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Contents

Summary of findings: Wholesale trade sales2

Table A – Key figures for September 20102

Table B – Contribution of each type of dealer to the percentage change in wholesale trade sales at current prices3

Detailed results5

Table 1 – Wholesale trade sales according to the type of dealer at current prices (R million)5

Description of type of dealer included in a specific group type as indicated in Table 16

Table 2 – Total wholesale trade sales at current prices (R million).....7

Table 3 – Percentage change in total wholesale trade sales at current prices7

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 prices8

Table 7 – Seasonally adjusted total wholesale trade sales at constant 2000 prices (R million).....8

Table 8.1 – Quarterly and annual cumulative estimates and percentage changes9

Table 8.2 – Seasonally adjusted monthly and quarterly estimates and percentage changes9

Explanatory notes10

Technical note.....13

Glossary.....13

General information.....14

Summary of findings: Wholesale trade sales

Table A – Key figures for September 2010

| Actual wholesale trade sales estimates | September 2010 (R million) | % change between September 2009 and September 2010 | % change between July to September 2009 and July to September 2010 | % change between January to September 2009 and January to September 2010 |
|--|----------------------------|--|--|--|
| At current prices | 84 688 | 11,9 | 10,5 | 6,0 |
| At constant 2000 prices | 45 188 | 5,5 | 4,3 | 1,3 |

| Seasonally adjusted estimates | September 2010 (R million) | % change between August and September 2010 | % change between April to June 2010 and July to September 2010 |
|-------------------------------|----------------------------|--|--|
| At current prices | 83 027 | 1,2 | 0,3 |
| At constant 2000 prices | 44 260 | 0,5 | 0,1 |

Key findings for September 2010

Wholesale trade sales in real terms

Wholesale trade sales, at constant 2000 prices, for the third quarter of 2010 increased by 4,3% compared with the third quarter of 2009, while sales for the same period in 2009 decreased by 10,7%. Seasonally adjusted wholesale trade sales for the third quarter of 2010 increased by 0,1% compared with the second quarter of 2010.

Wholesale trade sales, at constant 2000 prices, for September 2010 increased by 5,5% compared with September 2009.

Wholesale trade sales in nominal terms

Wholesale trade sales, at current prices, for the third quarter of 2010 increased by 10,5% compared with the third quarter of 2009. The major contributors to this increase were dealers in solid, liquid and gaseous fuels and related products (21,9% and contributing 4,1 percentage points) and dealers in food, beverages and tobacco (15,6% and contributing 2,6 percentage points) – see Table B on page 3.

Wholesale trade sales, at current prices, for September 2010 increased by 11,9% compared with September 2009, while sales for the corresponding period in 2009 decreased by 15,7%.

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

| Type of wholesale dealer | Sales July to September 2009 (R million) | Weight 1/ | Sales July to September 2010 (R million) | Difference in sales between July to September 2009 and July to September 2010 (R million) | % change between July to September 2009 and July to September 2010 | Contribution (% points) to the % change in total sales 2/ |
|--|--|--------------|--|---|--|---|
| Fee or contract basis | 14 429 | 6,4 | 16 795 | 2 366 | 16,4 | 1,0 |
| Agricultural raw materials and livestock | 13 431 | 5,9 | 13 303 | -128 | -1,0 | -0,1 |
| Food, beverages and tobacco | 37 535 | 16,6 | 43 399 | 5 864 | 15,6 | 2,6 |
| Textiles, clothing and footwear | 6 520 | 2,9 | 7 081 | 561 | 8,6 | 0,2 |
| Other household goods except precious stones | 24 610 | 10,9 | 27 024 | 2 414 | 9,8 | 1,1 |
| Precious stones, jewellery and silverware | 969 | 0,4 | 1 474 | 505 | 52,1 | 0,2 |
| Solid, liquid and gaseous fuels and related products | 41 828 | 18,5 | 50 980 | 9 152 | 21,9 | 4,1 |
| Metals and metal ores | 8 528 | 3,8 | 8 858 | 330 | 3,9 | 0,1 |
| Construction and building materials | 11 295 | 5,0 | 12 368 | 1 073 | 9,5 | 0,5 |
| Other intermediate products, waste and scrap | 8 561 | 3,8 | 9 012 | 451 | 5,3 | 0,2 |
| Machinery, equipment and supplies | 36 356 | 16,1 | 38 561 | 2 205 | 6,1 | 1,0 |
| Other goods | 21 837 | 9,7 | 20 790 | -1 047 | -4,8 | -0,5 |
| Total 3/ | 225 900 | 100,0 | 249 641 | 23 741 | 10,5 | 10,5 |

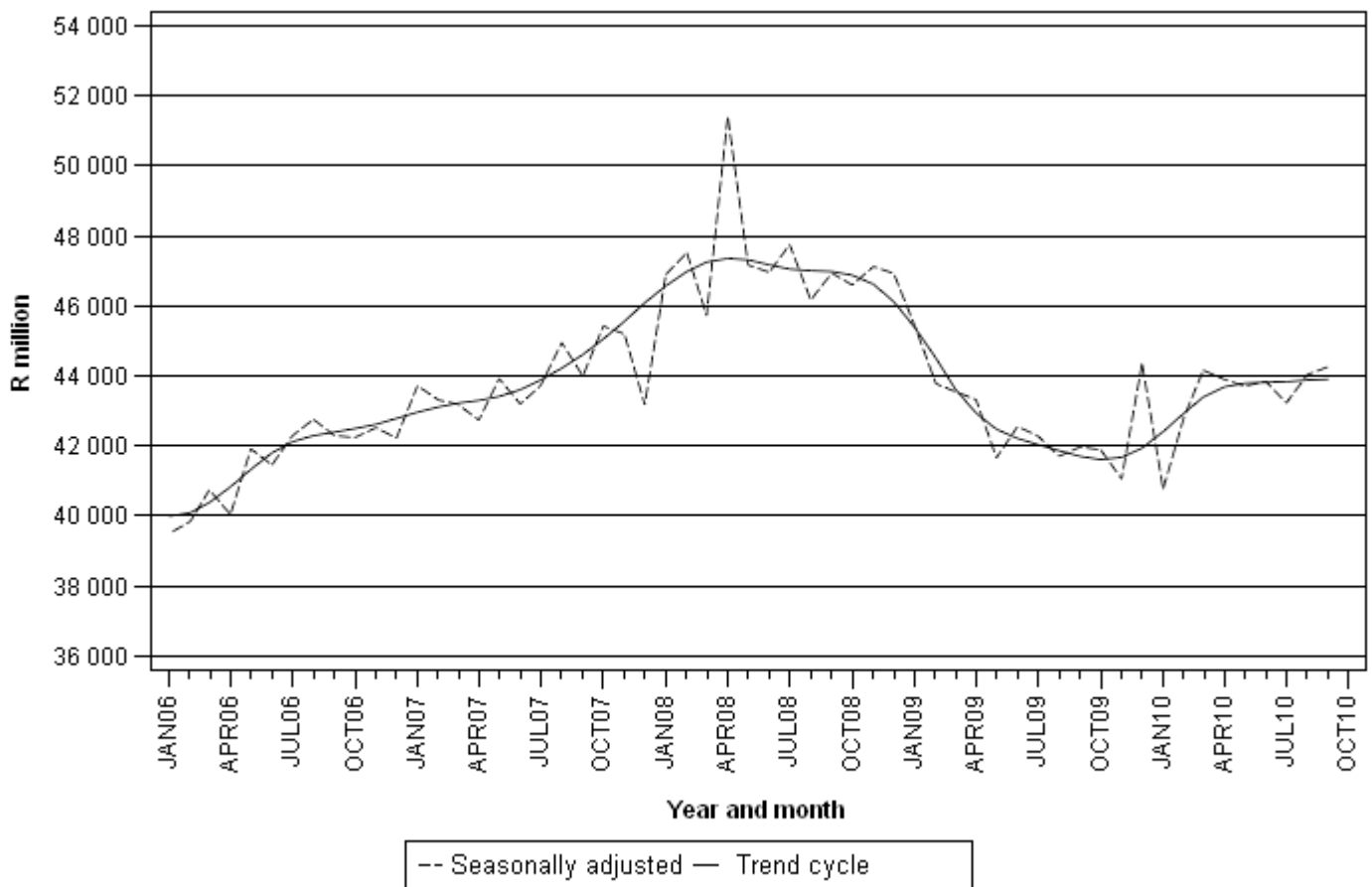
1/ Weight is the percentage contribution of each type of dealer to the total wholesale trade sales for the three months up to the current month of the previous year.

2/ The contribution to the percentage change is calculated by multiplying the percentage change of each type of dealer with its corresponding weight, divided by 100.

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

Figure 1 below shows the seasonally adjusted and trend patterns for wholesale trade sales at constant 2000 prices between January 2006 and September 2010.

Figure 1 – Wholesale trade sales at constant 2000 prices



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Detailed results

Outlined below in Table 1 are wholesale trade sales according to type of dealer (see description of type of dealer on page 6).

Table 1 – 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 | Type H | Type I | Type J | Type K | Type L | Total 2/ |
|-------------------|------------------|---------------|---------------|----------------|---------------|---------------|--------------|----------------|---------------|---------------|---------------|----------------|---------------|----------------|
| 2009 | January | 4 382 | 4 363 | 12 695 | 1 461 | 7 313 | 159 | 14 916 | 2 882 | 2 991 | 2 814 | 12 769 | 6 801 | 73 546 |
| | February | 5 025 | 4 407 | 12 743 | 2 136 | 7 764 | 341 | 12 133 | 2 902 | 3 797 | 2 584 | 13 577 | 7 484 | 74 894 |
| | March | 5 441 | 4 345 | 12 982 | 2 583 | 8 309 | 576 | 13 095 | 2 796 | 4 015 | 2 606 | 14 898 | 7 648 | 79 294 |
| | April | 4 743 | 3 853 | 12 293 | 2 386 | 7 684 | 542 | 11 875 | 2 463 | 3 438 | 2 266 | 12 729 | 7 666 | 71 939 |
| | May | 4 023 | 4 390 | 12 801 | 2 400 | 8 051 | 676 | 12 226 | 2 615 | 3 789 | 2 634 | 11 621 | 7 723 | 72 950 |
| | June | 4 045 | 4 436 | 12 436 | 2 085 | 8 119 | 362 | 12 848 | 2 808 | 3 810 | 2 590 | 13 906 | 7 548 | 74 993 |
| | July | 5 068 | 4 645 | 12 022 | 1 985 | 8 094 | 287 | 14 488 | 2 922 | 3 930 | 2 718 | 11 966 | 7 597 | 75 723 |
| | August | 4 617 | 4 370 | 12 453 | 2 161 | 8 048 | 350 | 14 132 | 2 733 | 3 606 | 2 799 | 12 234 | 6 962 | 74 466 |
| | September | 4 744 | 4 416 | 13 060 | 2 374 | 8 468 | 332 | 13 208 | 2 873 | 3 759 | 3 044 | 12 156 | 7 278 | 75 711 |
| | October | 4 554 | 4 579 | 12 856 | 2 310 | 9 169 | 615 | 14 855 | 3 081 | 4 175 | 3 560 | 13 079 | 7 669 | 80 503 |
| | November | 5 015 | 4 907 | 14 203 | 2 476 | 9 319 | 346 | 14 547 | 3 003 | 4 215 | 3 644 | 12 863 | 8 191 | 82 729 |
| | December | 5 525 | 4 809 | 16 251 | 1 913 | 8 569 | 424 | 14 350 | 2 088 | 2 752 | 2 922 | 12 419 | 8 033 | 80 052 |
| | Total | 57 182 | 53 520 | 156 795 | 26 270 | 98 907 | 5 010 | 162 673 | 33 166 | 44 277 | 34 181 | 154 217 | 90 600 | 916 800 |
| 2010 | January | 4 623 | 3 551 | 12 064 | 1 612 | 6 924 | 194 | 13 945 | 2 500 | 2 897 | 2 543 | 9 980 | 6 497 | 67 331 |
| | February | 5 370 | 3 996 | 12 499 | 2 065 | 7 791 | 665 | 14 219 | 2 693 | 3 494 | 2 975 | 11 728 | 7 649 | 75 145 |
| | March | 5 801 | 3 954 | 12 642 | 2 386 | 8 688 | 510 | 15 999 | 3 057 | 4 154 | 3 171 | 13 987 | 8 361 | 82 708 |
| | April | 4 665 | 3 440 | 12 822 | 2 485 | 8 590 | 477 | 15 034 | 3 047 | 3 840 | 2 593 | 12 131 | 6 987 | 76 111 |
| | May | 5 081 | 3 687 | 13 939 | 2 211 | 8 727 | 588 | 16 518 | 3 156 | 4 050 | 2 737 | 12 398 | 7 238 | 80 331 |
| | June | 5 087 | 4 459 | 13 738 | 2 090 | 8 751 | 574 | 17 742 | 3 188 | 3 861 | 2 876 | 13 205 | 7 008 | 82 577 |
| | July | 5 711 | 4 970 | 13 816 | 2 230 | 8 615 | 623 | 17 156 | 2 989 | 4 043 | 2 793 | 12 203 | 6 735 | 81 883 |
| | August | 5 360 | 4 089 | 14 638 | 2 306 | 9 030 | 433 | 17 419 | 2 924 | 4 016 | 2 967 | 12 887 | 7 002 | 83 070 |
| | September | 5 724 | 4 244 | 14 945 | 2 545 | 9 379 | 418 | 16 405 | 2 945 | 4 309 | 3 252 | 13 471 | 7 053 | 84 688 |

1/ Figures are preliminary

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

Description of type of dealer included in a specific group type as indicated in Table 1 ^{1/}

| 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 4 on page 10 for more detailed specifications.

Tables 2 and 3 show total wholesale trade sales (actual values and annual percentage changes) at current prices over the period January 2003 – September 2010. Table 4 shows seasonally adjusted wholesale trade sales at current prices over the same period.

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

| Month | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 ^{1/} | 2010 ^{1/} |
|--------------|----------------|----------------|----------------|----------------|----------------|------------------|--------------------|--------------------|
| January | 36 346 | 38 049 | 42 575 | 47 258 | 58 391 | 69 813 | 73 546 | 67 331 |
| February | 41 579 | 42 973 | 44 565 | 51 827 | 62 630 | 76 561 | 74 894 | 75 145 |
| March | 42 773 | 46 520 | 47 590 | 56 092 | 67 058 | 79 884 | 79 294 | 82 708 |
| April | 39 648 | 41 545 | 48 941 | 50 811 | 61 517 | 83 509 | 71 939 | 76 111 |
| May | 41 910 | 50 150 | 50 901 | 58 973 | 69 661 | 86 779 | 72 950 | 80 331 |
| June | 43 298 | 51 641 | 52 778 | 59 678 | 69 765 | 88 149 | 74 993 | 82 577 |
| July | 44 123 | 49 471 | 52 629 | 61 630 | 71 304 | 91 466 | 75 723 | 81 883 |
| August | 42 350 | 50 458 | 54 214 | 64 001 | 73 714 | 88 746 | 74 466 | 83 070 |
| September | 43 266 | 51 032 | 56 313 | 64 025 | 72 859 | 89 791 | 75 711 | 84 688 |
| October | 45 565 | 55 247 | 58 201 | 68 204 | 80 442 | 93 965 | 80 503 | |
| November | 46 520 | 58 872 | 62 369 | 72 646 | 84 120 | 97 566 | 82 729 | |
| December | 39 763 | 50 795 | 53 966 | 63 148 | 71 024 | 84 966 | 80 052 | |
| Total | 507 141 | 586 753 | 625 042 | 718 293 | 842 485 | 1 031 195 | 916 800 | |

1/ Preliminary

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

| Month | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 |
|--------------|------------|-------------|------------|-------------|-------------|-------------|--------------|------|
| January | 8,7 | 4,7 | 11,9 | 11,0 | 23,6 | 19,6 | 5,3 | -8,5 |
| February | 18,0 | 3,4 | 3,7 | 16,3 | 20,8 | 22,2 | -2,2 | 0,3 |
| March | 14,1 | 8,8 | 2,3 | 17,9 | 19,6 | 19,1 | -0,7 | 4,3 |
| April | 6,2 | 4,8 | 17,8 | 3,8 | 21,1 | 35,7 | -13,9 | 5,8 |
| May | 10,2 | 19,7 | 1,5 | 15,9 | 18,1 | 24,6 | -15,9 | 10,1 |
| June | 15,9 | 19,3 | 2,2 | 13,1 | 16,9 | 26,4 | -14,9 | 10,1 |
| July | 20,0 | 12,1 | 6,4 | 17,1 | 15,7 | 28,3 | -17,2 | 8,1 |
| August | 11,7 | 19,1 | 7,4 | 18,1 | 15,2 | 20,4 | -16,1 | 11,6 |
| September | 8,8 | 17,9 | 10,3 | 13,7 | 13,8 | 23,2 | -15,7 | 11,9 |
| October | 2,1 | 21,2 | 5,3 | 17,2 | 17,9 | 16,8 | -14,3 | |
| November | 5,6 | 26,6 | 5,9 | 16,5 | 15,8 | 16,0 | -15,2 | |
| December | -0,5 | 27,7 | 6,2 | 17,0 | 12,5 | 19,6 | -5,8 | |
| Total | 9,8 | 15,7 | 6,5 | 14,9 | 17,3 | 22,4 | -11,1 | |

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

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

| Month | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 |
|-----------|--------|--------|--------|--------|--------|--------|--------|--------|
| January | 40 986 | 43 377 | 48 920 | 54 400 | 67 024 | 79 736 | 83 758 | 76 566 |
| February | 43 042 | 44 841 | 46 947 | 54 989 | 66 768 | 81 678 | 79 825 | 80 026 |
| March | 42 555 | 46 448 | 47 635 | 56 246 | 67 105 | 79 617 | 78 714 | 81 947 |
| April | 42 196 | 44 448 | 52 592 | 54 695 | 66 176 | 89 709 | 77 160 | 81 532 |
| May | 41 653 | 49 862 | 50 576 | 58 759 | 69 652 | 87 193 | 73 566 | 81 244 |
| June | 42 710 | 50 863 | 52 028 | 58 935 | 69 117 | 87 447 | 74 411 | 81 922 |
| July | 44 560 | 49 539 | 52 323 | 60 860 | 70 157 | 89 701 | 74 229 | 80 252 |
| August | 42 292 | 50 040 | 53 377 | 62 754 | 72 272 | 87 101 | 73 311 | 82 035 |
| September | 42 441 | 49 917 | 55 086 | 62 626 | 71 368 | 87 963 | 74 228 | 83 027 |
| October | 42 175 | 51 098 | 53 832 | 63 164 | 74 481 | 87 013 | 74 473 | |
| November | 41 849 | 52 523 | 55 306 | 64 411 | 74 724 | 87 106 | 74 009 | |
| December | 40 060 | 51 422 | 54 794 | 64 098 | 72 027 | 86 118 | 81 042 | |

Tables 5 and 6 show total wholesale trade sales (actual values and annual percentage changes) at constant 2000 prices over the period January 2003 – September 2010. Table 7 shows 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 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 ^{1/} | 2010 ^{1/} |
|--------------|----------------|----------------|----------------|----------------|----------------|----------------|--------------------|--------------------|
| January | 28 836 | 30 164 | 32 846 | 34 667 | 38 625 | 41 780 | 40 684 | 36 614 |
| February | 32 888 | 33 837 | 34 255 | 37 996 | 41 177 | 45 165 | 41 618 | 40 744 |
| March | 33 809 | 36 636 | 36 381 | 40 879 | 43 404 | 46 077 | 44 015 | 44 655 |
| April | 31 383 | 32 430 | 37 128 | 36 705 | 39 198 | 47 292 | 39 992 | 40 639 |
| May | 33 440 | 39 038 | 38 433 | 42 032 | 43 799 | 46 695 | 41 032 | 42 882 |
| June | 34 621 | 40 111 | 39 795 | 41 925 | 43 442 | 47 049 | 42 549 | 43 820 |
| July | 35 072 | 38 529 | 39 302 | 42 630 | 44 131 | 48 261 | 42 710 | 43 647 |
| August | 33 762 | 39 146 | 40 357 | 43 304 | 45 438 | 46 596 | 41 933 | 44 142 |
| September | 34 460 | 39 277 | 41 622 | 43 082 | 44 806 | 47 882 | 42 816 | 45 188 |
| October | 36 213 | 42 227 | 42 915 | 45 431 | 48 917 | 50 226 | 45 211 | |
| November | 37 126 | 45 010 | 45 752 | 47 989 | 50 963 | 52 898 | 46 039 | |
| December | 31 641 | 38 998 | 39 560 | 41 829 | 42 899 | 46 665 | 44 188 | |
| Total | 403 251 | 455 403 | 468 346 | 498 469 | 526 799 | 566 586 | 512 787 | |

1/ Preliminary

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

| Month | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 |
|--------------|------------|-------------|------------|------------|------------|------------|-------------|-------|
| January | -0,2 | 4,6 | 8,9 | 5,5 | 11,4 | 8,2 | -2,6 | -10,0 |
| February | 10,3 | 2,9 | 1,2 | 10,9 | 8,4 | 9,7 | -7,9 | -2,1 |
| March | 7,5 | 8,4 | -0,7 | 12,4 | 6,2 | 6,2 | -4,5 | 1,5 |
| April | 1,9 | 3,3 | 14,5 | -1,1 | 6,8 | 20,6 | -15,4 | 1,6 |
| May | 7,4 | 16,7 | -1,5 | 9,4 | 4,2 | 6,6 | -12,1 | 4,5 |
| June | 13,2 | 15,9 | -0,8 | 5,4 | 3,6 | 8,3 | -9,6 | 3,0 |
| July | 17,6 | 9,9 | 2,0 | 8,5 | 3,5 | 9,4 | -11,5 | 2,2 |
| August | 11,2 | 15,9 | 3,1 | 7,3 | 4,9 | 2,5 | -10,0 | 5,3 |
| September | 9,1 | 14,0 | 6,0 | 3,5 | 4,0 | 6,9 | -10,6 | 5,5 |
| October | 3,0 | 16,6 | 1,6 | 5,9 | 7,7 | 2,7 | -10,0 | |
| November | 7,3 | 21,2 | 1,6 | 4,9 | 6,2 | 3,8 | -13,0 | |
| December | 0,6 | 23,3 | 1,4 | 5,7 | 2,6 | 8,8 | -5,3 | |
| Total | 7,3 | 12,9 | 2,8 | 6,4 | 5,7 | 7,6 | -9,5 | |

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

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

| Month | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 |
|-----------|--------|--------|--------|--------|--------|--------|--------|--------|
| January | 32 442 | 34 222 | 37 472 | 39 492 | 43 715 | 46 893 | 45 420 | 40 768 |
| February | 34 004 | 35 161 | 35 793 | 39 836 | 43 305 | 47 513 | 43 773 | 42 836 |
| March | 33 631 | 36 443 | 36 203 | 40 742 | 43 190 | 45 722 | 43 551 | 44 158 |
| April | 33 602 | 35 019 | 40 360 | 40 035 | 42 730 | 51 420 | 43 318 | 43 895 |
| May | 33 210 | 38 771 | 38 145 | 41 912 | 43 917 | 47 164 | 41 654 | 43 704 |
| June | 34 030 | 39 408 | 39 194 | 41 452 | 43 194 | 46 959 | 42 552 | 43 842 |
| July | 35 345 | 38 563 | 39 146 | 42 285 | 43 720 | 47 745 | 42 279 | 43 221 |
| August | 33 739 | 38 903 | 39 926 | 42 751 | 44 947 | 46 164 | 41 700 | 44 034 |
| September | 33 880 | 38 541 | 40 877 | 42 289 | 43 991 | 46 935 | 41 965 | 44 260 |
| October | 33 589 | 39 185 | 39 857 | 42 236 | 45 420 | 46 593 | 41 887 | |
| November | 33 440 | 40 208 | 40 585 | 42 515 | 45 195 | 47 120 | 41 054 | |
| December | 31 909 | 39 472 | 40 035 | 42 220 | 43 174 | 46 926 | 44 357 | |

Estimates and percentage changes in total wholesale trade sales

Outlined below in Tables 8.1 and 8.2 are the percentage changes in the actual and seasonally adjusted wholesale trade sales at current prices and at constant 2000 prices.

Table 8.1 – Quarterly and annual cumulative estimates and percentage changes

| Actual wholesale trade sales estimates | July to September 2009 (R million) | July to September 2010 (R million) | % change between July to September 2009 and July to September 2010 | January to September 2009 (R million) | January to September 2010 (R million) | % change between January to September 2009 and January to September 2010 |
|--|------------------------------------|------------------------------------|--|---------------------------------------|---------------------------------------|--|
| At current prices | 225 900 | 249 641 | 10,5 | 673 516 | 713 844 | 6,0 |
| At constant 2000 prices | 127 459 | 132 977 | 4,3 | 377 349 | 382 331 | 1,3 |

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

| Seasonally adjusted wholesale trade sales estimates | August 2010 (R million) | September 2010 (R million) | % change between August and September 2010 | April to June 2010 (R million) | July to September 2010 (R million) | % change between April to June 2010 and July to September 2010 |
|---|-------------------------|----------------------------|--|--------------------------------|------------------------------------|--|
| At current prices | 82 035 | 83 027 | 1,2 | 244 698 | 245 314 | 0,3 |
| At constant 2000 prices | 44 034 | 44 260 | 0,5 | 131 441 | 131 515 | 0,1 |

Explanatory notes

| | | |
|--------------------------------------|----------|---|
| Introduction | 1 | <p>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 2010 Business Sampling Frame (BSF) that contains businesses registered for value added tax (VAT).</p> |
| | 2 | <p>As is usual, information for the latest month 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.</p> |
| Purpose of the survey | 3 | <p>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.</p> |
| Scope of the survey | 4 | <p>This survey covers wholesale enterprises according to the following types of dealer:</p> <ul style="list-style-type: none"> • 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; • Wholesale trade in other goods; and • General wholesale trade and other wholesale trade not classified elsewhere. |
| Classification | 5 | <p>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 Economic Activities (ISIC)</i> 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.</p> |
| Response rate | 6 | <p>The preliminary response rate for the survey on wholesale trade sales for September 2010 was 93,9%. The improved response rate for the survey on wholesale trade sales for August 2010 was 97,1%.</p> |
| Statistical unit | 7 | <p>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.</p> |
| Survey methodology and design | 8 | <p>The survey is conducted monthly. Questionnaires are sent to a sample of about 1 000 enterprises from a population of about 20 000 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.</p> |

| | | |
|---------------------------------|----|--|
| | 9 | The value of sales is obtained monthly from the sample of about 1 000 enterprises (which was drawn in April 2010 at the SIC four-digit level) from a population of about 20 000 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 the remaining size groups (medium, small and very small size 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 | 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 in the survey. Stratum estimates are calculated and then aggregated with the completely enumerated stratum to form group 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 | 11 | Stats SA compiles its monthly estimates of wholesale trade sales at current prices from a survey of wholesalers in the formal sector. To arrive at estimates of wholesale trade sales at constant prices, sales at current prices are deflated using the all groups producer price index (PPI) excluding 'Electricity, gas, steam and water'. |
| Seasonal adjustment | 12 | 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 | 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 estimates | 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 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. |
| | 15 | 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 | 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 publications | 17 | Users may also wish to refer to the following publications available from Stats SA: <ul style="list-style-type: none"> • <i>Bulletin of Statistics</i> issued quarterly • <i>SA Statistics</i> issued annually |
| Rounding-off of figures | 18 | Where figures have been rounded off discrepancies may occur between sums of the component items and the totals. |
| Pre-release policy | 19 | Stats SA's pre-release policy may be inspected at its website, www.statssa.gov.za . |

Symbols and abbreviations

| | | |
|-----------|----------|---|
| 20 | BR | Business Register |
| | 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

A stratified random sample was drawn from the population of enterprises on Stats SA’s 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.

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

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 5,6%.

Class limits

| Enterprise size | Size group | Lower limits | Upper limits |
|-----------------|------------|--------------|--------------|
| Very small | 4 | 0 | 24 000 000 |
| Small | 3 | 24 000 001 | 128 000 000 |
| Medium | 2 | 128 000 001 | 256 000 000 |
| Large | 1 | 256 000 001 | |

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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