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Wholesale trade sales Preliminary: December 2005

Embargoed until: 09 March 2006 8:00

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Statistics South Africa 1 P6141.2

Table A - Key figures as at the end of December 2005

Estimates	December 2005 R million	% change between December 2004 and December 2005	% change between October to December 2004 and October to December 2005	% change between January to December 2004 and January to December 2005	
Wholesale trade sales					
at current prices	49 912	+6,6	+5,9	+6,5	
at constant 2000 prices	37 192	+1,5	+1,4	+3,0	

Seasonally adjusted estimates	December 2005 R million	% change between November and December 2005	% change between July to September 2005 and October to December 2005	
Wholesale trade sales				
at current prices	50 793	-1,3	+1,4	
at constant 2000 prices	37 733	-1,5	+0,8	

Key findings as at the end of December 2005

Wholesale trade sales increase in real terms

As indicated in table A, wholesale trade sales, at constant (2000) prices, for the fourth quarter of 2005 increased by 1,4% compared with the fourth quarter of 2004. Furthermore seasonally adjusted wholesale trade sales, at constant (2000) prices, for the fourth quarter of 2005 increased by 0,8% compared with the third quarter of 2005.

Wholesale trade sales at constant (2000) prices, for the month of December 2005 increased by 1,5% compared with December 2004.

Wholesale trade sales at constant (2000) prices, for the year 2005 increased by 3,0% compared with the year 2004.

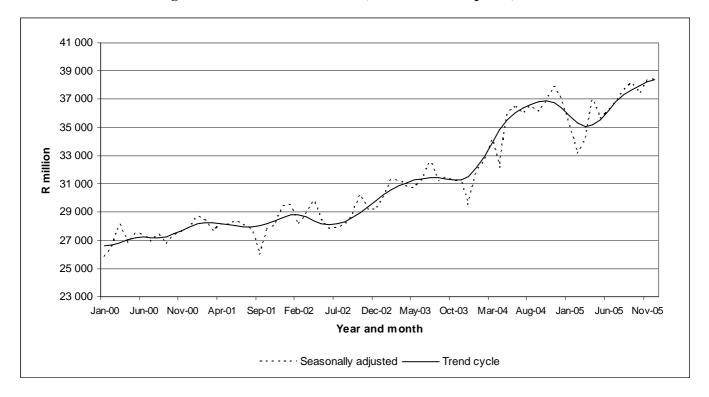
Wholesale trade sales increase at current prices

Wholesale trade sales, at current prices, for the fourth quarter of 2005 increased by 5,9% compared with the same period in 2004.

Wholesale trade sales at current prices, for the year 2005 increased by 6,5% compared with the year 2004.

Figure 1 below shows the seasonally adjusted and trend patterns for wholesale trade sales at constant (2000) prices between January 2000 and December 2005. The trend cycle showed a gradual upward trend from January 2000 until the beginning of 2004. Thereafter, the trend cycle started to increase sharply until October 2004. It then showed a slight decline at the beginning of 2005 but has resumed an upward trend since the middle of 2005.

Figure 1 – Wholesale trade sales (at constant 2000 prices)



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Notes

Forthcoming issue	Issue	Expected release date
	January 2006	6 April 2006
Purpose of the survey	Gross Domestic Product (G	wholesale trade sales survey are used to compile estimates of the DP) and its components, which are used in monitoring the state of on of economic policy. These statistics are also used in the analysis I industry performance.

Detailed results

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

Table 1 - Total wholesale trade sales according to type of dealer at current prices (R million) for 2005

Month 1/	Type A	Type B	Type C	Type D	Type E	Type F	Type G	Type H	Type I	Type J	Type K	Type L	Total 2/
January	1 005	2 510	8 087	782	3 495	1 467	6 149	1 423	2 354	1 402	6 286	4 284	39 244
February	1 176	2 445	8 358	1 080	3 597	810	6 737	1 673	2 642	1 343	7 268	3 968	41 097
March	1 252	2 016	8 642	1 181	4 169	1 783	7 367	1 610	2 705	1 484	7 242	4 432	43 883
April	1 234	2 018	9 034	1 159	4 234	1 766	7 843	1 656	2 901	1 399	7 501	4 370	45 115
May	1 618	2 000	9 350	1 068	4 380	2 039	7 952	1 809	3 044	1 492	7 704	4 489	46 945
June	1 852	2 213	9 277	993	4 436	1 837	9 488	1 729	2 977	1 716	7 695	4 403	48 622
July	2 026	2 034	9 833	1 093	4 581	972	9 322	1 796	3 266	1 543	7 345	4 711	48 529
August	1 875	2 129	8 856	1 295	4 863	1 384	10 011	1 886	3 271	1 613	7 858	4 876	49 923
September	1 677	2 106	9 381	1 417	5 117	1 986	10 066	1 899	3 307	1 786	8 399	4 722	51 870
October	1 924	2 202	10 016	1 497	5 681	2 042	10 260	1 879	3 375	1 835	8 103	4 828	53 649
November	2 254	2 831	10 243	1 615	6 551	2 132	9 603	2 126	3 742	1 977	8 737	5 680	57 498
December	2 098	2 453	11 763	994	5 367	1 575	9 300	1 236	2 277	1 388	6 643	4 812	49 912

^{1/} Preliminary

Description of type of dealers included in indicated group types in table 1 $^{\nu}$

Group type	Type of dealers included in group type
Type A	Wholesale trade on a fee or contract basis
Type B	Wholesale trade in agricultural raw materials and livestock
Type C	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
Type H	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
Type K	Wholesale trade in machinery, equipment and supplies
Type L	Wholesale trade in other goods

1/ See note 3 on page 9

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

Tables 2 and 3 show wholesale trade sales at current prices over the period January 1998 to December 2005. Table 4 gives seasonally adjusted wholesale trade sales at current prices over the same period.

Table 2 - Total wholesale trade sales at current prices (R million)

Month	1998	1999	2000	2001	2002	2003	2004	2005 1/
January	18 777	19 818	22 440	27 046	30 828	33 506	35 074	39 244
February	20 360	21 588	25 155	29 117	32 484	38 329	39 615	41 097
March	21 272	22 006	27 377	29 161	34 550	39 429	42 886	43 883
April	20 609	21 597	25 264	28 324	34 422	36 551	38 300	45 115
May	20 923	22 380	27 145	30 066	35 064	38 634	46 230	46 946
June	21 447	22 518	27 220	30 596	34 449	39 913	47 606	48 623
July	22 074	22 860	26 339	29 621	33 911	40 674	45 604	48 530
August	22 370	25 097	27 858	30 184	34 951	39 039	46 515	49 923
September	23 259	25 594	27 877	28 865	36 672	39 886	47 056	51 870
October	23 678	24 635	30 104	33 059	41 151	42 004	50 934	53 649
November	23 330	27 583	31 014	34 233	40 608	42 887	54 290	57 498
December	21 771	25 679	29 191	33 289	36 857	36 656	46 840	49 912
Total	259 870	281 355	326 984	363 561	425 947	467 508	540 950	576 290

1/ Preliminary

Table 3 - Percentage change in total wholesale trade sales at current prices $\boldsymbol{\nu}$

Month	1998	1999	2000	2001	2002	2003	2004	2005
January	-	5,5	13,2	20,5	14,0	8,7	4,7	11,9
February	_	6,0	16,5	15,8	11,6	18,0	3,4	3,7
March	_	3,5	24,4	6,5	18,5	14,1	8,8	2,3
April	_	4,8	17,0	12,1	21,5	6,2	4,8	17,8
May	_	7,0	21,3	10,8	16,6	10,2	19,7	1,5
June	_	5,0	20,9	12,4	12,6	15,9	19,3	2,1
July	_	3,6	15,2	12,5	14,5	19,9	12,1	6,4
August	_	12,2	11,0	8,3	15,8	11,7	19,2	7,3
September	_	10,0	8,9	3,5	27,0	8,8	18,0	10,2
October	_	4,0	22,2	9,8	24,5	2,1	21,3	5,3
November	_	18,2	12,4		18,6		26,6	5,9
December	_	18,0	13,7	14,0	10,7		27,8	6,6
Total	-	8,3	16,2		17,2		15,7	6,5

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	1998	1999	2000	2001	2002	2003	2004	2005
January	20 854	21 930	24 787	29 972	34 373	37 676	39 868	44 947
February	20 876	22 124	25 724	29 814	33 253	39 367	40 792	42 384
March	21 161	21 884	27 204	28 919	34 342	39 279	42 942	43 956
April	21 491	22 528	26 420	29 741	36 241	38 529	40 401	47 629
May	21 096	22 504	27 199	29 976	34 837	38 281	45 836	46 555
June	21 590	22 640	27 283	30 495	34 083	39 270	46 686	47 588
July	22 490	23 323	26 928	30 321	34 631	41 368	46 166	49 042
August	22 052	24 830	27 689	30 170	35 058	39 206	46 645	50 022
September	22 892	25 207	27 455	28 485	36 174	39 289	46 224	50 958
October	22 148	23 025	28 102	30 792	38 334	39 039	47 368	49 931
November	21 570	25 501	28 597	31 393	36 977	38 706	48 702	51 437
December	21 598	25 516	29 042	33 255	36 987	36 974	47 493	50 793

Tables 5 and 6 show wholesale trade sales at constant prices over the period January 1998 to December 2005. Table 7 gives seasonally adjusted wholesale trade sales at constant prices over the same period.

Table 5 - Total wholesale trade sales at constant 2000 prices (R million)

Month	1998	1999	2000	2001	2002	2003	2004	2005 1/
January	21 834	22 032	23 351	25 930	26 541	26 709	28 138	30 828
February	23 743	23 880	26 027	27 783	27 413	30 493	31 604	32 170
March	24 778	24 169	28 209	27 759	28 900	31 367	34 240	34 164
April	23 743	23 681	25 596	26 695	28 319	29 089	30 289	34 838
May	23 995	24 234	27 406	28 125	28 635	31 082	36 517	36 071
June	24 595	24 343	27 329	28 422	28 019	31 689	36 990	36 808
July	24 942	24 542	26 299	27 363	27 293	32 090	35 476	36 338
August	24 967	26 813	27 514	27 679	27 860	30 922	36 156	37 214
September	25 857	27 330	27 424	26 470	29 255	31 973	36 835	38 898
October	26 441	26 165	29 428	29 891	32 608	33 684	39 683	40 217
November	26 023	29 111	29 994	30 592	32 076	34 517	42 266	42 877
December	24 352	26 973	28 123	29 590	29 228	29 466	36 637	37 192
Total	295 270	303 273	326 700	336 299	346 147	373 081	424 831	437 615

1/ Preliminary

Table 6 - Percentage change in total wholesale trade sales at constant 2000 prices ν

Month	1998	1999	2000	2001	2002	2003	2004	2005
January	-	0,9	6,0	11,0	2,4	0,6	5,4	9,6
February	-	0,6	9,0	6,7	-1,3	11,2	3,6	1,8
March	-	-2,5	16,7	-1,6	4,1	8,5	9,2	-0,2
April	-	-0,3	8,1	4,3	6,1	2,7	4,1	15,0
May	-	1,0	13,1	2,6	1,8	8,5	17,5	-1,2
June	-	-1,0	12,3	4,0	-1,4	13,1	16,7	-0,5
July	-	-1,6	7,2	4,0	-0,3	17,6	10,6	2,4
August	-	7,4	2,6	0,6	0,7	11,0	16,9	2,9
September	-	5,7	0,3	-3,5	10,5	9,3	15,2	5,6
October	-	-1,0	12,5	1,6	9,1	3,3	17,8	1,3
November	-	11,9	3,0	2,0	4,9	7,6	22,4	1,4
December	-	10,8	4,3	5,2	-1,2	0,8	24,3	1,5
Total	-	2,7	7,7	2,9	2,9	7,8	13,9	3,0

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

Month	1998	1999	2000	2001	2002	2003	2004	2005
January	24 310	24 436	25 829	28 745	29 554	29 952	31 849	35 130
February	24 318	24 463	26 623	28 465	28 076	31 328	32 536	33 149
March	24 795	24 163	28 170	27 649	28 789	31 239	34 199	34 121
April	24 803	24 746	26 813	28 083	29 906	30 801	32 143	37 019
May	24 258	24 435	27 520	28 068	28 426	30 720	36 059	35 592
June	24 750	24 468	27 408	28 376	27 810	31 302	36 442	36 210
July	25 465	25 087	26 911	28 010	27 872	32 666	35 974	36 787
August	24 767	26 684	27 496	27 805	28 095	31 244	36 525	37 587
September	25 085	26 561	26 728	25 939	28 741	31 420	36 122	38 165
October	24 693	24 410	27 403	27 769	30 300	31 243	36 844	37 376
November	24 048	26 901	27 629	28 024	29 161	31 108	37 858	38 296
December	24 099	26 740	27 925	29 509	29 278	29 655	37 048	37 733

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 – Estimates and percentage changes in total wholesale trade sales

Table 8.1 - Quarterly and cumulative estimates and percentage changes

Estimates	October to December 2004 R million	October to December 2005 R million	% change between October to December 2004 and October to December 2005	January to December 2004 R million	January to December 2005 R million	% change between January to December 2004 and January to December 2005
Wholesale trade sales						
at current prices	152 064	161 059	+5,9	540 950	576 290	+6,5
at constant 2000 prices	118 586	120 286	+1,4	424 831	437 615	+3,0

Table 8.2 - Seasonally adjusted estimates with monthly and quarterly percentage changes.

Seasonally adjusted estimates	November 2005 R million	December 2005 R million	% change between November and December 2005	July to September 2005 R million	October to December 2005 R million	% change between July to September 2005 and October to December 2005
Wholesale trade sales						
at current prices	51 437	50 793	-1,3	150 022	152 161	+1,4
at constant 2000 prices	38 296	37 733	-1,5	112 539	113 405	+0,8

Explanatory notes

1

Introduction

- 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 2005 Business Sampling Frame (BSF) that contains businesses registered for value-added tax (VAT) and income tax.
- 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.

Scope of the survey

3 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 books and stationery, wholesale trade in pharmaceuticals and toiletries and wholesale trade in other household goods not elsewhere classified;
- Wholesale trade in precious stones, jewellery and silverware;
- Wholesale trade in solid, liquid and gaseous fuels and related products;
- Wholesale trade in metals and metal ores;
- Wholesale trade in construction and building materials
 - Wholesale trade in construction materials, hardware, plumbing and heating equipment and supplies;
- Wholesale trade in machinery, equipment and supplies;
- Wholesale trade in other intermediate products, waste and scrap; and
- Wholesale trade in other goods
 - General wholesale trade and other wholesale trade not elsewhere classified.

Classification

The 1993 edition of the *Standard Industrial Classification of all Economic Activities* (*SIC*), Fifth Edition, Report No. 09-90-02, was used to classify the statistical units in the survey. The SIC is based on the 1990 *International Standard Industrial Classification of all Economic Activities* (*ISIC*) 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.

Statistical unit

5 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

- 6 The survey is conducted monthly. Questionnaires are sent to a sample of about 800 enterprises from a population of about 19 000 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.
- The value of sales is obtained monthly from the sample of 800 enterprises (which was drawn in August 2005 at the SIC four-digit level) from a population then of about 19 000 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 methodology

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 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.

Constant prices

The constant prices for the 2005 series are calculated using a combination of the production price indices for consumption in South Africa and total output of South African industry groups from the Production Price Index (PPI) to deflate the current prices. From January 2005 onwards, only the total sales will be deflated and not the type of dealer.

Seasonal adjustment

10

Seasonally adjusted estimates are generated each month, using the X-11 Seasonal 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-to-month movements of seasonally adjusted estimates may not be reliable indicators of trend behaviour.

Trend cycle

11 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 estimates

- 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 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 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. Fluctuations may occur in consecutive months as a result of seasonal and economic factors.

Revised figures

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 publications

- 15 Users may also wish to refer to the following publications available from Stats SA -
 - Bulletin of Statistics issued quarterly.
 - SA Statistics issued annually.

Rounding of figures

Where figures have been rounded-off discrepancies may occur between sums of the component items and the totals.

Pre-release policy

17 Stats SA's pre-release policy may be inspected at its Website, www.statssa.gov.za.

Symbols and	
abbreviations	

18

BSF Business sampling frame GDP Gross Domestic Product

ISIC International Standard Industrial Classification

SIC Standard Industrial Classification of all Economic Activities

SARS South African Revenue Service

Stats SA Statistics South Africa
VAT Value-added tax
Revised

- Figures not available

Technical note

Neyman optimal allocation

Before drawing in each of the surveys the population of enterprises on the Business Sampling Frame (BSF) was stratified. 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 surveys did not exceed 6.4%.

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 January 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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