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## 1. Introduction

This publication presents estimates in respect of the 2020 forestry, logging and related services industry survey. 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 2019 (Report No. 12-00-00 (2019)).

### 1.1 Scope and coverage

The 2020 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 2019 and 30 June 2020**, according to the usual reporting schedule of the enterprise.

#### *For example, (2020)*

- 1 October 2018 – 30 September 2019
- 1 January 2019 – 31 December 2019
- 1 February 2019 – 31 January 2020
- 1 March 2019 – 29 February 2020
- 1 July 2019 – 30 June 2020

### 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, 2017–2020**

Type of service	2017		2019		2020	
	R million	% contribution	R million	% contribution	R million	% contribution
Forestry and related services	23 585	96,4	22 416	92,8	21 175	91,1
Logging and related services	879	3,6	1 748	7,2	2 078	8,9
<b>Total</b>	<b>24 464</b>	<b>100,0</b>	<b>24 164</b>	<b>100,0</b>	<b>23 253</b>	<b>100,0</b>

The total income in the forestry, logging and related services industry in 2020 was R23,3 billion. The figure represents a decrease of 3,8% over the income reported in the corresponding survey of 2019 (R24,2 billion). Comparing 2019 and 2020, a decrease was reported for 'forestry and related services' (-R1,2 billion) while 'logging and related services' increased by R0,3 billion.

**Table B – Concentration ratio for total income in the forestry, logging and related services industry, 2017–2020**

Concentration ratio	2017	2019	2020
	%		
CR5	66,4	64,6	60,6
CR10	75,8	73,5	70,7
CR20	81,3	79,2	76,9
CR50	87,6	85,7	84,0
CR100	92,7	92,0	91,0

In 2020, the top 5 enterprises in the forestry, logging and related services industry contributed 60,6% of the total income. The highest concentration ratio of the top 5 (CR5) in the three periods was 66,4% in 2017. The concentration ratios of the top 5, 10, 20, 50 and 100 enterprises were lowest in 2020 at 60,6%, 70,7%, 76,9%, 84,0% and 91,0% respectively.

**Table C – Profit margin in the forestry, logging and related services industry, 2017–2020**

Type of service	Turnover			Net profit after tax			Profit margins		
	2017	2019	2020	2017	2019	2020	2017	2019	2020
	R million						%		
Forestry and related services	19 313	19 998	18 529	3 146	1 539	1 156	16,3	7,7	6,2
Logging and related services	840	1 684	2 026	35	48	89	4,2	2,8	4,4
<b>Total</b>	<b>20 153</b>	<b>21 682</b>	<b>20 555</b>	<b>3 181</b>	<b>1 586</b>	<b>1 245</b>	<b>15,8</b>	<b>7,3</b>	<b>6,1</b>

In 2020, the profit margin in the forestry, logging and related services industry was 6,1%, which was the lowest margin recorded in the three surveys shown in Table C.

## 2.2 Employment

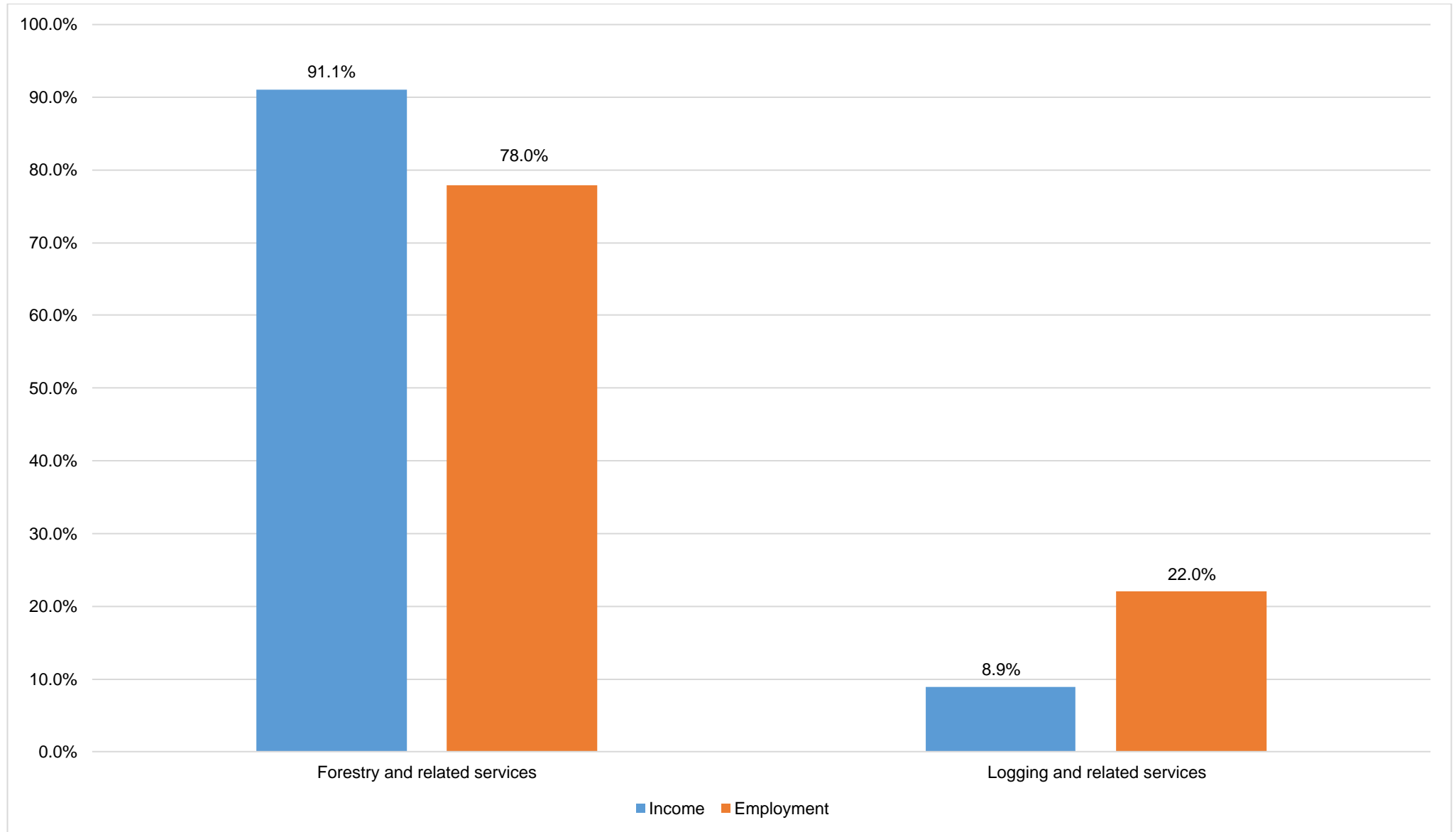
**Table D – Employment for the last pay period ended on or before 30 June in the forestry, logging and related services industry, 2017–2020**

Type of service	2017		2019		2020	
	Number	% contribution	Number	% contribution	Number	% contribution
Forestry and related services	34 287	88,4	31 054	84,5	28 736	78,0
Logging and related services	4 484	11,6	5 713	15,5	8 125	22,0
<b>Total</b>	<b>38 771</b>	<b>100,0</b>	<b>36 767</b>	<b>100,0</b>	<b>36 861</b>	<b>100,0</b>

The total number of persons employed in the forestry, logging and related services industry as at the end of June 2020 was 36 861. 'Forestry and related services' employed the largest number of persons (28 736 or 78,0%).

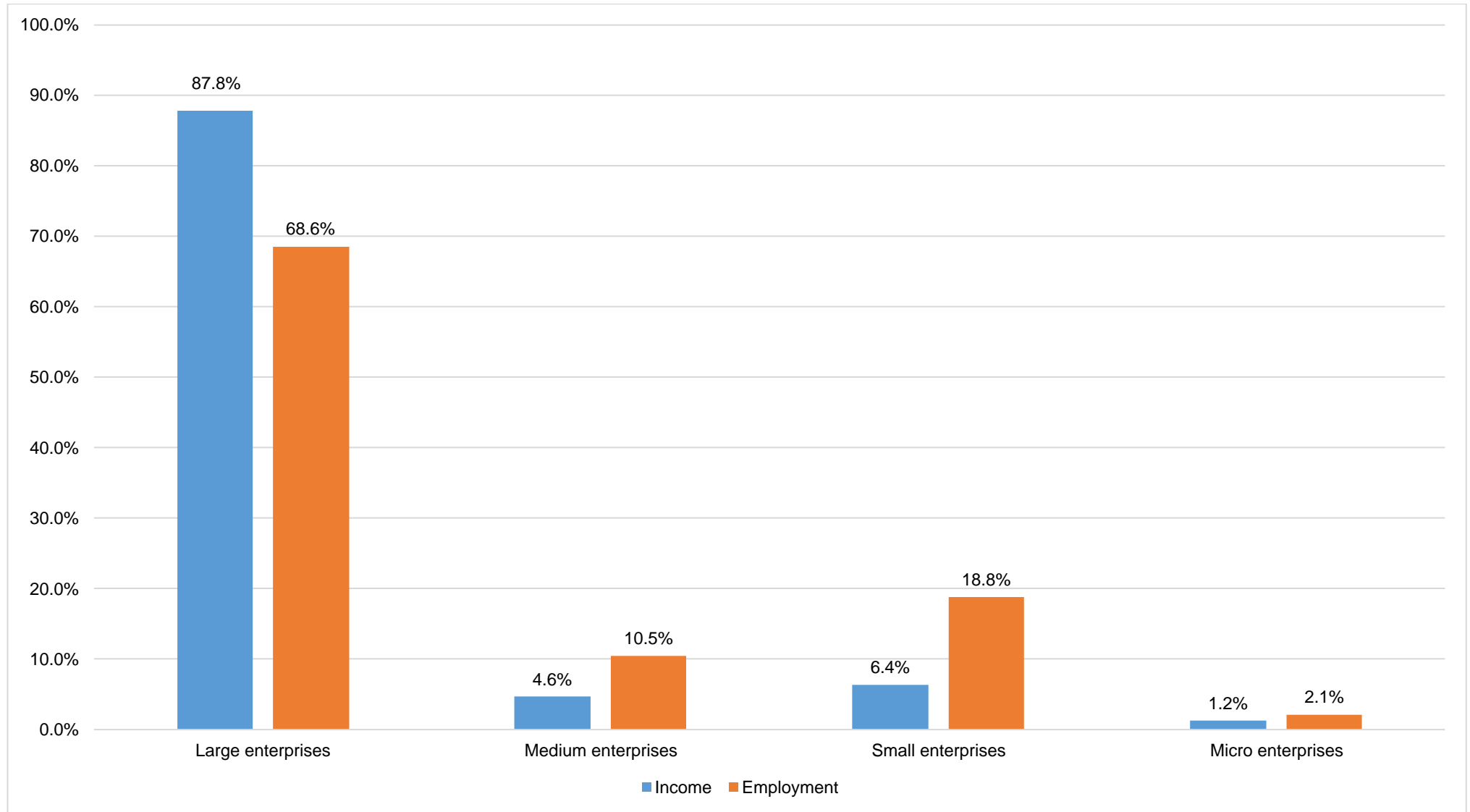


**Figure 1 – Income and employment by type of service (% contribution) in the forestry, logging and related services industry, 2020**



The type of service with the highest proportion of employment compared with its proportion of income was 'logging and related services' (contributing 22,0% of employment and 8,9% of income). 'Forestry and related services' contributed 78,0% to employment in the forestry, logging and related services industry in 2020, while its contribution to total income was 91,1%.

**Figure 2 – Income and employment by enterprise size (% contribution) in the forestry, logging and related services industry, 2020**



Small, medium and micro enterprises (SMMEs) had the highest proportion of employment compared with their proportion of income (contributing 31,4% of employment and 12,2% of income). 'Large enterprises' contributed 68,6% to employment in the forestry, logging and related services industry in 2020, while their contribution to total income was 87,8%.

**Table E – Gender ratios in the forestry, logging and related services industry, 2017–2020**

Type of employment	Male employees			Female employees		
	2017	2019	2020	2017	2019	2020
	%			%		
Forestry and related services	66,9%	67,4	65,7	33,1%	32,6	34,3
Logging and related services	76,4%	75,9	75,7	23,6%	24,1	24,3
<b>Total</b>	<b>68,0%</b>	<b>68,7</b>	<b>67,9</b>	<b>32,0%</b>	<b>31,3</b>	<b>32,1</b>

The proportion of females out of the total persons employed in 2020 was 32,1%. The sector with the highest proportion of females employed in 2020 was 'forestry and related services' (34,3%), while 'logging and related services' had the highest proportion of males employed (75,7%).

**Table F – Average salaries and wages in the forestry, logging and related services industry, 2017–2020**

Type of service	2017			2019			2020		
	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	3 685	34 287	107 475	3 760	31 053	121 083	3 789	28 736	131 856
Logging and related services	266	4 484	59 322	403	5 713	70 541	642	8 125	79 015
<b>Total</b>	<b>3 951</b>	<b>38 771</b>	<b>101 906</b>	<b>4 163</b>	<b>36 767</b>	<b>113 227</b>	<b>4 432</b>	<b>36 861</b>	<b>120 235</b>

The average value of salaries and wages in the forestry, logging and related services industry in 2020 was R120 230, representing an increase of 6,2% compared with 2019. In 2020, 'forestry and related services' reported the highest average salaries and wages (R131 856). However, 'logging and related services' reported the highest increase (12,0%).

**2.3 Capital expenditure on new assets****Table G – Capital expenditure on new assets in the forestry, logging and related services industry, 2017–2020**

Type of service	2017		2019		2020	
	R million	% contribution	R million	% contribution	R million	% contribution
Forestry and related services	2 004	96,4	1 743	89,6	1 376	86,3
Logging and related services	75	3,6	202	10,4	218	13,7
<b>Total</b>	<b>2 079</b>	<b>100,0</b>	<b>1 945</b>	<b>100,0</b>	<b>1 594</b>	<b>100,0</b>

The capital expenditure on new assets in 2020 (R1,6 billion) represents a decrease of 18,0% compared with the expenditure reported in the corresponding survey of 2019 (R1,9 billion). Comparing 2019 and 2020, 'logging and related services' increased (+R16 million) but 'forestry and related services' decreased (-R367 million).

## 2.4 Details of sales

Table H – Details of sales of wood and unprocessed products in the forestry, logging and related services industry, 2017–2020

Type of product	2017		2019		2020	
	R million	% contribution	R million	% contribution	R million	% contribution
Pine	2 181	13,1	2 100	11,8	1 984	12,1
Eucalyptus	2 664	16,0	2 315	13,0	2 297	14,1
Wattle	392	2,4	504	2,8	511	3,1
Other wood	349	2,1	346	1,9	362	2,2
Sawn wood products: poles, railway sleepers, logs	2 390	14,3	2 470	13,8	2 276	13,9
Wood pulp	2 673	16,0	3 358	18,8	3 118	19,1
Other timber products (e.g. paper)	4 733	28,4	6 348	35,6	5 404	33,1
Other sales	1 289	7,7	416	2,3	385	2,4
<b>Total sales</b>	<b>16 671</b>	<b>100,0</b>	<b>17 857</b>	<b>100,0</b>	<b>16 337</b>	<b>100,0</b>

The total sales in 2020 (R16,3 billion) represents a decrease of 8,5% (or -R1,5 billion) over the total sales reported in the corresponding survey of 2019 (R17,9 billion). Comparing 2019 and 2020, large decreases were reported for 'other timber products' (-R0,9 billion) , 'wood pulp' (-R0,2 billion) and 'sawn wood products, poles, railway sleepers, logs' (R-0,2 billion).

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**Statistician-General**

## 3. Tables

Table 1 – Principal statistics in the forestry, logging and related services industry, 2019 and 2020

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								
2019 <sup>1</sup>	24 164 157	21 878 836	1 850 898	1 906 722	2 341 145	10 410 980	10 969 588	1 944 669	36 767
2020 <sup>2</sup>	23 252 887	21 582 634	1 830 489	2 112 024	1 951 788	11 098 502	11 645 557	1 593 639	36 861
% change	-3,8	-1,4	-1,1	10,8	-16,6	6,6	6,2	-18,1	0,3

<sup>1</sup> Revised figures.<sup>2</sup> Preliminary figures.Table 2 – Principal statistics in the forestry, logging and related services industry, 2020<sup>2</sup>

Type of service	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	21 174 401	19 551 512	1 792 041	2 008 736	1 839 584	10 506 337	10 985 046	1 375 635	28 736
Logging and related services	2 078 486	2 031 122	38 448	103 288	112 204	592 165	660 511	218 004	8 125
<b>Total</b>	<b>23 252 887</b>	<b>21 582 634</b>	<b>1 830 489</b>	<b>2 112 024</b>	<b>1 951 788</b>	<b>11 098 502</b>	<b>11 645 557</b>	<b>1 593 639</b>	<b>36 861</b>

<sup>2</sup> Preliminary figures.

**Table 3 – Profit margin in the forestry, logging and related services industry, 2019 and 2020**

Type of service	Net profit after tax		Turnover		Profit margin	
	2019 <sup>1</sup>	2020 <sup>2</sup>	2019 <sup>1</sup>	2020 <sup>2</sup>	2019 <sup>1</sup>	2020 <sup>2</sup>
	R'000					
Forestry and related services	1 538 800	1 155 455	19 998 523	18 529 024	7,7	6,2
Logging and related services	47 645	89 435	1 683 941	2 026 299	2,8	4,4
<b>Total</b>	<b>1 586 445</b>	<b>1 244 890</b>	<b>21 682 464</b>	<b>20 555 323</b>	<b>7,3</b>	<b>6,1</b>

<sup>1</sup> Revised figures.<sup>2</sup> Preliminary figures.**Table 4 – Income in the forestry, logging and related services industry, 2019 and 2020**

Item	2019 <sup>1</sup>		2020 <sup>2</sup>		% change
	R'000	% contribution	R'000	% contribution	
Sales of goods	17 857 088	73,9	16 336 633	70,3	-8,5
Services rendered	3 780 712	15,6	4 156 558	17,9	9,9
Profit on financial and other assets	1 651 264	6,8	1 627 208	7,0	-1,5
Other income	875 093	3,6	1 132 488	4,9	29,4
<b>Total income</b>	<b>24 164 157</b>	<b>100,0</b>	<b>23 252 887</b>	<b>100,0</b>	<b>-3,8</b>

<sup>1</sup> Revised figures.<sup>2</sup> Preliminary figures.

**Table 5 – Income by size group in the forestry, logging and related services industry, 2020<sup>2</sup>**

Type of service	Large enterprises	Medium enterprises	Small enterprises	Micro enterprises	Total
	R'000				
Forestry and related services	19 098 982	738 284	1 096 562	240 573	21 174 401
Logging and related services	1 310 993	341 063	384 323	42 107	2 078 486
<b>Total</b>	<b>20 409 975</b>	<b>1 079 347</b>	<b>1 480 885</b>	<b>282 680</b>	<b>23 252 887</b>

<sup>2</sup> Preliminary figures.**Table 6 – Inventory in the forestry, logging and related services industry, 2019 and 2020**

Item	2019 <sup>1</sup>	2020 <sup>2</sup>	% change
	R'000		
<b>Total value of opening inventory</b>	<b>1 850 898</b>	<b>1 830 489</b>	<b>-1,1</b>
Raw material or material for processing, packaging materials, fuel and maintenance stores (e.g. spares)	992 083	983 173	-0,9
Work in progress	278 747	293 546	5,3
Finished goods produced by the enterprise	479 366	465 999	-2,8
Finished goods not produced by the enterprise, but purchased for resale	100 702	87 771	-12,8
<b>Total value of closing inventory</b>	<b>1 906 722</b>	<b>2 112 024</b>	<b>10,8</b>
Raw material or material for processing, packaging materials, fuel and maintenance stores (e.g. spares)	1 014 506	1 067 495	5,2
Work in progress	301 139	260 651	-13,4
Finished goods produced by the enterprise	498 390	663 253	33,1
Finished good not produced by the enterprise, but purchased for resale	92 687	120 625	30,1

<sup>1</sup> Revised figures.<sup>2</sup> Preliminary figures.



**Table 7 – Expenditure in the forestry, logging and related services industry, 2019 and 2020**

Item	2019 <sup>1</sup>		2020 <sup>2</sup>		% change
	R'000	% contribution	R'000	% contribution	
Purchases	9 179 491	42,0	8 349 927	38,7	-9,0
Salaries, wages and bonuses	4 163 255	19,0	4 431 782	20,5	6,4
Payment to subcontractors	876 976	4,0	830 671	3,8	-5,3
Depreciation and amortisation provided for during the financial year	1 176 740	5,4	1 183 954	5,5	0,6
Losses on financial and other assets	380 115	1,7	50 853	0,2	-86,6
Interest paid	453 978	2,1	719 768	3,3	58,5
Management and administrative fees	333 645	1,5	494 153	2,3	48,1
Motor vehicle running expenditure	209 261	1,0	265 356	1,2	26,8
Repair and maintenance	1 274 143	5,8	1 384 219	6,4	8,6
Railage and transport-out	606 827	2,8	418 378	1,9	-31,1
Other expenditure	3 224 405	14,7	3 453 571	16,0	7,1
<b>Total expenditure</b>	<b>21 878 836</b>	<b>100,0</b>	<b>21 582 634</b>	<b>100,0</b>	<b>-1,4</b>

<sup>1</sup> Revised figures.<sup>2</sup> Preliminary figures.

**Table 8 – Details of assets in the forestry, logging and related services industry, 2019 and 2020**

Item	2019 <sup>1</sup>		2020 <sup>2</sup>		% change
	R'000	% contribution	R'000	% contribution	
<b>Total non-current assets</b>	<b>29 556 388</b>	<b>78,2</b>	<b>32 657 410</b>	<b>81,3</b>	<b>10,5</b>
Property, plant and equipment and intangible assets, excluding goodwill	10 946 041	29,0	11 638 831	29,0	6,3
Goodwill	23 547	0,1	6 726	0,0	-71,4
Long-term investments	1 598 369	4,2	1 992 248	5,0	24,6
Other non-current assets	16 988 431	44,9	19 019 605	47,3	12,0
<b>Total current assets</b>	<b>8 221 785</b>	<b>21,8</b>	<b>7 525 372</b>	<b>18,7</b>	<b>-8,5</b>
Trade and other receivables	3 670 414	9,8	3 018 894	7,4	-17,8
Cash and bank	736 634	1,9	721 313	1,8	-2,1
Inventory	1 883 237	5,0	2 074 216	5,2	10,1
Other current assets	1 931 500	5,1	1 710 949	4,3	-11,4
<b>Total assets</b>	<b>37 778 173</b>	<b>100,0</b>	<b>40 182 782</b>	<b>100,0</b>	<b>6,4</b>

<sup>1</sup> Revised figures.<sup>2</sup> Preliminary figures.**Table 9 – Equity and liabilities in the forestry, logging and related services industry, 2019 and 2020**

Item	2019 <sup>1</sup>		2020 <sup>2</sup>		% change
	R'000	% contribution	R'000	% contribution	
<b>Equity, including minority interest</b>	<b>21 318 629</b>	<b>56,4</b>	<b>21 336 229</b>	<b>53,1</b>	<b>0,1</b>
<b>Total non-current liabilities</b>	<b>10 959 720</b>	<b>29,0</b>	<b>13 202 128</b>	<b>32,9</b>	<b>20,5</b>
Long-term liabilities	4 017 316	10,6	6 143 529	15,3	52,9
Other non-current liabilities	6 942 404	18,4	7 058 599	17,6	1,7
<b>Total current liabilities</b>	<b>5 499 824</b>	<b>14,6</b>	<b>5 644 425</b>	<b>14,0</b>	<b>2,6</b>
Trade and other payables	2 769 749	7,4	2 683 865	6,6	-3,1
Bank overdraft	353 962	0,9	441 254	1,1	24,7
Other current liabilities	2 376 113	6,3	2 519 306	6,3	6,0
<b>Total equity and liabilities</b>	<b>37 778 173</b>	<b>100,0</b>	<b>40 182 782</b>	<b>100,0</b>	<b>6,4</b>

<sup>1</sup> Revised figures.<sup>2</sup> 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, 2019 and 2020**

Item	2019 <sup>1</sup>		2020 <sup>2</sup>		% change
	R'000	% contribution	R'000	% contribution	
Land, buildings and construction works	3 056 009	27,9	3 490 172	30,0	14,2
Computers and IT equipment	19 066	0,2	24 729	0,2	29,7
Motor vehicles and other transport equipment	1 100 522	10,0	705 391	6,1	-35,9
Plant, machinery, tractors, furniture and other office equipment	6 640 986	60,5	7 216 376	62,0	8,7
Intangible non-produced assets (e.g. goodwill, patent rights, quota rights)	4 689	0,0	5 596	0,0	19,3
Other assets	148 316	1,4	203 293	1,7	37,1
<b>Total</b>	<b>10 969 588</b>	<b>100,0</b>	<b>11 645 557</b>	<b>100,0</b>	<b>6,2</b>

<sup>1</sup> Revised figures.<sup>2</sup> Preliminary figures.**Table 11 – Capital expenditure on new assets in the forestry, logging and related services industry, 2019 and 2020**

Item	2019 <sup>1</sup>		2020 <sup>2</sup>		% change
	R'000	% contribution	R'000	% contribution	
Land, buildings and construction works	1 301 906	66,9	880 646	55,2	-32,4
Computers and IT equipment	7 141	0,4	17 441	1,1	144,2
Motor vehicles and other transport equipment	270 662	13,9	214 832	13,5	-20,6
Plant, machinery, tractors, furniture and other office equipment	331 743	17,1	427 940	26,9	29,0
Other assets	33 217	1,7	52 780	3,3	58,9
<b>Total capital expenditure</b>	<b>1 944 669</b>	<b>100,0</b>	<b>1 593 639</b>	<b>100,0</b>	<b>-18,1</b>

<sup>1</sup> Revised figures.<sup>2</sup> Preliminary figures.

**Table 12 – Number of employees in the forestry, logging and related services industry, 2019 and 2020**

Type of employment	Male employees			Female employees			Total employees		
	2019 <sup>1</sup>	2020 <sup>2</sup>	% change	2019 <sup>1</sup>	2020 <sup>2</sup>	% change	2019 <sup>1</sup>	2020 <sup>2</sup>	% change
	Number			Number			Number		
Permanent and working proprietors (paid and non-paid)	22 409	22 925	2,3	10 583	10 609	0,2	32 992	33 534	1,6
Temporary and casual/seasonal	2 880	2 139	-25,7	895	1 188	32,7	3 775	3 327	-11,9
<b>Total</b>	<b>25 289</b>	<b>25 064</b>	<b>-0,9</b>	<b>11 478</b>	<b>11 797</b>	<b>2,8</b>	<b>36 767</b>	<b>36 861</b>	<b>0,3</b>

<sup>1</sup> Revised figures.<sup>2</sup> Preliminary figures.**Table 13 – Details of employees, by type of activity, in the forestry, logging and related services industry, as at 30 June 2020<sup>2</sup>**

Type of activity	Permanent and working proprietors (paid and non-paid)	Temporary and casual/seasonal	Total
	Number		
Forestry and related services	26 958	1 778	28 736
Logging and related services	6 576	1 549	8 125
<b>Total</b>	<b>33 534</b>	<b>3 327</b>	<b>36 861</b>

<sup>2</sup> Preliminary figures.**Table 14 – Employment, by enterprise size, in the forestry, logging and related services industry, as at 30 June 2020<sup>2</sup>**

Type of activity	Large enterprises	Medium enterprises	Small enterprises	Micro enterprises	Total enterprises
	Number of employees				
Forestry and related services	21 608	1 913	4 599	616	28 736
Logging and related services	3 662	1 962	2 331	170	8 125
<b>Total</b>	<b>25 270</b>	<b>3 875</b>	<b>6 930</b>	<b>786</b>	<b>36 861</b>

<sup>2</sup> Preliminary figures.

**Table 15 – Details of sales of wood and unprocessed products in the forestry, logging and related services industry, 2019 and 2020**

Type of product	2019 <sup>1</sup>			2020 <sup>2</sup>			% change
	Tons	R'000	% contribution	Tons	R'000	% contribution	
<b>Pine</b>							
Saw logs	1 840 531	1 308 413	7,3	1 635 347	1 246 084	7,6	-4,8
Pulpwood	808 870	582 665	3,3	683 006	590 860	3,6	1,4
Other uses		209 216	1,2		146 840	0,9	-29,8
<b>Total sales of pine</b>		<b>2 100 294</b>	<b>11,8</b>		<b>1 983 784</b>	<b>12,1</b>	<b>-5,5</b>
<b>Eucalyptus</b>							
Saw logs	367 481	226 503	1,3	265 251	176 923	1,1	-21,9
Pulpwood	3 011 026	1 859 516	10,4	2 923 332	1 787 099	10,9	-3,9
Other uses		228 580	1,3		333 161	2,0	45,8
<b>Total sales of eucalyptus</b>		<b>2 314 599</b>	<b>13,0</b>		<b>2 297 183</b>	<b>14,1</b>	<b>-0,8</b>
<b>Wattle</b>							
Pulpwood	464 822	379 372	2,1	338 367	326 973	2,0	-13,8
Other uses		124 719	0,7		184 362	1,1	47,8
<b>Total sales of wattle</b>		<b>504 091</b>	<b>2,8</b>		<b>511 335</b>	<b>3,1</b>	<b>1,4</b>
<b>Other wood</b>							
Other uses		346 050	1,9		361 870	2,2	4,6
<b>Total sales of other wood</b>		<b>346 050</b>	<b>1,9</b>		<b>361 870</b>	<b>2,2</b>	<b>4,6</b>

<sup>1</sup> Revised figures.<sup>2</sup> Preliminary figures.

**Table 15 – Details of sales of wood and unprocessed products in the forestry, logging and related services industry, 2019 and 2020 (concluded)**

Type of product	2019 <sup>1</sup>		2020 <sup>2</sup>		% change
	R'000	% contribution	R'000	% contribution	
<b>Processed timber (sawmill products)</b>					
Wood, sawn or chipped lengthwise, sliced or peeled, of a thickness exceeding 6 mm, not treated (sawn wood products: poles, railway sleepers, logs)	2 470 086	13,8	2 275 790	13,9	-7,9
Wood continuously shaped along any of its edges or faces; planed, tongued, grooved, rebated, chamfered or the like, but not further processed	368 734	2,1	279 519	1,7	-24,2
Wood pulp	3 358 434	18,8	3 117 759	19,1	-7,2
Veneer sheets, sheets for plywood, other wood sawn lengthwise, sliced or peeled, of a thickness not exceeding 6 mm and densified wood	377 956	2,1	329 451	2,0	-12,8
Other timber products (e.g. paper)	5 601 259	31,4	4 794 829	29,4	-14,4
<b>Total sales of processed timber (sawmill products)</b>	<b>12 176 469</b>	<b>68,2</b>	<b>10 797 348</b>	<b>66,1</b>	<b>-11,3</b>
Other sales	415 585	2,3	385 113	2,4	-7,3
<b>Total sales</b>	<b>17 857 088</b>	<b>100,0</b>	<b>16 336 633</b>	<b>100,0</b>	<b>-8,5</b>

<sup>1</sup> Revised figures.<sup>2</sup> Preliminary figures.

**Table 16 – Details of income from services rendered in the forestry, logging and related services industry, 2019 and 2020**

Type of service	2019 <sup>1</sup>		2020 <sup>2</sup>		% change
	R'000	% contribution	R'000	% contribution	
Reforestation services (re-establishment services)	84 531	2,2	92 571	2,2	9,5
Maintenance (e.g. weeding , pruning)	89 933	2,4	104 839	2,5	16,6
Firefighting and protection services	960 770	25,4	1 085 854	26,1	13,0
Tree cutting and felling	1 842 168	48,7	1 993 538	48,0	8,2
Transportation	561 100	14,8	580 570	14,0	3,5
Forestry management services	136 651	3,6	125 764	3,0	-8,0
Other forestry related services	105 559	2,8	173 422	4,2	64,3
<b>Total income from services rendered</b>	<b>3 780 712</b>	<b>100,0</b>	<b>4 156 558</b>	<b>100,0</b>	<b>9,9</b>

<sup>1</sup> Revised figures.<sup>2</sup> Preliminary figures.

**Table 17 – Details of purchases in the forestry, logging and related services industry, 2019 and 2020**

Type of purchase	2019 <sup>1</sup>		2020 <sup>2</sup>		% change
	R'000	% contribution	R'000	% contribution	
Fuel and lubricants (e.g. oils and greases)	1 088 791	11,9	1 008 744	12,1	-7,4
Seeds, seedlings, cuttings and other plant material for plantations and crops	283 974	3,1	185 274	2,2	-34,8
Remedies and chemicals for combating diseases and pests	169 979	1,9	119 716	1,4	-29,6
Timber	5 529 384	60,2	5 153 684	61,7	-6,8
Consumables	342 241	3,7	304 600	3,6	-11,0
Other purchases and transfers-in of goods and materials	1 765 122	19,2	1 577 909	18,9	-10,6
<b>Total purchases and transfers-in of goods and materials</b>	<b>9 179 491</b>	<b>100,0</b>	<b>8 349 927</b>	<b>100,0</b>	<b>-9,0</b>

<sup>1</sup> Revised figures.<sup>2</sup> 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, 2019 and 2020**

Type of loss	2019 <sup>1</sup>	2020 <sup>2</sup>
	%	
Timber theft	14,6	14,0
Equipment theft	10,5	10,5
Other crime	8,5	8,9
Pests and diseases	10,8	9,6
Forest fires	11,5	16,5
Drought	7,1	7,2
Hail	6,4	5,6
Black frost	5,4	4,8
Other natural disasters (e.g. storm, floods, landslides, etc.)	4,1	4,0
Other losses	3,2	5,6

<sup>1</sup> Revised figures.<sup>2</sup> 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, 2019<sup>1</sup>**

Province	Sales and services		Employees		Salaries and wages	
	R'000	% contribution	Number	% contribution	R'000	% contribution
Western Cape	685 812	3,2	3 351	9,1	280 121	6,7
Eastern Cape	329 649	1,5	1 148	3,1	97 536	2,3
KwaZulu-Natal	13 693 280	63,3	13 742	37,4	2 078 401	49,9
Mpumalanga	5 971 274	27,6	12 999	35,4	1 289 127	31,0
Limpopo	948 741	4,4	4 320	11,7	321 663	7,7
Rest of the country	9 044	0,0	1 207	3,3	96 407	2,3
<b>Total</b>	<b>21 637 800</b>	<b>100,0</b>	<b>36 767</b>	<b>100,0</b>	<b>4 163 255</b>	<b>100,0</b>

<sup>1</sup> 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, 2020<sup>2</sup>**

Province	Sales and services		Employees		Salaries and wages	
	R'000	% contribution	Number	% contribution	R'000	% contribution
Western Cape	758 915	3,7	1 981	5,4	256 658	5,8
Eastern Cape	128 879	0,6	1 273	3,5	85 475	1,9
KwaZulu-Natal	13 025 761	63,6	16 627	45,1	2 368 197	53,4
Mpumalanga	5 792 799	28,3	12 795	34,7	1 337 262	30,2
Limpopo	777 874	3,8	2 915	7,9	283 682	6,4
Rest of the country	8 962	0,0	1 270	3,4	100 508	2,3
<b>Total</b>	<b>20 493 190</b>	<b>100,0</b>	<b>36 861</b>	<b>100,0</b>	<b>4 431 782</b>	<b>100,0</b>

<sup>2</sup> Preliminary figures.

**Explanatory notes**

<b>Background</b>	<p>The results presented in this publication have been derived from the 2019 and 2020 forestry, logging and related services industry survey. This is a survey of enterprises operating in the forestry, logging and related services industry.</p> <p>A list of enterprises was drawn from Stats SA's business register (BR) to conduct the 2020 survey of forestry, logging and related services. 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>
<b>Reference period</b>	The information was collected from enterprises for their financial year ending on any date between 1 July 2019 and 30 June 2020.
<b>Purpose of the survey</b>	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.
<b>Classification by industry</b>	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.
<b>Statistical unit</b>	The survey data were collected at an enterprise level. An enterprise is a legal unit or a combination of legal units that includes and directly controls all functions necessary to carry out its production activities.
<b>Stratum</b>	A stratum is constructed by concatenating the SIC classification and size group variables.
<b>Size groups</b>	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 above R30,0 million. Table 21 presents the size groups defined using the Department of Trade, Industry and Competition (DTIC) cut-off points multiplied by six.

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

Size Group	VAT Turnover
1	Turnover > R30 000 000
2	R 18 000 000 < turnover ≤ R30 000 000
3	R3 000 000 < turnover ≤ R18 000 000
4	Turnover ≤ R3 000 000

<b>Survey methodology and design</b>	The survey of enterprises in the forestry, logging and related services was conducted by email, telephone and personal visits. The census was conducted from a frame of approximately 300 enterprises.
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<b>Collection rate</b>	Collection rate = ((collected units + finalised investigations) / sample size) x 100. The collection rate was 81,2%.																						
<b>Turnover collection rate</b>	Turnover collection rate = ((weighted collected units BR turnover + weighted finalised investigations BR turnover) / population turnover) x 100. The turnover collection rate was 96,4%.																						
<b>Revisions to 2019 results</b>	Revisions were made to previous results due to editing and new information obtained after publication.																						
<b>Non-sampling errors</b>	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.																						
<b>Rounding-off of figures</b>	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.																						
<b>Symbols and abbreviations</b>	<table> <tr> <td>DTIC</td> <td>Department of Trade, Industry and Competition</td> </tr> <tr> <td>GDP</td> <td>Gross domestic product</td> </tr> <tr> <td>ISIC</td> <td>International Standard Industrial Classification of All Economic Activities</td> </tr> <tr> <td>IT</td> <td>Income tax</td> </tr> <tr> <td>SARS</td> <td>South African Revenue Service</td> </tr> <tr> <td>BR</td> <td>Business register</td> </tr> <tr> <td>SIC</td> <td>Standard Industrial Classification of all Economic Activities</td> </tr> <tr> <td>SNA</td> <td>System of National Accounts</td> </tr> <tr> <td>Stats SA</td> <td>Statistics South Africa</td> </tr> <tr> <td>VAT</td> <td>Value added tax</td> </tr> <tr> <td>0</td> <td>Nil or less than half the final digit shown</td> </tr> </table>	DTIC	Department of Trade, Industry and Competition	GDP	Gross domestic product	ISIC	International Standard Industrial Classification of All Economic Activities	IT	Income tax	SARS	South African Revenue Service	BR	Business register	SIC	Standard Industrial Classification of all Economic Activities	SNA	System of National Accounts	Stats SA	Statistics South Africa	VAT	Value added tax	0	Nil or less than half the final digit shown
DTIC	Department of Trade, Industry and Competition																						
GDP	Gross domestic product																						
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BR	Business register																						
SIC	Standard Industrial Classification of all Economic Activities																						
SNA	System of National Accounts																						
Stats SA	Statistics South Africa																						
VAT	Value added tax																						
0	Nil or less than half the final digit shown																						

**Glossary**

<b>Current assets</b>	<p>These are assets that can be converted into cash within 12 months. They include:</p> <ul style="list-style-type: none"><li>• Trade and other receivables;</li><li>• Cash and bank;</li><li>• Inventory, excluding biological assets; and</li><li>• Other current assets.</li></ul>
<b>Current liabilities</b>	<p>These are debts or obligations that are due within 12 months. They include:</p> <ul style="list-style-type: none"><li>• Trade and other payables;</li><li>• Bank overdraft; and</li><li>• Other current liabilities.</li></ul>
<b>Casual employees</b>	<p>Employees who fall neither within the 'permanent employees' category nor the 'temporary employees' category. Such employees are typically working daily or hourly.</p>
<b>Employees</b>	<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>
<b>Equity</b>	<p>Residual interest in the enterprise's assets after deducting its liabilities.</p>
<b>Non-current assets</b>	<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"><li>• Property, plant and equipment and intangible assets;</li><li>• Long-term investments; and</li><li>• Other non-current assets.</li></ul>
<b>Non-current liabilities</b>	<p>Liabilities that are not required to be paid within 12 months. They include:</p> <ul style="list-style-type: none"><li>• Long-term loans; and</li><li>• Other non-current liabilities.</li></ul>

<b>Other expenditure</b>	<p>Other expenditure includes:</p> <ul style="list-style-type: none"><li>• accounting and/or auditing fees;</li><li>• advertising and marketing expenses;</li><li>• bank charges;</li><li>• consulting fees;</li><li>• import and export costs;</li><li>• insurance premiums;</li><li>• membership or affiliation costs;</li><li>• research and development costs;</li><li>• security services;</li><li>• storage costs;</li><li>• information and communication technology services;</li><li>• electricity, property rates and water costs; and</li><li>• other expenditure.</li></ul>
<b>Other income</b>	<p>Other income includes:</p> <ul style="list-style-type: none"><li>• rental, leasing and hiring income;</li><li>• interest received;</li><li>• dividends;</li><li>• rebates; and</li><li>• other income.</li></ul>
<b>Permanent employees</b>	Employees appointed on an open-ended contract with no stipulated termination date or a fixed-term contract for periods of more than one year.
<b>Profit margin</b>	<p>Profit margin is derived as: Net profit or loss after tax <b>Divided by</b> turnover <b>Multiplied by</b> 100</p>
<b>Temporary employees</b>	Temporary employees are employees appointed on a short-term contract basis with a stipulated termination date for periods not exceeding one year.
<b>Turnover</b>	<p>Turnover includes:</p> <ul style="list-style-type: none"><li>• value of sales of goods;</li><li>• amount received for services rendered; and</li><li>• income from rental, leasing and hiring.</li></ul>

