17	27
25-26	6	1	-	-	3	9
26-27	19	3	-	2	-	24
27-28	2	7	-	-	-	8
28-29	-	1	6	-	2	9
29-30	28	-	-	-	9	37
30-31	12	100	10	42	5	168
31-32	4	62	-	94	4	164
32-33	-	-	2	15	1	18
33-34	-	4	-	-	-	4
34+	28	51	40	30	39	189
Jungle	100	175	247	3	-	525
Total	11 658	4 352	1 500	419	88	18 017

Table A2.12 - Zone 12 Southern Cape

Age in Years	Area of Hardwood Species by Age Class					Total ha
	<i>E. grandis</i> ha	Other Gum ha	Wattle ha	Poplars ha	Other ha	
Temporary Unplanted	5	-	-	-	-	5
0-1	-	-	-	16	-	16
1-2	-	5	-	-	-	5
2-3	-	-	-	-	-	-
3-4	-	4	-	-	-	4
4-5	-	-	-	-	-	-
5-6	-	9	-	21	-	30
6-7	-	3	-	10	-	13
7-8	-	-	-	50	-	50
8-9	-	6	-	15	-	20
9-10	-	12	-	24	-	36
10-11	-	11	-	13	-	24
11-12	-	42	-	14	-	56
12-13	-	87	-	24	-	111
13-14	-	-	-	28	-	28
14-15	-	-	-	12	-	12
15-16	-	58	-	28	-	86
16-17	-	2	-	22	-	24
17-18	-	22	-	54	-	75
18-19	-	59	-	13	-	72
19-20	-	74	-	15	-	89
20-21	-	14	-	18	-	31
21-22	-	4	-	25	-	29
22-23	-	8	-	9	-	17
23-24	-	42	-	14	-	56
24-25	-	4	-	7	-	11
25-26	12	1	-	3	-	16
26-27	-	-	-	13	-	13
27-28	-	3	-	23	-	26
28-29	-	16	-	10	-	26
29-30	-	114	-	9	-	123
30-31	-	5	-	18	-	23
31-32	-	131	-	8	-	140
32-33	-	-	-	7	-	7
33-34	-	1	-	-	-	1
34+	2	789	-	29	-	820
Jungle	-	-	-	400	-	400
Total	19	1 523	-	952	-	2 494

Table A2.13 - Zone 13 Western Cape

Area of Hardwood Species by Age Class 2001/2002

Age in Years	<i>E. grandis</i> ha	Other Gum ha	Wattle ha	Poplars ha	Other ha	Total ha
Temporary Unplanted	-	-	-	-	-	-
0-1	-	-	-	-	-	-
1-2	1	-	-	-	-	1
2-3	-	-	-	-	-	-
3-4	-	-	-	-	-	-
4-5	-	-	-	-	-	-
5-6	-	-	-	-	-	-
6-7	-	15	-	5	-	19
7-8	-	1	-	-	-	1
8-9	-	2	-	-	-	2
9-10	-	-	-	14	-	14
10-11	4	-	-	-	-	4
11-12	-	-	-	-	-	-
12-13	-	-	-	-	-	-
13-14	-	-	-	1	-	1
14-15	-	-	-	63	-	63
15-16	-	1	-	1	-	1
16-17	-	-	-	3	-	3
17-18	-	2	-	-	-	2
18-19	-	2	-	-	-	2
19-20	-	3	-	-	-	3
20-21	-	0	-	-	-	0
21-22	-	5	-	-	-	5
22-23	-	3	-	-	-	3
23-24	-	-	-	-	-	-
24-25	-	-	-	-	-	-
25-26	-	-	-	1	-	1
26-27	-	-	-	-	-	-
27-28	-	-	-	-	-	-
28-29	-	-	-	3	-	3
29-30	-	-	-	4	-	4
30-31	-	4	-	-	-	4
31-32	-	4	-	-	-	4
32-33	-	3	-	6	-	8
33-34	-	13	-	4	-	17
34+	5	127	-	171	5	308
Jungle	-	201	-	-	-	201
Total	10	385	-	275	5	675

Table A3.0 - Total for South Africa

Area according to main purpose for which trees are grown 2001/2002

Species	Sawlogs		Poles and Droppers		Mining Timber		Pulpwood		Other Products		Total ha
	ha	Age	ha	Age	ha	Age	ha	Age	ha	Age	
Softwoods	480 667	26	4 554	20	-	-	215 801	16	4 196	26	705 217
<i>E. grandis</i>	16 781	40	15 881	11	41 916	12	220 011	9	1 286	17	295 876
Other Eucalyptus	1 767	25	5 287	8	8 400	11	211 576	8	2 224	8	229 254
Wattle	-	-	4 358	9	1 066	8	106 535	9	537	9	112 497
Other Hardwoods	1 047	22	188	2	579	17	3 446	12	3 298	16	8 558
Totals	500 262		30 268		51 962		757 369		11 541		1 351 402

Table A3.1 - Zone 1 Limpopo Province

Area according to main purpose for which trees are grown 2001/2002

Species	Sawlogs		Poles and Droppers		Mining Timber		Pulpwood		Other Products		Total ha
	ha	Age	ha	Age	ha	Age	ha	Age	ha	Age	
Softwoods	26 179	26	35	5	-	-	952	16	-	-	27 166
<i>E. grandis</i>	7 722	25	3 208	10	7 703	10	2 973	10	931	10	22 537
Other Eucalyptus	17	25	1 938	9	3 491	10	10 287	10	486	10	16 219
Wattle	-	-	-	-	-	-	-	-	33	10	33
Other Hardwoods	109	10	-	-	1	7	4	9	771	8	885
Totals	34 028		5 181		11 196		14 215		2 220		66 840

Table A3.2 - Zone 2 Mpumulanga North

Area according to main purpose for which trees are grown 2001/2002

Species	Sawlogs		Poles and Droppers		Mining Timber		Pulpwood		Other Products		Total ha
	ha	Age	ha	Age	ha	Age	ha	Age	ha	Age	
Softwoods	135 899	28	-	-	-	-	30 744	18	-	-	166 643
<i>E. grandis</i>	8 269	24	811	9	29 084	10	20 868	10	131	11	59 164
Other Eucalyptus	279	24	306	9	1 830	9	15 077	10	121	12	17 612
Wattle	-	-	-	-	-	-	52	10	-	-	52
Other Hardwoods	5	9	-	-	50	21	136	27	59	35	250
Totals	144 452		1 117		30 965		66 877		311		243 721

Table A3.3 - Zone 3 Central Districts

Area according to main purpose for which trees are grown 2001/2002

Species	Sawlogs		Poles and Droppers		Mining Timber		Pulpwood		Other Products		Total ha
	ha	Age	ha	Age	ha	Age	ha	Age	ha	Age	
Softwoods	3 423	29	-	-	-	-	12 649	19	5	8	16 077
<i>E. grandis</i>	-	-	-	-	-	-	1 232	10	-	-	1 232
Other Eucalyptus	-	-	-	-	999	19	1 063	9	-	-	2 063
Wattle	-	-	-	-	-	-	39	10	-	-	39
Other Hardwoods	-	-	-	-	-	-	16	30	-	-	16
Totals	3 423		-		999		15 000		5		19 427

Table A3.4 - Zone 4 Mpumulanga South

Area according to main purpose for which trees are grown 2001/2002

Species	Sawlogs		Poles and Droppers		Mining Timber		Pulpwood		Other Products		Total ha
	ha	Age	ha	Age	ha	Age	ha	Age	ha	Age	
Softwoods	67 386	26	-	-	-	-	75 118	18	-	-	142 504
<i>E. grandis</i>	114	23	115	9	3 796	11	24 772	9	8	15	28 804
Other Eucalyptus	217	25	-	-	1 634	9	87 019	9	1 115	6	89 986
Wattle	-	-	-	-	566	9	18 257	10	106	10	18 929
Other Hardwoods	2	30	-	-	413	19	2 020	12	49	22	2 483
Totals	67 719		115		6 409		207 186		1 278		282 706

Table A3.5 - Zone 5 Maputaland

Area according to main purpose for which trees are grown 2001/2002

Species	Sawlogs		Poles and Droppers		Mining Timber		Pulpwood		Other Products		Total ha
	ha	Age	ha	Age	ha	Age	ha	Age	ha	Age	
Softwoods	5 771	30	-	-	-	-	4 496	22	-	-	10 268
<i>E. grandis</i>	-	-	-	-	-	-	8 421	10	7	10	8 428
Other Eucalyptus	-	-	-	-	-	-	622	10	3	10	625
Wattle	-	-	-	-	-	-	-	-	-	-	-
Other Hardwoods	-	-	4	18	-	-	-	-	12	39	15
Totals	5 771		4		-		13 540		21		19 336

Table A3.6 - Zone 6 Zululand

Area according to main purpose for which trees are grown 2001/2002

Species	Sawlogs		Poles and Droppers		Mining Timber		Pulpwood		Other Products		Total ha
	ha	Age	ha	Age	ha	Age	ha	Age	ha	Age	
Softwoods	13 828	24	-	-	-	-	8 778	20	-	-	22 606
<i>E. grandis</i>	480	13	-	-	-	-	64 139	9	5	9	64 625
Other Eucalyptus	-	-	-	-	-	-	26 523	8	-	-	26 523
Wattle	-	-	330	10	-	-	10 180	10	-	-	10 510
Other Hardwoods	-	-	-	-	-	-	34	9	1 518	18	1 552
Totals	14 308		330		-		109 653		1 524		125 815

Table A3.7 - Zone 7 KwaZulu-Natal Midlands

Area according to main purpose for which trees are grown 2001/2002

Species	Sawlogs		Poles and Droppers		Mining Timber		Pulpwood		Other Products		Total ha
	ha	Age	ha	Age	ha	Age	ha	Age	ha	Age	
Softwoods	22 000	24	146	7	-	-	42 150	17	5	30	64 301
<i>E. grandis</i>	105	13	640	7	286	8	43 298	10	1	9	44 330
Other Eucalyptus	190	17	5	14	289	9	28 976	10	-	-	29 460
Wattle	-	-	2 573	9	116	10	45 830	10	57	7	48 575
Other Hardwoods	165	25	-	-	57	12	733	13	100	12	1 055
Totals	22 461		3 364		749		160 986		163		187 722

Table A3.8 - Zone 8 Northern KwaZulu-Natal

Area according to main purpose for which trees are grown 2001/2002

Species	Sawlogs		Poles and Droppers		Mining Timber		Pulpwood		Other Products		Total ha
	ha	Age	ha	Age	ha	Age	ha	Age	ha	Age	
Softwoods	10 742	26	-	-	-	-	6 479	16	-	-	17 221
<i>E. grandis</i>	11	9	69	10	716	8	20 092	9	43	9	20 931
Other Eucalyptus	-	-	240	9	67	10	20 954	9	-	-	21 261
Wattle	-	-	210	9	240	10	20 840	10	256	9	21 546
Other Hardwoods	-	-	-	-	43	8	236	10	31	9	310
Totals	10 753		519		1 066		68 602		330		81 270

Table A3.9 - Zone 9 Southern KwaZulu-Natal

Area according to main purpose for which trees are grown 2001/2002

Species	Sawlogs		Poles and Droppers		Mining Timber		Pulpwood		Other Products		Total ha
	ha	Age	ha	Age	ha	Age	ha	Age	ha	Age	
Softwoods	25 763	29	-	-	-	-	24 576	17	3	6	50 342
<i>E. grandis</i>	75	8	647	9	138	9	33 271	11	7	4	34 138
Other Eucalyptus	87	46	156	10	60	12	18 944	10	-	-	19 246
Wattle	-	-	-	-	132	10	11 162	14	19	21	11 312
Other Hardwoods	117	30	-	-	8	12	126	16	2	11	253
Totals	26 042		802		337		88 078		32		115 291

Table A3.11 - Zone 11 Eastern Cape

Area according to main purpose for which trees are grown 2001/2002

Species	Sawlogs		Poles and Droppers		Mining Timber		Pulpwood		Other Products		Total ha
	ha	Age	ha	Age	ha	Age	ha	Age	ha	Age	
Softwoods	95 539	28	3 511	20	-	-	9 853	18	12	31	108 914
<i>E. grandis</i>	4	25	10 387	8	188	8	931	9	149	8	11 658
Other Eucalyptus	70	9	2 618	8	30	11	1 469	11	165	9	4 352
Wattle	-	-	1 245	9	12	8	176	8	66	10	1 500
Other Hardwoods	135	10	20	14	7	10	9	28	337	27	507
Totals	95 747		17 781		237		12 438		729		126 931

Table A3.12 - Zone 12 Southern Cape

Area according to main purpose for which trees are grown 2001/2002

Species	Sawlogs		Poles and Droppers		Mining Timber		Pulpwood		Other Products		Total ha
	ha	Age	ha	Age	ha	Age	ha	Age	ha	Age	
Softwoods	58 652	28	272	20	-	-	3	20	2 381	25	61 307
<i>E. grandis</i>	-	-	-	-	5	20	14	9	-	-	19
Other Eucalyptus	879	29	-	-	-	-	639	9	5	40	1 523
Wattle	-	-	-	-	-	-	-	-	-	-	-
Other Hardwoods	513	33	-	-	-	-	26	9	413	11	952
Totals	60 044		272		5		682		2 799		63 801

Table A3.13 - Zone 13 Western Cape

Area according to main purpose for which trees are grown 2001/2002

Species	Sawlogs		Poles and Droppers		Mining Timber		Pulpwood		Other Products		Total ha
	ha	Age	ha	Age	ha	Age	ha	Age	ha	Age	
Softwoods	15 485	31	590	26	-	-	2	25	1 790	25	17 867
<i>E. grandis</i>	-	-	5	14	-	-	-	-	5	34	10
Other Eucalyptus	28	35	24	9	-	-	5	9	329	9	385
Wattle	-	-	-	-	-	-	-	-	-	-	-
Other Hardwoods	2	-	165	-	-	-	107	-	6	-	280
Totals	15 515		783		-		114		2 130		18 543

Table A4.0 - Total for South Africa

Timber Products sold from Plantations 2001/2002

Species		Sawlogs and Veneerlogs m ³	Poles and Droppers m ³	Mining Timber tons	Pulpwood tons	Charcoal and Firewood tons	Other Products tons
Softwoods	Pvt	1 981 289	45 941	-	2 618 581	5 323	7 482
	Pub	2 004 694	57 304	-	508 328	17 033	25 215
Total Softwoods		4 041 765	103 245	-	3 126 909	22 356	32 697
<i>E. grandis</i>	Pvt	173 781	155 144	395 078	2 415 731	15 311	19 253
	Pub	157 146	224 465	14 111	95 077	22 784	2 578
Total <i>E. grandis</i>		330 927	379 609	409 189	2 510 808	38 095	21 831
Other Gum	Pvt	22 898	22 959	79 319	2 229 095	17 759	2 560
	Pub	4 748	37 333	377	12 776	9 628	18
Total Other Gum		27 646	60 292	79 696	2 241 871	27 387	2 578
Wattle	Pvt	-	45 461	4 038	761 546	83 628	12 195
	Pub	-	1 866	3 500	12 089	11 932	647
Total Wattle		-	47 327	7 538	773 635	95 561	12 842
Other Hardwoods	Pvt	310	-	-	28 350	75	7 936
	Pub	2 338	1 867	-	2 500	2 054	9 905
Total Other Hardwoods		2 648	1 867	-	30 850	2 129	17 841
Totals	Pvt	2 234 060	269 504	478 435	8 053 303	122 096	49 426
	Pub	2 168 926	322 835	17 988	630 770	63 432	38 363
Total		4 402 986	592 340	496 423	8 684 073	185 528	87 789

Table A4.1 - Zone 1 Limpopo Province

Timber Products sold from Plantations 2001/2002

Species		Sawlogs and Veneerlogs m ³	Poles and Droppers m ³	Mining Timber tons	Pulpwood tons	Charcoal and Firewood tons	Other Products tons
Softwoods	Pvt	56 528	930	-	84 928	746	3 404
	Pub	195 265	1 000	-	-	8 504	1 520
Total Softwoods		251 793	1 930	-	84 928	9 250	4 924
<i>E. grandis</i>	Pvt	108 545	23 827	22 414	-	3 912	18 547
	Pub	-	12 492	4 630	-	6 165	-
Total <i>E.grandis</i>		108 545	36 319	27 044	-	10 077	18 547
Other Gum	Pvt	-	10	44 701	11 059	-	2 016
	Pub	747	6 046	-	-	2 348	-
Total Other Gum		747	6 056	44 701	11 059	2 348	2 016
Wattle	Pvt	-	-	-	40	20	6
	Pub	-	-	-	-	-	-
Total Wattle		-	-	-	40	20	6
Other Hardwoods	Pvt	-	-	-	-	-	-
	Pub	400	1 867	-	-	1 580	-
Total Other Hardwoods		400	1 867	-	-	1 580	-
Totals	Pvt	165 073	24 767	67 115	96 027	4 678	23 973
	Pub	196 412	21 405	4 630	-	18 597	1 520
Total		361 485	46 171	71 745	96 027	23 275	25 493

Table A4.2 - Zone 2 Mpumalanga North

Timber Products sold from Plantations 2001/2002

Species		Sawlogs and Veneerlogs m ³	Poles and Droppers m ³	Mining Timber tons	Pulpwood tons	Charcoal and Firewood tons	Other Products tons
Softwoods	Pvt	564 510	1 457	-	570 126	3 506	-
	Pub	744 500	316	-	220 022	5 109	6 289
Total Softwoods		1 309 009	1 773	-	790 147	8 615	6 289
<i>E. grandis</i>	Pvt	53 460	13 061	233 572	377 996	536	-
	Pub	114 371	36 969	9 481	1 392	3 570	181
Total <i>E.grandis</i>		167 831	50 030	243 052	379 388	4 106	181
Other Gum	Pvt	-	-	98	92 744	-	-
	Pub	-	710	-	-	1 719	-
Total Other Gum		-	710	98	92 744	1 719	-
Wattle	Pvt	-	-	-	-	-	-
	Pub	-	-	-	-	-	-
Total Wattle		-	-	-	-	-	-
Other Hardwoods	Pvt	-	-	-	-	-	-
	Pub	-	-	-	-	-	-
Total Other Hardwoods		-	-	-	-	-	-
Totals	Pvt	617 970	14 518	233 670	1 040 865	4 042	-
	Pub	858 871	37 995	9 481	221 414	10 397	6 470
Total		1 476 841	52 513	243 150	1 262 279	14 439	6 470

Table A4.3 - Zone 3 Central Districts

Timber Products sold from Plantations 2001/2002

Species		Sawlogs and Veneerlogs m ³	Poles and Droppers m ³	Mining Timber tons	Pulpwood tons	Charcoal and Firewood tons	Other Products tons
Softwoods	Pvt	-	-	-	50 850	-	-
	Pub	31 000	-	-	3 207	-	-
Total Softwoods		31 000	-	-	54 057	-	-
<i>E. grandis</i>	Pvt	-	-	-	-	-	-
	Pub	-	-	-	-	10	-
Total <i>E.grandis</i>		-	-	-	-	10	-
Other Gum	Pvt	-	-	-	68 306	-	-
	Pub	-	-	-	4 000	-	-
Total Other Gum		-	-	-	72 306	-	-
Wattle	Pvt	-	-	-	412	-	-
	Pub	-	-	-	-	-	-
Total Wattle		-	-	-	412	-	-
Other Hardwoods	Pvt	-	-	-	-	-	-
	Pub	-	-	-	-	-	-
Total Other Hardwoods		-	-	-	-	-	-
Totals	Pvt	-	-	-	119 568	-	-
	Pub	31 000	-	-	7 207	10	-
Total		31 000	-	-	126 775	10	-

Table A4.4 - Zone 4 Mpumalanga South

Timber Products sold from Plantations 2001/2002

Species		Sawlogs and Veneerlogs m ³	Poles and Droppers m ³	Mining Timber tons	Pulpwood tons	Charcoal and Firewood tons	Other Products tons
Softwoods	Pvt	281 459	755	-	772 137	830	1 238
	Pub	183 772	-	-	30 865	3 308	2 600
Total Softwoods		465 230	755	-	803 002	4 138	3 838
<i>E. grandis</i>	Pvt	-	22 604	98 052	252 590	5 540	-
	Pub	-	-	-	10 800	-	-
Total <i>E.grandis</i>		-	22 604	98 052	263 390	5 540	-
Other Gum	Pvt	1 031	17 715	34 520	817 879	10 086	49
	Pub	-	-	377	377	-	-
Total Other Gum		1 031	17 715	34 897	818 257	10 086	49
Wattle	Pvt	-	-	3 200	121 695	8 092	801
	Pub	-	-	3 500	11 832	867	647
Total Wattle		-	-	6 700	133 527	8 959	1 448
Other Hardwoods	Pvt	-	-	-	-	75	3 000
	Pub	1 703	-	-	-	474	-
Total Other Hardwoods		1 703	-	-	-	549	3 000
Totals	Pvt	282 490	41 074	135 771	1 964 301	24 623	5 088
	Pub	185 475	-	3 877	53 875	4 648	3 247
Total		467 964	41 074	139 648	2 018 175	29 271	8 335

Table A4.5 - Zone 5 Maputaland

Timber Products sold from Plantations 2001/2002

Species		Sawlogs and Veneerlogs m ³	Poles and Droppers m ³	Mining Timber tons	Pulpwood tons	Charcoal and Firewood tons	Other Products tons
Softwoods	Pvt	-	-	-	-	-	-
	Pub	60 184	-	-	80 000	-	300
Total Softwoods		60 184	-	-	80 000	-	300
<i>E. grandis</i>	Pvt	-	-	-	-	-	-
	Pub	-	-	-	13 500	-	-
Total <i>E.grandis</i>		-	-	-	13 500	-	-
Other Gum	Pvt	-	-	-	-	-	-
	Pub	-	-	-	-	-	-
Total Other Gum		-	-	-	-	-	-
Wattle	Pvt	-	-	-	-	-	-
	Pub	-	-	-	-	-	-
Total Wattle		-	-	-	-	-	-
Other Hardwoods	Pvt	-	-	-	-	-	-
	Pub	-	-	-	-	-	-
Total Other Hardwoods		-	-	-	-	-	-
Totals	Pvt	-	-	-	-	-	-
	Pub	60 184	-	-	93 500	-	300
Total		60 184	-	-	93 500	-	300

Table A4.6 - Zone 6 Zululand

Timber Products sold from Plantations 2001/2002

Species		Sawlogs and Veneerlogs m ³	Poles and Droppers m ³	Mining Timber tons	Pulpwood tons	Charcoal and Firewood tons	Other Products tons
Softwoods	Pvt	3 626	232	-	136 740	-	-
	Pub	103 464	-	-	107 422	-	-
Total Softwoods		107 090	232	-	244 162	-	-
<i>E. grandis</i>	Pvt	6 322	13 712	-	674 248	30	-
	Pub	37 720	-	-	48 294	45	-
Total <i>E.grandis</i>		44 042	13 712	-	722 542	75	-
Other Gum	Pvt	-	-	-	663 930	-	-
	Pub	-	-	-	2 379	25	18
Total Other Gum		-	-	-	666 309	25	18
Wattle	Pvt	-	26 227	-	71 164	1 675	259
	Pub	-	-	-	-	30	-
Total Wattle		-	26 227	-	71 164	1 705	259
Other Hardwoods	Pvt	-	-	-	-	-	-
	Pub	-	-	-	-	-	-
Total Other Hardwoods		-	-	-	-	-	-
Totals	Pvt	9 948	40 172	-	1 546 081	1 705	259
	Pub	141 184	-	-	158 095	100	18
Total		151 132	40 172	-	1 704 176	1 805	277

Table A4.7 - Zone 7 KwaZulu-Natal Midlands

Timber Products sold from Plantations 2001/2002

Species		Sawlogs and Veneerlogs m ³	Poles and Droppers m ³	Mining Timber tons	Pulpwood tons	Charcoal and Firewood tons	Other Products tons
Softwoods	Pvt	251 951	16	-	750 236	161	93
	Pub	7 119	10	-	733	50	-
Total Softwoods		259 070	26	-	750 968	211	93
<i>E. grandis</i>	Pvt	2 821	30 688	2 420	428 445	2 264	-
	Pub	-	659	-	15 093	-	-
Total <i>E.grandis</i>		2 821	31 347	2 420	443 538	2 264	-
Other Gum	Pvt	16	572	-	376 594	5 960	-
	Pub	-	-	-	3 428	369	-
Total Other Gum		16	572	-	380 022	6 329	-
Wattle	Pvt	-	18 856	838	427 898	27 397	10 554
	Pub	-	-	-	-	-	-
Total Wattle		-	18 856	838	427 898	27 397	10 554
Other Hardwoods	Pvt	60	-	-	2 400	-	4 936
	Pub	-	-	-	-	-	-
Total Other Hardwoods		60	-	-	2 400	-	4 936
Totals	Pvt	254 847	50 132	3 258	1 985 573	35 782	15 583
	Pub	7 119	669	-	19 254	419	-
Total		261 967	50 801	3 258	2 004 826	36 201	15 583

Table A4.8 - Zone 8 Northern KwaZulu-Natal

Timber Products sold from Plantations 2001/2002

Species		Sawlogs and Veneerlogs m ³	Poles and Droppers m ³	Mining Timber tons	Pulpwood tons	Charcoal and Firewood tons	Other Products tons
Softwoods	Pvt	24 220	4 000	-	9 490	-	971
	Pub	25 740	-	-	18 096	-	-
Total Softwoods		49 960	4 000	-	27 586	-	971
<i>E. grandis</i>	Pvt	-	3 285	32 885	282 707	2 084	-
	Pub	-	-	-	-	-	-
Total <i>E.grandis</i>		-	3 285	32 885	282 707	2 084	-
Other Gum	Pvt	-	256	-	77 646	-	495
	Pub	-	-	-	-	-	-
Total Other Gum		-	256	-	77 646	-	495
Wattle	Pvt	-	-	-	97 831	43 102	-
	Pub	-	-	-	-	-	-
Total Wattle		-	-	-	97 831	43 102	-
Other Hardwoods	Pvt	-	-	-	25 950	-	-
	Pub	-	-	-	-	-	-
Total Other Hardwoods		-	-	-	25 950	-	-
Totals	Pvt	24 220	7 541	32 885	493 624	45 186	1 466
	Pub	25 740	-	-	18 096	-	-
Total		49 960	7 541	32 885	511 720	45 186	1 466

Table A4.9 - Zone 9 Southern KwaZulu-Natal

Timber Products sold from Plantations 2001/2002

Species		Sawlogs and Veneerlogs m ³	Poles and Droppers m ³	Mining Timber tons	Pulpwood tons	Charcoal and Firewood tons	Other Products tons
Softwoods	Pvt	231 390	-	-	236 608	-	1 280
	Pub	-	-	-	-	-	-
Total Softwoods		231 390	-	-	236 608	-	1 280
<i>E. grandis</i>	Pvt	2 633	18 331	5 736	399 745	300	706
	Pub	2 500	-	-	-	15	-
Total <i>E.grandis</i>		5 133	18 331	5 736	399 745	315	706
Other Gum	Pvt	-	3 452	-	91 800	-	-
	Pub	-	-	-	-	-	-
Total Other Gum		-	3 452	-	91 800	-	-
Wattle	Pvt	-	378	-	42 327	3 269	576
	Pub	-	-	-	-	-	-
Total Wattle		-	378	-	42 327	3 269	576
Other Hardwoods	Pvt	-	-	-	-	-	-
	Pub	-	-	-	-	-	-
Total Other Hardwoods		-	-	-	-	-	-
Totals	Pvt	234 023	22 161	5 736	770 479	3 569	2 562
	Pub	2 500	-	-	-	15	-
Total		236 523	22 161	5 736	770 479	3 584	2 562

Table A4.11 - Zone 11 Eastern Cape

Timber Products sold from Plantations 2001/2002

Species		Sawlogs and Veneerlogs m ³	Poles and Droppers m ³	Mining Timber tons	Pulpwood tons	Charcoal and Firewood tons	Other Products tons
Softwoods	Pvt	358 656	-	-	-	-	-
	Pub	366 713	10 623	-	33 755	63	13 865
Total Softwoods		725 369	10 623	-	33 755	63	13 865
<i>E. grandis</i>	Pvt	-	29 636	-	-	645	-
	Pub	2 555	174 346	-	2 345	12 980	2 397
Total <i>E.grandis</i>		2 555	203 982	-	2 345	13 625	2 397
Other Gum	Pvt	10	-	-	20 293	-	-
	Pub	4	30 577	-	781	4 905	-
Total Other Gum		14	30 577	-	21 074	4 905	-
Wattle	Pvt	-	-	-	180	73	-
	Pub	-	1 866	-	-	11 036	-
Total Wattle		-	1 866	-	180	11 109	-
Other Hardwoods	Pvt	-	-	-	-	-	-
	Pub	111	-	-	-	-	4 316
Total Other Hardwoods		111	-	-	-	-	4 316
Totals	Pvt	358 666	29 636	-	20 473	718	-
	Pub	369 383	217 412	-	36 881	28 984	20 578
Total		728 049	247 048	-	57 354	29 702	20 578

Table A4.12 - Zone 12 Southern Cape

Timber Products sold from Plantations 2001/2002

Species		Sawlogs and Veneerlogs m ³	Poles and Droppers m ³	Mining Timber tons	Pulpwood tons	Charcoal and Firewood tons	Other Products tons
Softwoods	Pvt	182 422	25 361	-	883	80	-
	Pub	224 892	35 448	-	12 700	-	-
Total Softwoods		407 314	60 809	-	13 583	80	-
<i>E. grandis</i>	Pvt	-	-	-	-	-	-
	Pub	-	-	-	3 653	-	-
Total <i>E.grandis</i>		-	-	-	3 653	-	-
Other Gum	Pvt	21 841	954	-	8 845	53	-
	Pub	2 673	-	-	1 811	-	-
Total Other Gum		24 514	954	-	10 656	53	-
Wattle	Pvt	-	-	-	-	-	-
	Pub	-	-	-	257	-	-
Total Wattle		-	-	-	257	-	-
Other Hardwoods	Pvt	250	-	-	-	-	-
	Pub	-	-	-	2 500	-	5 589
Total Other Hardwoods		250	-	-	2 500	-	5 589
Totals	Pvt	204 513	26 315	-	9 728	133	-
	Pub	227 565	35 448	-	20 921	-	5 589
Total		432 079	61 763	-	30 649	133	5 589

Table A4.13 - Zone 13 Western Cape

Timber Products sold from Plantations 2001/2002

Species		Sawlogs and Veneerlogs m ³	Poles and Droppers m ³	Mining Timber tons	Pulpwood tons	Charcoal and Firewood tons	Other Products tons
Softwoods	Pvt	82 309	13 190	-	6 584	-	496
	Pub	62 044	9 908	-	1 529	-	641
Total Softwoods		144 354	23 098	-	8 113	-	1 137
<i>E. grandis</i>	Pvt	-	-	-	-	-	-
	Pub	-	-	-	-	-	-
Total <i>E.grandis</i>		-	-	-	-	-	-
Other Gum	Pvt	-	-	-	-	1 660	-
	Pub	1 324	-	-	-	262	-
Total Other Gum		1 324	-	-	-	1 922	-
Wattle	Pvt	-	-	-	-	-	-
	Pub	-	-	-	-	-	-
Total Wattle		-	-	-	-	-	-
Other Hardwoods	Pvt	-	-	-	-	-	-
	Pub	124	-	-	-	-	-
Total Other Hardwoods		124	-	-	-	-	-
Totals	Pvt	82 309	13 190	-	6 584	1 660	496
	Pub	63 493	9 908	-	1 529	262	641
Total		145 802	23 098	-	8 113	1 922	1 137

Table A5.0 - Total for South Africa

Damage by fire and other causes

2001/2002

	Fires		Weather	Diseases	Insects	Animals and Rodents	Total Area Damaged
	Number	ha	ha	ha	ha	ha	ha
Softwood	1 458	11 860	678	4	401	92	13 034
Hardwood	1 670	4 867	550	131	69	99	5 715
Total	3 128	16 727	1 228	134	470	190	18 749

Causes of fires:

	Area	%
	ha	
Natural	1 758	11
Accidental	4 332	26
Arson	5 324	32
Unknown	5 313	32
	<u>16 727</u>	<u>100</u>

Table A5.1 - Zone 1 Limpopo Province

Damage by fire and other causes

2001/2002

	Fires		Weather	Diseases	Insects	Animals and Rodents	Total Area Damaged
	Number	ha	ha	ha	ha	ha	ha
Softwood	3	2	-	-	-	-	2
Hardwood	109	421	10	-	-	-	431
Total	112	423	10	-	-	-	433

Causes of fires:

	Area	
	ha	%
Natural	121	29
Accidental	5	1
Arson	183	43
Unknown	114	27
	423	100

Table A5.2 - Zone 2 Mpumalanga North

Damage by fire and other causes

2001/2002

	Fires		Weather	Diseases	Insects	Animals and Rodents	Total Area Damaged
	Number	ha	ha	ha	ha	ha	ha
Softwood	97	578	179	4	17	40	817
Hardwood	35	330	-	-	-	-	330
Total	132	908	179	4	17	40	1 147

Causes of fires:

	Area	
	ha	%
Natural	18	2
Accidental	534	59
Arson	161	18
Unknown	194	21
	908	100

Table A5.3 - Zone 3 Central Districts

Damage by fire and other causes

2001/2002

	Fires		Weather ha	Diseases ha	Insects ha	Animals and Rodents ha	Total Area Damaged ha
	Number	ha					
Softwood	6	81	-	-	-	-	81
Hardwood	6	81	-	-	-	-	81
Total	12	162	-	-	-	-	162

Causes of fires:

	Area ha	%
Natural	1	0
Accidental	1	0
Arson	81	50
Unknown	80	49
	162	100

Table A5.4 - Zone 4 Mpumalanga South

Damage by fire and other causes

2001/2002

	Fires		Weather	Diseases	Insects	Animals and Rodents	Total Area Damaged
	Number	ha	ha	ha	ha	ha	ha
Softwood	276	2 376	471	-	350	-	3 197
Hardwood	145	429	388	12	5	5	839
Total	421	2 805	859	12	355	5	4 036

Causes of fires:

	Area	
	ha	%
Natural	72	3
Accidental	110	4
Arson	889	32
Unknown	1 733	62
	2 805	100

Table A5.5 - Zone 5 Maputaland

Damage by fire and other causes

2001/2002

	Fires		Weather ha	Diseases ha	Insects ha	Animals and Rodents ha	Total Area Damaged ha
	Number	ha					
Softwood	1	300	-	-	-	-	300
Hardwood	1	300	-	-	-	-	300
Total	2	600	-	-	-	-	600

Causes of fires:

	Area ha	%
Natural	-	0
Accidental	-	0
Arson	-	0
Unknown	600	100
	<u>600</u>	<u>100</u>

Table A5.6 - Zone 6 Zululand

Damage by fire and other causes

2001/2002

	Fires		Weather	Diseases	Insects	Animals and Rodents	Total Area Damaged
	Number	ha	ha	ha	ha	ha	ha
Softwood	65	441	-	-	-	-	441
Hardwood	245	830	-	-	3	-	833
Total	310	1 272	-	-	3	-	1 275

Causes of fires:

	Area	
	ha	%
Natural	-	0
Accidental	264	21
Arson	677	53
Unknown	331	26
	<u>1 272</u>	<u>100</u>

Table A5.7 - Zone 7 KwaZulu-Natal Midlands

Damage by fire and other causes

2001/2002

	Fires		Weather	Diseases	Insects	Animals and Rodents	Total Area Damaged
	Number	ha	ha	ha	ha	ha	ha
Softwood	171	428	19	-	5	52	503
Hardwood	156	318	54	1	3	20	395
Total	327	746	72	1	8	72	899

Causes of fires:

	Area	
	ha	%
Natural	70	9
Accidental	341	46
Arson	106	14
Unknown	230	31
	746	100

Table A5.8 - Zone 8 Northern KwaZulu-Natal

Damage by fire and other causes

2001/2002

	Fires		Weather	Diseases	Insects	Animals and Rodents	Total Area Damaged
	Number	ha	ha	ha	ha	ha	ha
Softwood	195	547	-	-	4	-	551
Hardwood	506	1 257	96	118	55	47	1 572
Total	701	1 803	96	118	59	47	2 123

Causes of fires:

	Area	
	ha	%
Natural	10	1
Accidental	764	42
Arson	726	40
Unknown	303	17
	1 803	100

Table A5.9 - Zone 9 Southern KwaZulu-Natal

Damage by fire and other causes

2001/2002

	Fires		Weather ha	Diseases ha	Insects ha	Animals and Rodents ha	Total Area Damaged ha
	Number	ha					
Softwood	256	344	1	-	-	-	345
Hardwood	439	298	2	-	3	27	330
Total	695	643	3	-	3	27	675

Causes of fires:

	Area	
	ha	%
Natural	36	6
Accidental	28	4
Arson	243	38
Unknown	335	52
	643	100

Table A5.11 - Zone 11 Eastern Cape

Damage by fire and other causes

2001/2002

	Fires		Weather	Diseases	Insects	Animals and Rodents	Total Area Damaged
	Number	ha	ha	ha	ha	ha	ha
Softwood	296	5 919	4	-	-	-	5 923
Hardwood	25	379	-	-	-	-	379
Total	321	6 297	4	-	-	-	6 301

Causes of fires:

	Area	
	ha	%
Natural	1 428	23
Accidental	1 930	31
Arson	2 193	35
Unknown	747	12
	<u>6 297</u>	<u>100</u>

Table A5.12 - Zone 12 Southern Cape

Damage by fire and other causes

2001/2002

	Fires		Weather ha	Diseases ha	Insects ha	Animals and Rodents ha	Total Area Damaged ha
	Number	ha					
Softwood	20	116	-	-	-	-	116
Hardwood	3	224	-	-	-	-	224
Total	23	340	-	-	-	-	340

Causes of fires:

	Area ha	%
Natural	2	1
Accidental	33	10
Arson	25	7
Unknown	280	82
	340	100

Table A5.13 - Zone 13 Western Cape

Damage by fire and other causes

2001/2002

	Fires		Weather ha	Diseases ha	Insects ha	Animals and Rodents ha	Total Area Damaged ha
	Number	ha					
Softwood	72	728	6	-	25	-	758
Hardwood	-	-	-	-	-	-	-
Total	72	728	6	-	25	-	758

Causes of fires:

	Area	
	ha	%
Natural	0	0
Accidental	322	44
Arson	40	6
Unknown	366	50
	728	100

Table A6.0 - Total for South Africa

Conversion of existing plantation areas

<u>Converted from</u>	Converted to					
	Softwood Species ha	Eucalyptus Species ha	Wattle ha	Other Hardwood Species ha	Agriculture and Other Uses ha	
Softwood Species	Pvt	767	410	25	1 751	
	Pub	91	4	-	1 017	
Total Softwood		858	414	25	2 767	
Eucalyptus Species	Pvt	1 622	690	41	527	
	Pub	211	32	-	1	
Total Eucalyptus		1 833	722	41	528	
Wattle	Pvt	210	553	18	180	
	Pub	208	-	-	-	
Total Wattle		419	553	18	180	
Other Hardwood Species	Pvt	66	-	90	42	
	Pub	-	24	-	-	
Total Other Hardwood		66	24	90	42	
Total Conversion	Pvt	1 898	1 321	1 190	85	2 499
	Pub	419	115	37	-	1 017
Total Conversion		2 317	1 435	1 226	85	3 517

Table A6.1 - Zone 1 Limpopo Province

Conversion of existing plantation areas

Converted from	Converted to				
	Softwood Species	Eucalyptus Species	Wattle	Other Hardwood Species	Agriculture and Other Uses
	ha	ha	ha	ha	ha
Softwood Species	Pvt	-	-	-	1
	Pub	-	-	-	5
Total Softwood		-	-	-	6
Eucalyptus Species	Pvt	65	-	-	90
	Pub	-	-	-	-
Total Eucalyptus	65	-	-	-	90
Wattle	Pvt	-	-	-	-
	Pub	-	-	-	-
Total Wattle	-	-	-	-	-
Other Hardwood Species	Pvt	-	-	-	-
	Pub	-	-	-	-
Total Other Hardwood	-	-	-	-	-
Total Conversion	Pvt	65	-	-	91
	Pub	-	-	-	5
Total Conversion	65	-	-	-	97

Table A6.2 - Zone 2 Mpumalanga North

Conversion of existing plantation areas

<u>Converted from</u>	Converted to					
	Softwood Species ha	Eucalyptus Species ha	Wattle ha	Other Hardwood Species ha	Agriculture and Other Uses ha	
Softwood Species	Pvt	7	-	-	76	
	Pub	-	-	-	62	
Total Softwood		7	-	-	139	
Eucalyptus Species	Pvt	62	-	-	56	
	Pub	77	-	-	-	
Total Eucalyptus	139		-	-	56	
Wattle	Pvt	-	-	-	-	
	Pub	-	-	-	-	
Total Wattle	-	-		-	-	
Other Hardwood Species	Pvt	-	-	-	7	
	Pub	-	-	-	-	
Total Other Hardwood	-	-	-		7	
Total Conversion	Pvt	62	7	-	-	139
	Pub	77	-	-	-	62
Total Conversion	139	7	-	-	202	

Table A6.3 - Zone 3 Central Districts

Conversion of existing plantation areas

<u>Converted from</u>	Converted to				
	Softwood Species ha	Eucalyptus Species ha	Wattle ha	Other Hardwood Species ha	Agriculture and Other Uses ha
Softwood Species	Pvt	-	-	-	-
	Pub	-	-	-	-
Total Softwood		-	-	-	-
Eucalyptus Species	Pvt	145	-	-	-
	Pub	-	-	-	-
Total Eucalyptus		145	-	-	-
Wattle	Pvt	-	-	-	-
	Pub	-	-	-	-
Total Wattle		-	-	-	-
Other Hardwood Species	Pvt	-	-	-	-
	Pub	-	-	-	-
Total Other Hardwood		-	-	-	-
Total Conversion	Pvt	145	-	-	-
	Pub	-	-	-	-

Table A6.4 - Zone 4 Mpumalanga South

Conversion of existing plantation areas

<u>Converted from</u>	Converted to					
	Softwood Species ha	Eucalyptus Species ha	Wattle ha	Other Hardwood Species ha	Agriculture and Other Uses ha	
Softwood Species	Pvt	142	104	14	94	
	Pub	-	-	-	-	
Total Softwood		142	104	14	94	
Eucalyptus Species	Pvt	833	52	-	8	
	Pub	72	-	-	1	
Total Eucalyptus		905	52	-	9	
Wattle	Pvt	133	129	-	4	
	Pub	208	-	-	-	
Total Wattle		342	129	-	4	
Other Hardwood Species	Pvt	66	-	-	-	
	Pub	-	24	-	-	
Total Other Hardwood		66	24	-	-	
Total Conversion	Pvt	1 032	270	156	14	106
	Pub	281	24	-	-	1
Total Conversion		1 313	294	156	14	107

Table A6.5 - Zone 5 Maputaland

Conversion of existing plantation areas

<u>Converted from</u>	Converted to				
	Softwood Species ha	Eucalyptus Species ha	Wattle ha	Other Hardwood Species ha	Agriculture and Other Uses ha
Softwood Species	Pvt	-	-	-	-
	Pub	-	-	-	-
Total Softwood		-	-	-	-
Eucalyptus Species	Pvt	-	-	-	-
	Pub	-	-	-	-
Total Eucalyptus		-	-	-	-
Wattle	Pvt	-	-	-	-
	Pub	-	-	-	-
Total Wattle		-	-	-	-
Other Hardwood Species	Pvt	-	-	-	-
	Pub	-	-	-	-
Total Other Hardwood		-	-	-	-
Total Conversion	Pvt	-	-	-	-
	Pub	-	-	-	-

Table A6.6 - Zone 6 Zululand

Conversion of existing plantation areas

<u>Converted from</u>	Converted to				
	Softwood Species ha	Eucalyptus Species ha	Wattle ha	Other Hardwood Species ha	Agriculture and Other Uses ha
Softwood Species	Pvt	-	64	-	10
	Pub	70	-	-	38
Total Softwood		70	64	-	48
Eucalyptus Species	Pvt	150	35	-	7
	Pub	-	-	-	-
Total Eucalyptus		150	35	-	7
Wattle	Pvt	-	-	-	10
	Pub	-	-	-	-
Total Wattle		-	-	-	10
Other Hardwood Species	Pvt	-	-	-	-
	Pub	-	-	-	-
Total Other Hardwood		-	-	-	-
Total Conversion	Pvt	150	-	99	27
	Pub	-	70	-	38
Total Conversion		150	70	99	66

Table A6.7 - Zone 7 KwaZulu-Natal Midlands

Conversion of existing plantation areas

<u>Converted from</u>	Converted to					
	Softwood Species ha	Eucalyptus Species ha	Wattle ha	Other Hardwood Species ha	Agriculture and Other Uses ha	
Softwood Species	Pvt	206	161	-	31	
	Pub	-	-	-	-	
Total Softwood		206	161	-	31	
Eucalyptus Species	Pvt	240	382	-	339	
	Pub	-	8	-	-	
Total Eucalyptus	240		389	-	339	
Wattle	Pvt	75	271	-	118	
	Pub	-	-	-	-	
Total Wattle	75	271		-	118	
Other Hardwood Species	Pvt	-	-	-	35	
	Pub	-	-	-	-	
Total Other Hardwood	-	-	-		35	
Total Conversion	Pvt	315	477	542	-	523
	Pub	-	-	8	-	-

Table A6.8 - Zone 8 Northern KwaZulu-Natal

Conversion of existing plantation areas

<u>Converted from</u>	Converted to					
	Softwood Species ha	Eucalyptus Species ha	Wattle ha	Other Hardwood Species ha	Agriculture and Other Uses ha	
Softwood Species	Pvt	233	80	11	41	
	Pub	-	-	-	-	
Total Softwood		233	80	11	41	
Eucalyptus Species	Pvt	50	176	21	7	
	Pub	-	-	-	-	
Total Eucalyptus	50		176	21	7	
Wattle	Pvt	-	-	7	-	
	Pub	-	-	-	-	
Total Wattle	-	-		7	-	
Other Hardwood Species	Pvt	-	90	-	-	
	Pub	-	-	-	-	
Total Other Hardwood	-	-	90		-	
Total Conversion	Pvt	50	233	346	40	48
	Pub	-	-	-	-	-

Table A6.9 - Zone 9 Southern KwaZulu-Natal

Conversion of existing plantation areas

<u>Converted from</u>	Converted to					
	Softwood Species ha	Eucalyptus Species ha	Wattle ha	Other Hardwood Species ha	Agriculture and Other Uses ha	
Softwood Species	Pvt	180	1	-	48	
	Pub	-	-	-	-	
Total Softwood		180	1	-	48	
Eucalyptus Species	Pvt	7	45	20	19	
	Pub	-	-	-	-	
Total Eucalyptus	7		45	20	19	
Wattle	Pvt	2	154	11	48	
	Pub	-	-	-	-	
Total Wattle	2	154		11	48	
Other Hardwood Species	Pvt	-	-	-	-	
	Pub	-	-	-	-	
Total Other Hardwood	-	-	-		-	
Total Conversion	Pvt	9	334	46	31	115
	Pub	-	-	-	-	-

Table A6.11 - Zone 11 Eastern Cape

Conversion of existing plantation areas

<u>Converted from</u>	Converted to				
	Softwood Species ha	Eucalyptus Species ha	Wattle ha	Other Hardwood Species ha	Agriculture and Other Uses ha
Softwood Species	Pvt	-	-	-	-
	Pub	21	4	-	37
Total Softwood		21	4	-	37
Eucalyptus Species	Pvt	28	-	-	-
	Pub	56	24	-	-
Total Eucalyptus	84		24	-	-
Wattle	Pvt	-	-	-	-
	Pub	-	-	-	-
Total Wattle	-	-	-	-	-
Other Hardwood Species	Pvt	-	-	-	-
	Pub	-	-	-	-
Total Other Hardwood	-	-	-	-	-
Total Conversion	Pvt	28	21	-	37
	Pub	56	21	29	37
Total Conversion	84	21	29	-	37

Table A6.12 - Zone 12 Southern Cape

Conversion of existing plantation areas

<u>Converted from</u>	Converted to				
	Softwood Species ha	Eucalyptus Species ha	Wattle ha	Other Hardwood Species ha	Agriculture and Other Uses ha
Softwood Species	Pvt	-	-	-	784
	Pub	-	-	-	838
Total Softwood		-	-	-	1 621
Eucalyptus Species	Pvt	42	-	-	-
	Pub	-	-	-	-
Total Eucalyptus		42	-	-	-
Wattle	Pvt	-	-	-	-
	Pub	-	-	-	-
Total Wattle		-	-	-	-
Other Hardwood Species	Pvt	-	-	-	-
	Pub	-	-	-	-
Total Other Hardwood		-	-	-	-
Total Conversion	Pvt	42	-	-	784
	Pub	-	-	-	838
Total Conversion		42	-	-	1 621

Table A6.13 - Zone 13 Western Cape

Conversion of existing plantation areas

<u>Converted from</u>	Converted to				
	Softwood Species ha	Eucalyptus Species ha	Wattle ha	Other Hardwood Species ha	Agriculture and Other Uses ha
Softwood Species	Pvt	-	-	-	666
	Pub	-	-	-	36
Total Softwood		-	-	-	702
Eucalyptus Species	Pvt	-	-	-	-
	Pub	5	-	-	-
Total Eucalyptus	5		-	-	-
Wattle	Pvt	-	-	-	-
	Pub	-	-	-	-
Total Wattle	-	-		-	-
Other Hardwood Species	Pvt	-	-	-	-
	Pub	-	-	-	-
Total Other Hardwood	-	-	-		-
Total Conversion	Pvt	-	-	-	666
	Pub	5	-	-	36
Total Conversion	5	-	-	-	702

Table A7.0 - Total for South Africa

New afforestation according to species and purpose

Product		Softwood	Eucalyptus	Wattle	Other	Total	
		Species	Species		Hardwoods		
		ha	ha	ha	ha	ha	
Sawlogs	Pvt	1 737	35	34	-	1 806	
	Pub	3	-	15	-	18	
Total Sawlogs		1 740	35	49	-	1 824	
Poles	Pvt	14	25	8	-	47	
	Pub	-	202	12	-	214	
Total Poles		14	227	20	-	261	
Mining timber	Pvt	-	34	-	-	34	
	Pub	-	-	-	-	-	
Total Mining Timber		-	34	-	-	34	
Pulpwood	Pvt	180	1 719	600	13	2 512	
	Pub	-	-	-	-	-	
Total Pulpwood		180	1 719	600	13	2 512	
Other Purposes	Pvt	21	1 352	30	175	1 577	
	Pub	-	-	-	-	-	
Total Other		21	1 352	30	175	1 577	
		Pvt	1 952	3 164	671	188	5 976
		Pub	3	202	27	-	232
Total All		1 955	3 366	698	188	6 208	

Table A7.1 - Zone 7 Limpopo Province

New afforestation according to species and purpose

Product		Softwood	Eucalyptus	Wattle	Other	Total
		Species	Species		Hardwoods	
		ha	ha	ha	ha	ha
Sawlogs	Pvt	1 006	20	-	-	1 026
	Pub	-	-	-	-	-
Total Sawlogs		1 006	20	-	-	1 026
Poles	Pvt	-	17	-	-	17
	Pub	-	-	-	-	-
Total Poles		-	17	-	-	17
Mining timber	Pvt	-	20	-	-	20
	Pub	-	-	-	-	-
Total Mining Timber		-	20	-	-	20
Pulpwood	Pvt	-	-	-	-	-
	Pub	-	-	-	-	-
Total Pulpwood		-	-	-	-	-
Other Purposes	Pvt	-	1 351	28	-	1 378
	Pub	-	-	-	-	-
Total Other		-	1 351	28	-	1 378
Total All	Pvt	1 006	1 408	28	-	2 441
	Pub	-	-	-	-	-
Total All		1 006	1 408	28	-	2 441

Table A7.2 - Zone 2 Mpumalanga North

New afforestation according to species and purpose

Product		Softwood Species ha	Eucalyptus Species ha	Wattle ha	Other Hardwoods ha	Total ha
Sawlogs	Pvt	-	-	-	-	-
	Pub	-	-	-	-	-
Total Sawlogs		-	-	-	-	-
Poles	Pvt	-	-	-	-	-
	Pub	-	-	-	-	-
Total Poles		-	-	-	-	-
Mining timber	Pvt	-	-	-	-	-
	Pub	-	-	-	-	-
Total Mining Timber		-	-	-	-	-
Pulpwood	Pvt	-	-	-	-	-
	Pub	-	-	-	-	-
Total Pulpwood		-	-	-	-	-
Other Purposes	Pvt	-	-	-	-	-
	Pub	-	-	-	-	-
Total Other		-	-	-	-	-
Total All	Pvt	-	-	-	-	-
	Pub	-	-	-	-	-
Total All		-	-	-	-	-

Table A7.3 - Zone 3 Central Districts

New afforestation according to species and purpose

Product	Softwood Species ha	Eucalyptus Species ha	Wattle ha	Other Hardwoods ha	Total ha
Sawlogs	Pvt	-	-	-	-
	Pub	-	-	-	-
Total Sawlogs	-	-	-	-	-
Poles	Pvt	-	-	-	-
	Pub	-	-	-	-
Total Poles	-	-	-	-	-
Mining timber	Pvt	-	-	-	-
	Pub	-	-	-	-
Total Mining Timber	-	-	-	-	-
Pulpwood	Pvt	-	-	-	-
	Pub	-	-	-	-
Total Pulpwood	-	-	-	-	-
Other Purposes	Pvt	-	-	-	-
	Pub	-	-	-	-
Total Other	-	-	-	-	-
Total All	Pvt	-	-	-	-
	Pub	-	-	-	-
Total All	-	-	-	-	-

Table A7.4 - Zone 4 Mpumalanga South

New afforestation according to species and purpose

Product		Softwood	Eucalyptus	Wattle	Other	Total
		Species ha	Species ha	ha	Hardwoods ha	
Sawlogs	Pvt	83	-	-	-	83
	Pub	-	-	-	-	-
Total Sawlogs		83	-	-	-	83
Poles	Pvt	-	-	-	-	-
	Pub	-	-	-	-	-
Total Poles		-	-	-	-	-
Mining timber	Pvt	-	-	-	-	-
	Pub	-	-	-	-	-
Total Mining Timber		-	-	-	-	-
Pulpwood	Pvt	13	232	20	-	265
	Pub	-	-	-	-	-
Total Pulpwood		13	232	20	-	265
Other Purposes	Pvt	21	1	-	175	197
	Pub	-	-	-	-	-
Total Other		21	1	-	175	197
Total All	Pvt	117	233	20	175	545
	Pub	-	-	-	-	-
Total All		117	233	20	175	545

Table A7.5 - Zone 5 Maputaland

New afforestation according to species and purpose

Product		Softwood Species ha	Eucalyptus Species ha	Wattle ha	Other Hardwoods ha	Total ha
Sawlogs	Pvt	-	-	-	-	-
	Pub	-	-	-	-	-
Total Sawlogs		-	-	-	-	-
Poles	Pvt	-	-	-	-	-
	Pub	-	-	-	-	-
Total Poles		-	-	-	-	-
Mining timber	Pvt	-	-	-	-	-
	Pub	-	-	-	-	-
Total Mining Timber		-	-	-	-	-
Pulpwood	Pvt	-	-	-	-	-
	Pub	-	-	-	-	-
Total Pulpwood		-	-	-	-	-
Other Purposes	Pvt	-	-	-	-	-
	Pub	-	-	-	-	-
Total Other		-	-	-	-	-
	Pvt	-	-	-	-	-
	Pub	-	-	-	-	-
Total All		-	-	-	-	-

Table A7.6 - Zone 6 Zululand

New afforestation according to species and purpose

Product		Softwood Species ha	Eucalyptus Species ha	Wattle ha	Other Hardwoods ha	Total ha
Sawlogs	Pvt	-	-	-	-	-
	Pub	-	-	-	-	-
Total Sawlogs		-	-	-	-	-
Poles	Pvt	-	-	-	-	-
	Pub	-	-	-	-	-
Total Poles		-	-	-	-	-
Mining timber	Pvt	-	-	-	-	-
	Pub	-	-	-	-	-
Total Mining Timber		-	-	-	-	-
Pulpwood	Pvt	-	536	25	-	561
	Pub	-	-	-	-	-
Total Pulpwood		-	536	25	-	561
Other Purposes	Pvt	-	-	-	-	-
	Pub	-	-	-	-	-
Total Other		-	-	-	-	-
	Pvt	-	536	25	-	561
	Pub	-	-	-	-	-
Total All		-	536	25	-	561

Table A7.7 - Zone 7 KwaZulu-Natal Midlands

New afforestation according to species and purpose

Product		Softwood Species ha	Eucalyptus Species ha	Wattle ha	Other Hardwoods ha	Total ha
Sawlogs	Pvt	430	-	-	-	430
	Pub	-	-	-	-	-
Total Sawlogs		430	-	-	-	430
Poles	Pvt	-	-	-	-	-
	Pub	-	-	-	-	-
Total Poles		-	-	-	-	-
Mining timber	Pvt	-	-	-	-	-
	Pub	-	-	-	-	-
Total Mining Timber		-	-	-	-	-
Pulpwood	Pvt	1	382	118	2	503
	Pub	-	-	-	-	-
Total Pulpwood		1	382	118	2	503
Other Purposes	Pvt	-	-	-	-	-
	Pub	-	-	-	-	-
Total Other		-	-	-	-	-
	Pvt	431	382	118	2	933
	Pub	-	-	-	-	-
Total All		431	382	118	2	933

Table A7.8 - Zone 8 Northern KwaZulu-Natal

New afforestation according to species and purpose

Product		Softwood	Eucalyptus	Wattle	Other	Total	
		Species	Species		Hardwoods		
		ha	ha	ha	ha	ha	
Sawlogs	Pvt	-	15	15	-	30	
	Pub	-	-	-	-	-	
Total Sawlogs		-	15	15	-	30	
Poles	Pvt	-	8	8	-	16	
	Pub	-	-	-	-	-	
Total Poles		-	8	8	-	16	
Mining timber	Pvt	-	-	-	-	-	
	Pub	-	-	-	-	-	
Total Mining Timber		-	-	-	-	-	
Pulpwood	Pvt	1	195	384	11	591	
	Pub	-	-	-	-	-	
Total Pulpwood		1	195	384	11	591	
Other Purposes	Pvt	-	-	2	-	2	
	Pub	-	-	-	-	-	
Total Other		-	-	2	-	2	
		Pvt	1	218	409	11	639
		Pub	-	-	-	-	-
Total All		1	218	409	11	639	

Table A7.9 - Zone 9 Southern KwaZulu-Natal

New afforestation according to species and purpose

Product		Softwood	Eucalyptus	Wattle	Other	Total
		Species ha	Species ha	ha	Hardwoods ha	ha
Sawlogs	Pvt	206	-	19	-	225
	Pub	-	-	-	-	-
Total Sawlogs		206	-	19	-	225
Poles	Pvt	-	-	-	-	-
	Pub	-	-	-	-	-
Total Poles		-	-	-	-	-
Mining timber	Pvt	-	14	-	-	14
	Pub	-	-	-	-	-
Total Mining Timber		-	14	-	-	14
Pulpwood	Pvt	-	373	53	-	426
	Pub	-	-	-	-	-
Total Pulpwood		-	373	53	-	426
Other Purposes	Pvt	-	-	-	-	-
	Pub	-	-	-	-	-
Total Other		-	-	-	-	-
	Pvt	206	387	72	-	665
	Pub	-	-	-	-	-
Total All		206	387	72	-	665

Table A7.11 - Zone 11 Eastern Cape

New afforestation according to species and purpose

Product		Softwood Species ha	Eucalyptus Species ha	Wattle ha	Other Hardwoods ha	Total ha
Sawlogs	Pvt	-	-	-	-	-
	Pub	-	-	15	-	15
Total Sawlogs		-	-	15	-	15
Poles	Pvt	-	-	-	-	-
	Pub	-	202	12	-	214
Total Poles		-	202	12	-	214
Mining timber	Pvt	-	-	-	-	-
	Pub	-	-	-	-	-
Total Mining Timber		-	-	-	-	-
Pulpwood	Pvt	165	-	-	-	165
	Pub	-	-	-	-	-
Total Pulpwood		165	-	-	-	165
Other Purposes	Pvt	-	-	-	-	-
	Pub	-	-	-	-	-
Total Other		-	-	-	-	-
	Pvt	165	-	-	-	165
	Pub	-	202	27	-	229
Total All		165	202	27	-	394

Table A7.12 - Zone 12 Southern Cape

New afforestation according to species and purpose

Product		Softwood	Eucalyptus	Wattle	Other	Total
		Species	Species		Hardwoods	
		ha	ha	ha	ha	ha
Sawlogs	Pvt	12	-	-	-	12
	Pub	3	-	-	-	3
Total Sawlogs		15	-	-	-	15
Poles	Pvt	-	-	-	-	-
	Pub	-	-	-	-	-
Total Poles		-	-	-	-	-
Mining timber	Pvt	-	-	-	-	-
	Pub	-	-	-	-	-
Total Mining Timber		-	-	-	-	-
Pulpwood	Pvt	-	-	-	-	-
	Pub	-	-	-	-	-
Total Pulpwood		-	-	-	-	-
Other Purposes	Pvt	-	-	-	-	-
	Pub	-	-	-	-	-
Total Other		-	-	-	-	-
	Pvt	12	-	-	-	12
	Pub	3	-	-	-	3
Total All		15	-	-	-	15

Table A7.13 - Zone 13 Western Cape

New afforestation according to species and purpose

Product		Softwood Species ha	Eucalyptus Species ha	Wattle ha	Other Hardwoods ha	Total ha
Sawlogs	Pvt	-	-	-	-	-
	Pub	-	-	-	-	-
Total Sawlogs		-	-	-	-	-
Poles	Pvt	14	-	-	-	14
	Pub	-	-	-	-	-
Total Poles		14	-	-	-	14
Mining timber	Pvt	-	-	-	-	-
	Pub	-	-	-	-	-
Total Mining Timber		-	-	-	-	-
Pulpwood	Pvt	-	-	-	-	-
	Pub	-	-	-	-	-
Total Pulpwood		-	-	-	-	-
Other Purposes	Pvt	-	-	-	-	-
	Pub	-	-	-	-	-
Total Other		-	-	-	-	-
	Pvt	14	-	-	-	14
	Pub	-	-	-	-	-
Total All		14	-	-	-	14

APPENDIX B - Detailed Primary Roundwood Processing Schedules

Table B10.0 - Primary Roundwood Processors by Ownership Type

2001/2002

Zone	Number of Plants	Companies and Close Corporations	Individuals and Partnerships	State and Local Authorities
1	34	15	18	1
2	28	25	3	-
3	4	4	-	-
4	18	17	1	-
5	1	-	-	1
6	10	8	1	1
7	24	20	4	-
8	7	4	3	-
9	8	8	-	-
11	14	11	3	-
12	12	11	-	1
13	22	19	2	1
Total	182	142	35	5

Table B11.0 Number of Primary Roundwood Processing Plants by Type and size of annual intake

2001/2002

Intake (m ³)	Sawmills		Veneer Plants		Pole Impregnation Plants		Mining Timber Mills		Pulp and/or Board Plants		Match Factories		Charcoal Plants	
	Number	% of intake	Number	% of intake	Number	% of intake	Number	% of intake	Number	% of intake	Number	% of intake	Number	% of intake
<5 000	30	1.4	2	8.7	27	17.1	3	0.6	3	0.1	-	-	1	1.3
5001 - 10 000	12	1.9	1	7.9	7	12.1	2	4.1	1	0.1	-	-	1	3.0
10 001 - 20 000	13	4.2	1	23.3	2	9.1	1	2.8	2	0.2	-	-	1	3.7
20 001 - 50 000	20	15.8	1	60.1	3	28.4	3	29.4	2	0.7	1	100.0	-	-
50 001 - 100 000	13	22.4	-	-	2	33.3	2	31.0	1	0.5	-	-	-	-
100 001 - 150 000	5	14.4	-	-	-	-	1	32.0	1	1.5	-	-	1	35.7
150 001 - 200 000	2	7.8	-	-	-	-	-	-	-	-	-	-	1	56.3
> 200 000	3	32.1	-	-	-	-	-	-	10	96.9	-	-	-	-
Total	98	100.0	5	100.0	41	100.0	12	100.0	20	100.0	1	100.0	5	100.0

Table B12.0 -Value of Fixed Assets**2001/2002**

Asset Category	Rand	% of total
Land, Buildings and Housing	1 658 907 896	8.9
Machinery, Equipment and Furniture	16 558 120 292	89.0
Vehicles	277 899 749	1.5
Other	102 637 247	0.7
Total Fixed Assets	18 597 565 184	100.1

Table B13.0 -Value of Fixed Assets per Sector**2001/2002**

Asset Group	Sawmills	Veneer Plants	Pole Impregnation Plants	Mining Timber Mills	Pulp and/or Board Plants	Match Factories	Charcoal Plants and Other
	Rand	Rand	Rand	Rand	Rand	Rand	Rand
Land, Buildings and Housing	328 738 719	16 050 311	14 780 810	2 213 899	1 103 897 965	38 582 284	154 643 908
Machinery, Equipment and Furniture	596 524 139	147 316 858	20 869 251	2 843 717	15 555 623 222	47 792 080	187 151 025
Vehicles	130 661 721	1 570 423	9 759 593	390 493	105 615 781	35 731	29 866 007
Other	4 052 006	420 524	197 145	0	89 182 238	5 775	8 779 559
Total	1 059 976 585	165 358 116	45 606 799	5 448 109	16 854 319 206	86 415 870	380 440 499

Table B14.0 Total for South Africa

Roundwood Processed or Transferred In 2001/2002

		Sawlogs	Veneerlogs	Poles	Mining timber		Pulpwood		Matchwood		Charcoal		In Transit
		m ³	m ³	m ³	t	m ³	t	m ³	t	m ³	t	m ³	m ³
Softwood	Pvt	3 278 297	68 182	112 079	-	-	3 178 348	3 178 348	-	-	-	-	45 013
	Pub	99 082	-	-	-	-	-	-	-	-	-	-	-
	Tot	3 377 379	68 182	112 079	-	-	3 178 348	3 178 348	-	-	-	-	45 013
<i>E. grandis</i>	Pvt	205 038	-	193 174	383 914	564 354	3 382 408	4 972 140	-	-	25 630	37 676	23 027
	Pub	-	-	893	-	-	-	-	-	-	-	-	-
	Tot	205 038	-	194 067	383 914	564 354	3 382 408	4 972 140	-	-	25 630	37 676	23 027
Other gum species	Pvt	7 800	1 975	55 148	-	-	2 122 230	2 652 788	-	-	41 278	51 598	44
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	7 800	1 975	55 148	-	-	2 122 230	2 652 788	-	-	41 278	51 598	44
Wattle species	Pvt	-	-	-	-	-	1 303 405	1 483 275	-	-	157 657	179 414	3 423
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	-	-	-	-	-	1 303 405	1 483 275	-	-	157 657	179 414	3 423
Other Hardwood Species	Pvt	5 620	8 234	-	455	568	-	-	30 000	30 900	-	-	397
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	5 620	8 234	-	455	568	-	-	30 000	30 900	-	-	397
Total	Pvt	3 496 755	78 391	360 401	384 369	564 922	9 986 391	12 286 550	30 000	30 900	224 565	268 687	71 905
	Pub	99 082	-	893	-	-	-	-	-	-	-	-	-
	Tot	3 595 837	78 391	361 294	384 369	564 922	9 986 391	12 286 550	30 000	30 900	224 565	268 687	71 905

Table B14.1 Zone 1 Limpopo Province

Roundwood Processed or Transferred In 2001/2002

		Sawlogs	Veneerlogs	Poles	Mining timber		Pulpwood		Matchwood		Charcoal		In Transit
		m ³	m ³	m ³	t	m ³	t	m ³	t	m ³	t	m ³	m ³
Softwood	Pvt	248 562	-	604	-	-	96 911	96 911	-	-	-	-	17 180
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	248 562	-	604	-	-	96 911	96 911	-	-	-	-	17 180
<i>E. grandis</i>	Pvt	120 118	-	25 067	17 893	26 303	-	-	-	-	-	-	800
	Pub	-	-	893	-	-	-	-	-	-	-	-	-
	Tot	120 118	-	25 960	17 893	26 303	-	-	-	-	-	-	800
Other gum species	Pvt	-	-	-	-	-	-	-	-	-	41 278	51 598	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	-	-	-	-	-	-	-	-	-	41 278	51 598	-
Wattle species	Pvt	-	-	-	-	-	-	-	-	-	59 342	67 531	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	-	-	-	-	-	-	-	-	-	59 342	67 531	-
Other Hardwood Species	Pvt	-	-	-	455	568	-	-	-	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	-	-	-	455	568	-	-	-	-	-	-	-
Total	Pvt	368 680	-	25 671	18 348	26 871	96 911	96 911	-	-	100 620	119 129	17 980
	Pub	-	-	893	-	-	-	-	-	-	-	-	-
	Tot	368 680	-	26 564	18 348	26 871	96 911	96 911	-	-	100 620	119 129	17 980

Table B14.2 Zone 2 Mpumalanga North

Roundwood Processed or Transferred In 2001/2002

		Sawlogs	Veneerlogs	Poles	Mining timber		Pulpwood		Matchwood		Charcoal		In Transit
		m ³	m ³	m ³	t	m ³	t	m ³	t	m ³	t	m ³	m ³
Softwood	Pvt	1 198 462	53 344	-	-	-	1 253 761	1 253 761	-	-	-	-	7 200
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	1 198 462	53 344	-	-	-	1 253 761	1 253 761	-	-	-	-	7 200
<i>E. grandis</i>	Pvt	72 118	-	25 987	165 229	242 887	-	-	-	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	72 118	-	25 987	165 229	242 887	-	-	-	-	-	-	-
Other gum species	Pvt	-	-	3 340	-	-	181 566	226 958	-	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	-	-	3 340	-	-	181 566	226 958	-	-	-	-	-
Wattle species	Pvt	-	-	-	-	-	-	-	-	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	-	-	-	-	-	-	-	-	-	-	-	-
Other Hardwood Species	Pvt	-	-	-	-	-	-	-	-	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	-	-	-	-	-	-	-	-	-	-	-	-
Total	Pvt	1 270 580	53 344	29 327	165 229	242 887	1 435 327	1 480 719	-	-	-	-	7 200
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	1 270 580	53 344	29 327	165 229	242 887	1 435 327	1 480 719	-	-	-	-	7 200

Table B14.3 Zone 3 Central Districts

Roundwood Processed or Transferred In 2001/2002

		Sawlogs	Veneerlogs	Poles	Mining timber		Pulpwood		Matchwood		Charcoal		In Transit
		m ³	m ³	m ³	t	m ³	t	m ³	t	m ³	t	m ³	m ³
Softwood	Pvt	-	-	-	-	-	-	-	-	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	-	-	-	-	-	-	-	-	-	-	-	-
<i>E. grandis</i>	Pvt	-	-	27 000	-	-	-	-	-	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	-	-	27 000	-	-	-	-	-	-	-	-	-
Other gum species	Pvt	-	-	-	-	-	291 563	364 454	-	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	-	-	-	-	-	291 563	364 454	-	-	-	-	-
Wattle species	Pvt	-	-	-	-	-	-	-	-	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	-	-	-	-	-	-	-	-	-	-	-	-
Other Hardwood Species	Pvt	-	-	-	-	-	-	-	30 000	30 900	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	-	-	-	-	-	-	-	30 000	30 900	-	-	-
Total	Pvt	-	-	27 000	-	-	291 563	364 454	30 000	30 900	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	-	-	27 000	-	-	291 563	364 454	30 000	30 900	-	-	-

Table B14.4 Zone 4 Mpumalanga South

Roundwood Processed or Transferred In 2001/2002

		Sawlogs	Veneerlogs	Poles	Mining timber		Pulpwood		Matchwood		Charcoal		In Transit
		m ³	m ³	m ³	t	m ³	t	m ³	t	m ³	t	m ³	m ³
Softwood	Pvt	362 347	-	-	-	-	-	-	-	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	362 347	-	-	-	-	-	-	-	-	-	-	-
<i>E. grandis</i>	Pvt	-	-	19 991	158 667	233 240	40 000	58 800	-	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	-	-	19 991	158 667	233 240	40 000	58 800	-	-	-	-	-
Other gum species	Pvt	-	-	-	-	-	7 263	9 079	-	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	-	-	-	-	-	7 263	9 079	-	-	-	-	-
Wattle species	Pvt	-	-	-	-	-	55 247	62 871	-	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	-	-	-	-	-	55 247	62 871	-	-	-	-	-
Other Hardwood Species	Pvt	-	-	-	-	-	-	-	-	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	-	-	-	-	-	-	-	-	-	-	-	-
Total	Pvt	362 347	-	19 991	158 667	233 240	102 510	130 750	-	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	362 347	-	19 991	158 667	233 240	102 510	130 750	-	-	-	-	-

Table B14.5 Zone 5 Maputaland

Roundwood Processed or Transferred In 2001/2002

		Sawlogs	Veneerlogs	Poles	Mining timber		Pulpwood		Matchwood		Charcoal		In Transit
		m ³	m ³	m ³	t	m ³	t	m ³	t	m ³	t	m ³	m ³
Softwood	Pvt	-	-	-	-	-	-	-	-	-	-	-	-
	Pub	13 796	-	-	-	-	-	-	-	-	-	-	-
	Tot	13 796	-	-	-	-	-	-	-	-	-	-	-
<i>E. grandis</i>	Pvt	-	-	-	-	-	-	-	-	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	-	-	-	-	-	-	-	-	-	-	-	-
Other gum species	Pvt	-	-	-	-	-	-	-	-	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	-	-	-	-	-	-	-	-	-	-	-	-
Wattle species	Pvt	-	-	-	-	-	-	-	-	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	-	-	-	-	-	-	-	-	-	-	-	-
Other Hardwood Species	Pvt	-	-	-	-	-	-	-	-	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	-	-	-	-	-	-	-	-	-	-	-	-
Total	Pvt	-	-	-	-	-	-	-	-	-	-	-	-
	Pub	13 796	-	-	-	-	-	-	-	-	-	-	-
	Tot	13 796	-	-	-	-	-	-	-	-	-	-	-

Table B14.6 Zone 6 Zululand

Roundwood Processed or Transferred In 2001/2002

		Sawlogs	Veneerlogs	Poles	Mining timber		Pulpwood		Matchwood		Charcoal		In Transit
		m ³	m ³	m ³	t	m ³	t	m ³	t	m ³	t	m ³	m ³
Softwood	Pvt	75 706	-	-	-	-	440 932	440 932	-	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	75 706	-	-	-	-	440 932	440 932	-	-	-	-	-
<i>E. grandis</i>	Pvt	-	-	6 000	-	-	1 817 785	2 672 144	-	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	-	-	6 000	-	-	1 817 785	2 672 144	-	-	-	-	-
Other gum species	Pvt	-	-	2 748	-	-	1 368 302	1 710 378	-	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	-	-	2 748	-	-	1 368 302	1 710 378	-	-	-	-	-
Wattle species	Pvt	-	-	-	-	-	1 035 958	1 178 920	-	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	-	-	-	-	-	1 035 958	1 178 920	-	-	-	-	-
Other Hardwood Species	Pvt	-	-	-	-	-	-	-	-	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	-	-	-	-	-	-	-	-	-	-	-	-
Total	Pvt	75 706	-	8 748	-	-	4 662 977	6 002 374	-	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	75 706	-	8 748	-	-	4 662 977	6 002 374	-	-	-	-	-

Table B14.7 Zone 7 KwaZulu-Natal Midlands

Roundwood Processed or Transferred In 2001/2002

		Sawlogs	Veneerlogs	Poles	Mining timber		Pulpwood		Matchwood		Charcoal		In Transit
		m ³	m ³	m ³	t	m ³	t	m ³	t	m ³	t	m ³	m ³
Softwood	Pvt	302 425	2 585	2 320	-	-	781 782	781 782	-	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	302 425	2 585	2 320	-	-	781 782	781 782	-	-	-	-	-
<i>E. grandis</i>	Pvt	1 600	-	68 599	-	-	194 290	285 606	-	-	25 630	37 676	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	1 600	-	68 599	-	-	194 290	285 606	-	-	25 630	37 676	-
Other gum species	Pvt	-	-	-	-	-	272 791	340 989	-	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	-	-	-	-	-	272 791	340 989	-	-	-	-	-
Wattle species	Pvt	-	-	-	-	-	85 400	97 185	-	-	89 815	102 209	400
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	-	-	-	-	-	85 400	97 185	-	-	89 815	102 209	400
Other Hardwood Species	Pvt	-	-	-	-	-	-	-	-	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	-	-	-	-	-	-	-	-	-	-	-	-
Total	Pvt	304 025	2 585	70 919	-	-	1 334 263	1 505 562	-	-	115 445	139 886	400
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	304 025	2 585	70 919	-	-	1 334 263	1 505 562	-	-	115 445	139 886	400

Table B14.8 Zone 8 Northern KwaZulu-Natal

Roundwood Processed or Transferred In 2001/2002

		Sawlogs	Veneerlogs	Poles	Mining timber		Pulpwood		Matchwood		Charcoal		In Transit
		m ³	m ³	m ³	t	m ³	t	m ³	t	m ³	t	m ³	m ³
Softwood	Pvt	5 900	-	34 500	-	-	-	-	-	-	-	-	4 535
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	5 900	-	34 500	-	-	-	-	-	-	-	-	4 535
<i>E. grandis</i>	Pvt	-	-	1 500	42 125	61 924	-	-	-	-	-	-	3 625
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	-	-	1 500	42 125	61 924	-	-	-	-	-	-	3 625
Other gum species	Pvt	-	-	15 370	-	-	-	-	-	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	-	-	15 370	-	-	-	-	-	-	-	-	-
Wattle species	Pvt	-	-	-	-	-	-	-	-	-	8 500	9 673	3 023
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	-	-	-	-	-	-	-	-	-	8 500	9 673	3 023
Other Hardwood Species	Pvt	-	-	-	-	-	-	-	-	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	-	-	-	-	-	-	-	-	-	-	-	-
Total	Pvt	5 900	-	51 370	42 125	61 924	-	-	-	-	8 500	9 673	11 184
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	5 900	-	51 370	42 125	61 924	-	-	-	-	8 500	9 673	11 184

Table B14.9 Zone 9 Southern KwaZulu-Natal

Roundwood Processed or Transferred In 2001/2002

		Sawlogs	Veneerlogs	Poles	Mining timber		Pulpwood		Matchwood		Charcoal		In Transit
		m ³	m ³	m ³	t	m ³	t	m ³	t	m ³	t	m ³	m ³
Softwood	Pvt	276 312	-	-	-	-	569 311	569 311	-	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	276 312	-	-	-	-	569 311	569 311	-	-	-	-	-
<i>E. grandis</i>	Pvt	11 202	-	2 400	-	-	1 330 333	1 955 590	-	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	11 202	-	2 400	-	-	1 330 333	1 955 590	-	-	-	-	-
Other gum species	Pvt	-	-	-	-	-	-	-	-	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	-	-	-	-	-	-	-	-	-	-	-	-
Wattle species	Pvt	-	-	-	-	-	126 800	144 298	-	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	-	-	-	-	-	126 800	144 298	-	-	-	-	-
Other Hardwood Species	Pvt	-	-	-	-	-	-	-	-	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	-	-	-	-	-	-	-	-	-	-	-	-
Total	Pvt	287 514	-	2 400	-	-	2 026 444	2 669 199	-	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	287 514	-	2 400	-	-	2 026 444	2 669 199	-	-	-	-	-

Table B14.11 Zone 11 Eastern Cape

Roundwood Processed or Transferred In 2001/2002

		Sawlogs	Veneerlogs	Poles	Mining timber		Pulpwood		Matchwood		Charcoal		In Transit
		m ³	m ³	m ³	t	m ³	t	m ³	t	m ³	t	m ³	m ³
Softwood	Pvt	404 194	-	8 128	-	-	-	-	-	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	404 194	-	8 128	-	-	-	-	-	-	-	-	-
<i>E. grandis</i>	Pvt	-	-	16 630	-	-	-	-	-	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	-	-	16 630	-	-	-	-	-	-	-	-	-
Other gum species	Pvt	-	-	-	-	-	-	-	-	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	-	-	-	-	-	-	-	-	-	-	-	-
Wattle species	Pvt	-	-	-	-	-	-	-	-	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	-	-	-	-	-	-	-	-	-	-	-	-
Other Hardwood Species	Pvt	-	-	-	-	-	-	-	-	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	-	-	-	-	-	-	-	-	-	-	-	-
Total	Pvt	404 194	-	24 758	-	-	-	-	-	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	404 194	-	24 758	-	-	-	-	-	-	-	-	-

Table B14.12 Zone 12 Southern Cape

Roundwood Processed or Transferred In 2001/2002

		Sawlogs	Veneerlogs	Poles	Mining timber		Pulpwood		Matchwood		Charcoal		In Transit
		m ³	m ³	m ³	t	m ³	t	m ³	t	m ³	t	m ³	m ³
Softwood	Pvt	260 479	-	36 634	-	-	-	-	-	-	-	-	16 098
	Pub	77 703	-	-	-	-	-	-	-	-	-	-	-
	Tot	338 182	-	36 634	-	-	-	-	-	-	-	-	16 098
<i>E. grandis</i>	Pvt	-	-	-	-	-	-	-	-	-	-	-	18 602
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	-	-	-	-	-	-	-	-	-	-	-	18 602
Other gum species	Pvt	7 800	-	33 690	-	-	745	931	-	-	-	-	44
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	7 800	-	33 690	-	-	745	931	-	-	-	-	44
Wattle species	Pvt	-	-	-	-	-	-	-	-	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	-	-	-	-	-	-	-	-	-	-	-	-
Other Hardwood Species	Pvt	-	-	-	-	-	-	-	-	-	-	-	397
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	-	-	-	-	-	-	-	-	-	-	-	397
Total	Pvt	268 279	-	70 324	-	-	745	931	-	-	-	-	35 141
	Pub	77 703	-	-	-	-	-	-	-	-	-	-	-
	Tot	345 982	-	70 324	-	-	745	931	-	-	-	-	35 141

Table B14.13 Zone 13 Western Cape

Roundwood Processed or Transferred In 2001/2002

		Sawlogs	Veneerlogs	Poles	Mining timber		Pulpwood		Matchwood		Charcoal		In Transit
		m ³	m ³	m ³	t	m ³	t	m ³	t	m ³	t	m ³	m ³
Softwood	Pvt	143 910	12 253	29 893	-	-	35 651	35 651	-	-	-	-	-
	Pub	7 583	-	-	-	-	-	-	-	-	-	-	-
	Tot	151 493	12 253	29 893	-	-	35 651	35 651	-	-	-	-	-
<i>E. grandis</i>	Pvt	-	-	-	-	-	-	-	-	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	-	-	-	-	-	-	-	-	-	-	-	-
Other gum species	Pvt	-	1 975	-	-	-	-	-	-	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	-	1 975	-	-	-	-	-	-	-	-	-	-
Wattle species	Pvt	-	-	-	-	-	-	-	-	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	-	-	-	-	-	-	-	-	-	-	-	-
Other Hardwood Species	Pvt	5 620	8 234	-	-	-	-	-	-	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	5 620	8 234	-	-	-	-	-	-	-	-	-	-
Total	Pvt	149 530	22 462	29 893	-	-	35 651	35 651	-	-	-	-	-
	Pub	7 583	-	-	-	-	-	-	-	-	-	-	-
	Tot	157 113	22 462	29 893	-	-	35 651	35 651	-	-	-	-	-

Table B15.0 Value of Roundwood Purchased or Transferred In**2001/2002**

Product	Private Sector	Public Sector	Total
	Rand	Rand	Purchase Value Rand
Sawlogs and Veneerlogs	687 664 457	16 776 615	704 441 072
Wooden Poles	60 291 191	46 197	60 337 388
Mining Timber	60 854 809	-	60 854 809
Pulpwood	2 404 602 007	-	2 404 602 007
Matchwood	13 000 000	-	13 000 000
Roundwood for Charcoal	22 920 510	-	22 920 510
Total	3 249 332 974	16 822 812	3 266 155 786
Roundwood in transit*	5 764 245	-	5 764 245

* Roundwood purchased but not processed by plant

Table B16.0 Value of Sales and/or Transfers-out of Timber and Timber Products**2001/2002**

Product	Value Rand
Sawn and Planed timber	1 867 728 698
Wooden Poles	164 371 844
Mining Timber	108 467 427
Wood-based Panel Products	594 675 290
Woodpulp, Paper and Paper Products	8 641 735 922
Firewood	92 626
Wood Chips (from roundwood)	1 479 359 517
Mill Residues	28 732 357
Charcoal	101 028 089
Other timber Products	820 561 855
Total	13 806 753 625
Roundwood in Transit*	6 277 918

*Roundwood not processed by plant

Table B17.1 Production Volume of Sawn Timber, Poles, Mining timber and Other Timber Products**2001/2002**

Product	Softwood m ³	Hardwood m ³	Total m ³
Sawn and Planed timber			
For building products	1 041 062	33 632	1 074 694
For furniture products	285 144	35 229	320 373
For other products	<u>472 891</u>	<u>18 900</u>	<u>491 791</u>
Total Sawn and Planed timber	<u>1 799 097</u>	<u>87 761</u>	<u>1 886 858</u>
Wooden Poles			
Transmission poles	10 414	62 400	72 814
Telephone poles	2 448	11 300	13 748
Other poles	<u>98 250</u>	<u>92 201</u>	<u>190 451</u>
Total Wooden Poles	<u>111 112</u>	<u>165 901</u>	<u>277 013</u>
	<u>Tons</u>	<u>Tons</u>	<u>Tons</u>
Mining Timber for supports	-	368 237	368 237
Other Products			
Wood chips	195 739	2 880 910	3 076 649
Charcoal	-	40 413	40 413
Mill residues	346 206	13 816	360 022
Firewood	7 371	3 842	11 213
Roundwood in transit*	34 610	19 181	53 791

*Roundwood not processed by plant, but which was handled and sold

Table B17.2 Sales Volume of Sawn Timber, Poles, Mining timber and Other Timber Products

2001/2002

Product	Softwood	Hardwood	Total
	m ³	m ³	m ³
Sawn and Planed timber			
For building products	891 807	39 182	930 989
For furniture products	297 738	36 967	334 705
For other products	404 981	18 953	423 934
Total Sawn and Planed timber	1 594 526	95 102	1 689 628
Wooden Poles			
Transmission poles	10 396	64 817	75 213
Telephone poles	2 448	10 639	13 087
Other poles	97 667	89 792	187 459
Total Wooden Poles	110 511	165 248	275 759
	Tons	Tons	Tons
Mining Timber for supports	-	364 990	364 990
Other Products			
Wood chips	197 176	2 769 762	2 966 938
Charcoal	-	40 307	40 307
Mill residues	380 350	13 250	393 600
Firewood	7 371	3 842	11 213
Roundwood in transit*	34 610	19 181	53 791

*Roundwood not processed by plant, but which was handled and sold

Table B18.0 Production and Sales of Woodbased Panel Products and Woodpulp**2001/2002**

Woodbased Panel Products		m ³
Veneer	Own use	33 951
	Sold	46 066
Plywood	Own use	298
	Sold	25 740
Blockboard, Laminboard and Battenboard	Sold	14 187
Particle Board and Chipboard	Sold	372 588
Fibreboard		
Compressed	Sold	193 155
Non-compressed	Sold	-
Woodpulp		tons
Mechanical Pulp	Own use	80 963
	Sold	289 562
Semi-Chemical Pulp	Own use	312 369
	Sold	38 739
Chemical Pulp	Own use	214 323
	Sold	571 129
Dissolving Pulp	Own use	-
	Sold	396 733