

### Statistical release P6141.2

# Wholesale trade sales (Preliminary)

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### Summary of findings: Wholesale trade sales

#### Table A – Key figures as at the end of January 2008

| Wholesale trade sales estimates | January 2008<br>(R million) | % change between<br>January 2007<br>and<br>January 2008 | % change between November 2006 to January 2007 and November 2007 to January 2008 |
|---------------------------------|-----------------------------|---------------------------------------------------------|----------------------------------------------------------------------------------|
| At current prices               | 68 656                      | +20,6                                                   | +16,2                                                                            |
| At constant 2000 prices         | 41 635                      | +8,2                                                    | +5,5                                                                             |

| Seasonally adjusted estimates | January 2008<br>(R million) | % change between<br>December 2007<br>and<br>January 2008 | % change between August to October 2007 and November 2007 to January 2008 |
|-------------------------------|-----------------------------|----------------------------------------------------------|---------------------------------------------------------------------------|
| At current prices             | 78 839                      | +11,3                                                    | +5,0                                                                      |
| At constant 2000 prices       | 47 358                      | +9,0                                                     | +2,2                                                                      |

### Key findings as at the end of January 2008

#### Wholesale trade sales in real terms moderates

Wholesale trade sales, at constant (2000) prices, for the three months ending January 2008 increased by 5,5% compared with the three months ending January 2007. The corresponding growth in 2007 was 7,7%. Seasonally adjusted wholesale trade sales, at constant (2000) prices, for the three months ending January 2008 increased by 2,2% compared with the previous three months.

Wholesale trade sales, at constant (2000) prices, for January 2008 increased by only 8,2% compared with January 2007. The 8,2% increase is substantially lower than the 12,0% growth for January 2007 compared with January 2006.

Wholesale trade sales, at current prices, for the three months ending January 2008 increased by 16,2% compared with the three months ending January 2007. The 16,2% increase is also lower than the 18,7% growth for the corresponding period in 2007.

Wholesale trade sales, at current prices, for January 2008 increased by 20,6% compared with January 2007.

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

| Type of wholesale dealer                             | Sales<br>November 2006<br>to<br>January 2007<br>(R million) | Weight<br>1/ | Sales<br>November 2007<br>to<br>January 2008<br>(R million) | Difference in sales between November 2006 to January 2007 and November 2007 to January 2008 | Percentage<br>change<br>between<br>November 2006<br>to<br>January 2007<br>and<br>November 2007<br>to<br>January 2008 | Contribution<br>(percentage<br>points)<br>percentage<br>change in<br>total sales 2/ |
|------------------------------------------------------|-------------------------------------------------------------|--------------|-------------------------------------------------------------|---------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| Contract or fee basis                                | 6 653                                                       | 3,5          | 6 646                                                       | -7                                                                                          | -0,1                                                                                                                 | 0,0                                                                                 |
| Agricultural raw materials and livestock             | 9 510                                                       | 5,0          | 10 967                                                      | 1 457                                                                                       | 15,3                                                                                                                 | 0,8                                                                                 |
| Food, beverages and tobacco                          | 36 711                                                      | 19,4         | 42 400                                                      | 5 689                                                                                       | 15,5                                                                                                                 | 3,0                                                                                 |
| Textiles, clothing and footwear                      | 4 661                                                       | 2,5          | 4 866                                                       | 205                                                                                         | 4,4                                                                                                                  | 0,1                                                                                 |
| Other household goods except precious stones         | 21 542                                                      | 11,4         | 24 524                                                      | 2 982                                                                                       | 13,8                                                                                                                 | 1,6                                                                                 |
| Precious stones, jewellery and silverware            | 4 854                                                       | 2,6          | 4 450                                                       | -404                                                                                        | -8,3                                                                                                                 | -0,2                                                                                |
| Solid, liquid and gaseous fuels and related products | 32 254                                                      | 17,0         | 41 122                                                      | 8 868                                                                                       | 27,5                                                                                                                 | 4,7                                                                                 |
| Metals and metal ores                                | 6 974                                                       | 3,7          | 7 819                                                       | 845                                                                                         | 12,1                                                                                                                 | 0,4                                                                                 |
| Construction and building materials                  | 10 202                                                      | 5,4          | 11 439                                                      | 1 237                                                                                       | 12,1                                                                                                                 | 0,7                                                                                 |
| Other intermediate products, waste and scrap         | 8 481                                                       | 4,5          | 9 652                                                       | 1 171                                                                                       | 13,8                                                                                                                 | 0,6                                                                                 |
| Machinery, equipment and supplies                    | 33 425                                                      | 17,7         | 39 030                                                      | 5 605                                                                                       | 16,8                                                                                                                 | 3,0                                                                                 |
| Other goods                                          | 14 014                                                      | 7,4          | 16 964                                                      | 2 950                                                                                       | 21,1                                                                                                                 | 1,6                                                                                 |
| Total 3/                                             | 189 282                                                     | 100,0        | 219 883                                                     | 30 601                                                                                      | 16,2                                                                                                                 | 16,2                                                                                |

<sup>1/</sup> 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.

Table B above shows that the major contributors to the 16,2% increase in wholesale trade sales at current prices for the three months ending January 2008 compared with the three months ending January 2007 were dealers in solid, liquid and gaseous fuels and related products (+4,7 percentage points), dealers in machinery, equipment and supplies (+3,0 percentage points) and dealers in food, beverages and tobacco (+3,0 percentage points).

<sup>2/</sup> The contribution to the percentage change is calculated by multiplying the percentage change of each type of dealer with its corresponding weight.

<sup>3/</sup> 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 2004 and January 2008. The trend cycle shows a generally upward movement with the exception of a trough from December 2004 to May 2005. The graph further shows a levelling off during the first half of 2007.

48 000 46 000 44 000 42 000 R million 40 000 38 000 36 000 34 000 32 000 APR05 APR06 JULD4 JAN05 JUL05 JANDB Year and month -- Seasonally adjusted — Trend cycle

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.

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

| Year a | nd 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/ |
|--------|-------------|--------|--------|---------|--------|--------|--------|---------|--------|--------|--------|---------|--------|----------|
| 2006   | January     | 1 813  | 2 172  | 9 499   | 883    | 5 171  | 389    | 8 757   | 1 711  | 2 377  | 2 038  | 7 964   | 3 292  | 46 065   |
|        | February    | 1 928  | 2 027  | 9 263   | 1 222  | 5 998  | 1 292  | 8 900   | 2 130  | 2 859  | 2 274  | 8 604   | 4 022  | 50 519   |
|        | March       | 2 096  | 2 013  | 10 002  | 1 333  | 5 868  | 1 693  | 10 159  | 2 096  | 2 994  | 2 272  | 10 214  | 3 936  | 54 676   |
|        | April       | 1 398  | 1 767  | 9 977   | 1 379  | 5 876  | 1 320  | 9 765   | 1 781  | 2 846  | 1 801  | 8 053   | 3 564  | 49 528   |
|        | May         | 2 346  | 2 319  | 9 850   | 1 528  | 6 537  | 1 471  | 10 852  | 2 363  | 3 303  | 2 447  | 10 445  | 4 023  | 57 485   |
|        | June        | 1 646  | 2 456  | 10 311  | 1 405  | 6 378  | 1 837  | 10 370  | 2 424  | 3 353  | 2 285  | 11 356  | 4 349  | 58 172   |
|        | July        | 2 185  | 2 735  | 9 801   | 1 439  | 6 407  | 1 726  | 12 051  | 2 474  | 3 622  | 2 314  | 10 785  | 4 536  | 60 074   |
|        | August      | 2 232  | 2 848  | 10 469  | 1 802  | 6 919  | 1 998  | 11 232  | 2 637  | 3 686  | 2 979  | 11 658  | 3 926  | 62 386   |
|        | September   | 1 948  | 3 033  | 11 658  | 1 803  | 6 509  | 1 839  | 11 963  | 2 546  | 3 685  | 2 756  | 10 777  | 3 891  | 62 408   |
|        | October     | 2 199  | 2 918  | 11 485  | 2 152  | 7 606  | 2 148  | 11 323  | 2 948  | 4 236  | 3 291  | 11 796  | 4 380  | 66 482   |
|        | November    | 2 593  | 3 730  | 12 067  | 2 105  | 8 678  | 2 209  | 11 434  | 2 889  | 4 386  | 3 415  | 12 073  | 5 232  | 70 812   |
|        | December    | 2 274  | 3 253  | 13 220  | 1 410  | 6 903  | 1 957  | 10 679  | 1 748  | 2 749  | 2 331  | 10 371  | 4 661  | 61 554   |
|        | Total       | 24 658 | 31 271 | 127 602 | 18 461 | 78 850 | 19 879 | 127 485 | 27 747 | 40 096 | 30 203 | 124 096 | 49 812 | 700 161  |
| 2007   | January     | 1 786  | 2 527  | 11 424  | 1 146  | 5 961  | 688    | 10 141  | 2 337  | 3 067  | 2 735  | 10 981  | 4 121  | 56 916   |
|        | February    | 2 083  | 3 006  | 11 284  | 1 516  | 7 050  | 1 156  | 10 113  | 2 784  | 3 846  | 2 617  | 11 335  | 4 259  | 61 048   |
|        | March       | 2 090  | 2 641  | 11 203  | 1 772  | 7 012  | 1 877  | 11 204  | 2 829  | 4 187  | 2 641  | 13 108  | 4 801  | 65 365   |
|        | April       | 2 259  | 2 485  | 10 837  | 1 625  | 7 307  | 1 754  | 10 572  | 2 673  | 3 628  | 2 659  | 10 511  | 3 655  | 59 964   |
|        | May         | 2 179  | 3 287  | 11 657  | 1 702  | 8 120  | 1 765  | 12 173  | 3 070  | 4 331  | 2 957  | 12 054  | 4 609  | 67 902   |
|        | June        | 2 220  | 3 400  | 12 077  | 1 239  | 7 474  | 1 796  | 12 350  | 2 948  | 4 373  | 3 107  | 12 447  | 4 573  | 68 004   |
|        | July        | 2 231  | 3 252  | 12 013  | 1 464  | 7 605  | 1 156  | 12 960  | 2 907  | 4 299  | 3 258  | 13 421  | 4 935  | 69 503   |
|        | August      | 2 437  | 3 154  | 12 071  | 1 997  | 8 126  | 1 102  | 13 091  | 3 278  | 4 326  | 3 543  | 13 806  | 4 923  | 71 854   |
|        | September   | 2 181  | 3 114  | 13 132  | 2 129  | 7 907  | 1 957  | 12 273  | 2 856  | 4 306  | 3 108  | 13 082  | 4 975  | 71 020   |
|        | October     | 2 296  | 3 230  | 13 371  | 2 392  | 8 986  | 2 117  | 13 464  | 3 476  | 4 838  | 3 845  | 14 907  | 5 489  | 78 411   |
|        | November    | 2 524  | 3 817  | 13 836  | 2 163  | 9 623  | 2 260  | 14 142  | 3 288  | 5 166  | 3 974  | 14 304  | 6 897  | 81 996   |
|        | December    | 2 178  | 3 603  | 15 126  | 1 403  | 7 718  | 1 695  | 13 545  | 1 769  | 2 649  | 2 860  | 10 988  | 5 697  | 69 231   |
|        | Total       | 26 464 | 37 516 | 148 031 | 20 548 | 92 889 | 19 323 | 146 028 | 34 215 | 49 016 | 37 304 | 150 944 | 58 934 | 821 214  |
| 2008   | January     | 1 944  | 3 547  | 13 438  | 1 300  | 7 183  | 495    | 13 435  | 2 762  | 3 624  | 2 818  | 13 738  | 4 370  | 68 656   |

<sup>1/</sup> Preliminary.

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

### Description of type of dealers included in indicated group types 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                                          |

<sup>1/</sup> See note 4 on page 10.

Tables 2 and 3 show wholesale trade sales (actual values and annual percentage changes) at current prices over the period January 2001 - January 2008. 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     | 2001    | 2002    | 2003    | 2004    | 2005    | 2006    | 2007/1  | 2008/1 |
|-----------|---------|---------|---------|---------|---------|---------|---------|--------|
| January   | 28 597  | 32 599  | 35 428  | 37 088  | 41 500  | 46 065  | 56 916  | 68 656 |
| February  | 30 786  | 34 349  | 40 529  | 41 888  | 43 439  | 50 519  | 61 048  |        |
| March     | 30 833  | 36 532  | 41 693  | 45 345  | 46 389  | 54 676  | 65 365  |        |
| April     | 29 950  | 36 395  | 38 647  | 40 497  | 47 706  | 49 528  | 59 964  |        |
| Мау       | 31 790  | 37 077  | 40 852  | 48 883  | 49 615  | 57 485  | 67 902  |        |
| June      | 32 351  | 36 426  | 42 205  | 50 337  | 51 445  | 58 172  | 68 004  |        |
| July      | 31 320  | 35 856  | 43 009  | 48 222  | 51 300  | 60 074  | 69 503  |        |
| August    | 31 917  | 36 956  | 41 281  | 49 184  | 52 846  | 62 386  | 71 854  |        |
| September | 30 522  | 38 774  | 42 174  | 49 744  | 54 891  | 62 408  | 71 020  |        |
| October   | 34 957  | 43 512  | 44 415  | 53 853  | 56 731  | 66 482  | 78 411  |        |
| November  | 36 199  | 42 940  | 45 345  | 57 385  | 60 794  | 70 812  | 81 996  |        |
| December  | 35 200  | 38 970  | 38 758  | 49 512  | 52 603  | 61 554  | 69 231  | -      |
| Total     | 384 422 | 450 386 | 494 336 | 571 938 | 609 259 | 700 161 | 821 214 |        |

<sup>1/</sup> Preliminary.

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

| Month     | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 |
|-----------|------|------|------|------|------|------|------|------|
| January   | -    | 14,0 | 8,7  | 4,7  | 11,9 | 11,0 | 23,6 | 20,6 |
| February  | -    | 11,6 | 18,0 | 3,4  | 3,7  | 16,3 | 20,8 |      |
| March     | -    | 18,5 | 14,1 | 8,8  | 2,3  | 17,9 | 19,5 |      |
| April     | -    | 21,5 | 6,2  | 4,8  | 17,8 | 3,8  | 21,1 |      |
| May       | -    | 16,6 | 10,2 | 19,7 | 1,5  | 15,9 | 18,1 |      |
| June      | -    | 12,6 | 15,9 | 19,3 | 2,2  | 13,1 | 16,9 |      |
| July      | -    | 14,5 | 19,9 | 12,1 | 6,4  | 17,1 | 15,7 |      |
| August    | -    | 15,8 | 11,7 | 19,1 | 7,4  | 18,1 | 15,2 |      |
| September | -    | 27,0 | 8,8  | 17,9 | 10,3 | 13,7 | 13,8 |      |
| October   | -    | 24,5 | 2,1  | 21,2 | 5,3  | 17,2 | 17,9 |      |
| November  | -    | 18,6 | 5,6  | 26,6 | 5,9  | 16,5 | 15,8 |      |
| December  | -    | 10,7 | -0,5 | 27,7 | 6,2  | 17,0 | 12,5 |      |
| Total     | -    | 17,2 | 9,8  | 15,7 | 6,5  | 14,9 | 17,3 |      |

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

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

| Month     | 2001   | 2002   | 2003   | 2004   | 2005   | 2006   | 2007   | 2008   |
|-----------|--------|--------|--------|--------|--------|--------|--------|--------|
| January   | 31 616 | 36 261 | 39 813 | 42 135 | 47 570 | 52 941 | 65 360 | 78 839 |
| February  | 31 523 | 35 216 | 41 862 | 43 615 | 45 680 | 53 572 | 65 076 |        |
| March     | 30 632 | 36 301 | 41 454 | 45 245 | 46 418 | 55 003 | 65 915 |        |
| April     | 31 618 | 38 765 | 41 651 | 44 146 | 52 553 | 54 995 | 66 852 |        |
| Мау       | 31 705 | 36 880 | 40 551 | 48 584 | 49 240 | 57 098 | 67 411 |        |
| June      | 32 258 | 36 074 | 41 617 | 49 581 | 50 676 | 57 367 | 67 156 |        |
| July      | 32 000 | 36 500 | 43 488 | 48 319 | 51 099 | 59 590 | 68 867 |        |
| August    | 31 937 | 37 034 | 41 214 | 48 697 | 51 839 | 60 766 | 69 751 |        |
| September | 30 101 | 38 149 | 41 350 | 48 544 | 53 470 | 60 714 | 69 022 |        |
| October   | 32 446 | 40 309 | 40 992 | 49 582 | 52 086 | 61 000 | 71 935 |        |
| November  | 33 149 | 38 955 | 40 676 | 50 931 | 53 400 | 61 868 | 71 525 |        |
| December  | 35 127 | 39 000 | 39 003 | 50 147 | 53 509 | 62 802 | 70 810 |        |

Tables 5 and 6 show wholesale trade sales (actual values and annual percentage changes) at constant (2000) prices over the period January 2001 - January 2008. 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     | 2001    | 2002    | 2003    | 2004    | 2005    | 2006    | 2007/1  | 2008/1 |
|-----------|---------|---------|---------|---------|---------|---------|---------|--------|
| January   | 27 418  | 28 066  | 28 241  | 29 753  | 32 600  | 34 351  | 38 482  | 41 635 |
| February  | 29 376  | 28 987  | 32 243  | 33 417  | 34 003  | 37 616  | 41 166  |        |
| March     | 29 351  | 30 558  | 33 168  | 36 204  | 36 114  | 40 515  | 43 475  |        |
| April     | 28 229  | 29 943  | 30 758  | 32 026  | 36 839  | 36 338  | 39 243  |        |
| May       | 29 738  | 30 279  | 32 866  | 38 612  | 38 122  | 41 716  | 43 893  |        |
| June      | 30 052  | 29 627  | 33 509  | 39 112  | 38 944  | 41 024  | 43 027  |        |
| July      | 28 933  | 28 858  | 33 932  | 37 512  | 38 413  | 41 646  | 43 439  |        |
| August    | 29 269  | 29 458  | 32 697  | 38 231  | 39 393  | 42 468  | 44 671  |        |
| September | 27 989  | 30 933  | 33 807  | 38 939  | 41 163  | 42 789  | 44 527  |        |
| October   | 31 606  | 34 478  | 35 617  | 41 958  | 42 527  | 45 180  | 48 687  |        |
| November  | 32 350  | 33 918  | 36 495  | 44 675  | 45 335  | 47 797  | 50 756  |        |
| December  | 31 289  | 30 904  | 31 156  | 38 727  | 39 197  | 41 731  | 42 696  |        |
| Total     | 355 600 | 366 009 | 394 489 | 449 166 | 462 650 | 493 171 | 524 062 |        |

<sup>1/</sup> Preliminary.

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

| Month     | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 |
|-----------|------|------|------|------|------|------|------|------|
| January   | -    | 2,4  | 0,6  | 5,4  | 9,6  | 5,4  | 12,0 | 8,2  |
| February  | -    | -1,3 | 11,2 | 3,6  | 1,8  | 10,6 | 9,4  |      |
| March     | -    | 4,1  | 8,5  | 9,2  | -0,2 | 12,2 | 7,3  |      |
| April     | -    | 6,1  | 2,7  | 4,1  | 15,0 | -1,4 | 8,0  |      |
| May       | -    | 1,8  | 8,5  | 17,5 | -1,3 | 9,4  | 5,2  |      |
| June      | -    | -1,4 | 13,1 | 16,7 | -0,4 | 5,3  | 4,9  |      |
| July      | -    | -0,3 | 17,6 | 10,6 | 2,4  | 8,4  | 4,3  |      |
| August    | -    | 0,6  | 11,0 | 16,9 | 3,0  | 7,8  | 5,2  |      |
| September | -    | 10,5 | 9,3  | 15,2 | 5,7  | 4,0  | 4,1  |      |
| October   | -    | 9,1  | 3,3  | 17,8 | 1,4  | 6,2  | 7,8  |      |
| November  | -    | 4,8  | 7,6  | 22,4 | 1,5  | 5,4  | 6,2  |      |
| December  | -    | -1,2 | 0,8  | 24,3 | 1,2  | 6,5  | 2,3  |      |
| Total     | -    | 2,9  | 7,8  | 13,9 | 3,0  | 6,6  | 6,3  |      |

<sup>1/</sup> The percentage change is the difference between wholesale trade of the relevant year and those of the previous year expressed as a percentage.

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

| Month     | 2001   | 2002   | 2003   | 2004   | 2005   | 2006   | 2007   | 2008   |
|-----------|--------|--------|--------|--------|--------|--------|--------|--------|
| January   | 30 371 | 31 213 | 31 667 | 33 635 | 37 115 | 39 149 | 43 795 | 47 358 |
| February  | 30 096 | 29 719 | 33 256 | 34 650 | 35 492 | 39 477 | 43 370 |        |
| March     | 29 225 | 30 363 | 32 872 | 35 882 | 35 799 | 40 293 | 43 293 |        |
| April     | 29 823 | 31 882 | 33 078 | 34 766 | 40 330 | 40 045 | 43 385 |        |
| Мау       | 29 675 | 30 082 | 32 521 | 38 191 | 37 608 | 41 172 | 43 299 |        |
| June      | 30 000 | 29 416 | 33 161 | 38 728 | 38 611 | 40 760 | 42 815 |        |
| July      | 29 594 | 29 435 | 34 453 | 37 861 | 38 649 | 41 823 | 43 628 |        |
| August    | 29 394 | 29 672 | 32 913 | 38 290 | 39 187 | 42 011 | 44 069 |        |
| September | 27 410 | 30 333 | 33 132 | 38 049 | 40 206 | 41 763 | 43 426 |        |
| October   | 29 290 | 31 912 | 32 898 | 38 723 | 39 197 | 41 641 | 44 872 |        |
| November  | 29 605 | 30 751 | 32 758 | 39 717 | 39 942 | 41 906 | 44 443 |        |
| December  | 31 254 | 30 961 | 31 350 | 39 160 | 39 737 | 42 397 | 43 460 |        |

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### Table 8 – Estimates and percentage changes in total wholesale trade sales

Outlined below in tables 8.1 and 8.2 are the percentage changes in wholesale trade sales at current prices, constant (2000) prices and seasonally adjusted estimates.

Table 8.1 – Quarterly estimates and percentage changes

| Wholesale trade sales estimates | November 2006<br>to<br>January 2007<br>(R million) | November 2007<br>to<br>January 2008<br>(R million) | % change between November 2006 to January 2007 and November 2007 to January 2008 |
|---------------------------------|----------------------------------------------------|----------------------------------------------------|----------------------------------------------------------------------------------|
| At current prices               | 189 282                                            | 219 883                                            | +16,2                                                                            |
| At constant 2000 prices         | 128 010                                            | 135 087                                            | +5,5                                                                             |

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

| Seasonally adjusted<br>wholesale trade sales<br>estimates | December 2007<br>(R million) | January 2008<br>(R million) | % change<br>between<br>December 2007<br>and<br>January 2008 | August<br>to<br>October 2007<br>(R million) | November 2007<br>to<br>January 2008<br>(R million) | % change between August to October 2007 and November 2007 to January 2008 |
|-----------------------------------------------------------|------------------------------|-----------------------------|-------------------------------------------------------------|---------------------------------------------|----------------------------------------------------|---------------------------------------------------------------------------|
| At current prices                                         | 70 810                       | 78 839                      | +11,3                                                       | 210 708                                     | 221 174                                            | +5,0                                                                      |
| At constant 2000 prices                                   | 43 460                       | 47 358                      | +9,0                                                        | 132 367                                     | 135 261                                            | +2,2                                                                      |

### **Explanatory notes**

#### Introduction

- Statistics South Africa (Stats SA) conducts a monthly survey of the wholesale trade industry, covering wholesale enterprises (see 4 below). This survey is based on a sample drawn from the 2007 Business Sampling Frame (BSF) that contains businesses registered for value-added tax (VAT).
- As is usual, information for the latest month has had to be estimated for respondents who have not reported by the cut-off date for production of results. These estimates will be revised in future statistical releases when their reported information becomes available. Published wholesale trade sales estimates exclude VAT.

### Purpose of the 3 survey

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.

### Scope of the survey

4 This survey covers wholesale enterprises according to the following types of dealer:

- Wholesale trade on a fee or contract basis
- Sales by commission agents, commodity brokers, auctioneers and other wholesale trade on a fee or contract basis;
- Wholesale trade in agricultural raw materials and livestock;
- Wholesale trade in food, beverages and tobacco;
- Wholesale trade in textiles, clothing and footwear;
- Wholesale trade in other household goods except precious stones
- Wholesale trade in household furniture, requisites and appliances, wholesale trade in books and stationery, wholesale trade in pharmaceuticals and toiletries and wholesale trade in other household goods not elsewhere classified:
- Wholesale trade in precious stones, jewellery and silverware;
- Wholesale trade in solid, liquid and gaseous fuels and related products;
- Wholesale trade in metals and metal ores;
- Wholesale trade in construction and building materials
- Wholesale trade in construction materials, hardware, plumbing and heating equipment and supplies;
- Wholesale trade in machinery, equipment and supplies;
- Wholesale trade in other intermediate products, waste and scrap; and
- Wholesale trade in other goods
- General wholesale trade and other wholesale trade not elsewhere classified.

#### Classification

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The 1993 edition of the Standard Industrial Classification of all Economic Activities (SIC), Fifth Edition, Report No. 09-90-02, was used to classify the statistical units in the survey. The SIC is based on the 1990 International Standard Industrial Classification of all Economic Activities (ISIC) with suitable adaptations for local conditions. Statistics in this publication are presented at SIC division (four digit) level. Each enterprise is classified to the industry, which reflects its predominant activity.

### Response rate

The preliminary response rate for the survey on wholesale trade sales for January 2008 was 88,6%.

### Statistical unit

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

The survey is conducted monthly. Questionnaires are sent to a sample of about 1000 enterprises from a population of about 19 000 enterprises. Completed questionnaires are required to be returned to Stats SA within 10 days after the end of the reference month. Fax and telephone reminders are used to follow up non-respondents.

The value of sales is obtained monthly from the sample of about 1000 enterprises (which was drawn in April 2007 at the SIC four-digit level) from a population of about 19 000 wholesale enterprises. The wholesale industry is divided into four size groups. All large enterprises (size group one) are completely enumerated. Simple random sampling is applied to size groups two (medium sized), three and four (small) enterprises. The total value of sales of the large enterprises (size group one) is added to the weighted totals of size groups two, three and four to reflect the total value of sales.

### Weighting methodology

For those strata not completely enumerated, the weights to produce estimates are the inverse ratio of the sampling fraction, modified to take account of non-response in the survey. Stratum estimates are calculated and then aggregated with the completely enumerated stratum to form division estimates. These procedures, which are in line with international best practice, are described in more detail on the Stats SA website at <a href="http://www.statssa.gov.za/publications/publicationsearch.asp">http://www.statssa.gov.za/publications/publicationsearch.asp</a>.

#### **Constant prices**

11 The total sales at constant prices are calculated using a combination of the production price indices for consumption in South Africa and total output of South African industry groups from the Production Price Index (PPI) to deflate the sales at current prices. Sales by type of dealer will not be deflated until suitable deflators are found.

### Seasonal adjustment

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. Preliminary figures are indicated in the tables.
- Inaccuracies may occur because of imperfections in reporting by enterprises and errors made in the collection and processing of the data. Inaccuracies of this kind are referred to as non-sampling errors. Every effort is made to minimise non-sampling errors by careful design of questionnaires, testing them in pilot studies, editing reported data and implementing efficient operating procedures. Fluctuations may occur in consecutive months as a result of seasonal and economic factors.

### **Revised figures**

Revised figures are due to respondents reporting revisions or corrections to their figures and late submission of their data to Stats SA. Preliminary figures are indicated in the relevant tables. Data are edited at the enterprise level.

### Related publications

- 17 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

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

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### Pre-release policy

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

### Symbols and abbreviations

20 BSF Business sampling frame GDP Gross Domestic Product

ISIC International Standard Industrial Classification

SIC Standard Industrial Classification of all Economic Activities

SARS South African Revenue Service

Stats SA Statistics South Africa VAT Value-added tax

\* Revised

- Figures not available

#### **Technical note**

### Neyman optimal allocation

Before drawing in each of the surveys the population of enterprises on the Business Sampling Frame (BSF) was stratified. Strata were formed using a combination of Standard Industrial Classification and the measure of size classes for enterprises. The Neyman optimal allocation formula given below was used to allocate samples to each stratum.

$$n_{h} = \frac{N_h S_h}{\sum N_h S_l}$$

where  $N_{\text{h}}$  and  $S_{\text{h}}$  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 5.2%.

#### **Class limits**

| Enterprise size | Size Group | Lower limits | Upper limits |
|-----------------|------------|--------------|--------------|
| Very small      | 4          | 0            | 6 000 000    |
| Small           | 3          | 6 000 001    | 32 000 000   |
| Medium          | 2          | 32 000 001   | 64 000 000   |
| Large           | 1          | 64 000 001   |              |

#### **Glossary**

**Enterprise**The enterprise is a legal entity or a combination of legal units that includes and directly controls all functions necessary to carry out its sales activities.

Industry

An industry is made up of enterprises engaged in the same or similar kinds of economic activity. Industries are defined in the System of National Accounts (SNA) in the same way as in the Standard Industrial Classification of all Economic Activities, Fifth Edition,

Report No. 09-90-02 of January 1993 (SIC).

Statistical unit A statistical unit is a unit about which statistics are tabulated, compiled or published.

The statistical units are derived from and linked to the South African Revenue Service

(SARS) administrative data.

Wholesale trade Wholesale trade includes the resale (sale without transformation) of new and used goods

and products to other wholesalers, retailers, agricultural, industrial, commercial, institutional and professional users either directly or through agents on a fee or contract

basis.

Wholesaler A wholesaler is an enterprise deriving 50% or more of its turnover from sales of goods to

other businesses and institutions.

#### **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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Stats SA also provides a subscription service.

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

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