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Wholesale trade sales (Preliminary)

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email: info@statssa.gov.za www.statssa.gov.za 170 Andries Street • Private Bag X44, 0001 Pretoria, South Africa Tel: +27(12) 310 8911, Fax: +27(12) 321 7381

Contents

Summary of findings: Wholesale trade sales	2
Table A – Key figures as at the end of January 2009	2
Table B – Contribution of each type of dealer to the percentage change in wholesale trade sales at	
current prices	3
Detailed results	5
Table 1 – Total wholesale trade sales according to the type of dealer at current prices (R million)	5
Description of type of dealers included in indicated group types in Table 1	6
Table 2 – Total wholesale trade sales at current prices (R million)	7
Table 3 – Percentage change in total wholesale trade sales at current prices	7
Table 4 – Seasonally adjusted total wholesale trade sales at current prices (R million)	7
Table 5 – Total wholesale trade sales at constant 2000 prices (R million)	8
Table 6 – Percentage change in total wholesale trade sales at constant 2000 prices	8
Table 7 – Seasonally adjusted total wholesale trade sales at constant 2000 prices (R million)	8
Table 8 – Estimates and percentage changes in total wholesale trade sales	9
Explanatory notes	10
Class limits	13
Glossary	13
General information	14

Summary of findings: Wholesale trade sales

Wholesale trade sales estimates	January 2009 (R million)	% change between January 2008 and January 2009	% change between November 2007 to January 2008 and November 2008 to January 2009
At current prices	75 780	4,2	13,5
At constant 2000 prices	42 100	-4,5	1,7

Seasonally adjusted estimates	January 2009 (R million)	% change between December 2008 and January 2009	% change between August to October 2008 and November 2008 to January 2009
At current prices	86 899	-3,7	-1,5
At constant 2000 prices	47 529	-3,6	0,3

Key findings as at the end of January 2009

Wholesale trade sales in real terms slow down

Wholesale trade sales, at constant (2000) prices, for the three months ended January 2009 increased by 1,7% compared with the three months ended January 2008, while growth for the same period in 2008 was 5,2%. Seasonally adjusted wholesale trade sales, at constant (2000) prices, for the three months ended January 2009 increased by 0,3% compared with the three months ended October 2008.

Wholesale trade sales, at constant (2000) prices, for January 2009 decreased by 4,5% compared with January 2008.

Wholesale trade sales, at current prices, for the three months ended January 2009 increased by 13,5% compared with the three months ended January 2008. The major contributors to this increase were both dealers in solid, liquid and gaseous fuels and related products and dealers in machinery, equipment and supplies (each contributing 3,6 percentage points) and dealers in food, beverages and tobacco (3,2 percentage points) – see Table B on page 3.

Wholesale trade sales at current prices for January 2009 increased by 4,2% compared with January 2008, while sales for the corresponding period in 2008 increased by 19,6%.

Table B - Contribution of each type of dealer to the percentage change in wholesale trade sales at current prices

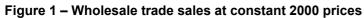
Type of wholesale dealer	Sales November 2007 to January 2008 (R million)	Weight 1/	Sales November 2008 to January 2009 (R million)	Difference in sales between November 2007 to January 2008 and November 2008 to January 2009 (R million)	Percentage change between November 2007 to January 2008 and November 2008 to January 2009	Contribution (percentage points) to the percentage change in total sales 2/
Contract or fee basis	10 030	4,3	9 577	-453	-4,5	-0,2
Agricultural raw materials and livestock	9 385	4,0	11 881	2 496	26,6	1,1
Food, beverages and tobacco	42 709	18,2	50 294	7 585	17,8	3,2
Textiles, clothing and footwear	6 911	3,0	6 091	-820	-11,9	-0,4
Other household goods except precious stones	23 443	10,0	25 733	2 290	9,8	1,0
Precious stones, jewellery and silverware	4 814	2,1	2 709	-2 105	-43,7	-0,9
Solid, liquid and gaseous fuels and related products	42 079	18,0	50 582	8 503	20,2	3,6
Metals and metal ores	8 005	3,4	8 511	506	6,3	0,2
Construction and building materials	10 567	4,5	10 678	111	1,1	0,0
Other intermediate products, waste and scrap	8 642	3,7	9 505	863	10,0	0,4
Machinery, equipment and supplies	44 827	19,1	53 165	8 338	18,6	3,6
Other goods	22 853	9,8	27 137	4 284	18,7	1,8
Total 3/	234 262	100,0	265 863	31 601	13,5	13,5

1/ Weight is the percentage contribution of each type of dealer to the total wholesale trade sales for the three months up to the current month of the previous year.

2/ The contribution to the percentage change is calculated by multiplying the percentage change of each type of dealer with its corresponding weight.

3/ The figures have been rounded off. Therefore, discrepancies may occur between the sums of the component items and the totals.





P J Lehohla Statistician-General

Detailed results

Outlined below in table 1 are wholesale trade sales according to type of dealer.

Table 1 – Total wholesale trade sales according to the type of dealer at current prices (R million)

Year	and month 1/	Type A	Type B	Type C	Type D	Type E	Type F	Type G	Туре Н	Type I	Type J	Туре К	Type L	Total 2/
2007	January	2 679	2 164	11 629	1 641	5 688	739	10 503	2 388	2 841	2 431	12 605	5 498	60 806
	February	3 124	2 574	11 486	2 170	6 727	1 241	10 473	2 845	3 562	2 326	13 011	5 682	65 220
	March	3 118	2 249	11 342	2 523	6 654	2 005	11 540	2 875	3 857	2 334	14 965	6 370	69 832
	April	3 388	2 128	11 029	2 326	6 971	1 883	10 946	2 731	3 359	2 362	12 063	4 875	64 062
	Мау	3 275	2 820	11 890	2 442	7 763	1 899	12 632	3 144	4 019	2 633	13 864	6 161	72 542
	June	3 343	2 923	12 341	1 781	7 159	1 936	12 840	3 024	4 066	2 772	14 343	6 125	72 651
	July	3 348	2 786	12 235	2 097	7 261	1 242	13 429	2 972	3 984	2 897	15 414	6 587	74 253
	August	3 648	2 696	12 263	2 853	7 738	1 181	13 530	3 343	3 999	3 142	15 816	6 555	76 764
	September	3 265	2 661	13 339	3 042	7 529	2 097	12 684	2 912	3 980	2 756	14 985	6 623	75 873
	October	3 438	2 761	13 586	3 418	8 559	2 269	13 919	3 546	4 473	3 411	17 081	7 310	83 769
	November	3 778	3 262	14 054	3 090	9 163	2 422	14 615	3 353	4 774	3 524	16 384	9 182	87 599
	December	3 266	3 084	15 392	2 008	7 362	1 819	14 023	1 807	2 453	2 541	12 609	7 598	73 962
	Total	39 670	32 108	150 586	29 391	88 574	20 733	151 134	34 940	45 367	33 129	173 140	78 566	877 333
2008	January	2 986	3 039	13 263	1 813	6 918	573	13 441	2 845	3 340	2 577	15 834	6 073	72 701
	February	3 647	3 497	12 838	2 612	7 771	1 695	14 631	3 667	4 465	3 086	15 611	6 208	79 728
	March	3 613	2 860	13 442	2 463	6 961	1 979	17 191	3 839	4 263	2 862	17 462	6 253	83 188
	April	3 851	3 299	12 836	3 106	9 663	2 176	17 105	4 341	4 294	3 168	15 731	7 394	86 963
	Мау	3 896	3 878	13 461	2 827	8 357	1 995	19 034	4 350	4 472	3 556	16 902	7 639	90 368
	June	3 465	3 999	14 309	1 958	8 273	2 295	19 524	4 743	4 100	3 331	18 212	7 586	91 795
	July	4 629	4 502	13 442	1 799	8 498	1 770	21 224	4 873	4 493	4 144	18 356	7 521	95 250
	August	4 686	4 182	15 291	1 825	8 497	647	20 395	4 583	4 337	4 285	16 584	7 107	92 417
	September	4 322	3 789	14 842	2 108	9 246	1 077	18 434	4 199	4 410	3 731	20 029	7 318	93 505
	October	3 612	3 769	14 458	2 373	10 461	1 915	19 287	4 447	5 224	3 990	20 124	8 191	97 852
	November	3 381	4 579	16 965	2 509	9 836	1 757	18 405	3 647	4 771	4 028	21 863	9 861	101 602
	December	3 336	3 956	18 182	1 944	8 395	566	19 388	2 214	2 820	2 511	15 819	9 349	88 481
	Total	45 424	45 349	173 329	27 337	102 876	18 445	218 059	47 748	50 989	41 269	212 527	90 500	1 073 850
2009	January	2 860	3 346	15 147	1 638	7 502	386	12 789	2 650	3 087	2 966	15 483	7 927	75 780

1/ Preliminary.

2/ The figures have been rounded off. Therefore, discrepancies may occur between the sums of the component items and the totals.

5

Description of type of dealers included in indicated group types in Table 1 $^{\prime\prime}$

Group type	Type of dealers included in group type
Туре А	Wholesale trade on a fee or contract basis
Туре В	Wholesale trade in agricultural raw materials and livestock
Туре С	Wholesale trade in food, beverages and tobacco
Type D	Wholesale trade in textiles, clothing and footwear
Type E	Wholesale trade in other household goods except precious stones
Type F	Wholesale trade in precious stones, jewellery and silverware
Type G	Wholesale trade in solid, liquid and gaseous fuels and related products
Туре Н	Wholesale trade in metals and metal ores
Type I	Wholesale trade in construction and building materials
Type J	Wholesale trade in other intermediate products, waste and scrap
Туре К	Wholesale trade in machinery, equipment and supplies
Type L	Wholesale trade in other goods

1/ See note 4 on page 10. Tables 2 and 3 show wholesale trade sales (actual values and annual percentage changes) at current prices over the period January 2002 – January 2009. Table 4 shows seasonally adjusted wholesale trade sales at current prices over the same period.

Month	2002	2003	2004	2005	2006	2007	2008 /1	2009 1/
January	34 827	37 849	39 623	44 336	49 213	60 806	72 701	75 780
February	36 696	43 299	44 751	46 408	53 971	65 220	79 728	
March	39 029	44 542	48 444	49 559	58 412	69 832	83 188	
April	38 882	41 288	43 264	50 966	52 913	64 062	86 963	
Мау	39 611	43 644	52 224	53 006	61 413	72 542	90 368	
June	38 915	45 089	53 777	54 961	62 147	72 651	91 795	
July	38 306	45 948	51 517	54 806	64 179	74 253	95 250	
August	39 481	44 102	52 545	56 457	66 649	76 764	92 417	
September	41 424	45 056	53 143	58 642	66 673	75 873	93 505	
October	46 486	47 450	57 533	60 608	71 025	83 769	97 852	
November	45 874	48 444	61 307	64 949	75 651	87 599	101 602	
December	41 633	41 407	52 896	56 198	65 760	73 962	88 481	
Total	481 164	528 118	611 024	650 896	748 006	877 333	1 073 850	

Table 2 – Total wholesale trade sales	at current p	rices (R million)
	at our one p	

1/ Preliminary.

Table 3 – Percentage change in total wholesale trade sales at current prices 1/

Month	2002	2003	2004	2005	2006	2007	2008	2009
January	-	8,7	4,7	11,9	11,0	23,6	19,6	4,2
February	-	18,0	3,4	3,7	16,3	20,8	22,2	
March	-	14,1	8,8	2,3	17,9	19,6	19,1	
April	-	6,2	4,8	17,8	3,8	21,1	35,7	
Мау	-	10,2	19,7	1,5	15,9	18,1	24,6	
June	-	15,9	19,3	2,2	13,1	16,9	26,4	
July	-	19,9	12,1	6,4	17,1	15,7	28,3	
August	-	11,7	19,1	7,4	18,1	15,2	20,4	
September	-	8,8	17,9	10,3	13,7	13,8	23,2	
October	-	2,1	21,2	5,3	17,2	17,9	16,8	
November	-	5,6	26,6	5,9	16,5	15,8	16,0	
December	-	-0,5	27,7	6,2	17,0	12,5	19,6	
Total	-	9,8	15,7	6,5	14,9	17,3	22,4	

1/ The percentage change is the difference between wholesale trade sales of the relevant year and those of the previous year expressed as a percentage.

Table 4 – Seasonally adjusted total wholesale trade sales at current prices (R million)

Month	2002	2003	2004	2005	2006	2007	2008	2009
January	38 811	42 614	45 091	50 864	56 701	69 959	83 530	86 899
February	37 668	44 788	46 666	48 859	57 158	69 438	84 983	
March	38 793	44 331	48 397	49 740	58 973	70 871	84 513	
April	41 264	44 200	46 733	55 491	57 931	70 388	95 691	
Мау	39 395	43 308	51 837	52 503	60 786	71 724	89 374	
June	38 520	44 424	52 882	54 022	61 110	71 616	90 689	
July	39 005	46 468	51 609	54 410	63 177	72 659	92 879	
August	39 540	44 031	52 031	55 455	65 041	74 677	89 699	
September	40 733	44 195	51 931	57 269	65 034	74 006	91 211	
October	43 075	43 823	53 078	55 905	65 586	77 378	90 410	
November	41 664	43 542	54 640	57 528	66 850	77 438	90 017	
December	41 711	41 723	53 592	57 144	66 886	75 307	90 270	

Tables 5 and 6 show wholesale trade sales (actual values and annual percentage changes) at constant (2000) prices over the period January 2002 – January 2009. Table 7 shows seasonally adjusted wholesale trade sales at constant prices over the same period.

Month	2002	2003	2004	2005	2006	2007	2008 /1	2009 /1
January	29 985	30 171	31 787	34 828	36 699	41 113	44 088	42 100
February	30 967	34 446	35 701	36 327	40 187	43 978	47 684	
March	32 647	35 435	38 678	38 582	43 284	46 446	48 762	
April	31 988	32 860	34 214	39 356	38 821	41 925	49 950	
Мау	32 349	35 112	41 251	40 727	44 567	46 892	49 463	
June	31 651	35 799	41 785	41 606	43 827	45 967	48 957	
July	30 830	36 251	40 075	41 038	44 492	46 408	49 481	
August	31 472	34 932	40 843	42 085	45 370	47 724	47 761	
September	33 047	36 117	41 599	43 976	45 713	47 569	50 083	
October	36 835	38 051	44 825	45 433	48 267	52 014	52 665	
November	36 235	38 989	47 728	48 433	51 064	54 224	55 399	
December	33 016	33 285	41 373	41 876	44 583	45 613	48 804	
Total	391 022	421 448	479 859	494 267	526 874	559 873	593 097	

1/ Preliminary.

Table 6 – Percentage change in total wholesale trade sales at constant 2000 prices 1/

Month	2002	2003	2004	2005	2006	2007	2008	2009
January	-	0,6	5,4	9,6	5,4	12,0	7,2	-4,5
February	-	11,2	3,6	1,8	10,6	9,4	8,4	
March	-	8,5	9,2	-0,2	12,2	7,3	5,0	
April	-	2,7	4,1	15,0	-1,4	8,0	19,1	
Мау	-	8,5	17,5	-1,3	9,4	5,2	5,5	
June	-	13,1	16,7	-0,4	5,3	4,9	6,5	
July	-	17,6	10,5	2,4	8,4	4,3	6,6	
August	-	11,0	16,9	3,0	7,8	5,2	0,1	
September	-	9,3	15,2	5,7	3,9	4,1	5,3	
October	-	3,3	17,8	1,4	6,2	7,8	1,3	
November	-	7,6	22,4	1,5	5,4	6,2	2,2	
December	-	0,8	24,3	1,2	6,5	2,3	7,0	
Total	-	7,8	13,9	3,0	6,6	6,3	5,9	

1/ The percentage change is the difference between wholesale trade of the relevant year and those of the previous year expressed as a percentage.

Table 7 – Seasonally adjusted total wholesale trade sales at constant 2000 prices (R million)

Month	2002	2003	2004	2005	2006	2007	2008	2009
January	33 382	33 884	36 000	39 668	41 870	46 722	49 932	47 529
February	31 789	35 582	37 059	37 903	41 992	46 068	49 948	
March	32 456	35 163	38 383	38 337	43 131	46 430	48 770	
April	33 842	34 954	36 625	42 347	41 944	45 399	54 167	
Мау	32 145	34 763	40 813	40 224	44 042	46 370	48 957	
June	31 431	35 447	41 396	41 312	43 643	45 966	49 107	
July	31 478	36 859	40 518	41 323	44 634	46 456	49 433	
August	31 704	35 190	40 967	42 031	45 157	47 458	47 443	
September	32 418	35 428	40 724	43 082	44 755	46 576	49 042	
October	34 125	35 192	41 464	42 052	44 718	48 188	48 787	
November	32 877	35 031	42 523	42 864	45 037	47 804	48 927	
December	33 088	33 512	41 812	42 370	45 043	46 048	49 322	

Table 8 – Estimates and percentage changes in total wholesale trade sales

Outlined below in tables 8.1 and 8.2 are the percentage changes in wholesale trade sales at current prices, constant (2000) prices and seasonally adjusted estimates.

Table 8.1 – Quarterly estimates and percentage changes

Wholesale trade sales estimates	November 2007 to January 2008 (R million)	November 2008 to January 2009 (R million)	% change between November 2007 to January 2008 and November 2008 to January 2009
At current prices	234 262	265 863	13,5
At constant 2000 prices	143 925	146 303	1,7

Table 8.2 – Seasonally adjusted estimates with monthly and quarterly percentage changes

Seasonally adjusted wholesale trade sales estimates	December 2008 (R million)	January 2009 (R million)	% change between December 2008 and January 2009	August to October 2008 (R million)	November 2008 to January 2009 (R million)	% change between August to October 2008 and November 2008 to January 2009
At current prices	90 270	86 899	-3,7	271 320	267 186	-1,5
At constant 2000 prices	49 322	47 529	-3,6	145 272	145 778	0,3

Explanatory notes						
Introduction	1	Statistics South Africa (Stats SA) conducts a monthly survey of the wholesale trade industry, covering wholesale enterprises (see 4 below). This survey is based on a sample drawn from the 2008 Business Sampling Frame (BSF) that contains businesses registered for value-added tax (VAT).				
	2	As is usual, information for the latest month has had to be estimated for respondents who have not reported by the cut-off date for production of results. These estimates will be revised in future statistical releases when their reported information becomes available. Published wholesale trade sales estimates exclude VAT.				
Purpose of the survey	3	The results of the monthly wholesale trade sales survey are used to compile estimates of the Gross Domestic Product (GDP) and its components, which are used in monitoring the state of the economy and formulation of economic policy. These statistics are also used in the analysis of comparative business and industry performance.				
Scope of the survey	4	 This survey covers wholesale enterprises according to the following types of dealer: Wholesale trade on a fee or contract basis Sales by commission agents, commodity brokers, auctioneers and other wholesale trade on a fee or contract basis; Wholesale trade in agricultural raw materials and livestock; Wholesale trade in food, beverages and tobacco; Wholesale trade in textiles, clothing and footwear; Wholesale trade in other household goods except precious stones Wholesale trade in household furniture, requisites and appliances, wholesale trade in bousehold furniture, requisites and appliances, wholesale trade in bousehold furniture, requisites and appliances, wholesale trade in precious stones of wholesale trade in precious stones (sewhere classified; Wholesale trade in precious stones, jewellery and silverware; Wholesale trade in construction and building materials Wholesale trade in construction materials, hardware, plumbing and heating equipment and supplies; Wholesale trade in other intermediate products, waste and scrap; and Wholesale trade in other intermediate products, waste and scrap; and Wholesale trade in other intermediate products, waste and scrap; and 				
Classification	5	The 1993 edition of the <i>Standard Industrial Classification of all Economic Activities (SIC)</i> , Fifth Edition, Report No. 09-90-02, was used to classify the statistical units in the survey. The SIC is based on the 1990 <i>International Standard Industrial Classification of all</i> <i>Economic Activities (ISIC)</i> with suitable adaptations for local conditions. Statistics in this publication are presented at SIC division (four digit) level. Each enterprise is classified to the industry which reflects its predominant activity.				
Response rate	6	The preliminary response rate for the survey on wholesale trade sales for January 2009 was 93,3%. The final response rate for the survey on wholesale trade sales for December 2008 was 97,4%.				
Statistical unit	7	The statistical unit for which information is compiled and published is the enterprise, defined as a legal unit or a combination of legal units that includes and directly controls all functions necessary to carry out its sales activities.				
Survey methodology and design	8	The survey is conducted monthly. Questionnaires are sent to a sample of about 1 000 enterprises from a population of about 21 000 enterprises. Completed questionnaires are required to be returned to Stats SA within 10 days after the end of the reference month. Fax and telephone reminders are used to follow up non-respondents.				

9

The value of sales is obtained monthly from the sample of about 1 000 enterprises (which was drawn in April 2008 at the SIC four-digit level) from a population of about

21 000 wholesale enterprises. The wholesale industry is divided into four size groups. All large enterprises (size group one) are completely enumerated. Simple random sampling is applied to size groups two (medium sized), three and four (small) enterprises. The total value of sales of the large enterprises (size group one) is added to the weighted totals of size groups two, three and four to reflect the total value of sales. Weighting 10 For those strata not completely enumerated, the weights to produce estimates are the inverse ratio of the sampling fraction, modified to take account of non-response methodology in the survey. Stratum estimates are calculated and then aggregated with the completely enumerated stratum to form division estimates. These procedures, which are in line with international best practice, are described in more detail on the Stats SA website at http://www.statssa.gov.za/publications/publicationsearch.asp. 11 The total sales at constant prices are calculated using a combination of the **Constant prices** Production Price Indices (PPI) for consumption in South Africa and for total output of South African industry groups to deflate the sales at current prices. However, with the discontinuation of the PPI for consumption in South Africa in January 2008, total sales at constant prices are calculated using the total output of South African industry groups from the PPI to deflate the sales at current prices. Seasonal 12 Seasonally adjusted estimates are generated each month, using the X-11 Seasonal adjustment Adjustment Program developed by the US Bureau of the Census, 1968. Seasonal adjustment is a means of removing the estimated effects of normal seasonal variation from the series so that the effects of other influences on the series can be more clearly recognised. Seasonal adjustment does not aim to remove irregular or non-seasonal influences, which may be present in any particular month. Influences that are volatile or unsystematic can still make it difficult to interpret the movement of the series even after adjustment for seasonal variations. Therefore the month-tomonth movements of seasonally adjusted estimates may not be reliable indicators of trend behaviour. **Trend cycle** 13 The trend is the long-term pattern or movement of a time series. The X-11 Seasonal Adjustment Program is used for smoothing seasonally adjusted estimates to estimates of the underlying trend cycle. Reliability of 14 Data presented in this publication are based on information obtained from a sample and are, therefore, subject to sampling variability; that is, they may differ from the estimates figures that would have been produced if the data had been obtained from all enterprises in the wholesale industry in South Africa. Estimates are subject to sampling and non-sampling errors. Preliminary figures are indicated in the tables. Inaccuracies may occur because of imperfections in reporting by enterprises and 15 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 nonsampling errors by careful design of questionnaires, testing them in pilot studies, editing reported data and implementing efficient operating procedures. Fluctuations may occur in consecutive months as a result of seasonal and economic factors. **Revised figures** 16 Revised figures are due to respondents reporting revisions or corrections to their figures and late submission of their data to Stats SA. Preliminary figures are indicated in the relevant tables. Data are edited at the enterprise level. Related 17 Users may also wish to refer to the following publications available from Stats SA publications • Bulletin of Statistics issued quarterly. • SA Statistics issued annually. Rounding of 18 Where figures have been rounded-off discrepancies may occur between sums of the component items and the totals. figures

Pre-release policy	19	Stats SA's pre-release policy may be inspected at its Website, www.statssa		
Symbols and abbreviations	20	BSF GDP ISIC SIC SARS Stats SA VAT *	Business sampling frame Gross Domestic Product International Standard Industrial Classification Standard Industrial Classification of all Economic Activities South African Revenue Service Statistics South Africa Value-added tax Revised Figures not available	

Technical note

Neyman optimal

allocation

A stratified random sample was drawn from the population of enterprises on the business sampling frame (BSF). Strata were formed using a combination of Standard Industrial Classification and the measure of size classes for enterprises. The Neyman optimal allocation formula given below was used to allocate samples to each stratum.

$$n_{h} = \frac{N_{h}S_{h}}{\sum N_{h}S_{h}}$$

where N_h and S_h are the stratum population size and the stratum variance, respectively.

Neyman allocation formula not only allocates sample sizes to each stratum but also calculates the relative precision for each stratum as well as the relative precision for all strata. The relative precision for these strata did not exceed 4,8%.

Class limits

Enterprise size	Size Group	Lower limits	Upper limits
Very small	4	0	6 000 000
Small	3	6 000 001	32 000 000
Medium	2	32 000 001	64 000 000
Large	1	64 000 001	

Glossary

- **Enterprise** The enterprise is a legal entity or a combination of legal units that includes and directly controls all functions necessary to carry out its sales activities.
- Industry An industry is made up of enterprises engaged in the same or similar kinds of economic activity. Industries are defined in the System of National Accounts (SNA) in the same way as in the Standard Industrial Classification of all Economic Activities, Fifth Edition, Report No. 09-90-02 of March 1993 (SIC).
- **Statistical unit** A statistical unit is a unit about which statistics are tabulated, compiled or published. The statistical units are derived from and linked to the South African Revenue Service (SARS) administrative data.
- Wholesale trade Wholesale trade includes the resale (sale without transformation) of new and used goods and products to other wholesalers, retailers, agricultural, industrial, commercial, institutional and professional users either directly or through agents on a fee or contract basis.
- **Wholesaler** A wholesaler is an enterprise deriving 50% or more of its turnover from sales of goods to other businesses and institutions.

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Telephone number:	(012) 310 8600/8390/8351/4892/8496/8095 (user information services) (012) 310 8930 (technical enquiries) (012) 310 8161 (orders) (012) 310 4883/8018/4885 (library)
Fax number:	(012) 310 8332 (technical enquiries)
Email address:	Nthabisengs@statssa.gov.za (technical enquiries) Info@statssa.gov.za (user information services) distribution@statssa.gov.za (orders)
Postal address:	Private Bag X44, Pretoria, 0001

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