

stats sa

Department: Statistics South Africa REPUBLIC OF SOUTH AFRICA

Private Bag X44, Pretoria, 0001, South Africa, ISIbalo House, Koch Street, Salvokop, Pretoria, 0002 www.statssa.gov.za, info@statssa.gov.za, Tel +27 12 310 8911

STATISTICAL RELEASE P6343.2

Motor trade sales (Preliminary)

March 2024

Embargoed until: 16 May 2024 11:00

ENQUIRIES: JP Terblanche Tel: (012) 310 2965 FORTHCOMING ISSUE: April 2024 EXPECTED RELEASE DATE: 20 June 2024

Dipalopalo tsa Aforikaborwa • Dipalopalo tsa Aforika Borwa • Ezazibalo zaseNingizimu Afrika • Tshitatistika Afrika Tshipembe • Tinhlayo Afrika-Dzonga Statistieke Suid-Afrika • Dipalopalo tsa Aforika Borwa • Telubalo zaseNingizimu Afrika • EzeeNkcukacha maNani zoMzantsi Afrika • Iimibalobalo zeSewula Afri



IMPROVING LIVES THROUGH DATA ECOSYSTEMS

Contents

Sales at constant 2019 prices: results for March 2024	2
Table A – Key growth rates in motor trade sales at constant 2019 prices	2
Table B – Motor trade sales at constant 2019 prices for the latest three months by type of activity	2
Table C – Seasonally adjusted motor trade sales at constant 2019 prices for the latest three months by type of	
activity	3
Figure 1 – Motor trade sales at constant 2019 prices	4
Figure 2 – Motor trade sales at constant 2019 prices: year-on-year percentage change	4
Sales at current prices: results for March 2024	5
Table D – Key growth rates in motor trade sales at current prices	5
Table E – Motor trade sales at current prices for the latest three months by type of activity	5
Table F – Seasonally adjusted motor trade sales at current prices for the latest three months by type of activity .	5
Tables	6
Table 1 – Motor trade sales at constant 2019 prices (R million)	6
Table 2 – Year-on-year percentage change in motor trade sales at constant 2019 prices	6
Table 3 – Seasonally adjusted motor trade sales at constant 2019 prices	6
Table 4 – Motor trade sales at constant 2019 prices by type of activity (R million)	7
Table 5 – Year-on-year percentage change in motor trade sales at constant 2019 prices by type of activity	7
Table 6 – Contribution of each type of activity to the year-on-year percentage change in motor trade sales at	
constant 2019 prices	7
Table 7 – Seasonally adjusted motor trade sales at constant 2019 prices by type of activity (R million)	8
Table 8 – Motor trade sales at current prices (R million)	9
Table 9 – Year-on-year percentage change in motor trade sales at current prices	9
Table 10 – Seasonally adjusted motor trade sales at current prices	9
Table 11 – Motor trade sales at current prices by type of activity (R million)	10
Table 12 – Year-on-year percentage change in motor trade sales at current prices by type of activity	10
Table 13 – Contribution of each type of activity to the year-on-year percentage change in motor trade sales at current prices	10
Table 14 – Seasonally adjusted motor trade sales at current prices by type of activity (R million)	11
Explanatory notes	12
Technical notes	13
Glossary	15
Technical enquiries	15
General information	16

1

Sales at constant 2019 prices: results for March 2024

Table A – Key growth rates in motor trade sales at constant 2019 prices

	Oct-23	Nov-23	Dec-23	Jan-24	Feb-24	Mar-24
Year-on-year % change, unadjusted	-2,6	-2,9	-2,5	2,7	1,3	-10,4
Month-on-month % change, seasonally adjusted	1,6	1,0	3,1	-2,8	-0,1	-7,0
3-month % change, seasonally adjusted ¹	-2,7	-2,6	0,9	2,2	2,3	-2,9

¹ Percentage change between the previous three months and the three months ending in the month indicated.

Measured in real terms (constant 2019 prices), motor trade sales decreased by 10,4% year-on-year in March 2024. The largest negative annual growth rates were recorded for:

- new vehicle sales (-23,7%);
- workshop income (-14,3%);
- sales of accessories (-9,9%); and
- used vehicle sales (-9,3%) see Table 5.

The largest negative contributors to this decrease were:

- new vehicle sales (contributing -6,2 percentage points);
- sales of accessories (contributing -2,0 percentage points); and
- used vehicle sales (contributing -1,9 percentage points) see Table 6.

Seasonally adjusted motor trade sales decreased by 7,0% in March 2024 compared with February 2024. This followed month-on-month changes of -0,1% in February 2024 and -2,8% in January 2024.

Type of activity	Jan – Mar 2023 (R million)	Weight (%)	Jan – Mar 2024 (R million)	% change between Jan – Mar 2023 and Jan – Mar 2024	Contribution (% points) to the total % change
New vehicle sales	44 472	25,5	40 655	-8,6	-2,2
Used vehicle sales	34 995	20,1	34 854	-0,4	-0,1
Workshop income	7 883	4,5	7 317	-7,2	-0,3
Income from the sales of accessories	35 480	20,3	35 205	-0,8	-0,2
Income from fuel sales	47 437	27,2	48 293	1,8	0,5
Income from convenience store sales 1	4 135	2,4	4 057	-1,9	0,0
Total	174 402	100,0	170 381	-2,3	-2,3

¹ Includes 'other' sales and trading income.

Motor trade sales decreased by 2,3% in the first quarter of 2024 compared with the first quarter of 2023. The main negative contributor to this decrease was new vehicle sales (-8,6% and contributing -2,2 percentage points) – see Table B.

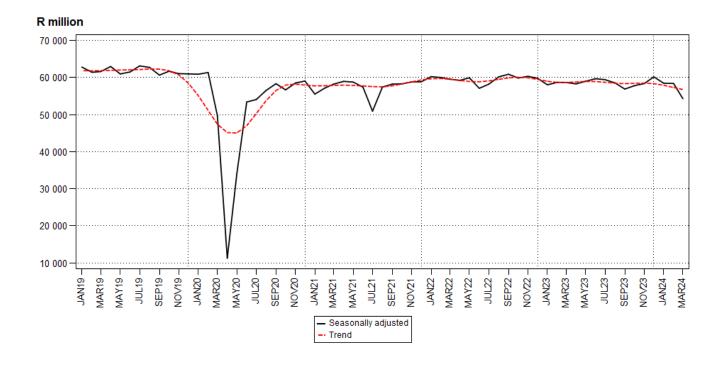
Table C – Seasonally adjusted motor trade sales at constant 2019 prices for the latest three months by type of activity

Type of activity	Oct – Dec 2023 (R million)	Weight (%)	Jan – Mar 2024 (R million)	% change between Oct – Dec 2023 and Jan – Mar 2024	Contribution (% points) to the total % change
New vehicle sales	44 630	25,3	40 252	-9,8	-2,5
Used vehicle sales	35 506	20,1	35 131	-1,1	-0,2
Workshop income	7 872	4,5	7 459	-5,2	-0,2
Income from the sales of accessories	36 208	20,5	35 634	-1,6	-0,3
Income from fuel sales	48 015	27,2	48 646	1,3	0,4
Income from convenience store sales 1	4 104	2,3	4 040	-1,6	0,0
Total	176 333	100,0	171 161	-2,9	-2,9

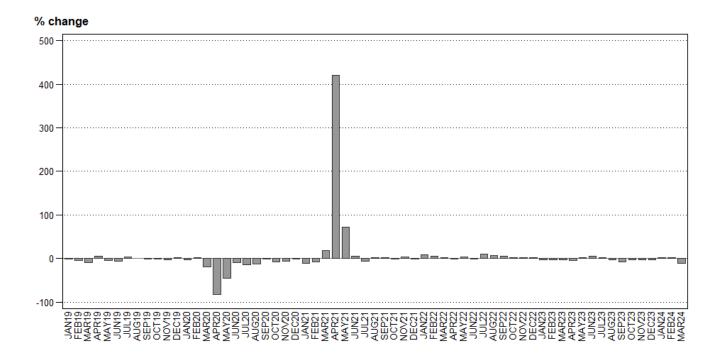
¹ Includes 'other' sales and trading income.

Seasonally adjusted motor trade sales decreased by 2,9% in the first quarter of 2024 compared with the fourth quarter of 2023. The main negative contributor to this decrease was new vehicle sales (-9,8% and contributing -2,5 percentage points) – see Table C.









4

Sales at current prices: results for March 2024

Table D – Key growth rates in motor trade sales at curre	nt prices
--	-----------

	Oct-23	Nov-23	Dec-23	Jan-24	Feb-24	Mar-24
Year-on-year % change, unadjusted	5,7	2,5	1,6	8,6	7,6	-4,4
Month-on-month % change, seasonally adjusted	2,6	-1,0	1,5	-1,2	0,9	-5,9
3-month % change, seasonally adjusted ¹	1,8	1,8	2,9	1,4	1,2	-1,9

¹ Percentage change between the previous three months and the three months ending in the month indicated.

Table E – Motor trade sales at current prices for the latest three months by type of activity

Type of activity	Jan – Mar 2023 (R million)	Weight (%)	Jan – Mar 2024 (R million)	% change between Jan – Mar 2023 and Jan – Mar 2024	Contribution (% points) to the total % change
New vehicle sales	54 271	24,3	53 277	-1,8	-0,4
Used vehicle sales	42 286	18,9	44 344	4,9	0,9
Workshop income	9 074	4,1	8 811	-2,9	-0,1
Income from the sales of accessories	44 990	20,1	47 382	5,3	1,1
Income from fuel sales	68 015	30,4	72 680	6,9	2,1
Income from convenience store sales 1	5 157	2,3	5 483	6,3	0,1
Total	223 792	100,0	231 981	3,7	3,7

¹ Includes 'other' sales and trading income.

Table F – Seasonally adjusted motor trade sales at current prices for the latest three months by type of activity

Type of activity	Oct – Dec 2023 (R million)	Weight (%)	Jan – Mar 2024 (R million)	% change between Oct – Dec 2023 and Jan – Mar 2024	Contribution (% points) to the total % change
New vehicle sales	56 675	23,6	52 484	-7,4	-1,7
Used vehicle sales	44 473	18,5	44 908	1,0	0,2
Workshop income	9 328	3,9	9 108	-2,4	-0,1
Income from the sales of accessories	48 012	20,0	48 255	0,5	0,1
Income from fuel sales	76 298	31,8	75 453	-1,1	-0,3
Income from convenience store sales 1	5 513	2,3	5 520	0,1	0,0
Total	240 300	100,0	235 727	-1,9	-1,9

blee **Risenga Maluleke**

Statistician-General

Tables

Table 1 – Motor trade sales at constant 2019 prices (R million)

Month	2018	2019	2020	2021	2022	2023	2024 ¹
Jan	62 312	61 753	59 702	52 879	57 639	56 393	57 942
Feb	62 692	59 753	60 040	55 693	58 531	57 321	58 077
Mar	68 754	62 693	51 126	60 913	62 043	60 688	54 362
Apr	57 551	60 446	10 861	56 575	56 417	53 792	
Мау	64 236	61 985	33 714	58 216	60 095	60 198	
Jun	62 367	58 869	53 146	56 275	56 175	59 426	
Jul	63 154	65 249	55 759	52 518	57 738	59 000	
Aug	64 255	64 265	56 059	57 647	61 553	60 076	
Sep	60 591	59 748	58 770	59 193	62 870	57 946	
Oct	65 909	65 621	60 169	59 648	61 234	59 641	
Nov	65 580	63 553	59 843	62 098	62 745	60 933	
Dec	57 263	57 716	57 097	56 602	57 923	56 467	
Total	754 664	741 651	616 286	688 257	714 963	701 881	

¹ Figures for the latest month are preliminary.

Table 2 – Year-on-year percentage change in motor trade sales at constant 2019 prices

Month	2019	2020	2021	2022	2023	2024	2024 year-to-date
Jan	-0,9	-3,3	-11,4	9,0	-2,2	2,7	2,7
Feb	-4,7	0,5	-7,2	5,1	-2,1	1,3	2,0
Mar	-8,8	-18,5	19,1	1,9	-2,2	-10,4	-2,3
Apr	5,0	-82,0	420,9	-0,3	-4,7		
May	-3,5	-45,6	72,7	3,2	0,2		
Jun	-5,6	-9,7	5,9	-0,2	5,8		
Jul	3,3	-14,5	-5,8	9,9	2,2		
Aug	0,0	-12,8	2,8	6,8	-2,4		
Sep	-1,4	-1,6	0,7	6,2	-7,8		
Oct	-0,4	-8,3	-0,9	2,7	-2,6		
Nov	-3,1	-5,8	3,8	1,0	-2,9		
Dec	0,8	-1,1	-0,9	2,3	-2,5		
Total	-1,7	-16,9	11,7	3,9	-1,8		

Table 3 – Seasonally adjusted motor trade sales at constant 2019 prices

Month		R mi	llion		Month-on-month % change				
Month	2021	2022	2023	2024	2021	2022	2023	2024	
Jan	55 515	60 233	58 021	58 457	-6,0	2,3	-3,0	-2,8	
Feb	57 142	60 004	58 704	58 397	2,9	-0,4	1,2	-0,1	
Mar	58 214	59 547	58 659	54 307	1,9	-0,8	-0,1	-7,0	
Apr	58 958	59 234	58 280		1,3	-0,5	-0,6		
Мау	58 779	59 916	58 981		-0,3	1,2	1,2		
Jun	57 409	57 082	59 674		-2,3	-4,7	1,2		
Jul	50 905	58 205	59 412		-11,3	2,0	-0,4		
Aug	57 416	60 177	58 545		12,8	3,4	-1,5		
Sep	58 221	60 882	56 879		1,4	1,2	-2,8		
Oct	58 291	59 860	57 795		0,1	-1,7	1,6		
Nov	58 817	60 312	58 368		0,9	0,8	1,0		
Dec	58 851	59 793	60 170		0,1	-0,9	3,1		

Table 4 – Motor trade sales at constant 2019 prices by type of activity (R million)

Type of activity	Oct-23	Nov-23	Dec-23	Jan-24	Feb-24	Mar-24 ¹
New vehicle sales	15 050	14 896	13 347	14 157	14 369	12 129
Used vehicle sales	11 963	12 755	10 840	11 942	11 733	11 179
Workshop income	2 773	2 802	2 269	2 248	2 674	2 395
Income from the sales of accessories	12 753	12 636	10 529	11 679	12 183	11 343
Income from fuel sales	15 756	16 444	17 878	16 578	15 791	15 924
Income from convenience store sales 2	1 346	1 400	1 604	1 338	1 327	1 392
Total	59 641	60 933	56 467	57 942	58 077	54 362

¹ Figures are preliminary.
 ² Includes 'other' sales and trading income.

Table 5 – Year-on-year percentage change in motor trade sales at constant 2019 prices by type of activity

Type of activity	Oct-23	Nov-23	Dec-23	Jan-24	Feb-24	Mar-24
New vehicle sales	-2,8	-10,2	-13,9	3,8	-3,9	-23,7
Used vehicle sales	-8,7	-2,1	2,0	4,4	4,4	-9,3
Workshop income	-4,3	-9,4	-13,2	-7,3	0,5	-14,3
Income from the sales of accessories	10,1	1,0	-0,1	5,0	3,5	-9,9
Income from fuel sales	-5,6	1,6	4,8	1,2	2,6	1,7
Income from convenience store sales 1	-7,9	3,8	3,0	-4,4	2,2	-3,1
Total	-2,6	-2,9	-2,5	2,7	1,3	-10,4

¹ Includes 'other' sales and trading income.

Table 6 - Contribution of each type of activity to the year-on-year percentage change in motor trade sales at constant 2019 prices

Type of activity	Oct-23	Nov-23	Dec-23	Jan-24	Feb-24	Mar-24
New vehicle sales	-0,7	-2,7	-3,7	0,9	-1,0	-6,2
Used vehicle sales	-1,9	-0,4	0,4	0,9	0,9	-1,9
Workshop income	-0,2	-0,5	-0,6	-0,3	0,0	-0,7
Income from the sales of accessories	1,9	0,2	0,0	1,0	0,7	-2,0
Income from fuel sales	-1,5	0,4	1,4	0,3	0,7	0,4
Income from convenience store sales ¹	-0,2	0,1	0,1	-0,1	0,1	-0,1
Total	-2,6	-2,9	-2,5	2,7	1,3	-10,4

Table 7 – Seasonally adjusted motor trade sales at constant 2019 prices by type of activity (R million)

Type of activity	Oct-23	Nov-23	Dec-23	Jan-24	Feb-24	Mar-24	Month- on- month % change
New vehicle sales	14 803	14 391	15 436	14 290	14 402	11 560	-19,7
Used vehicle sales	11 135	11 733	12 638	11 835	11 754	11 542	-1,8
Workshop income	2 707	2 664	2 501	2 481	2 487	2 491	0,2
Income from the sales of accessories	12 774	12 087	11 347	12 131	12 229	11 274	-7,8
Income from fuel sales	15 083	16 106	16 826	16 369	16 183	16 094	-0,5
Income from convenience store sales 1	1 293	1 388	1 423	1 351	1 342	1 347	0,4
Total	57 795	58 368	60 170	58 457	58 397	54 307	-7,0

Table 8 – Motor trade sales at current prices (R million)

Month	2018	2019	2020	2021	2022	2023	2024 ¹
Jan	58 657	59 541	60 290	54 016	65 933	71 808	77 952
Feb	58 963	57 901	60 690	57 837	67 781	73 197	78 726
Mar	64 527	61 534	51 552	64 253	73 561	78 787	75 303
Apr	54 884	60 799	10 237	60 682	68 150	70 413	
Мау	61 995	62 861	31 301	62 612	73 534	78 795	
Jun	61 110	59 989	51 939	60 618	70 764	77 244	
Jul	62 377	65 542	56 241	56 989	75 235	77 318	
Aug	63 692	64 618	56 829	63 528	79 174	79 511	
Sep	60 197	60 231	59 720	65 406	79 964	78 544	
Oct	66 798	66 304	60 910	66 285	78 039	82 456	
Nov	66 810	64 044	60 418	70 375	81 154	83 220	
Dec	56 927	58 296	57 354	65 177	76 054	77 295	
Total	736 937	741 660	617 481	747 778	889 343	928 588	

¹ Figures for the latest month are preliminary.

Table 9 – Year-on-year percentage change in motor trade sales at current prices

Month	2019	2020	2021	2022	2023	2024	2024 year-to-date
Jan	1,5	1,3	-10,4	22,1	8,9	8,6	8,6
Feb	-1,8	4,8	-4,7	17,2	8,0	7,6	8,1
Mar	-4,6	-16,2	24,6	14,5	7,1	-4,4	3,7
Apr	10,8	-83,2	492,8	12,3	3,3		
May	1,4	-50,2	100,0	17,4	7,2		
Jun	-1,8	-13,4	16,7	16,7	9,2		
Jul	5,1	-14,2	1,3	32,0	2,8		
Aug	1,5	-12,1	11,8	24,6	0,4		
Sep	0,1	-0,8	9,5	22,3	-1,8		
Oct	-0,7	-8,1	8,8	17,7	5,7		
Nov	-4,1	-5,7	16,5	15,3	2,5		
Dec	2,4	-1,6	13,6	16,7	1,6		
Total	0,6	-16,7	21,1	18,9	4,4		

Table 10 – Seasonally adjusted motor trade sales at current prices

Mandh		R mi	llion			Month-on-mo	nth % change	
Month	2021	2022	2023	2024	2021	2022	2023	2024
Jan	57 938	69 868	74 779	79 697	-1,6	4,7	-4,0	-1,2
Feb	59 920	69 916	75 314	80 406	3,4	0,1	0,7	0,9
Mar	61 584	70 732	76 094	75 624	2,8	1,2	1,0	-5,9
Apr	62 531	70 963	74 874		1,5	0,3	-1,6	
Мау	62 711	72 448	76 382		0,3	2,1	2,0	
Jun	61 634	72 015	78 268		-1,7	-0,6	2,5	
Jul	55 344	75 298	77 473		-10,2	4,6	-1,0	
Aug	63 029	77 623	77 987		13,9	3,1	0,7	
Sep	64 531	78 701	78 172		2,4	1,4	0,2	
Oct	64 900	76 749	80 233		0,6	-2,5	2,6	
Nov	66 504	77 475	79 438		2,5	0,9	-1,0	
Dec	66 739	77 928	80 629		0,4	0,6	1,5	

10

Table 11 – Motor trade sales at current prices by type of activity (R million)

Type of activity	Oct-23	Nov-23	Dec-23	Jan-24	Feb-24	Mar-24 ¹
New vehicle sales	19 388	19 244	17 391	18 568	18 788	15 921
Used vehicle sales	15 109	16 179	13 752	15 178	14 928	14 238
Workshop income	3 227	3 270	2 651	2 702	3 215	2 894
Income from the sales of accessories	16 876	16 781	13 952	15 611	16 407	15 364
Income from fuel sales	26 070	25 879	27 406	24 092	23 595	24 993
Income from convenience store sales ²	1 786	1 867	2 144	1 800	1 792	1 891
Total	82 456	83 220	77 295	77 952	78 726	75 303

¹ Figures are preliminary. ² Includes 'other' sales and trading income.

Table 12 – Year-on-year percentage change in motor trade sales at current prices by type of activity

Type of activity	Oct-23	Nov-23	Dec-23	Jan-24	Feb-24	Mar-24
New vehicle sales	6,1	-3,0	-6,5	12,3	3,1	-18,4
Used vehicle sales	-1,6	4,6	8,4	10,5	9,9	-4,9
Workshop income	-0,6	-5,6	-9,6	-2,9	5,0	-10,4
Income from the sales of accessories	17,3	6,8	6,0	11,7	10,0	-4,6
Income from fuel sales	4,2	3,4	2,4	4,5	8,2	8,0
Income from convenience store sales 1	1,1	13,9	13,0	4,3	10,8	4,2
Total	5,7	2,5	1,6	8,6	7,6	-4,4

¹ Includes 'other' sales and trading income.

Table 13 – Contribution of each type of activity to the year-on-year percentage change in motor trade sales at current prices

Type of activity	Oct-23	Nov-23	Dec-23	Jan-24	Feb-24	Mar-24
New vehicle sales	1,4	-0,7	-1,6	2,8	0,8	-4,6
Used vehicle sales	-0,3	0,9	1,4	2,0	1,8	-0,9
Workshop income	0,0	-0,2	-0,4	-0,1	0,2	-0,4
Income from the sales of accessories	3,2	1,3	1,0	2,3	2,0	-0,9
Income from fuel sales	1,3	1,0	0,8	1,4	2,4	2,4
Income from convenience store sales ¹	0,0	0,3	0,3	0,1	0,2	0,1
Total	5,7	2,5	1,6	8,6	7,6	-4,4

Table 14 – Seasonally adjusted motor trade sales at current prices by type of activity (R million)

Type of activity	Oct-23	Nov-23	Dec-23	Jan-24	Feb-24	Mar-24	Month- on- month % change
New vehicle sales	19 345	18 563	18 767	18 733	18 614	15 137	-18,7
Used vehicle sales	14 232	14 950	15 291	15 216	15 168	14 524	-4,2
Workshop income	3 151	3 124	3 053	2 858	3 238	3 012	-7,0
Income from the sales of accessories	16 305	15 843	15 864	16 029	16 300	15 926	-2,3
Income from fuel sales	25 465	25 112	25 721	25 050	25 218	25 185	-0, 1
Income from convenience store sales 1	1 735	1 845	1 933	1 811	1 869	1 840	-1,6
Total	80 233	79 438	80 629	79 697	80 406	75 624	-5,9

Explanatory notes

Related publications

9

•

Introduction	1	Statistics South Africa (Stats SA) conducts a monthly survey covering enterprises in the motor trade industry (see point 4 below). This survey is based on a sample drawn from Stats SA's 2023 statistical business register (SBR) that contains businesses registered at the South African Revenue Service (SARS) for value- added tax (VAT). Stats SA continuously updates its SBR, which is linked to the SARS administrative data.
	2	In order to improve timeliness, some information for the latest month had to be estimated due to late response. These estimates will be revised in future statistical releases as soon as information becomes available. Published motor trade sales estimates exclude VAT.
Purpose of the survey	3	The results of the monthly motor 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	 The survey collects information from a sample of enterprises in South Africa that are predominantly involved in motor trade. These enterprises include: motor vehicle dealers, filling stations and workshops; motor cycle dealers; spares and accessories; tyre dealers; automotive electricians; radiator repairs; panel beaters and spray painters; 'other' specialised motor repair services; and 'other' motor trade.
Classification	5	The 1993 edition of the <i>Standard Industrial Classification of All Economic Activities</i> (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 <i>International Standard Industrial Classification of All Economic Activities</i> (ISIC) with suitable adaptations for local conditions. Each enterprise is classified to the industry which reflects its predominant activity. Statistics in this publication are presented at SIC group four-digit level.
Collection rate	6	The preliminary collection rate for the survey on motor trade sales for March 2024 was 68,7%. The improved collection rate for February 2024 was 72,6%.
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 and service activities.
Revised figures	8	Revised figures are mainly due to late submission of data to Stats SA, or respondents reporting revisions or corrections to their figures. Preliminary figures, as indicated in the relevant tables, are subject to change and when revised will not be indicated as such.

Stats in Brief issued annually.

Users may also refer to the following publication available from Stats SA:

Rounding-off of figures	10	Where figures have been rounded off, discrepancies may occur between sums of the component items and the totals.
Historical data	11	Historical motor trade data are available on the Stats SA website. To access the data electronically, use the following link: <u>Click to download historical data</u> .
Past publications	12	Past motor trade releases are available on the Stats SA website. To access the releases electronically, use the following link: <u>Click to download past releases</u> .

Technical notes

Survey 1 The survey is conducted monthly. Questionnaires are sent to a sample of 978 enterprises from a population of 10 515 enterprises. Completed questionnaires are required to be returned to Stats SA within 10 days after the end of the reference month. Email, fax and telephone reminders are used to follow up on non-respondents.

2 A stratified random sample was drawn in April 2023 from Stats SA's statistical business register (SBR) at the SIC four-digit level. Strata were formed using a combination of SIC and the measure of size classes for enterprises (see point 3 below).

The Neyman optimal allocation formula given below was used to allocate samples to each stratum.

$$nh = n * (Nh * Sh) / [\Sigma (Ni * Si)].$$

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 was 6,6%.

Class limits 3 Each motor trade classification group (SIC at four-digit level) is divided into four size groups. All large enterprises (size group one) are completely enumerated. Simple random sampling is applied to medium and small enterprises (size groups two, three and four). The total value of sales of the large enterprises (size group one) per classification group is added to the weighted totals of size groups two, three and four to reflect the total value of sales.

Measure of size classes (Rand)

Enterprise size	Size group	Lower limit	Upper limit
Very small	4	2 663 691	18 000 000
Small	3	18 000 001	85 500 000
Medium	2	85 500 001	175 500 000
Large	1	175 500 001	

Sample weighting

4

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 classification group estimates. These procedures are consistent with international best practice.

- Seasonal 5 Seasonally adjusted estimates are generated each month using the X-12-ARIMA Seasonal Adjustment Program developed by the United States Census Bureau. adjustment 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 recognised more clearly. 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. The X-12-ARIMA procedure for motor trade sales is described in more detail on the Stats SA website at: Click to download seasonal adjustment motor trade sales January 2023. Trend cycle 6 The trend is the long-term pattern or movement of a time series. The X-12-ARIMA Seasonal Adjustment Program is used for smoothing seasonally adjusted estimates
- Constant prices7 Motor trade sales at constant prices by type of activity are obtained by deflating estimated sales at current prices by the relevant weighted price index. To obtain total motor trade sales at constant prices, estimates of the deflated sales for each type of activity are aggregated.

to estimates of the underlying trend cycle.

- Reliability of estimates
 B 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 motor trade industry in South Africa. Estimates are subject to sampling and non-sampling errors.
 - 9 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.
- **Relative standard 10** One measure is the standard error (SE), which indicates the extent to which an estimate might have varied by chance because only a sample of enterprises was used. The relative standard error (RSE) provides an immediate indication of the percentage errors likely to have occurred due to sampling, and thus avoids the need to refer to the size of the estimate.

Estimates of total motor trade sales within 95% confidence limits – March 2024

	Lower limit (R million)	Sales (R million)	Upper limit (R million)	Relative standard error (RSE) %
Motor trade sales	69 019	75 303	81 588	4,2

Month-on-month11The month-on-month percentage change in a variable for any given month is the
change between that month and the previous month, expressed as a percentage of
the latter.

- Year-on-year
percentage12The year-on-year percentage change in a variable for any given period is the change
between that period and the corresponding period of the previous year, expressed as
a percentage of the latter.
- Contribution
(percentage
points)13The contribution (percentage points) to the year-on-year percentage change is
calculated by multiplying the percentage change of each type of activity by its
corresponding weight, divided by 100. The weight is the percentage contribution of
each type of activity to total motor trade sales in the corresponding period of the
previous year.

Glossary		
Enterprise		e is a legal entity or a combination of legal units that includes and directly unctions 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</i> (SNA) in the same way as in the <i>Standard Industrial Classification of All Economic Activities</i> (SIC), Fifth Edition, Report No. 09-90-02 of January 1993.	
Symbols and abbreviations	GDP ISIC SARS SBR SIC Stats SA VAT	Gross domestic product International Standard Industrial Classification South African Revenue Service Statistical business register Standard Industrial Classification of All Economic Activities Statistics South Africa Value-added tax

Technical enquiries

Peter Makota	Telephone number: (012) 310 4837 Email: petermak@statssa.gov.za
JP Terblanche	Telephone number: (012) 310 2965 Email: juan-pierret@statssa.gov.za

General information

Stats SA publishes approximately 300 different statistical releases each year. It is not economically viable to produce them in more than one of South Africa's 12 official languages. Since the releases are used extensively, not only locally but also by international economic and social-scientific communities, Stats SA releases are published in English only.

Stats SA has copyright on this publication. Users may apply the information as they wish, provided that they acknowledge Stats SA as the source of the basic data wherever they process, apply, utilise, publish or distribute the data; and also that they specify that the relevant application and analysis (where applicable) result from their own processing of the data.

Advance release calendar

A release calendar is disseminated on www.statssa.gov.za.

Stats SA products

A complete set of Stats SA publications is available at the Stats SA Library and the following libraries:

National Library of South Africa, Pretoria Division National Library of South Africa, Cape Town Division Natal Society Library, Pietermaritzburg Library of Parliament, Cape Town Bloemfontein Public Library Johannesburg Public Library Eastern Cape Library Services, Qonce Central Regional Library, Polokwane Central Reference Library, Mbombela Central Reference Collection, Kimberley Central Reference Library, Mmabatho

Stats SA also provides a subscription service.

Electronic services

A large range of data is available via online services. For more details about our electronic services, contact Stats SA's user information service at (012) 310 8600.

You can visit us on the internet at: www.statssa.gov.za.

General enquiries

User information services	Telephone number: (012) 310 8600 Email address: info@statssa.gov.za
Orders/subscription services	Telephone number: (012) 310 8619 Email address: millies@statssa.gov.za
Postal address	Private Bag X44, Pretoria, 0001

Produced by Stats SA