

Dipalopalo tsa Aforika Borwa • Statistieke Suid-Afrika • Tistatistiki ta Afrika-Dzonga • Ukuqokelelwa kwamanani eNingizimu Afrika

Retail trade sales Preliminary: April 2006

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Estimates	April 2006 R million	% change between April 2005 and April 2006	% change between February to April 2005 and February to April 2006	% change between January to April 2005 and January to April 2006	
Retail trade sales					
at current prices	34 115	+14,3	+15,2	+14,5	
at constant 2000 prices	25 214	+9,7	+10,3	+9,4	

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Table A - Key figures as at the end of April 2006

Key findings as at the end of April 2006

Retail trade sales increase in real terms

As indicated in table A, retail trade sales at constant (2000) prices, for the three months up to April 2006, increased by 10,3% compared with the three months up to April 2005.

Similarly, retail trade sales at constant (2000) prices, for period January to April 2006, increased by 9,4% compared with January to April 2005. Retail trade sales at constant (2000) prices, for April 2006, increased by 9,7% compared with April 2005.

Retail trade sales at current prices, for the three months up to April 2006, increased by 15,2% compared with the three months up to April 2005. Retail trade sales at current prices, for April 2006, increased by 14,3% compared with April 2005.

As indicated in table B, the major contributors to the 15,2% increase in retail trade sales at current prices for the three months up to April 2006 compared with the three months up to April 2005 were general dealers (contributing +5,7 percentage points), retailers in textiles, clothing, footwear and leather goods (contributing +2,7 percentage points), 'all other' retailers (contributing +2,5 percentage points) and retailers in hardware, paint and glass (contributing +2,1 percentage points).

Table B – Contribution of the types of dealers to the percentage change in retail trade sales at current
prices

				Difference in sales	
				between	
	Sales		Sales	February	Contribution
	February		February	to	(percentage points)
Type of retailer	to	Weight 1/	to	April 2005	to the
	April 2005		April 2006	and	percentage change
	(R million)		(R million)	February	in total sales 2/
				to	
				April 2006	
				(R million)	
General dealers	32 359	37,3	37 275	4 916	5,7
Retail trade in specialised					
food, beverages and					
tobacco stores	9 149	10,5	9 974	825	1,0
Retailers in					
pharmaceutical and					
medical goods, cosmetics					
and toilletries	4 169	4,8	4 299	130	0,1
Retailers in textiles,					
clothing, footwear and					
leather goods	14 574	16,8	16 901	2 327	2,7
Retailers in household					
furniture, appliances and					
equipment	5 274	6,1	6 282	1 008	1,2
Retailers in hardware,					
paint and glass	5 539	6,4	7 358	1 819	2,1
All other retailers	15 677	18,1	17 873	2 196	2,5
Total 3/	86 743	100,0	99 965	13 222	15,2

1/Weight is the percentage contribution of each type of dealer to the total

2/ The contribution to the percentage change is calculated by multiplying the percentage change of each type of dealer with its corresponding weight (1/).

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

Figure 1 below shows the trend cycle for the retail trade sales, at constant (2000) prices between January 2001 and April 2006. There was an upward trend from the beginning of 2001 until the end of 2004. The beginning of 2005 saw a brief levelling of the trend, but that began to rise from mid 2005 up to the beginning of 2006.

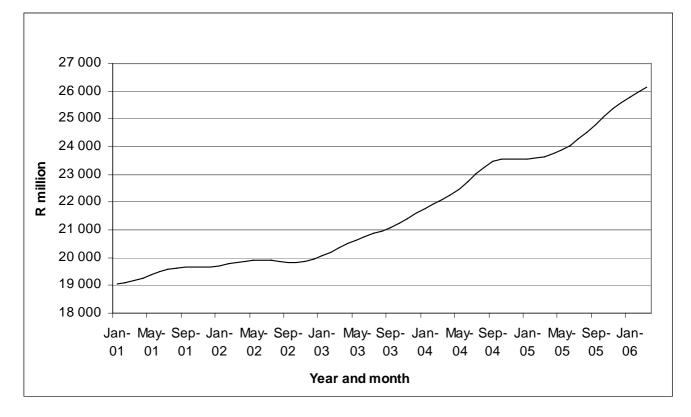


Figure 1 – Trend cycle of retail trade sales (at constant 2000 prices)

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Notes

Forthcoming issue	Issue	Expected release date			
	May 2006	2 August 2006			
Purpose of the survey	The results of the monthly retail 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.				
Response Rate	The preliminary response ra	te for the survey on retail trade sales for April 2006 was 90,0%.			

Tables 1 and 2 show retail trade sales at current prices over the period January 1999 to April 2006.

Month	1999	2000	2001	2002	2003	2004	2005 1/	2006 1/
January	16 095	17 348	18 300	20 373	23 202	26 250	27 804	31 144
February	15 295	16 650	17 702	19 850	22 239	25 518	27 506	31 898
March	17 056	18 288	19 661	22 160	24 648	26 944	29 390	33 952
April	16 695	18 160	19 512	21 517	23 890	26 443	29 847	34 115
May	17 213	18 361	19 876	22 632	25 159	27 909	30 628	
June	16 139	18 056	19 805	22 379	24 386	27 791	30 010	
July	17 147	18 195	20 177	22 337	24 749	28 232	30 435	
August	16 692	17 998	19 912	22 709	24 585	27 289	30 960	
September	16 677	18 247	19 751	22 662	25 098	28 745	31 606	
October	17 870	18 980	20 951	23 675	25 866	30 004	33 499	
November	18 426	20 292	22 082	25 278	27 863	31 664	35 330	
December	24 620	26 715	28 990	32 656	36 323	41 507	46 780	
Total	209 925	227 290	246 719	278 228	308 008	348 296	383 795	

Table 1 - Total retail trade sales at current prices (R million)

1/ Preliminary.

Table 2 - Percentage change in total retail trade sales at current prices ${\scriptstyle 1\prime}$

Month	1999	2000	2001	2002	2003	2004	2005	2006
January	-	7,8	5,5	11,3	13,9	13,1	5,9	12,0
February	-	8,9	6,3	12,1	12,0	14,7	7,8	16,0
March	-	7,2	7,5	12,7	11,2	9,3	9,1	15,5
April	-	8,8	7,4	10,3	11,0	10,7	12,9	14,3
May	-	6,7	8,3	13,9	11,2	10,9	9,7	
June	-	11,9	9,7	13,0	9,0	14,0	8,0	
July	-	6,1	10,9	10,7	10,8	14,1	7,8	
August	-	7,8	10,6	14,0	8,3	11,0	13,5	
September	-	9,4	8,2	14,7	10,7	14,5	10,0	
October	-	6,2	10,4	13,0	9,3	16,0	11,6	
November	-	10,1	8,8	14,5	10,2	13,6	11,6	
December	-	8,5	8,5	12,6	11,2	14,3	12,7	
Total	-	8,3	8,5	12,8	10,7	13,1	10,2	

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

Tables 3 and 4 show retail trade sales at constant (2000) prices over the period January 1999 to April 2006.

Month	1999	2000	2001	2002	2003	2004	2005 1/	2006 1/
January	17 844	17 996	17 819	18 504	19 033	21 050	21 825	23 329
February	16 919	17 236	17 203	17 947	18 274	20 333	21 556	23 787
March	18 805	18 757	18 959	19 715	20 088	21 384	22 800	25 243
April	18 306	18 362	18 672	18 891	19 391	20 920	22 977	25 214
May	18 771	18 491	18 911	19 663	20 538	22 063	23 488	
June	17 467	18 056	18 719	19 259	20 054	21 848	23 120	
July	18 418	17 997	18 963	19 108	20 121	22 212	23 162	
August	17 891	17 749	18 750	19 278	19 874	21 572	23 437	
September	17 741	17 925	18 546	18 964	20 257	22 634	23 764	
October	18 910	18 572	19 563	19 566	20 927	23 478	25 131	
November	19 355	19 836	20 465	20 805	22 470	24 603	26 544	
December	25 808	26 088	26 694	26 877	29 292	32 427	35 173	
Total	226 235	227 065	233 264	238 577	250 319	274 524	292 977	

Table 3 - Total retail trade sales at constant 2000 prices (R million)

1/ Preliminary.

Table 4 - Percentage change in total retail trade sales at constant 2000 prices $_{1\prime}$

Month	1999	2000	2001	2002	2003	2004	2005	2006
January	-	0,9	-1,0	3,8	2,9	10,6	3,7	6,9
February	-	1,9	-0,2	4,3	1,8	11,3	6,0	10,3
March	-	-0,3	1,1	4,0	1,9	6,5	6,6	10,7
April	-	0,3	1,7	1,2	2,6	7,9	9,8	9,7
May	-	-1,5	2,3	4,0	4,4	7,4	6,5	
June	-	3,4	3,7	2,9	4,1	8,9	5,8	
July	-	-2,3	5,4	0,8	5,3	10,4	4,3	
August	-	-0,8	5,6	2,8	3,1	8,5	8,6	
September	-	1,0	3,5	2,3	6,8	11,7	5,0	
October	-	-1,8	5,3	-0,0	7,0	12,2	7,0	
November	-	2,5	3,2	1,7	8,0	9,5	7,9	
December	-	1,1	2,3	0,7	9,0	10,7	8,5	
Total	-	0,4	2,7	2,3	4,9	9,7	6,7	

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

Outlined below in table 5 are retail trade sales according to type of dealer for January 2005 to April 2006.

Year 1/	Month	Type A	Type B	Type C	Type D	Type E	Type F	Type G	Total 2/
2005	January	10 638	2 873	1 274	4 746	1 711	1 690	4 873	27 804
	February	10 529	2 895	1 329	4 283	1 669	1 863	4 937	27 506
	March	11 292	3 157	1 335	4 575	1 772	1 776	5 482	29 390
	April	10 538	3 097	1 505	5 716	1 833	1 900	5 258	29 847
	May	10 781	2 909	1 567	5 982	1 876	2 071	5 442	30 628
	June	11 024	3 004	1 490	4 838	2 072	2 172	5 409	30 010
	July	11 055	3 161	1 356	5 199	2 131	2 168	5 366	30 435
	August	11 129	3 033	1 468	5 173	2 118	2 303	5 735	30 960
	September	12 037	3 185	1 366	5 266	2 259	2 504	4 990	31 606
	October	11 997	3 175	1 420	5 903	2 381	2 653	5 970	33 499
	November	12 584	3 322	1 391	6 018	2 856	2 819	6 340	35 330
	December	16 784	4 731	1 380	10 322	4 183	2 277	7 102	46 780
	Total	140 388	38 542	16 881	68 021	26 861	26 196	66 904	383 795
2006	January	11 692	3 085	1 404	5 273	1 971	2 103	5 616	31 144
	February	11 943	3 138	1 415	4 937	2 000	2 415	6 049	31 898
	March	12 845	3 402	1 446	5 401	2 168	2 562	6 127	33 952
	April	12 487	3 434	1 438	6 563	2 114	2 381	5 697	34 115

Table 5 - Total retail trade sales according to type of dealer at current prices (R million)

1/ Preliminary.

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

Description of type of dealers included in indicated group types in table 5 $_{\rm V}$

Group type	Type of dealer included
Type A	General dealers
Туре В	Retail trade in specialised food, beverages and tobacco stores
Туре С	Retailers in pharmaceutical and medical goods, cosmetics and toiletries
Type D	Retailers in textiles, clothing, footwear and leather goods
Туре Е	Retailers in household furniture, appliance and equipment
Type F	Retailers in hardware, paint and glass
Type G	All other retailers

1/ See note 3 on page 9.

Outlined below in table 6 are percentage changes in retail trade sales at current and at constant (2000) prices.

Estimates	February to April 2005 R million	February to April 2006 R million	% change between February to April 2005 and February to April 2006	January to April 2005 R million	January to April 2006 R million	% change between January to April 2005 and January to April 2006
Retail trade sales						
at current prices	86 743	99 965	+15,2	114 547	131 109	+14,5
at constant 2000 prices	67 333	74 244	+10,3	89 158	97 573	+9,4

Explanatory notes		
Introduction	1	Statistics South Africa (Stats SA) conducts a monthly survey of the retail trade industry, covering retail 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.
	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 retail trade sales estimates include value added tax (VAT).
Scope of the survey	3	 This survey covers retail enterprises according to the following types of dealer: General dealers Retail trade in non-specialised stores with food, beverages and tobacco predominating; and other retail trade in non-specialised stores. Retailer in specialised food, beverages and tobacco stores Retailers in fresh fruit and vegetables; Retailers in meat and meat products; Retailers in bakery products; Retailers in tobacco; and Retailers in other food in specialised stores. Retailers in other food in specialised stores. Retailers in textiles, clothing, footwear and leather goods Retailers in ladies', girls' and infants' clothing; General outfitters; and Retailers in household furniture, appliances and equipment; Retailers in parmademater and stationery; Retailers in reading matter and stationery; Retailers in sports goods and entertainment requisites; Retailers in other specialised stores.
Classification	4	The 1993 edition of the <i>Standard Industrial Classification of all Economic Activities</i> (<i>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 Economic Activities (ISIC)</i> with suitable adaptations for local conditions. Statistics in this publication are presented at SIC group (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 on a monthly basis. Questionnaires are sent to a sample of about 2 500 enterprises from a population of about 49 000 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.
	7	The value of sales is obtained monthly from the sample of 2 500 enterprises (which was drawn in August 2005 at the SIC four-digit level from a population then of about 49 000 retail enterprises. The retail industry is divided into four size groups. All large and medium enterprises (size groups one and two), are completely enumerated. Simple random sampling is applied to size groups three and four (small and very small)

		enterprises. The total value of sales of the large and medium enterprises (size groups one and two) is added to the weighted totals of size groups three and four to reflect the total value of sales.	
Weighting methodology	8	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 www.statssa.gov.za/publications/publicationsearch.asp.	
Constant prices	9	The sales at constant prices are calculated using the price index for commodities for the metropolitan areas from the Consumer Price Index (CPI) to deflate sales at 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 will not be published until there are sufficient data points for the new survey. As soon as sufficient data points are available, Stats SA will consider publishing seasonally adjusted estimates.	
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	12	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 retail industry in South Africa. Estimates are subject to sampling and non-sampling errors.	
	13	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	14	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	16	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	BSFBusiness sampling frameGDPGross Domestic ProductISICInternational Standard Industrial ClassificationSICStandard Industrial Classification of all Economic ActivitiesSARSSouth African Revenue ServiceStats SAStatistics South AfricaVATValue added tax-Figures not available*Revised figures	

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.

$$= \frac{N_h S_h}{\sum N_h S_h}$$

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	4 000 000
Small	3	4 000 001	19 000 000
Medium	2	19 000 001	39 000 000
Large	1	39 000 001	

 n_h

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 <i>System of National Accounts (SNA)</i> in the same way as in the <i>Standard Industrial Classification of all Economic Activities, Fifth Edition, Report No. 09-90-02 of January 1993 (SIC)</i> .
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.
Retail trade	Retail trade includes the resale (sale without transformation) of new and used goods and products to the general public for household use.
Retailer	A retailer is an enterprise deriving more than 50% of its turnover from sales of goods to the general public for household use.

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