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Post and telecommunication industry 2006

Statistics South Africa

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1. Introduction

This publication updates Statistical Release P7000 'Transport, post and telecommunication industry 2006' with respect to the post and telecommunication industry, and adds the breakdown of income by sales and services. The financial information has been revised following the re-classification of some enterprises. Further financial tables have been added (capital expenditure, opening and closing inventory, assets and liabilities).

Estimates are presented in respect of the 2006 post and telecommunication large sample survey (LSS). The 2006 post and telecommunication LSS collected data from a sample of 276 enterprises drawn from a sampling frame of 875. The sample was stratified in such a way that all large enterprises (with an annual income exceeding R26 million) were included.

The statistical unit for the collection of information is an enterprise. An enterprise is a legal unit (or a combination of legal units) that includes and directly controls all functions necessary to carry out its production activities. Each enterprise is classified to an industry that reflects its predominant activity. The estimates are presently published only at national level.

A similar survey was last conducted in 2002 (P7501 The post and telecommunication industry, 2002).

1.1 Scope and coverage

The 2006 post and telecommunication large sample survey covers enterprises registered in the taxation system that are mainly engaged in providing post and associated courier activities, and telecommunication services. The activities are grouped as follows:

| (i) | National postal activities | SIC 7511 |
|-------|--|----------|
| (ii) | Courier activities other than national postal activities | SIC 7512 |
| (iii) | Telecommunication | SIC 7520 |

Excluding

• The production of radio and television programmes, whether or not combined with broadcasting, is classified under SIC 96130.

1.2 Data items

The following categories of data items were collected: industrial classification, details of employment, income, expenditure, profit or loss, inventories, book value of assets, and details of services rendered.

1.3 Reference period

The questionnaires were completed for the financial year of the enterprise which ends on any date between 1 July 2005 and 30 June 2006, according to the usual reporting schedule of the enterprise.

Example

- 1 October 2004 30 September 2005
- 1 January 2005– 31 December 2005
- 1 February 2005 31 January 2006
- 1 March 2005-28 February 2006
- 1 April 2005 31 March 2006

1.4 Current prices

The rand values are at current prices.

1.5 Reliability of data

Data were collected at the 4-digit SIC level of classification of enterprises and the response rate was 93,9%.

All estimates compiled for this industry are subject to both sampling and non-sampling errors.

The estimates are subject to sampling variability since they are based on information obtained from a sample. They may therefore differ from the figures that would have been produced if the data had been obtained from all enterprises in the Post and telecommunication industry in South Africa. The standard error (SE) indicates the extent to which an estimate might have varied by chance because only a sample of enterprises was used. The relative standard error (RSE) provides an immediate indication of the percentage errors likely to have occurred due to sampling, and thus avoids the need to refer to the size of the estimate. The larger the RSE, the less reliable the estimate is.

The following are some of the likely sources of non-sampling errors: sampling frame not up to date, wrong definitions and classification, phrasing of questions, non-response, processing and estimation. 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. Non-sampling errors occur in both sample surveys and censuses.

1.6 Confidentiality

According to Section 17 of the Statistics Act, 1999 (Act No. 6 of 1999), completed questionnaires remain confidential to Statistics South Africa (Stats SA). Individual business information is never disclosed. Results are presented in aggregated form only.

2. Background to the programme of large sample surveys

The large sample surveys serve to document comprehensively the nature and structure of all industries within the economy.

Previously, Statistics South Africa (Stats SA) periodically conducted industry censuses, i.e. collections covering all entities known to be mainly engaged in particular sectors. The last industry 'census' was conducted for the manufacturing sector in 1996. Since then, Stats SA has replaced industry censuses with periodic 'large sample surveys' of industry sectors. These surveys are based on larger samples than the sub-annual and annual surveys. They do not attempt to completely enumerate all entities within the industry scope of the surveys, but are based on stratified random samples which are representative of the survey population.

2.1 Purpose and uses of large sample surveys

The large sample survey results are used for benchmarking the Gross Domestic Product (GDP) and its components, production and price indices, annual and short-term statistical series, and for comparisons within and between industries.

Users of the large sample survey programme include the following:

- Price statisticians, particularly in refreshing the commodity basket of producer price indices;
- Policy advisers in government for monitoring the performance of industries and their contribution to the South African economy and evaluating the effectiveness of industry policies;
- Industry associations monitoring trends in their own and competing or complementary industries in order to inform their members of market changes; and
- Individual businesses using the data to analyse their performance relative to their industry.

2.2 Scope and coverage

This programme covers enterprises registered in the taxation system (VAT and income tax) that are mainly engaged in the following industries as defined in the Standard Industrial Classification of all Economic Activities (SIC):

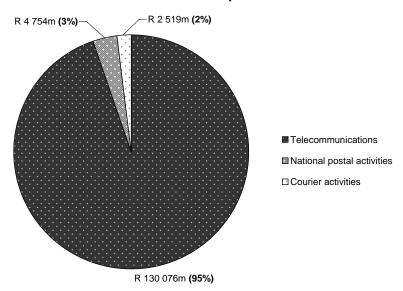
- Mining and quarrying
- Manufacturing
- Electricity, gas and water supply
- Construction
- Wholesale and retail trade, repair of motor vehicles, motor cycles and personal and household goods, and hotels and restaurants
- Transport, storage and communication
- Financial intermediation, insurance, real estate and business services
- Community, social and personal services (except national, provincial and local government activities)

Note: The agriculture, forestry, fishing, hunting and related services industry (SIC 1) is not included as it is covered by a separate programme within Statistics South Africa. Similarly, the public administration and defence activities industry (SIC 92), the financial intermediation (SIC 81) and insurance and pension funding (SIC 82) are covered by other programmes both within Stats SA and elsewhere (e.g. South African Reserve Bank).

3. Summary of findings for the year 2006

3.1 Income

Figure 1 – Breakdown of income in the post and telecommunication industry



In 2006, the total income in the post and telecommunication industry was R137 349 million. Income earned by the telecommunication industry contributed R130 076 million or 95%, with postal and courier activities contributing the balance of 5% to the total income in the industry (Figure 1).

R 1 350m (1%)

■ Large enterprises

□ Micro, Small and Medium enterprises

R 135 999m (99%)

Figure 2 – Income in the post and telecommunication industry by enterprise size

Large enterprises (those with a turnover greater than R26 million) generated R135 999 million or 99% of the total income (Figure 2).

3.1.1 Extent of concentration in income

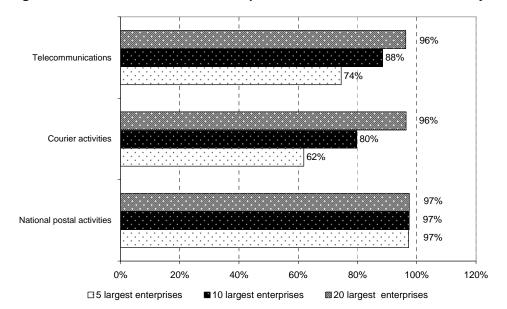
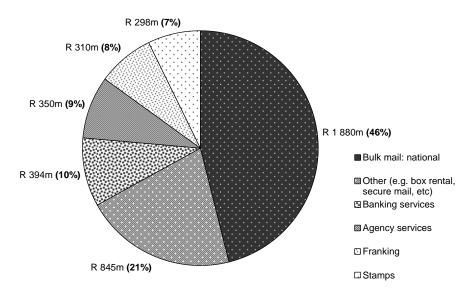


Figure 3 – Concentration ratios in the post and telecommunication industry

The 20 largest enterprises in each of the industry groups contributed 96% or more of total income (Figure 3).

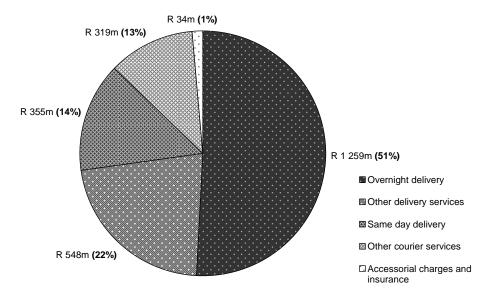
3.1.2 Income by type of service

Figure 4 – Income in the postal industry by type of service



The largest income for a specific service in the postal industry was for bulk mail with R1 880 million or 46% (Figure 4).

Figure 5 – Income in the courier industry by type of service



The largest income by type of service in the courier industry was for overnight delivery services with R1 259 million or 51% (Figure 5).

R6 435 (5%)

R12 331m (10%)

R12 331m (10%)

R48 260m (39%)

Cellular

Fixed lines

Internet

Equipment sales

Broadcasting

Other

R24 007m (19%)

Figure 6 – Income in the telecommunication industry by type of service

Figure 6 indicates that the largest income by type of service in the telecommunication industry was from services related to cellular phones (R48 260 million or 39%).

3.2 Expenditure

R 4 016m (4%)—R 2 390m (2%)

Telecommunications

National postal activities

Courier activities

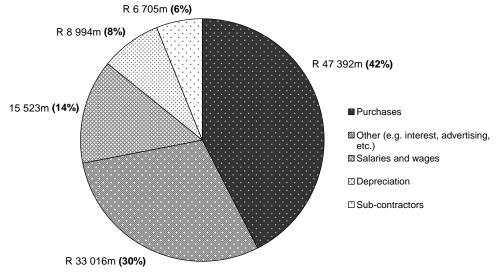
Figure 7 – Breakdown of expenditure in the post and telecommunication industry

Total expenditure in the post and telecommunication industry in 2006 was R111 630 million. Expenditure incurred by the telecommunication industry amounted to R105 224 million or 94% (Figure 7).

R 105 224m (94%)

3.2.1 Composition of expenditure

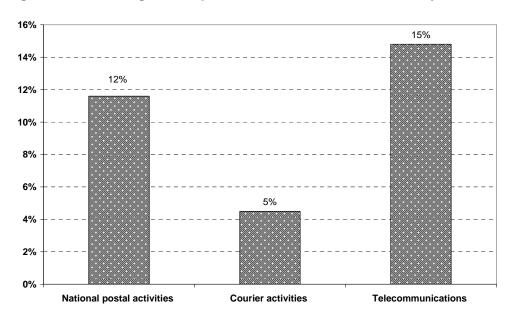
Figure 8 – Composition of expenditure in the post and telecommunication industry



The total expenditure in the post and telecommunication industry was primarily made up of purchases (R47 392 million or 42%) and salaries and wages (R15 523 million or 14%) (Figure 8).

3.3 Profit margin

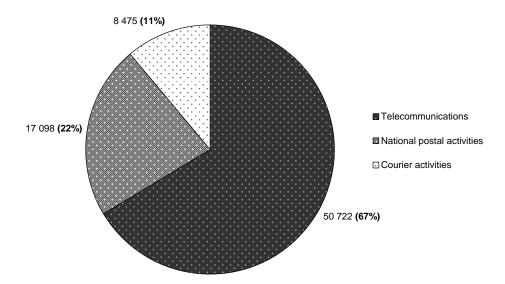
Figure 9 – Profit margin in the post and telecommunication industry



In 2006, the telecommunication industry reported the highest profit margin (15%) in the post and telecommunication industry (Figure 9).

3.4 Employment

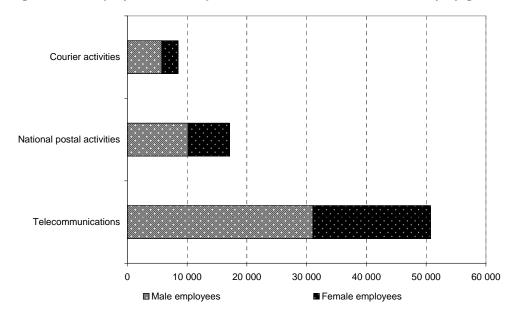
Figure 10 - Breakdown of employment in the post and telecommunication industry



The total number of persons employed in the post and telecommunication industry at the end of June 2006 was 76 295, with the telecommunication industry employing the largest number of persons (50 722 or 67%) (Figure 10).

3.4.1 Employment by gender

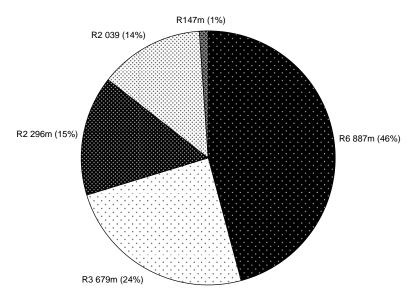
Figure 11 - Employment in the post and telecommunication industry by gender



All the sectors in the post and telecommunication industry employed more males than females (Figure 11).

3.5 Capital expenditure on new assets in the post and telecommunication industry

Figure 12 – Capital expenditure on new assets in the post and telecommunication industry $\,$



■ Land and buildings □ Other ■ Computer equipment □ Plant and equipment ■ Motor vehicles

Capital expenditure on new assets amounted to R15 048 million. The largest expenditure was on land, buildings and construction (R6 887 million or 46%) (Figure 12).

P J Lehohla

Statistician-General

4. Tables

Table 1 – Principal statistics in the post and telecommunication industry 2006

| Principal statistics | National postal activities | Courier activities | Telecommunication | Total |
|---|----------------------------|-----------------------|-------------------|---------|
| | | | R million | |
| Total income | 4 754 | 2 519 | 130 076 | 137 349 |
| Total expenditure | 4 016 | 2 390 | 105 224 | 111 630 |
| Total value of opening inventory | 100 | 0 | 2 760 | 2 860 |
| Total value of closing inventory | 74 | 0 | 3 391 | 3 465 |
| Net profit before tax | 712 | 129 | 25 482 | 26 323 |
| Book value of fixed assets at the beginning of the year | 1 376 | 236 | 52 330 | 53 942 |
| Book value of fixed assets at the end of the year | 1 101 | 303 | 58 701 | 60 105 |
| Capital expenditure on new assets | 128 | 143 | 14 777 | 15 048 |

Table 2 – Profit margin in the post and telecommunication industry 2006

| Principal statistics | National postal activities | Courier activities | Telecommunication | Total | | |
|----------------------|----------------------------|-----------------------|-------------------|---------|--|--|
| | R million | | | | | |
| Net profit after tax | 472 | 113 | 18 409 | 18 994 | | |
| Turnover | 4 077 | 2 486 | 124 736 | 131 299 | | |
| Profit margin | 11,6% | 4,6% | 14,8% | 14,5% | | |

Table 3 – Income in the post and telecommunication industry 2006

| Income | National postal activities | Courier activities | Telecommunication | Total |
|--|----------------------------|--------------------|-------------------|---------|
| | | F | R million | |
| Sales and services ¹ | 4 077 | 2 484 | 124 565 | 131 126 |
| Interest | 284 | 9 | 894 | 1 187 |
| Dividends | 24 | 8 | 2 768 | 2 800 |
| Government subsidy | 87 | 0 | 51 | 138 |
| Income from rental of land, buildings and other structures | 0 | 1 | 162 | 163 |
| Royalties, franchise fees, trade names and patent rights | 0 | 0 | 48 | 48 |
| Other income | 282 | 17 | 1 588 | 1 887 |
| Total income | 4 754 | 2 519 | 130 076 | 137 349 |

-

¹ The distinction between sales and services is not always clear in this industry.

Table 4 – Income by enterprise size in the post and telecommunication industry 2006

| Enterprise size | National postal activities | Courier activities | Telecommunication | Total | | |
|--------------------|----------------------------|-----------------------|-------------------|---------|--|--|
| | | R million | | | | |
| Large enterprises | 4 577 | 2 398 | 129 024 | 135 999 | | |
| Medium enterprises | 34 | 59 | 337 | 430 | | |
| Small enterprises | 59 | 49 | 476 | 584 | | |
| Micro enterprises | 83 | 14 | 239 | 336 | | |
| Total | 4 754 | 2 519 | 130 076 | 137 349 | | |

 $Table \ 5-Concentration \ ratios \ (relative \ contribution \ of \ largest \ enterprises) \ in \ the \ post \ and \ telecommunication \ industry, \ 2006$

| Income | | National postal activities | Courier activities | Telecommunication | Post and telecommunication |
|---|-----------|----------------------------------|-----------------------|-------------------|----------------------------|
| Total income | R million | 4 753 | 2 520 | 130 076 | 137 349 |
| Income of 5 largest enterprises | R million | 4 622 | 1 559 | 96 885 | 96 885 |
| Relative contribution of 5 largest enterprises | % | 97,2 | 61,9 | 74,5 | 70,8 |
| Income of 10 largest enterprises | R million | 4 632 | 2 010 | 115 070 | 116 994 |
| Relative contribution of 10 largest enterprises | % | 97,4 | 79,8 | 88,4 | 85,5 |
| Income of 20 largest enterprises | R million | 4 633 | 2 429 | 125 245 | 129 617 |
| Relative contribution of 20 largest enterprises | % | 97,5 | 96,4 | 96,3 | 94,7 |

Table 6 – Expenditure in the post and telecommunication industry, 2006

| Expenditure | National postal activities | Courier activities | Telecommunication | Total |
|--------------------------------|----------------------------------|-----------------------|-------------------|---------|
| | | | R million | |
| Salaries and wages | 2 010 | 765 | 12 748 | 15 523 |
| Purchases | 85 | 298 | 47 009 | 47 392 |
| Rental of land and buildings | 128 | 58 | 1 581 | 1 767 |
| Rental of plant and equipment | 56 | 34 | 1 238 | 1 328 |
| Advertising | 77 | 29 | 2 563 | 2 669 |
| Depreciation | 150 | 77 | 8 767 | 8 994 |
| Interest | 120 | 32 | 2 560 | 2 712 |
| Sub-contractors | 208 | 181 | 6 316 | 6 705 |
| Royalties and copyright | 0 | 14 | 1 066 | 1 080 |
| Security | 82 | 28 | 859 | 969 |
| Telecommunication | 103 | 77 | 418 | 598 |
| Entertainment | 3 | 9 | 321 | 333 |
| Repairs and maintenance | 31 | 56 | 2 823 | 2 910 |
| Insurance | 26 | 37 | 212 | 275 |
| Railage and transport | 271 | 102 | 5 | 378 |
| Containers and packaging | 1 | 13 | 304 | 318 |
| Paper, printing and stationery | 70 | 22 | 152 | 244 |
| Accommodation | 16 | 22 | 38 | 76 |
| Banking | 37 | 6 | 77 | 120 |
| Skills levy | 15 | 4 | 21 | 40 |
| Postage | 1 | 13 | 120 | 134 |
| Travelling | 27 | 10 | 237 | 274 |
| Losses on assets | 0 | 7 | 262 | 269 |
| Losses on liabilities | 0 | 0 | 44 | 44 |
| Vehicle running costs | 47 | 103 | 127 | 277 |
| Training | 11 | 5 | 72 | 88 |
| Property tax | 23 | 1 | 3 | 27 |
| Regional services levy | 9 | 4 | 122 | 135 |
| Research and development | 0 | 0 | 27 | 27 |
| Other expenditure | 409 | 383 | 15 132 | 15 924 |
| Total | 4 016 | 2 390 | 105 224 | 111 630 |

Table 7 - Book value of assets in the post and telecommunication industry, 2006

| Assets | National postal activities | Courier activities | Telecommunication | Total |
|--|----------------------------------|-----------------------|-------------------|--------|
| | | | R million | |
| Land | 0 | 1 | 243 | 244 |
| Residential buildings | 2 | 2 | 828 | 832 |
| Non-residential buildings | 681 | 2 | 13 858 | 14 541 |
| Construction works | 0 | 0 | 2 196 | 2 196 |
| Computers and other IT equipment | 1 | 21 | 25 517 | 25 539 |
| Motor vehicles and other transport equipment | 2 | 162 | 202 | 366 |
| Plant, machinery and other equipment | 359 | 50 | 6 477 | 6 886 |
| Computer software | 57 | 3 | 4 329 | 4 389 |
| Other intangible fixed assets | 0 | 0 | 3 334 | 3 334 |
| Intangible non-produced assets | 1 | 61 | 886 | 948 |
| Other | 0 | 0 | 831 | 831 |
| Total | 1 103 | 303 | 58 701 | 60 105 |

Table 8 – Details of assets in the post and telecommunication industry, 2006

| Assets | | National postal activities | Courier activities | Telecommunication | Total |
|-----------------------|----------------------|----------------------------------|-----------------------|-------------------|---------|
| | | | | R million | |
| ts | Bank | 3 270 | 98 | 11 096 | 14 464 |
| SSe | Debtors | 435 | 483 | 24 636 | 25 554 |
| Current assets | Inventory | 74 | 0 | 3 391 | 3 465 |
| urre | Other | 1 | 19 | 5 936 | 5 956 |
| Ö | Total | 3 780 | 600 | 45 059 | 49 439 |
| | Fixed | 1 100 | 235 | 58 619 | 59 954 |
| rent | Goodwill | 1 | 68 | 81 | 150 |
| n-curre assets | Long-term investment | 49 | 11 | 2 874 | 2 934 |
| Non-current assets | Other | 487 | 60 | 5 366 | 5 913 |
| | Total | 1 638 | 374 | 66 941 | 68 953 |
| | Total assets | 5 418 | 974 | 112 001 | 118 393 |

Table 9 - Capital expenditure on new assets in the post and telecommunication industry, 2006

| Assets | National postal activities | Courier activities | Telecommunication | Total | |
|----------------------------------|----------------------------------|-----------------------|-------------------|--------|--|
| | | R million | | | |
| Land, buildings and construction | 23 | 1 | 6 863 | 6 887 | |
| Computer equipment and software | 31 | 12 | 2 253 | 2 296 | |
| Motor vehicles | 0 | 76 | 71 | 147 | |
| Plant and equipment | 74 | 6 | 1 959 | 2 039 | |
| Other | 0 | 48 | 3 631 | 3 679 | |
| Total | 128 | 143 | 14 777 | 15 048 | |

Table 10 - Liabilities and owners' equity in the post and telecommunication industry, 2006

| Liabilities | | National postal activities | Courier activities | Telecommunication | Total |
|----------------------------|----------------|----------------------------------|-----------------------|-------------------|--------|
| | | | | R million | |
| ties | Creditors | 1 152 | 410 | 22 043 | 23 605 |
| Current liabilities | Overdraft | 3 | 65 | 8 555 | 8 623 |
| rent | Other | 2 672 | 98 | 19 268 | 22 038 |
| Cur | Total | 3 827 | 572 | 49 867 | 54 266 |
| rent | Long-term loan | 8 | 296 | 22 385 | 22 689 |
| Non-current liabilities | Other | 696 | 124 | 7 325 | 8 145 |
| Total | | 704 | 420 | 29 710 | 30 834 |
| Total liabilities | | 4 531 | 992 | 79 577 | 85 100 |
| Owners' equity | | 887 | -18 | 32 424 | 33 293 |

Table 11 – Employment in the post and telecommunication industry, at end June 2006

| Number of employees | National postal activities | Courier activities | Telecommunication | Total |
|--|----------------------------------|-----------------------|-------------------|--------|
| Male employees | 10 159 | 5 760 | 31 024 | 46 943 |
| Female employees | 6 939 | 2 715 | 19 698 | 29 352 |
| Total employees | 17 098 | 8 475 | 50 722 | 76 295 |
| Workers supplied by labour brokers | 1 099 | 309 | 1 318 | 2 726 |
| Income generated per person employed (R million) | 0,3 | 0,3 | 2,6 | 1,8 |

Table 12 – Employment by enterprise size in the post and telecommunication industry, at end June 2006

| Enterprise size | National postal activities | tal Courier Telecommunication | | Total |
|--------------------|----------------------------------|-------------------------------|--------|--------|
| Large enterprises | 16 657 | 7 815 | 47 026 | 71 498 |
| Medium enterprises | 113 | 448 | 1 288 | 1 849 |
| Small enterprises | 48 | 146 | 1 271 | 1 465 |
| Micro enterprises | 280 | 66 | 1 137 | 1 483 |
| Total | 17 098 | 8 475 | 50 722 | 76 295 |

Table 13 – Details of income by type of sales and services within the postal industry, 2006

| Sales and services ¹ | Income R million | Percentage |
|---------------------------------|---------------------|------------|
| Bulk mail: national | 1 880 | 46,1 |
| Franking | 310 | 7,6 |
| Envelopes | 157 | 3,9 |
| Stamps | 298 | 7,3 |
| Box rental | 220 | 5,4 |
| Secure mail | 32 | 0,8 |
| Money transfers | 44 | 1,1 |
| Lotto and game cards | 9 | 0,2 |
| Banking services | 394 | 9,7 |
| Remailing services | 34 | 0,8 |
| Fax and photocopy | 22 | 0,5 |
| Internet services | 8 | 0,2 |
| Agency services | 350 | 8,6 |
| Other sales and services | 319 | 7,8 |
| Total postal sales and services | 4 077 | 100 |

Table 14 – Details of income by type of sales and services within the courier industry, 2006

| Sales and services ¹ | Income R million | Percentage |
|----------------------------------|---------------------|------------|
| Same-day delivery | 355 | 14,3 |
| Overnight delivery | 1 259 | 50,7 |
| Other delivery services | 548 | 22,1 |
| Assessorial charges | 20 | 0,8 |
| Insurance | 14 | 0,6 |
| Other courier services | 285 | 11,5 |
| Total courier sales and services | 2 484 | 100 |

 $^{\rm 1}$ The distinction between sales and services is not always clear in this industry.

-

Table 15 – Details of income by type of sales and services within the telecommunication industry, 2006 $\,$

| Sales and services ¹ | Income R million | Percentage |
|--|---------------------|------------|
| Fixed lines | 24 007 | 19,3 |
| Call costs: Local | 18 235 | 14,6 |
| Call costs: International | 997 | 0,8 |
| Subscriptions | 4 775 | 3,8 |
| Cellular | 48 260 | 38,7 |
| Airtime: Local | 28 083 | 22,5 |
| Airtime: International | 1 108 | 0,9 |
| Subscription: Contract | 6 166 | 5,0 |
| Subscription: Prepaid | 12 269 | 9,8 |
| Subscription: Community service | 634 | 0,5 |
| Equipment sales | 12 331 | 9,9 |
| Telephone | 976 | 0,8 |
| Cell phones | 8 011 | 6,4 |
| Other | 3 344 | 2,7 |
| Internet | 23 975 | 19,2 |
| Narrowband | 834 | 0,7 |
| Broadband | 2 006 | 1,6 |
| Backbone services | 25 | 0,0 |
| Data revenue | 8 343 | 6,7 |
| Interconnect revenue | 12 767 | 10,2 |
| Broadcasting | 9 557 | 7,7 |
| TV licence and subscriptions | 5 364 | 4,3 |
| Sales: decoders | 465 | 0,4 |
| Sales: other | 13 | 0,0 |
| Advertising: TV | 1 339 | 1,1 |
| Advertising: Radio | 517 | 0,4 |
| Sponsorship: TV | 43 | 0,0 |
| Sponsorship: Radio | 64 | 0,1 |
| Connecting services | 40 | 0,0 |
| Other broadcasting activities | 1 712 | 1,4 |
| Other telecommunication | 6 435 | 5,2 |
| Total telecommunication sales and services | 124 565 | 100 |

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¹ The distinction between sales and services is not always clear in this industry.

Explanatory notes

Business register

The sample was drawn from Stats SA's business register. The business register is based mainly on the income tax (IT) and value-added tax (VAT) databases of the South African Revenue Service (SARS). All enterprises are legally bound to register for either VAT or IT or both. Enterprises registered in the taxation system are included on the business register, and hence were given a chance of selection in the sample for the survey.

Value Added Tax (VAT)

All figures exclude Value Added Tax (VAT).

Classification by industry

The 1993 edition of the Standard Industrial Classification of all Economic Activities (SIC), Fifth Edition, Report No. 09-09-02, 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 an industry, which reflects its predominant activity.

Size groups

The enterprises are divided into four size groups according to the value of turnover recorded for them on the Stats SA business register. Large enterprises are those with an annual recorded turnover of R64 million and above. Table 16 presents the size groups defined using the Department of Trade and Industry (DTI) cut-off points,

Table 16 - Size groups for the Post and telecommunication industry, 2006

| Size group | Turnover |
|------------|--------------------------------------|
| Large | Turnover > R26 000 000 |
| Medium | R13 000 000 < Turnover < R26 000 000 |
| Small | R6 000 000 < Turnover < R13 000 000 |
| Micro | Turnover < R6 000 000 |

Survey methodology and design

The survey was conducted by post, email, fax, telephone and personal visits.

A sample of 276 enterprises was drawn using stratified simple random sampling. The enterprises were first stratified at four-digit level according to the SIC and then by enterprise size. All large enterprises are completely enumerated. Turnover as recorded on the business register was used as the measure of size for stratification.

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.

Relative standard error and confidence intervals

Table 17 – Relative standard errors and income in the post and telecommunication industry 2006 within 95% confidence limits

| Service | Lower limit | Total income | Upper limit | Relative standard error |
|----------------------------|-------------|--------------|-------------|-------------------------|
| | | % | | |
| National postal activities | 4 670 | 4 754 | 4 837 | 0,9 |
| Courier activities | 2 499 | 2 519 | 2 538 | 0,4 |
| Telecommunication | 129 821 | 130 076 | 130 330 | 0,1 |
| Total | 137 080 | 137 349 | 137 618 | 0,1 |

The relative standard error of the total income due to unit imputation was estimated at 0, 04%.

Comparability with previously published information

The information in this publication is comparable with the post and telecommunication industry as a whole and with the post and telecommunication sector from the Economic Activity Survey 2006.

Rounding of figures

The figures in the tables have, where necessary, been rounded to the nearest final digit shown. There may therefore be slight discrepancies between the sums of the constituent items of the totals shown.

Abbreviations

| BR | Business register |
|----------|--|
| DTI | Department of Trade and Industry |
| GDP | Gross Domestic Product |
| | International Standard Industrial Classification of all Economic |
| ISIC | Activities |
| IT | Income tax |
| RSE | Relative standard error |
| SARS | South African Revenue Service |
| SE | Standard error |
| SIC | Standard Industrial Classification of all Economic Activities |
| SNA | System of National Accounts |
| Stats SA | Statistics South Africa |
| VAT | Value-added tax |
| | |

Glossary

Concentration ratio

The concentration ratio is the ratio of the income of the n largest enterprises to the total

income.

Employees Employees are those people employed by the business or organisation who received

payment (in salaries, wages, commission, piece rates or payments in kind) for the last

pay period ended on or before 30 June 2006.

Enterprise A legal entity or a combination of legal units that includes and directly controls all

functions necessary to carry out its production 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).

Net profit or loss before tax

Net profit or loss before tax is derived as:

Total income

plus Closing stocks **minus** Total expenditure **minus** Opening stocks

Profit margin Profit margin is derived as:

Net profit or loss after tax divided by turnover multiplied by 100

Statistical unit 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.

Stratum A stratum is constructed by concatenating the SIC classification and size group

variables.

Sub-contractors Includes labour brokers

Turnover Turnover includes:

the value of sales

· amounts received for work done

amounts received for services rendered

rent and/or lease payments received for land and buildings

• rent, leasing and hiring received for machinery, vehicles and other equipment

Turnover excludes:

value-added tax (VAT)

 net profit or loss on sales or revaluation of fixed assets (including profit or loss on foreign exchange)

export freight charges

interest received

excise duty