# Statistical release 

# Wholesale trade sales <br> (Preliminary) 

## April 2011

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## Contents

Results for April 2011 ..... 2
Table A - Key figures for wholesale trade sales ..... 2
Table B - Contribution of each type of dealer to the percentage change in wholesale trade sales at current prices ..... 3
Detailed results ..... 5
Table 1 - 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 1 ..... 5
Table 2 - Total wholesale trade sales at current prices ( R million) ..... 6
Table 3 - Percentage change in total wholesale trade sales at current prices ..... 6
Table 4 - Seasonally adjusted total wholesale trade sales at current prices ( R million) ..... 6
Table 5 - Total wholesale trade sales at constant 2000 prices ( R million) ..... 7
Table 6 - Percentage change in total wholesale trade sales at constant 2000 prices ..... 7
Table 7 - Seasonally adjusted total wholesale trade sales at constant 2000 prices (R million) ..... 7
Table 8 - Three-monthly and annual cumulative estimates and percentage changes ..... 8
Table 9 - Seasonally adjusted monthly and three-monthly estimates and percentage changes ..... 8
Explanatory notes ..... 9
Technical note ..... 12
Glossary ..... 12
General information ..... 13

## Results for April 2011

Table A - Key figures for wholesale trade sales

| Actual wholesale trade sales estimates | April 2011 <br> (R million) | \% change between <br> April 2010 <br> and <br> April 2011 | \% change between <br> February to <br> April 2010 <br> and <br> February to <br> April 2011 | ```% change between January to April 2010 and January to April 2011``` |
| :---: | :---: | :---: | :---: | :---: |
| At current prices | 83331 | 9,5 | 10,5 | 10,9 |
| At constant 2000 prices | 42314 | 4,1 | 4,6 | 5,3 |


| Seasonally adjusted estimates | April 2011 <br> (R million) | \% change between March and April 2011 | \% change between <br> November 2010 <br> to <br> January 2011 and <br> February to <br> April 2011 |
| :---: | :---: | :---: | :---: |
| At current prices | 89178 | -1,3 | 2,3 |
| At constant 2000 prices | 45480 | -0,8 | -0,3 |

## Wholesale trade sales in real terms

Wholesale trade sales, at constant 2000 prices, for the three months ended April 2011 increased by 4,6\% compared with the three months ended April 2010, while sales for the same period in 2010 increased by $0,3 \%$. Seasonally adjusted wholesale trade sales for the three months ended April 2011 decreased by 0,3\% compared with the three months ended January 2011.

Wholesale trade sales, at constant 2000 prices, for April 2011 increased by 4,1\% compared with April 2010.

## Wholesale trade sales in nominal terms

Wholesale trade sales, at current prices, for the three months ended April 2011 increased by 10,5\% compared with the three months ended April 2010. The major contributors to this increase were dealers in solid, liquid and gaseous fuels and related products ( $32,7 \%$ and contributing 6,3 percentage points) and dealers in food, beverages and tobacco ( $9,1 \%$ and contributing 1,5 percentage points) - see Table B on page 3.

Wholesale trade sales, at current prices, for April 2011 increased by 9,5\% compared with April 2010, while sales for the corresponding period in 2010 increased by 5,8\%.

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

| Type of wholesale dealer | Sales February to April 2010 (R million) | Weight 1/ | Sales February to April 2011 (R million) | Difference in sales between February to <br> April 2010 and February to <br> April 2011 <br> (R million) | \% change <br> between <br> February to <br> April 2010 and <br> February to <br> April 2011 | Contribution (\% points) to the \% change in total sales $2 /$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Fee or contract basis | 15836 | 6,8 | 15484 | -352 | -2,2 | -0,1 |
| Agricultural raw materials and livestock | 11390 | 4,9 | 12784 | 1394 | 12,2 | 0,6 |
| Food, beverages and tobacco | 37963 | 16,2 | 41419 | 3456 | 9,1 | 1,5 |
| Textiles, clothing and footwear | 6936 | 3,0 | 7387 | 451 | 6,5 | 0,2 |
| Other household goods except precious stones | 25069 | 10,7 | 27139 | 2070 | 8,3 | 0,9 |
| Precious stones, jewellery and silverware | 1652 | 0,7 | 1314 | -338 | -20,5 | -0,1 |
| Solid, liquid and gaseous fuels and related products | 45252 | 19,3 | 60065 | 14813 | 32,7 | 6,3 |
| Metals and metal ores | 8797 | 3,8 | 10139 | 1342 | 15,3 | 0,6 |
| Construction and building materials | 11488 | 4,9 | 12174 | 686 | 6,0 | 0,3 |
| Other intermediate products, waste and scrap | 8739 | 3,7 | 9197 | 458 | 5,2 | 0,2 |
| Machinery, equipment and supplies | 37846 | 16,2 | 38567 | 721 | 1,9 | 0,3 |
| Other goods | 22997 | 9,8 | 22966 | -31 | -0,1 | 0,0 |
| Total 3/ | 233964 | 100,0 | 258636 | 24672 | 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 - Wholesale trade sales at constant 2000 prices


## PJ Lehohla

Statistician-General

## Detailed results

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 21 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 2010 | January | 4623 | 3551 | 12064 | 1612 | 6924 | 194 | 13945 | 2500 | 2897 | 2543 | 9980 | 6497 | 67331 |
|  | February | 5370 | 3996 | 12499 | 2065 | 7791 | 665 | 14219 | 2693 | 3494 | 2975 | 11728 | 7649 | 75145 |
|  | March | 5801 | 3954 | 12642 | 2386 | 8688 | 510 | 15999 | 3057 | 4154 | 3171 | 13987 | 8361 | 82708 |
|  | April | 4665 | 3440 | 12822 | 2485 | 8590 | 477 | 15034 | 3047 | 3840 | 2593 | 12131 | 6987 | 76111 |
|  | May | 5081 | 3687 | 13939 | 2211 | 8727 | 588 | 16518 | 3156 | 4050 | 2737 | 12398 | 7238 | 80331 |
|  | June | 5087 | 4459 | 13738 | 2090 | 8751 | 574 | 17742 | 3188 | 3861 | 2876 | 13205 | 7008 | 82577 |
|  | July | 5711 | 4970 | 13816 | 2230 | 8615 | 623 | 17156 | 2989 | 4043 | 2793 | 12203 | 7500 | 82648 |
|  | August | 5360 | 4089 | 14638 | 2306 | 9030 | 433 | 17419 | 2924 | 4016 | 2967 | 12887 | 7816 | 83885 |
|  | September | 5555 | 4116 | 14861 | 2777 | 9451 | 418 | 16269 | 2951 | 4275 | 3232 | 13333 | 7809 | 85047 |
|  | October | 5174 | 4475 | 13812 | 2922 | 9873 | 651 | 17716 | 3040 | 4257 | 3499 | 12846 | 7850 | 86115 |
|  | November | 5560 | 5140 | 16424 | 3319 | 11012 | 522 | 17993 | 3120 | 4853 | 4187 | 14158 | 8708 | 94996 |
|  | December | 6455 | 4688 | 18153 | 2165 | 9296 | 434 | 18630 | 2129 | 3481 | 3023 | 12751 | 8428 | 89632 |
|  | Total | 64442 | 50565 | 169408 | 28568 | 106748 | 6089 | 198640 | 34794 | 47221 | 36596 | 151607 | 91851 | 986526 |
| 2011 | January | 4423 | 4071 | 13176 | 1780 | 7562 | 186 | 17787 | 2701 | 3545 | 3040 | 10607 | 6642 | 75519 |
|  | February | 4785 | 4348 | 13682 | 2188 | 8603 | 301 | 18457 | 3267 | 4036 | 3446 | 12382 | 7259 | 82753 |
|  | March | 5479 | 4421 | 14566 | 2800 | 9587 | 618 | 21322 | 3781 | 4466 | 3293 | 14075 | 8144 | 92552 |
|  | April | 5220 | 4015 | 13171 | 2399 | 8949 | 395 | 20286 | 3091 | 3672 | 2458 | 12110 | 7563 | 83331 |

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

1/ See note 4 on page 9 for more detailed specifications.

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

| Month | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | $2010{ }^{1 /}$ | $2011{ }^{1 /}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| January | 38049 | 42575 | 47258 | 58391 | 69813 | 73546 | 67331 | 75519 |
| February | 42973 | 44565 | 51827 | 62630 | 76561 | 74894 | 75145 | 82753 |
| March | 46520 | 47590 | 56092 | 67058 | 79884 | 79294 | 82708 | 92552 |
| April | 41545 | 48941 | 50811 | 61517 | 83509 | 71939 | 76111 | 83331 |
| May | 50150 | 50901 | 58973 | 69661 | 86779 | 72950 | 80331 |  |
| June | 51641 | 52778 | 59678 | 69765 | 88149 | 74993 | 82577 |  |
| July | 49471 | 52629 | 61630 | 71304 | 91466 | 75723 | 82648 |  |
| August | 50458 | 54214 | 64001 | 73714 | 88746 | 74466 | 83885 |  |
| September | 51032 | 56313 | 64025 | 72859 | 89791 | 75711 | 85047 |  |
| October | 55247 | 58201 | 68204 | 80442 | 93965 | 80503 | 86115 |  |
| November | 58872 | 62369 | 72646 | 84120 | 97566 | 82729 | 94996 |  |
| December | 50795 | 53966 | 63148 | 71024 | 84966 | 80052 | 89632 |  |
| Total | 586753 | 625042 | 718293 | 842485 | 1031195 | 916800 | 986526 |  |

1/ Preliminary

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

| Month | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| January | 4,7 | 11,9 | 11,0 | 23,6 | 19,6 | 5,3 | -8,5 | 12,2 |
| February | 3,4 | 3,7 | 16,3 | 20,8 | 22,2 | -2,2 | 0,3 | 10,1 |
| March | 8,8 | 2,3 | 17,9 | 19,6 | 19,1 | -0,7 | 4,3 | 11,9 |
| April | 4,8 | 17,8 | 3,8 | 21,1 | 35,7 | -13,9 | 5,8 | 9,5 |
| May | 19,7 | 1,5 | 15,9 | 18,1 | 24,6 | -15,9 | 10,1 |  |
| June | 19,3 | 2,2 | 13,1 | 16,9 | 26,4 | -14,9 | 10,1 |  |
| July | 12,1 | 6,4 | 17,1 | 15,7 | 28,3 | -17,2 | 9,1 |  |
| August | 19,1 | 7,4 | 18,1 | 15,2 | 20,4 | -16,1 | 12,6 |  |
| September | 17,9 | 10,3 | 13,7 | 13,8 | 23,2 | -15,7 | 12,3 |  |
| October | 21,2 | 5,3 | 17,2 | 17,9 | 16,8 | -14,3 | 7,0 |  |
| November | 26,6 | 5,9 | 16,5 | 15,8 | 16,0 | -15,2 | 14,8 |  |
| December | 27,7 | 6,2 | 17,0 | 12,5 | 19,6 | -5,8 | 12,0 |  |
| Total | 15,7 | 6,5 | 14,9 | 17,3 | 22,4 | -11,1 | 7,6 |  |

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 | $\mathbf{2 0 0 4}$ | $\mathbf{2 0 0 5}$ | $\mathbf{2 0 0 6}$ | $\mathbf{2 0 0 7}$ | $\mathbf{2 0 0 8}$ | $\mathbf{2 0 0 9}$ | $\mathbf{2 0 1 0}$ | $\mathbf{2 0 1 1}$ |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| January | 43377 | 48925 | 54406 | 67025 | 79811 | 83838 | 76731 | 86150 |
| February | 44850 | 46957 | 54994 | 66754 | 81650 | 79691 | 79864 | 87954 |
| March | 46432 | 47590 | 56152 | 66929 | 79234 | 78012 | 80897 | 90323 |
| April | 44486 | 52665 | 54784 | 66257 | 89848 | 77169 | 81521 | 89178 |
| May | 49856 | 50566 | 58742 | 69625 | 87164 | 73634 | 81341 |  |
| June | 50859 | 52022 | 58936 | 69143 | 87564 | 74635 | 82200 |  |
| July | 49534 | 52320 | 60876 | 70178 | 89805 | 74389 | 81189 |  |
| August | 50037 | 53378 | 62775 | 72301 | 87239 | 73500 | 83067 |  |
| September | 49916 | 55089 | 62645 | 71421 | 88199 | 74538 | 83745 |  |
| October | 51094 | 53833 | 63178 | 74577 | 87103 | 74655 | 79909 |  |
| November | 52530 | 55316 | 64426 | 74785 | 87150 | 74087 | 85182 |  |
| December | 51408 | 54774 | 64048 | 71915 | 85766 | 80546 | 90002 |  |

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

| Month | $\mathbf{2 0 0 4}$ | $\mathbf{2 0 0 5}$ | $\mathbf{2 0 0 6}$ | $\mathbf{2 0 0 7}$ | $\mathbf{2 0 0 8}$ | $\mathbf{2 0 0 9}$ | $\mathbf{2 0 1 0}^{\mathbf{1 /}}$ | $\mathbf{2 0 1 1}^{\mathbf{1 1}}$ |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| January | 30164 | 32846 | 34667 | 38625 | 41780 | 40684 | 36614 | 39405 |
| February | 33837 | 34255 | 37996 | 41177 | 45165 | 41618 | 40744 | 42498 |
| March | 36636 | 36381 | 40879 | 43404 | 46077 | 44015 | 44655 | 47046 |
| April | 32430 | 37128 | 36705 | 39198 | 47292 | 39992 | 40639 | 42314 |
| May | 39038 | 38433 | 42032 | 43799 | 46695 | 41032 | 42882 |  |
| June | 40111 | 39795 | 41925 | 43442 | 47049 | 42549 | 43820 |  |
| July | 38529 | 39302 | 42630 | 44131 | 48261 | 42710 | 44055 |  |
| August | 39146 | 40357 | 43304 | 45438 | 46596 | 41933 | 44575 |  |
| September | 39277 | 41622 | 43082 | 44806 | 47882 | 42816 | 45380 |  |
| October | 42227 | 42915 | 45431 | 48917 | 50226 | 45211 | 45939 |  |
| November | 45010 | 45752 | 47989 | 50963 | 52898 | 46039 | 50319 |  |
| December | 38998 | 39560 | 41829 | 42899 | 46665 | 44188 | 47334 |  |
| Total | $\mathbf{4 5 5 4 0 3}$ | $\mathbf{4 6 8 3 4 6}$ | $\mathbf{4 9 8 4 6 9}$ | $\mathbf{5 2 6 7 9 9}$ | $\mathbf{5 6 6 5 8 6}$ | $\mathbf{5 1 2} \mathbf{7 8 7}$ | $\mathbf{5 2 6 9 5 6}$ |  |

1/ Preliminary

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

| Month | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| January | 4,6 | 8,9 | 5,5 | 11,4 | 8,2 | -2,6 | -10,0 | 7,6 |
| February | 2,9 | 1,2 | 10,9 | 8,4 | 9,7 | -7,9 | -2,1 | 4,3 |
| March | 8,4 | -0,7 | 12,4 | 6,2 | 6,2 | -4,5 | 1,5 | 5,4 |
| April | 3,3 | 14,5 | -1,1 | 6,8 | 20,6 | -15,4 | 1,6 | 4,1 |
| May | 16,7 | -1,5 | 9,4 | 4,2 | 6,6 | -12,1 | 4,5 |  |
| June | 15,9 | -0,8 | 5,4 | 3,6 | 8,3 | -9,6 | 3,0 |  |
| July | 9,9 | 2,0 | 8,5 | 3,5 | 9,4 | -11,5 | 3,1 |  |
| August | 15,9 | 3,1 | 7,3 | 4,9 | 2,5 | -10,0 | 6,3 |  |
| September | 14,0 | 6,0 | 3,5 | 4,0 | 6,9 | -10,6 | 6,0 |  |
| October | 16,6 | 1,6 | 5,9 | 7,7 | 2,7 | -10,0 | 1,6 |  |
| November | 21,2 | 1,6 | 4,9 | 6,2 | 3,8 | -13,0 | 9,3 |  |
| December | 23,3 | 1,4 | 5,7 | 2,6 | 8,8 | -5,3 | 7,1 |  |
| Total | 12,9 | 2,8 | 6,4 | 5,7 | 7,6 | -9,5 | 2,8 |  |

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 | $\mathbf{2 0 0 4}$ | $\mathbf{2 0 0 5}$ | $\mathbf{2 0 0 6}$ | $\mathbf{2 0 0 7}$ | $\mathbf{2 0 0 8}$ | $\mathbf{2 0 0 9}$ | $\mathbf{2 0 1 0}$ | $\mathbf{2 0 1 1}$ |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| January | 34198 | 37454 | 39486 | 43815 | 47196 | 45891 | 41333 | 44578 |
| February | 35159 | 35801 | 39858 | 43324 | 47565 | 43807 | 42943 | 44866 |
| March | 36430 | 36149 | 40634 | 43015 | 45460 | 43140 | 43598 | 45869 |
| April | 35015 | 40350 | 40024 | 42706 | 51389 | 43211 | 43744 | 45480 |
| May | 38772 | 38152 | 41926 | 43933 | 47181 | 41719 | 43782 |  |
| June | 39411 | 39201 | 41464 | 43213 | 47004 | 42646 | 43944 |  |
| July | 38564 | 39150 | 42293 | 43709 | 47741 | 42294 | 43634 |  |
| August | 38908 | 39932 | 42757 | 44929 | 46168 | 41719 | 44480 |  |
| September | 38549 | 40887 | 42298 | 43994 | 47000 | 42060 | 44549 |  |
| October | 39197 | 39873 | 42251 | 45454 | 46578 | 41889 | 42548 |  |
| November | 40223 | 40607 | 42535 | 45215 | 47083 | 41005 | 44820 |  |
| December | 39478 | 40043 | 42203 | 43129 | 46763 | 44124 | 47163 |  |

Table 8 - Three-monthly and annual cumulative estimates and percentage changes

| Actual wholesale trade sales estimates | $\begin{aligned} & \text { February } \\ & \text { to } \\ & \text { April } 2010 \\ & \text { (R million) } \end{aligned}$ | $\begin{gathered} \text { February } \\ \text { to } \\ \text { April } 2011 \\ \text { (R million) } \end{gathered}$ | \% change <br> between <br> February to <br> April 2010 and <br> February to <br> April 2011 | January to April 2010 (R million) | $\begin{gathered} \text { January } \\ \text { to } \\ \text { April } 2011 \\ \text { (R million) } \end{gathered}$ | \% change between January to <br> April 2010 and January to April 2011 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| At current prices | 233964 | 258636 | 10,5 | 301295 | 334155 | 10,9 |
| At constant 2000 prices | 126038 | 131858 | 4,6 | 162652 | 171263 | 5,3 |

Table 9 - Seasonally adjusted monthly and three-monthly estimates and percentage changes

| Seasonally adjusted wholesale trade sales estimates | March 2011 ( R million) | $\begin{gathered} \text { April } \\ 2011 \\ \text { (R million) } \end{gathered}$ | \% change between March and April 2011 | November 2010 to January 2011 (R million) | February to <br> April 2011 <br> (R million) | \% change between November 2010 to January 2011 and February to April 2011 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| At current prices | 90323 | 89178 | -1,3 | 261334 | 267455 | 2,3 |
| At constant 2000 prices | 45869 | 45480 | -0,8 | 136561 | 136215 | -0,3 |

## Explanatory notes

Introduction 1 Statistics South Africa (Stats SA) conducts a monthly survey of the wholesale trade industry, covering wholesale enterprises (see 4 below). This survey is based on a sample drawn from the 2010 Business Sampling Frame (BSF) that contains businesses registered for value added tax (VAT).

2 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.

Purpose of the 3 The results of the monthly wholesale trade sales survey are used to compile estimates survey
Scope of the
survey

Classification 5 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. Each enterprise is classified to the industry which reflects its predominant activity. Statistics in this publication are presented at SIC group (four digit) level.

Response rate 6 The preliminary response rate for the survey on wholesale trade sales for April 2011 was $88,1 \%$. The improved response rate for the survey on wholesale trade sales for March 2011 was $93,8 \%$.

Statistical unit 7 The statistical unit for which information is compiled and published is the enterprise, defined as a legal unit or a combination of legal units that includes and directly controls all functions necessary to carry out its sales activities.

Survey
methodology and
design
8 The survey is conducted monthly. Questionnaires are sent to a sample of about 1000 enterprises from a population of about 20000 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.

Weighting
methodology

## Constant prices

Seasonal adjustment

Trend cycle

Reliability of estimates

9 The value of sales is obtained monthly from the sample of about 1000 enterprises (which was drawn in April 2010 at the SIC four-digit level) from a population of about 20000 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.

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.

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'.

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-tomonth movements of seasonally adjusted estimates may not be reliable indicators of trend behaviour.

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.

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 nonsampling errors by careful design of questionnaires, testing them in pilot studies, editing reported data and implementing efficient operating procedures. Fluctuations may occur in consecutive months as a result of seasonal and economic factors.

## Revised figures

Related
publications

## Rounding-off of figures

6 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.

17 Users may also wish to refer to the following publications available from Stats SA:

- Bulletin of Statistics issued quarterly
- SA Statistics issued annually component items and the totals.

Symbols and abbreviations

19 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

## 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.

## 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 eleven 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.

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## Advance release calendar

An advance 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
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Central Reference Library, Nelspruit
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Stats SA also provides a subscription service.

## Electronic services

A large range of data are available via on-line services, diskette and computer printouts. For more details about our electronic data services, contact (012) 310 8600/8390/8351/4892/8496/8095.

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

## Enquiries

| Telephone number: | (012) $3108600 / 8390 / 8351 / 4892 / 8496 / 8095$ (user information services) <br>  <br> (012) 3108930 (technical enquiries) <br> (012) 3108358 (orders) |
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