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1. Introduction

This publication presents estimates in respect of the 2019 forestry, logging and related services industry census. The survey aims to provide financial, production, employment and related information for the forestry, logging and related services industry.

The last forestry, logging and related services industry survey was conducted in 2017 (Discussion document 12-00-00 (2017)).

1.1 Scope and coverage

The 2019 forestry, logging and related services industry census covers enterprises registered for value added tax and mainly engaged in the forestry, logging and related services industry in the following activities, classified at major group level according to the January 1993 edition of the Standard Industrial Classification of all Economic Activities (SIC), Fifth Edition, Report No. 09-90-02:

- Forestry and related services (SIC 121); and
- Logging and related services (SIC 122).

1.2 Data items

The following categories of data items were collected: industrial classification, employment, trading income, expenditure, profit or loss, inventories, assets and liabilities, sales of goods, services, carrying value of assets and capital expenditure on new assets.

1.3 Reference period

The questionnaires were completed for the financial year of the enterprise **ending on any date between 1 July 2018 and 30 June 2019**, according to the usual reporting schedule of the enterprise.

For example (2019)

- 1 October 2017 – 30 September 2018
- 1 January 2018 – 31 December 2018
- 1 February 2018 – 31 January 2019
- 1 March 2018 – 28 February 2019
- 1 April 2018 – 31 March 2019

1.4 Current prices

The rand values are at current prices.

1.5 Reliability of data

All estimates compiled for this industry are subject to non-sampling errors.

The following are some of the likely sources of non-sampling errors: sampling frame not up to date, wrong definitions and classification, phrasing of questions, non-response, processing and estimation. Every effort is made to minimise non-sampling errors by careful design of questionnaires, testing them with a sample of respondents, editing reported data and implementing efficient operating procedures. Non-sampling errors occur in both sample surveys and censuses.

1.6 Confidentiality

According to section 17 of the Statistics Act, 1999 (Act No. 6 of 1999), completed questionnaires remain confidential to Statistics South Africa (Stats SA). Individual business information is never disclosed. Results are presented in aggregated form only.

1.7 Reporting unit

The statistical unit for the collection of information is an enterprise. An enterprise is a legal unit (or a combination of legal units) that includes and directly controls all functions necessary to carry out its activities. Each industry is classified to an industry that reflects its predominant activity.

2. Summary of findings

2.1 Income

Table A – Income in the forestry, logging and related services industry, 2015 – 2019

Type of service	2015		2017		2019	
	R million	% contribution	R million	% contribution	R million	% contribution
Forestry and related services	16 901	95,7	23 585	96,4	23 443	93,1
Logging and related services	763	4,3	879	3,6	1 724	6,9
Total	17 664	100,0	24 464	100,0	25 167	100,0

The total income for the forestry, logging and related services industry in 2019 was R25,2 billion. The total income represents an increase of 1,4% per annum over the income reported in the corresponding survey of 2017 (R24,5 billion). Comparing 2017 and 2019, a decrease was reported for 'forestry and related services' (-R142 million).

Table B – Concentration ratio for total income in the forestry, logging and related services industry, 2015 – 2019

Concentration ratio	2015	2017	2019
	%		
CR5	69,6	66,4	65,9
CR10	78,8	75,8	74,3
CR20	83,5	81,3	79,9
CR50	89,6	87,6	86,1
CR100	94,5	92,7	92,2

In 2019, the top 100 enterprises in the forestry, logging and related services industry contributed 92,2% of the total income. The highest concentration ratio of the top 100 (CR100) in the three periods was 94,5% in 2015. The concentration ratios of the top 5, 10, 20, 50 and 100 enterprises were lowest in 2019 at 65,9%, 74,3%, 79,9%, 86,1% and 92,2% respectively.

Table C – Profit margin in the forestry, logging and related services industry, 2015 – 2019

Type of service	Turnover			Net profit after tax			Profit margins		
	2015	2017	2019	2015	2017	2019	2015	2017	2019
	R million						%		
Forestry and related services	14 875	19 313	20 012	1 776	3 146	1 611	11,9	16,3	8,1
Logging and related services	728	840	1 661	46	35	47	6,3	4,2	2,8
Total	15 603	20 153	21 673	1 822	3 181	1 658	11,7	15,8	7,7

In 2019, the profit margin in the forestry, logging and related services industry decreased to 7,7% in 2019 from 15,8% in 2017. This was driven by 'forestry and related services', which decreased to 8,1% from 16,3% over the same period.

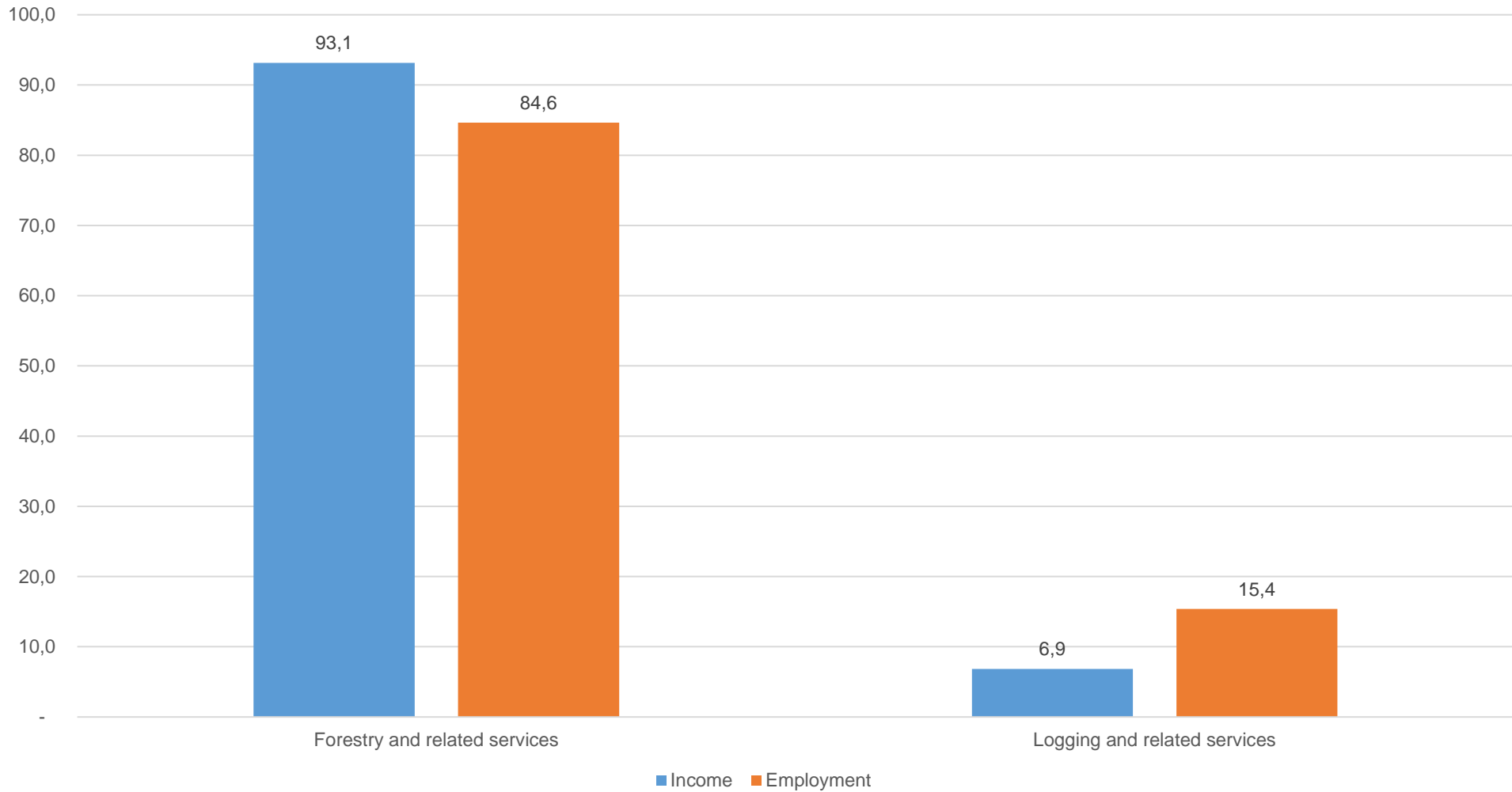
2.2 Employment

Table D – Employment as at the end of June in the forestry, logging and related services industry, 2015 – 2019

Type of service	2015		2017		2019	
	Number	% contribution	Number	% contribution	Number	% contribution
Forestry and related services	33 470	89,5	34 287	88,4	31 070	84,6
Logging and related services	3 926	10,5	4 484	11,6	5 643	15,4
Total	37 396	100,0	38 771	100,0	36 713	100,0

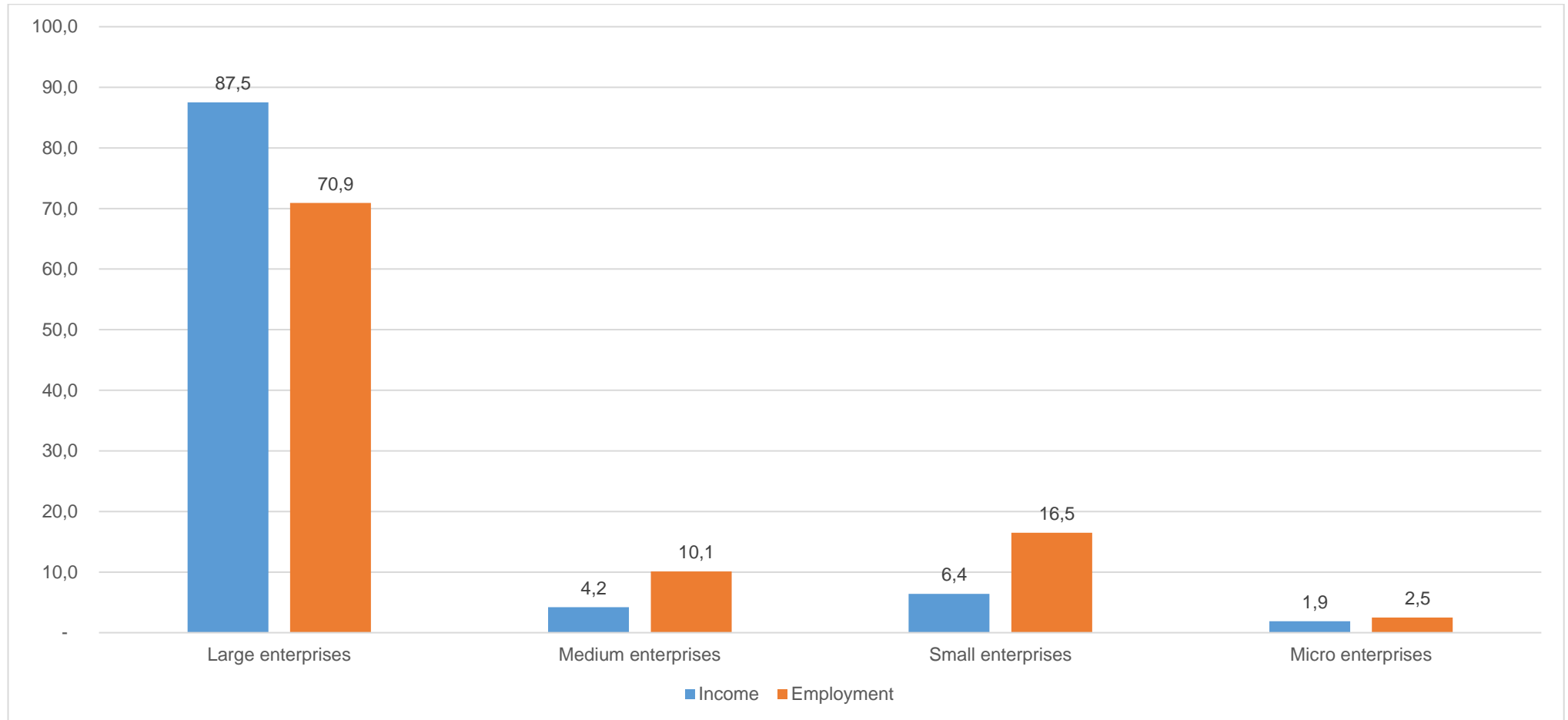
The total number of persons employed in the forestry, logging and related services industry as at the end of June 2019 was 36 713. 'Forestry and related services' employed the largest number of persons (31 070 or 84,6%).

Figure 1 – Income and employment by type of service (% contribution) in the forestry, logging and related services industry, 2019



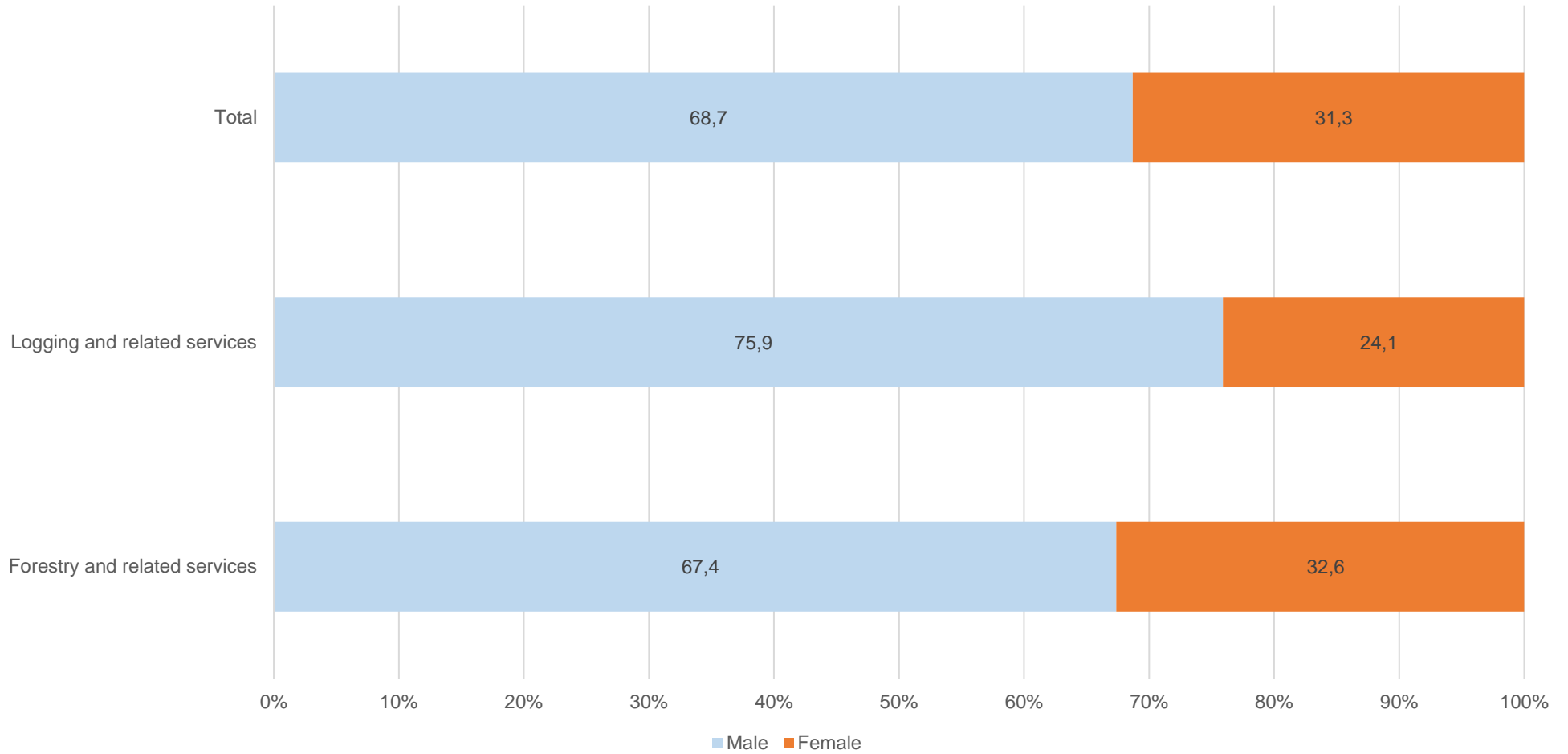
The type of service with the highest proportion of employment compared with its proportion of income was 'logging and related services' (contributing 15,4% of employment and 6,9% of income). 'Forestry and related services' contributed 84,6% to employment in the forestry, logging and related services industry in 2019, while its contribution to total income was 93,1%.

Figure 2 – Income and employment by enterprise size (% contribution) in the forestry, logging and related services industry, 2019



The enterprise size group with the highest proportion of employment compared with its proportion of income was 'small enterprises' (contributing 16,5% of employment and 6,4% of income). 'Large enterprises' contributed 70,9% to employment in the forestry, logging and related services industry in 2019, while its contribution to total income was 87,5%.

Figure 3 – Gender ratios in the forestry, logging and related services industry, 2019



The proportion of females out of the total persons employed was 31,3%. The sector with the highest proportion of females employed was 'forestry and related services' (32,6%), while 'logging and related services' had the highest proportion of males employed (75,9%).

Table E – Average salaries and wages in the forestry, logging and related services industry, 2015 – 2019

Type of service	2015			2017			2019		
	Salaries and wages	Total employees	Average salaries and wages	Salaries and wages	Total employees	Average salaries and wages	Salaries and wages	Total employees	Average salaries and wages
	R million	Number	Rands	R million	Number	Rands	R million	Number	Rands
Forestry and related services	2 986	33 470	89 214	3 685	34 287	107 475	3 749	31 070	120 663
Logging and related services	198	3 926	50 433	266	4 484	59 322	398	5 643	70 530
Total	3 184	37 396	85 143	3 951	38 771	101 906	4 147	36 713	112 957

The average value of salaries and wages in the forestry, logging and related services industry in 2019 was R112 957. The type of service with the highest average salaries and wages in 2019 was 'forestry and related services' (R120 663).

2.3 Capital expenditure on new assets

Table F – Capital expenditure on new assets in the forestry, logging and related services industry, 2015 – 2019

Type of service	2015		2017		2019	
	R million	% contribution	R million	% contribution	R million	% contribution
Forestry and related services	1 133	92,2	2 004	96,4	1 749	89,7
Logging and related services	96	7,8	75	3,6	200	10,3
Total	1 229	100,0	2 079	100,0	1 949	100,0

The capital expenditure on new assets in 2019 (R1,9 billion) represents a decrease of 3,2% per annum over the expenditure reported in the corresponding survey of 2017 (R2,1 billion). Comparing 2017 and 2019, 'logging and related services' increased (+R125 million) but 'forestry and related services' decreased (-R 255 million).

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Statistician-General

3. Tables

Table 1 – Principal statistics in the forestry, logging and related services industry, 2017 and 2019

Year	Total income	Total current expenditure	Total value of opening inventory	Total value of closing inventory	Net profit before tax	Carrying value of assets at the beginning of the financial year	Carrying value of assets at the end of the financial year	Capital expenditure on assets	Number of employees
	R'000								
2017 ¹	24 464 204	20 333 440	1 411 367	1 660 857	4 391 749	9 770 163	10 646 126	2 078 987	38 771
2019 ²	25 167 414	22 991 315	1 850 931	1 902 361	2 227 529	10 413 158	10 908 845	1 949 389	36 713
Annualised % change	1,4	6,3	14,5	7,0	-28,8	3,2	1,2	-3,2	-2,7

¹ Revised figures.² Preliminary figures.Table 2 – Principal statistics in the forestry, logging and related services industry, 2019²

Type of activity	Total income	Total current expenditure	Total value of opening inventory	Total value of closing inventory	Net profit before tax	Carrying value of assets at the beginning of the financial year	Carrying value of assets at the end of the financial year	Capital expenditure on assets	Number of employees
	R'000								
Forestry and related services	23 443 318	21 336 318	1 839 314	1 890 353	2 158 039	9 882 573	10 369 729	1 749 710	31 070
Logging and related services	1 724 096	1 654 997	11 617	12 008	69 490	530 585	539 116	199 679	5 643
Total	25 167 414	22 991 315	1 850 931	1 902 361	2 227 529	10 413 158	10 908 845	1 949 389	36 713

² Preliminary figures.

Table 3 – Profit margin in the forestry, logging and related services industry, 2017 and 2019

Type of activity	Net profit after tax		Turnover		Profit margins	
	2017 ¹	2019 ²	2017 ¹	2019 ²	2017 ¹	2019 ²
	R'000					
Forestry and related services	3 146 449	1 611 021	19 313 421	20 011 946	16,3	8,1
Logging and related services	35 101	47 006	840 044	1 661 361	4,2	2,8
Total	3 181 550	1 658 027	20 153 465	21 673 307	15,8	7,7

¹ Revised figures.² Preliminary figures.**Table 4 – Income in the forestry, logging and related services industry, 2017 and 2019**

Item	2017 ¹		2019 ²		Annualised % change
	R'000	% contribution	R'000	% contribution	
Sales of goods	16 719 891	68,3	17 818 690	70,8	3,2
Services rendered	3 352 613	13,7	3 775 840	15,0	6,1
Profit on financial and other assets	2 616 300	10,7	1 700 804	6,8	-19,4
Other income	1 775 400	7,3	1 872 080	7,4	2,7
Total income	24 464 204	100,0	25 167 414	100,0	1,4

¹ Revised figures.² Preliminary figures.

Table 5 – Income by size groups in the forestry, logging and related services industry, 2019²

Type of activity	Large enterprises	Medium enterprises	Small enterprises	Micro enterprises	Total
	R'000				
Forestry and related services	20 740 950	837 155	1 408 779	456 434	23 443 318
Logging and related services	1 285 598	226 414	200 220	11 864	1 724 096
Total	22 026 548	1 063 569	1 608 999	468 298	25 167 414

² Preliminary figures.**Table 6 – Inventory in the forestry, logging and related services industry, 2017 and 2019**

Items	2017 ¹	2019 ²	Annualised % change
	R'000		
Total value of opening inventory	1 411 367	1 850 931	14,5
Raw material or material for processing, packaging materials, fuel and maintenance stores (e.g. spares)	728 220	992 093	16,7
Work in progress	371 669	278 739	-13,4
Finished goods produced by the enterprise	306 239	479 401	25,1
Finished goods not produced by the enterprise, but purchased for resale	5 239	100 698	338,4
Total value of closing inventory	1 660 857	1 902 361	7,0
Raw material or material for processing, packaging materials, fuel and maintenance stores (e.g. spares)	862 166	1 014 510	8,5
Work in progress	379 279	180 209	-31,1
Finished goods produced by the enterprise	409 804	614 961	22,5
Finished good not produced by the enterprise, but purchased for resale	9 607	92 681	210,6

¹ Revised figures.² Preliminary figures.

Table 7 – Expenditure in the forestry, logging and related services industry, 2017 and 2019

Item	2017 ¹		2019 ²		Annualised % change
	R'000	% contribution	R'000	% contribution	
Purchases	7 258 322	35,7	9 026 181	39,3	11,5
Salaries, wages and bonuses	3 950 850	19,4	4 147 468	18,0	2,5
Payment to subcontractors	1 079 002	5,3	951 545	4,1	-6,1
Depreciation and amortisation provided for during the financial year	1 098 443	5,4	1 080 733	4,7	-0,8
Losses on financial and other assets	48 386	0,2	395 988	1,7	186,1
Interest paid	596 320	2,9	552 823	2,4	-3,7
Management and administrative fees	219 217	1,1	222 607	1,0	0,8
Motor vehicle running expenditure	316 017	1,6	273 518	1,2	-7,0
Repair and maintenance	687 178	3,4	1 089 749	4,7	25,9
Railage and transport-out	1 667 848	8,2	1 498 943	6,5	-5,2
Other expenditure	3 292 158	16,8	3 751 760	16,3	4,9
Total expenditure	20 333 440	100,0	22 991 315	100,0	6,3

¹ Revised figures.² Preliminary figures.

Table 8 – Details of assets in the forestry, logging and related services industry, 2017 and 2019

Item	2017 ¹		2019 ²		Annualised % change
	R'000	% contribution	R'000	% contribution	
Total non-current assets	27 964 523	80,8	29 854 885	77,3	3,3
Property, plant and equipment and intangible assets, excluding goodwill	10 608 100	30,6	10 885 308	28,2	1,3
Goodwill	9 676	0,0	23 537	0,1	56,0
Long-term investments	1 763 871	5,1	1 702 295	4,4	-1,8
Other non-current assets	15 582 876	45,0	17 243 746	44,6	5,2
Total current assets	6 661 723	19,2	8 771 911	22,7	14,8
Trade and other receivables	2 825 018	8,2	4 225 326	11,0	22,3
Cash and bank	639 246	1,8	734 608	1,9	7,2
Inventory	1 612 558	4,7	1 867 762	4,8	7,6
Other current assets	1 584 901	4,6	1 944 215	5,0	10,8
Total assets	34 626 246	100,0	38 626 796	100,0	5,6

¹ Revised figures.² Preliminary figures.**Table 9 – Equity and liabilities in the forestry, logging and related services industry, 2017 and 2019**

Item	2017 ¹		2019 ²		Annualised % change
	R'000	% contribution	R'000	% contribution	
Equity, including minority interest	17 922 720	51,8	21 414 859	55,4	9,3
Total non-current liabilities	11 451 197	33,0	10 952 837	28,4	-2,2
Long-term liabilities	4 509 557	13,0	3 970 441	10,3	-6,2
Other non-current liabilities	6 941 640	20,0	6 982 396	18,1	0,3
Total current liabilities	5 252 328	15,2	6 259 100	16,2	9,2
Trade and other payables	2 557 105	7,4	3 515 078	9,1	17,2
Bank overdraft	1 528 155	4,4	353 764	0,9	-51,9
Other current liabilities	1 167 069	3,4	2 390 258	6,2	43,1
Total equity and liabilities	34 626 246	100,0	38 626 796	100,0	5,6

¹ Revised figures.² Preliminary figures.

Table 10 – Carrying value (book value) of assets, at the end of the financial year, in the forestry, logging and related services industry, 2017 and 2019

Item	2017 ¹		2019 ²		Annualised % change
	R'000	% contribution	R'000	% contribution	
Land, buildings and construction works	3 581 413	33,6	3 006 414	27,6	-8,4
Computers and IT equipment	19 661	0,2	19 063	0,2	-1,5
Motor vehicles and other transport equipment	761 283	7,2	1 136 575	10,4	22,2
Plant, machinery, tractors, furniture and other office equipment	6 174 006	58,0	6 603 602	60,5	3,4
Intangible non-produced assets (e.g. goodwill, patent rights, quota rights)	9 762	0,1	4 677	0,0	-30,8
Other assets	100 001	0,9	138 514	1,3	17,7
Total	10 646 126	100,0	10 908 845	100,0	1,2

¹ Revised figures.² Preliminary figures.**Table 11 – Capital expenditure on new assets in forestry, logging and related services industry, 2017 and 2019**

Item	2017 ¹		2019 ²		Annualised % change
	R'000	% contribution	R'000	% contribution	
Land, buildings and construction works	1 210 446	58,2	1 309 084	67,2	4,0
Computers and IT equipment	7 938	0,4	7 137	0,4	-5,2
Motor vehicles and other transport equipment	291 295	14,0	270 037	13,9	-3,7
Plant, machinery, tractors, furniture and other office equipment	566 458	27,2	330 040	16,9	-23,7
Other assets	2 850	0,1	33 091	1,7	240,7
Total capital expenditure	2 078 987	100,0	1 949 389	100,0	-3,2

¹ Revised figures.² Preliminary figures.

Table 12 – Number of employees in the forestry, logging and related services industry, 2017 and 2019

Type of employment	Male employees		Female employees		Total employees		Annualised % change
	2017 ¹	2019 ²	2017 ¹	2019 ²	2017 ¹	2019 ²	
Permanent and working proprietors (paid and non-paid)	23 996	22 456	11 463	10 588	35 459	33 044	-3,5
Temporary and casual/seasonal	2 341	2 780	971	889	3 312	3 669	5,3
Total	26 337	25 236	12 434	11 477	38 771	36 713	-2,7

¹ Revised figures.² Preliminary figures.**Table 13 – Details of employees, by type of activity, in the forestry, logging and related services industry, as at 30 June 2019²**

Type of activity	Permanent and working proprietors (paid and non-paid)	Temporary and casual/seasonal	Total
	Number		
Forestry and related services	28 271	2 799	31 070
Logging and related services	4 773	870	5 643
Total	33 044	3 669	36 713

² Preliminary figures.**Table 14 – Employment, by enterprise size, in the forestry, logging and related services industry, as at 30 June 2019²**

Type of activity	Large enterprises	Medium enterprises	Small enterprises	Micro enterprises	Total enterprises
	Number of employees				
Forestry and related services	22 331	2 891	4 938	910	31 070
Logging and related services	3 698	812	1 110	23	5 643
Total	26 029	3 703	6 048	933	36 713

² Preliminary figures.

Table 15 – Details of sales of wood and unprocessed products in the forestry, logging and related services industry, 2017 and 2019

Item	2017 ¹			2019 ²			Annualised % change
	Tons	R'000	% contribution	Tons	R'000	% contribution	
Pine							
Saw logs	2 111 459	1 335 083	8,0	1 872 511	1 316 799	7,4	-0,7
Pulpwood	767 013	470 099	2,8	819 437	589 177	3,3	12,0
Other uses		375 399	2,3		217 771	1,2	-23,8
Total income received from sales of pine	3 496 589	2 180 582	13,1	2 896 666	2 123 747	11,9	-1,3
Other soft wood							
Other uses		66 373	0,4		77 624	0,4	8,1
Total income received from sales of other soft wood	47 171	66 373	0,4	113 926	77 624	0,4	8,1

¹ Revised figures.² Preliminary figures.

Table 15 – Details of sales of wood and unprocessed products in the forestry, logging and related services industry, 2017 and 2019 (continued)

Item	2017 ¹			2019 ²			Annualised % change
	Tons	R'000	% contribution	Tons	R'000	% contribution	
Eucalyptus							
Saw logs	463 207	345 690	2,1	575 014	334 988	1,9	-1,6
Pulpwood	2 744 476	2 003 930	12,0	3 334 968	2 132 224	12,0	3,2
Other uses		314 748	1,9		241 928	1,4	-12,3
Total income received from sales of eucalyptus	3 900 247	2 664 368	16,0	4 102 747	2 709 139	15,2	0,8
Wattle							
Pulpwood	402 008	278 876	1,7	471 941	386 061	2,2	17,7
Other uses		113 254	0,7		127 424	0,7	6,1
Total income received from sales of wattle	491 933	392 130	2,4	630 582	513 485	2,9	14,4
Other hardwood timber							
Other uses		9 526	0,1		7 394	0,0	-11,9
Total income received from sales of other hardwood	14 923	9 526	0,1	11 150	7 394	0,0	-11,9

¹ Revised figures.² Preliminary figures.

Table 15 – Details of sales of wood and unprocessed products in the forestry, logging and related services industry, 2017 and 2019 (concluded)

Item	2017 ¹		2019 ²		Annualised % change
	R'000	% contribution	R'000	% contribution	
Processed timber (sawmill products)					
Wood, sawn or chipped lengthwise, sliced or peeled, of a thickness exceeding 6 mm, not treated (sawn wood products: poles, railway, sleepers, logs)	2 389 950	14,3	2 629 354	14,7	4,9
Wood continuously shaped along any of its edges or faces; planed, tongued, grooved, rebated, chamfered or the like, but not further processed	165 959	1,0	168 236	0,9	0,7
Wood pulp	2 672 986	16,0	3 015 427	16,9	6,2
Veneer sheets, sheets for plywood, other wood sawn lengthwise, sliced or peeled, of a thickness not exceeding 6 mm and densified wood	375 265	2,3	377 983	2,1	0,4
Other timber products (e.g. paper)	4 191 733	25,1	4 737 351	26,6	6,3
Total income received from sales of sawmill products	9 795 892	58,8	10 928 351	61,3	5,6
Other sales	1 369 015	8,2	1 481 887	8,3	4,0
Total sales	16 671 076	100,0	17 841 628	100,0	3,5

¹ Revised figures.² Preliminary figures.

Table 16 – Details of income from services rendered in the forestry, logging and related services industry, 2017 and 2019

Type of service	2017 ¹		2019 ²		Annualised % change
	R'000	% contribution	R'000	% contribution	
Reforestation services (re-establishment services)	71 437	2,2	85 567	2,3	9,4
Maintenance (e.g. weeding , pruning)	128 958	3,9	79 738	2,1	-21,4
Firefighting and protection services	828 636	25,1	971 247	25,9	8,3
Tree cutting and felling	1 448 417	43,8	1 770 961	47,2	10,6
Forestry tree nurseries services	41 590	1,3	45 280	1,2	4,3
Transportation	526 529	15,9	565 650	15,1	3,6
Forestry management services	150 333	4,5	180 592	4,8	9,6
Other forestry related services	110 537	3,3	54 335	1,4	-29,9
Total income from services rendered	3 306 437	100,0	3 753 370	100,0	6,5

¹ Revised figures.

² Preliminary figures.

Table 17 – Details of purchases in the forestry, logging and related services industry, 2017 and 2019

Type of purchase	2017 ¹		2019 ²		Annualised % change
	R'000	% contribution	R'000	% contribution	
Fuel and lubricants (e.g. oils and greases)	3 296 275	45,5	4 686 783	52,0	19,2
Seeds, seedlings, cuttings and other plant material for plantations and crops	514 046	7,1	489 155	5,4	-2,5
Remedies and chemicals for combating diseases and pests	248 566	3,4	290 990	3,2	8,2
Timber	1 403 074	19,3	1 421 737	15,8	0,7
Consumables	509 455	7,0	578 554	6,4	6,6
Other purchases and transfers-in of goods and materials	1 286 906	17,7	1 554 680	17,2	9,9
Total purchases and transfers-in of goods and materials	7 258 322	100,0	9 021 899	100,0	11,5

¹ Revised figures.² Preliminary figures.**Table 18 – Proportion of enterprises which suffered losses due to crime, pests, diseases and natural disasters in the forestry, logging and related services industry, 2017 and 2019**

Type of losses	2017 ¹	2019 ²
	%	
Timber theft	13,8	14,7
Equipment theft	10,9	10,6
Other crime	8,0	8,5
Pests and diseases	9,9	10,9
Forest fires	10,3	11,6
Drought	11,0	7,1
Hail	3,9	6,5
Black frost	4,7	5,5
Other natural disasters (e.g. storm, floods, landslides, etc.)	2,8	4,1
Other losses	4,1	3,2

¹ Revised figures.² Preliminary figures.

Table 19 – Details of geographical distribution of gross income, employment and employment cost by province, in the forestry, logging and related services industry, 2017¹

Province	Sales and services		Employees		Salaries and wages	
	R'000	% contribution	Number	% contribution	R'000	% contribution
Western Cape	825 445	4,1	1 955	5,0	186 680	4,7
KwaZulu-Natal	12 280 835	61,2	16 104	41,5	2 084 803	52,8
Mpumalanga	6 058 148	30,2	14 116	36,4	1 277 729	32,3
Limpopo	694 266	3,5	2 960	7,6	234 035	5,9
Rest of South Africa	213 810	1,1	3 636	9,4	167 603	4,2
Total	20 072 504	100,0	38 771	100,0	3 950 850	100,0

¹ Revised figures.**Table 20 – Details of geographical distribution of gross income, employment and employment cost by province, in the forestry, logging and related services industry, 2019²**

Province	Sales and services		Employees		Salaries and wages	
	R'000	% contribution	Number	% contribution	R'000	% contribution
Western Cape	677 511	3,1	3 270	8,9	275 777	6,6
KwaZulu-Natal	14 070 929	65,2	14 179	38,6	2 157 899	52,0
Mpumalanga	5 573 946	25,8	12 707	34,6	1 204 778	29,0
Limpopo	937 390	4,3	4 226	11,5	316 604	7,6
Rest of South Africa	334 754	1,6	2 331	6,3	192 410	4,6
Total	21 594 530	100,0	36 713	100,0	4 147 468	100,0

² Preliminary figures.

Explanatory notes

Background	<p>The results presented in this publication have been derived from the 2017 and 2019 forestry, logging and related services industry censuses. This is an annual survey of enterprises operating in the forestry, logging and related services industry.</p> <p>The list of enterprises was drawn from Stats SA's business register (BR). Stats SA continuously updates its business register, based on the units registered for value added tax (VAT).</p> <p>All figures exclude value added tax (VAT).</p>
Reference period	The information was collected from enterprises for their financial year ending on any date between 1 July 2018 and 30 June 2019.
Purpose of the survey	Results of survey are used within stats SA for benchmarking national accounts (e.g. the gross domestic product (GDP)) and compiling supply-use tables. These statistics are also used by government to develop and monitor policies and plans to grow the economy and create jobs. The private sector uses the data to analyse comparative businesses.
Classification by industry	The 1993 edition of the <i>Standard Industrial Classification of All Economic Activities</i> (SIC), Fifth Edition, Report No. 09-09-02, was used to classify the statistical units in the survey. The SIC is based on the 1990 <i>International Standard Industrial Classification of All Economic Activities</i> (ISIC) with suitable adaptations for local conditions. Statistics in this publication are presented at 3-digit SIC level (major group). Each enterprise is classified to an industry which reflects its predominant activity.
Statistical unit	The statistical unit for the collection of the information is an enterprise. An enterprise is a legal unit (or a combination of legal units) that includes and directly controls all functions necessary to carry out its activities.
Stratum	A stratum is constructed by concatenating the SIC classification and size group variables.
Size groups	The enterprises are divided into four size groups according to the value of turnover recorded for them on the Stats SA business register. Large enterprises are those with an annual recorded turnover of R30,0 million and above. Table 21 presents the size groups defined using the Department of Trade, Industry and Competition (DTIC) cut-off points multiplied by four.

Table 21 – Size groups for the forestry, logging and related services industry

Size Group	VAT Turnover
1	Turnover \geq R30 000 000
2	R 18 000 000 \leq turnover $<$ R30 000 000
3	R3 000 000 \leq turnover $<$ R18 000 000
4	Turnover $<$ R3 000 000

Survey methodology and design	<p>The census of enterprises in forestry, logging and related services was conducted by email, telephone and personal visits.</p> <p>The enterprises were first stratified at 3-digit level according to the SIC and then by size of enterprise. Turnover as recorded on the business register was used as the measure of size for stratification.</p>
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Collection rate	Collection rate = ((collected units + finalised investigations) / sample size) x 100. The collection rate was 74,1%.
Turnover collection rate	Turnover collection rate = ((weighted collected units BR turnover + weighted finalised investigations BR turnover) / population turnover) x 100. The turnover collection rate was 96,8%.
Revisions to 2017 results	Revisions were made to previous results due to editing and new information obtained after publication.
Non-sampling errors	Inaccuracies may occur because of imperfections in reporting by enterprises and errors made in the collection and processing of the data. Inaccuracies of this kind are referred to as non-sampling errors. Every effort is made to minimise non-sampling errors by careful design of questionnaires, testing them in pilot studies, editing reported data and implementing efficient operating procedures. Non-sampling errors occur in both sample surveys and censuses.
Rounding-off of figures	The figures in the tables have, where necessary, been rounded off to the nearest final digit shown. There may therefore be slight discrepancies between the sums of the constituent items and the totals shown.
Symbols and abbreviations	<p>DTIC Department of Trade, Industry and Competition</p> <p>GDP Gross domestic product</p> <p>ISIC International Standard Industrial Classification of All Economic Activities</p> <p>IT Income tax</p> <p>SARS South African Revenue Service</p> <p>BR Business register</p> <p>SIC Standard Industrial Classification of all Economic Activities</p> <p>SNA System of National Accounts</p> <p>Stats SA Statistics South Africa</p> <p>VAT Value added tax</p> <p>0 Nil or less than half the final digit shown</p>

Glossary

Current assets	<p>These are assets that can be converted into cash within 12 months. They include:</p> <ul style="list-style-type: none">• Trade and other receivables;• Cash and bank;• Inventory, excluding biological assets; and• Other current assets.
Current liabilities	<p>These are debts or obligations that are due within 12 months. They include:</p> <ul style="list-style-type: none">• Trade and other payables;• Bank overdraft; and• Other current liabilities.
Casual employees	<p>Employees who fall neither within the 'permanent employees' category nor the 'temporary employees' category. Such employees are typically working daily or hourly.</p>
Employees	<p>People who are employed by the enterprise who received payment (in salaries, wages, commission, piece rates or payments in kind) for any part of the reference period (excluding independent contractors).</p>
Equity	<p>Residual interest in the enterprise's assets after deducting its liabilities.</p>
Non-current assets	<p>Assets not expected to be converted into cash, sold or exchanged within the normal 12-month operating cycle of the enterprise. They include:</p> <ul style="list-style-type: none">• Property, plant and equipment and intangible assets;• Long-term investments; and• Other non-current assets.
Non-current liabilities	<p>Liabilities that are not required to be paid within 12 months. They include:</p> <ul style="list-style-type: none">• Long-term loans; and• Other non-current liabilities.

Other expenditure

Other expenditure includes:

- accounting and/or auditing fees;
- advertising and marketing expenses;
- bank charges;
- consulting fees;
- import and export costs;
- insurance premiums;
- membership or affiliation costs;
- research and development costs;
- security services;
- storage costs;
- information and communication technology services;
- electricity, property rates and water costs; and
- other expenditure.

Other income

Other income includes:

- rental, leasing and hiring income;
- interest received;
- dividends;
- rebates; and
- other income.

Permanent employees

Employees appointed on an open-ended contract with no stipulated termination date or a fixed-term contract for periods of more than one year.

Temporary employees

Temporary employees are employees appointed on a short-term contract basis with a stipulated termination date for periods not exceeding one year.

Turnover

Turnover includes:

- value of sales of goods;
- amount received for services rendered; and
- income from rental, leasing and hiring.

