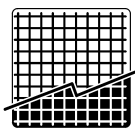


**Discussion paper**  
**Comparative labour statistics**  
**Survey of employment and earnings**  
**in selected industries**  
**December 2001**



**Statistics**  
**South Africa**

Statistics South Africa  
26 March 2002

### Key figures for the quarter ended December 2001

Estimates	December 2001	% change between September 2001 and December 2001	% change between December 2000 and December 2001
Number of employees (salary and wage earners)	4 648 731	-0,1	-1,4
Gross salaries and wages (R'000)	86 950 969	+11,1	+8,9

### Key findings for the quarter ended December 2001

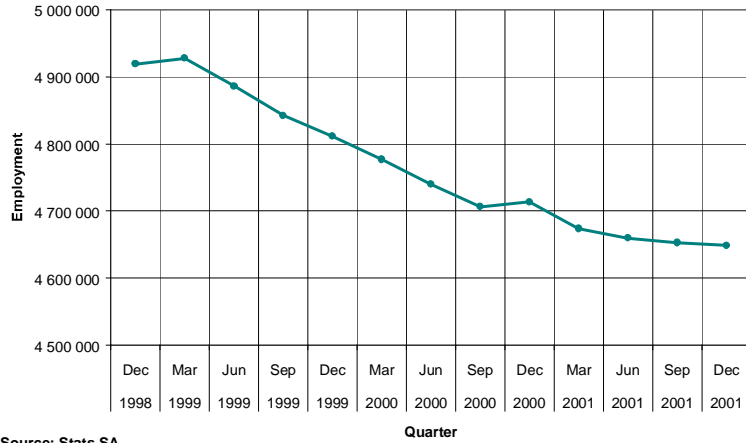
**Employment in the measured component of the formal non-agricultural business sector, excluding specific industries and subgroups (cf. page 7 for the list of industries and subgroups which are excluded from this survey), decreased slightly from 4 652 620 employees at September 2001 to 4 648 731 employees (-0,1%) at December 2001**

According to the December 2001 Survey of Employment and Earnings in selected industries 4 648 731 persons were employed in the formal non-agricultural business sector, excluding specific industries and subgroups (cf. page 7 for the list of industries and subgroups which are excluded from this survey), at the end of December 2001. This reflects an annual decrease of 1,4% or 64 803 employees compared with December 2000 and a quarterly decrease of 0,1% or 3 889 employees between September 2001 and December 2001. The quarterly decrease of 3 889 employees was mainly due to quarterly decreases in employment reported by the manufacturing industry (-13 697 employees) and the construction industry (-5 545 employees).

The overall quarterly decrease in employment was mainly due to the retrenchment of seasonal employees in the manufacturing industry, the retrenchment of employees whose contracts had ended in the construction industry and the retrenchment of part-time employees employed by provincial administrations, a component of the measured component of the community, social and personal services industry.

Figure 1 shows that, in the surveyed industries there has been a steady decrease in employment, which appears to have slowed down after September 2000.

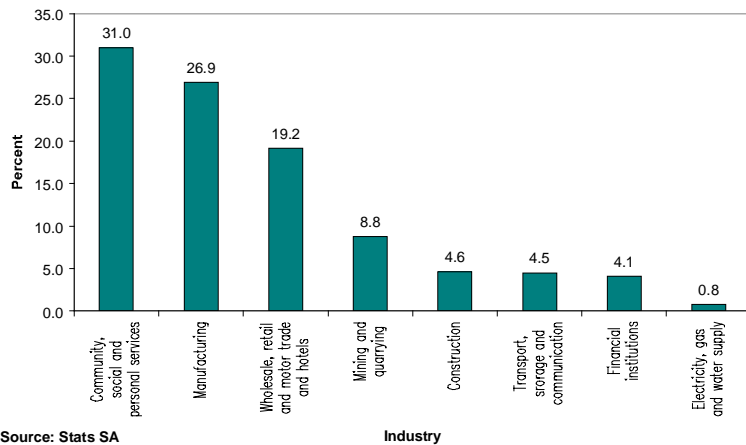
**Figure 1 – Employment in the measured component of the formal non-agricultural business sector: March 1999 to December 2001**



Source: Stats SA

Figure 2 shows that the measured component of the community, social and personal services industry was the largest contributor (31,0%) to formal non-agricultural employment, excluding specific industries and subgroups (cf. page 7 for the list of industries and subgroups which are excluded from this survey), at the end of December 2001, followed by the manufacturing industry (27,2%), the wholesale trade, retail trade, motor trade and hotels industry (18,9%), the mining and quarrying industry (8,7%), the construction industry (4,7%), the measured component of the transport, storage and communication industry (4,5%), the measured component of the financial institutions industry (4,1%) and the electricity, gas and water supply industry (0,8%).

**Figure 2 – Employment contribution of industries to formal non-agricultural employment, excluding specific industries and subgroups: December 2001**



Source: Stats SA

Annual decreases in employment from December 2000 to December 2001 occurred in all of the eight measured industries. The manufacturing industry reflected the largest annual decrease of 28 646 employees (-2,2%), mainly due to the retrenchment of seasonal and part-time employees, followed by the mining and quarrying industry (-11 157 employees or -2,7%); the construction

industry (-8 987 employees or -4,0%); the measured component of the transport, storage and communication industry (-7 939 employees or -3,7%); the measured component of the financial institutions industry, which includes banking institutions and insurance companies, (-4 098 employees or -2,1%); the measured component of the community, social and personal services industry, which includes the government sector (-2 464 employees or -0,2%); the wholesale trade, retail trade, motor trade and hotels industry (-1 260 employees or -0,1%); and the electricity, gas and water supply industry (-252 employees or -0,6%) .

The measured component of the formal non-agricultural business sector showed a quarterly decrease of 0,1% or 3 889 employees. The quarterly decrease was reflected by four of the eight industries. The manufacturing industry reflected the largest quarterly decrease of 13 697 employees (-1,1%), followed by the construction industry (-5 545 employees or -2,5%); the electricity, gas and water supply industry (-351 employees or -0,9%); and the measured component of the transport, storage and communication industry (-322 employees or -0,2%).

These quarterly decreases were partially counteracted by quarterly increases in employment in the wholesale trade, retail trade, motor trade and hotels industry (+12 698 employees or +1,4%); the mining and quarrying industry (+2 402 employees or +0,6%); the measured component of the financial institutions industry, which includes banking institutions and insurance companies, (+632 employees or +0,3%); and the measured component of the community, social and personal services industry, which includes the government sector, (+294 employees or +0,0%).

### **Annual and quarterly changes in the level of employment at December 2001**

The *mining and quarrying industry* reflected an annual decrease of 11 157 employees (-2,7%) at December 2001 compared with December 2000. The quarterly increase of 2 402 employees (+0,6%) at December 2001 compared with September 2001, reported by this industry was mainly due to an increase of employment in gold mining enterprises. According to the Minerals Bureau, from which Stats SA receives information regarding this industry, the information for the latest quarter is preliminary and will be revised by them as soon as they receive more information from the different mines.

An annual decrease of 28 646 employees (-2,2%) at December 2001 compared with December 2000 was reported by the *manufacturing industry*. The quarterly decrease of 13 697 employees (-1,1%) at December 2001 compared with September 2001, reported by this industry, was mainly due to the retrenchment of seasonal and part-time employees in some manufacturing divisions. Quarterly decreases were reflected by the wood, paper, printing and publishing (-10 414 employees or -5,9%), the food, beverages and tobacco (-8 431 employees or -4,5%), the transport equipment (-2 164 employees or -2,4%), the professional equipment (-1 643 employees or -8,3%), the non-metallic mineral products (-334 employees or -0,8%) and the electrical machinery (-85 employees or -0,1%) divisions. These increases were partially counteracted by increases in the textiles, clothing and leather (+4 544 employees or +2,2%), the basic metals, metal products and machinery (+2 443 employees or +1,1%), the furniture, manufacturing n.e.c. and recycling (+2 249 employees or +3,5%) and the coke oven products, petroleum

refineries, nuclear fuel, chemicals and chemical products, rubber and plastic products (+138 employees or +0,1%) divisions.

The *electricity, gas and water supply industry* reflected an annual decrease of 252 employees (-0,6%) at December 2001 compared with December 2000. The quarterly decrease of 351 employees (-0,9%) at December 2001 compared with September 2001 was mainly due to the retrenchment of part-time employees.

An annual decrease of 8 987 employees (-4,0%) at December 2001 compared with December 2000 was reported by the *construction industry*. The quarterly decrease of 5 545 employees (-2,5%) at December 2001 compared with September 2001 was mainly due to the retrenchment of contract workers due to the completion of contracts entered into, mainly by the building of complete constructions or parts thereof and civil engineering division (-5 058 employees or -3,1%) and the building installation division (-1 148 employees or -3,5%). The site preparation division and the building completion division reflected marginal quarterly increases of 537 employees or +3,7% and 124 employees or +1,7%, respectively.

The *wholesale trade, retail trade, motor trade and hotels industry* reflected an annual decrease of 1 260 employees (-0,1%) at December 2001 compared with December 2000. The quarterly increase of 12 698 employees (+1,4%) at December 2001 compared with September 2001 reported by this industry was mainly due to the appointment of seasonal employees for the festive season by all the components of this industry.

An annual decrease of 7 939 employees (-3,7%) at December 2001 compared with December 2000 was reported by the measured component of the *transport, storage and communication industry*. The quarterly decrease of 322 employees (-0,2%) reflected by the measured component of this industry at December 2001 compared with September 2001 was mainly due to the retrenchment of employees by governmental institutions due to restructuring.

The measured component of the *financial institutions industry* reflected an annual decrease of 4 098 employees (-2,1%) at December 2001 compared with December 2000. The quarterly increase of 632 employees (+0,3%) at December 2001 compared with September 2001 reported by the measured component of this industry was mainly due to the appointment of employees by the insurance companies component of this industry.

An annual decrease of 2 464 employees (-0,2%) at December 2001 compared with December 2000 was reported by the measured component of the *community, social and personal services industry*. The quarterly increase of 294 employees (+0,0%) reflected by the measured component of this industry at December 2001 compared with September 2001 was mainly due to the appointment of employees by local government departments.

**Gross salaries and wages paid to employees during the fourth quarter of 2001 reflected an annual increase of 8,9% compared with the fourth quarter of 2000 and a quarterly increase of 11,1% compared with the third quarter of 2001**

Gross salaries and wages paid to employees during the quarter ended December 2001 (October 2001 to December 2001), amounted to R86 951 million. This reflected an annual increase of 8,9% compared with the quarter ended December 2000 (October 2000 to December 2000) and a quarterly increase of 11,1% or R8 716 million compared with the third quarter of 2001 (July 2001 to September 2001). This quarterly increase was mainly due to annual bonuses paid to employees across all of the eight industries of the formal non-agricultural business sector excluding specific industries and subgroups (cf. page 7 for the list of industries and subgroups which are excluded from this survey). The electricity, gas and water supply industry reflected the largest quarterly increase in gross salaries and wages paid to employees during the fourth quarter of 2001 compared with the third quarter of 2001 (+17,3%), followed by the measured component of the community, social and personal services industry, which includes the government sector (+14,2%); the manufacturing industry (+10,4%); the mining and quarrying industry (+9,5%); the construction industry (+9,2%); the wholesale trade, retail trade, motor trade and hotels industry (+9,1%); the measured component of the transport, storage and communication industry (+6,3%); and the measured component of the financial institutions industry (+5,7%).

**Annual and quarterly changes in the gross salaries and wages at the fourth quarter of 2001**

The gross salaries and wages paid to employees in the *mining and quarrying industry* for the fourth quarter of 2001 reflected an annual increase of 12,6% compared with the fourth quarter of 2000 and a quarterly decrease of 9,5% compared with the third quarter of 2001. The information for the latest quarter is preliminary and will be revised by the Minerals Bureau as soon as they receive more information from the different mines.

The *manufacturing industry* reflected an annual increase of 7,4% in the gross salaries and wages paid to employees for the fourth quarter of 2001 compared with the fourth quarter of 2000 and a quarterly increase of 10,4% compared with the third quarter of 2001. This quarterly increase was mainly due to annual salary increases, annual bonuses and leave payments and more overtime hours worked by employees during the fourth quarter of 2001 compared to the third quarter of 2001.

The gross salaries and wages paid to employees in the *electricity, gas and water supply industry* for the fourth quarter of 2001 reflected an annual increase of 8,3% compared with the fourth quarter of 2000 and a quarterly increase of 17,3% compared with the third quarter of 2001. This quarterly increase was mainly due to annual bonuses paid to employees in November of each year, which was reflected in the fourth quarter of 2001.

The *construction industry* reflected an annual increase of 8,5% in the gross salaries and wages paid to employees for the fourth quarter of 2001 compared

with the fourth quarter of 2000 and a quarterly increase of 9,2% compared with the third quarter of 2001. This quarterly increase was mainly due to annual bonuses and leave payments and more overtime hours worked by employees during the fourth quarter of 2001 compared to the third quarter of 2001.

The gross salaries and wages paid to employees in the *wholesale trade, retail trade, motor trade and hotels industry* for the fourth quarter of 2001 reflected an annual increase of 6,2% compared with the fourth quarter of 2000 and a quarterly increase of 9,1% compared with the third quarter of 2001. This quarterly increase was mainly due to annual bonuses, leave payments and performance bonuses paid to employees and more overtime hours worked by employees in this industry during the fourth quarter of 2001 compared to the third quarter of 2001.

The measured component of the *transport, storage and communication industry* reported an annual decrease of 9,4% in the gross salaries and wages paid to employees for the fourth quarter of 2001 compared with the fourth quarter of 2000 and a quarterly increase of 6,3% compared with the third quarter of 2001. This quarterly increase was mainly due to annual bonuses, incentive bonuses and leave payments paid to employees in both governmental and non-governmental institutions during the fourth quarter of 2001.

The measured component of the *financial institutions industry* reported an annual increase of 9,4% in the gross salaries and wages paid to employees for the fourth quarter of 2001 compared with the fourth quarter of 2000 and a quarterly increase of 5,7% compared with the third quarter of 2001. This quarterly increase was mainly due to annual salary increases and annual bonuses paid to employees during the fourth quarter of 2001.

The gross salaries and wages paid to employees in the *measured component of the community, social and personal services industry* for the fourth quarter of 2001 reflected an annual increase of 12,5% compared with the fourth quarter of 2000 and a quarterly increase of 14,2% compared with the third quarter of 2001. This quarterly increase was mainly due to annual salary increases back dated till July 2001 and paid out to employees in the government sector during October 2001, annual bonuses paid to employees and remuneration paid to approximately 100 000 field workers engaged by Statistics South Africa in the 2001 Population census project during the fourth quarter of 2001.

### **Comparability of results with other Stats SA employment data sources**

At the end of January 2000, Stats SA introduced a Labour Force Survey (LFS), which, like the October Household Survey (OHS) is a household-based survey. This survey collects information, twice per annum, regarding employed and unemployed persons in the formal and informal business sectors in more detail than was possible in the OHS.

Previously the annual OHS collected, and currently the LFS collects, information on employment in South Africa. The latest results from the 1999 OHS were published on 31 July 2000 in the statistical release P0317. The results of the pilot February 2000 LFS were released in a discussion document on 27 March 2001. The latest results of the LFS were released in the statistical release LFS September 2001 on 26 March 2002.

Care should be taken when comparing the results of the Survey of Employment and Earnings in selected industries with the results of the annual

OHS or the LFS as different sample designs and survey methodologies are used.

The OHS collected, and the LFS collects, information regarding the employment status of adults by visiting a probability sample of households in South Africa. The Survey of Employment and Earnings in selected industries collects information from a sample of businesses in the formal non-agricultural business sector. Currently the Survey of Employment and Earnings in selected industries does not collect information from the following industries –

- agriculture, hunting, forestry and fishing;
- restaurants and other eating and drinking places, boarding houses, caravan parks and guest farms;
- water and air transport;
- financial institutions other than banking institutions, building societies and insurance companies;
- real estate and business services;
- educational services;
- medical, dental and other health services;
- welfare organisations;
- religious organisations; and
- recreational and culture services.

It also excludes domestic services and the informal sector.

It is planned to extend the coverage of these industries through the current re-engineering of the Business Register, and improved data-sharing among government departments.

The main purpose of the OHS was, and the LFS is, to obtain indicators on the size of the economically active population in South Africa with special reference to the number of unemployed persons. Employees from both the formal and informal business sectors are covered by the OHS and the LFS, since they are reached by interviews in households, not businesses.

The decreases in employment in the formal non-agricultural business sector, as reflected by the Survey of Employment and Earnings in selected industries, thus, do not necessarily reflect an equivalent increase in the number of unemployed persons in South Africa, since some of the persons may have taken up or created employment in the sectors or industries listed above which are not included in this survey. This can currently only be detected in the OHS or the LFS household surveys.

### **New sample**

According to international best practices and in order to train the respondents in using the new questionnaire, validate the information received and avoid a break in the time series published in this statistical release, Stats SA decided to introduce a new questionnaire as the first step in the re-engineering process. Stats SA will in due course, as the second step, introduce a new sample.

Currently Stats SA is busy re-engineering the register of businesses which serves as the sampling frame, in collaboration with the South African Revenue Service and the Departments of Trade and Industry and Labour. The process will take some time, since there are hundreds of thousands of businesses, many of whom are, in any given period, changing ownership, closing, or being



registered. As soon as this improvement in the listing and classification of businesses has been implemented, Stats SA will draw a new sample. Stats SA will endeavour to include new economic activities such as cellular telephone networks, internet service providers and satellite TV as soon as these additional sources of information become available.

### **Comparison of the results of the Survey of Employment and Earnings in selected industries at September 1999 with the results of the October 1999 Household Survey**

According to the results of the October 1999 Household Survey, the number of employees at that time was 10,4 million, comprising 1,1 million employees in the agricultural industry, 1,9 million employees in the informal sector, 0,8 million employees in domestic services, and 6,6 million employees in the overall formal sector. The number of employees in the formal non-agricultural business sector as reflected by the Survey of Employment and Earnings in selected industries at September 1999, was 4,8 million employees. The difference of 1,8 million employees is due to some formal sector services not covered in the Survey of Employment and Earnings in selected industries, as well as casualisation of labour e.g. outsourcing (cf. page 7 for the list of industries and subgroups which are excluded from this survey).

### **Comparison of the results of the Survey of Employment and Earnings in selected industries at March 2000 with the results of the February 2000 Labour Force Survey**

According to the results of the February 2000 Labour Force Survey, the number of employees at that time was 11,9 million, comprising 2,3 million employees in the agricultural industry, 1,8 million employees in the informal sector, 1,0 million employees in the domestic services, 6,7 million employees (excluding formal agricultural industry) in the overall formal sector and 0,1 million employees who could not classify themselves whether they were working in the formal or informal sector. The number of employees in the formal non-agricultural business sector as reflected by the Survey of Employment and Earnings in selected industries at March 2000 was 4,8 million employees. The difference of 1,9 million employees is due to some formal sector services not covered in the Survey of Employment and Earnings in selected industries (cf. page 7 for the list of industries and subgroups which are excluded from this survey), as well as casualisation of labour e.g. outsourcing.

### **Comparison of the results of the Survey of Employment and Earnings in selected industries at September 2000 with the results of the September 2000 Labour Force Survey**

According to the results of the September 2000 Labour Force Survey, the number of employees at that time was 11,7 million, comprising 1,6 million employees in the agricultural industry, 1,9 million employees in the informal sector, 1,0 million employees in the domestic services, 6,8 million employees (excluding formal agricultural industry) in the overall formal sector and 0,3 million employees who could not classify themselves whether they were working in the formal or informal sector. The number of employees in the formal non-agricultural business sector as reflected by the Survey of Employment and Earnings in selected industries at September 2000 was 4,7 million employees. The difference of 2,1 million employees is due to some formal sector services not covered in the Survey of Employment and Earnings

in selected industries (cf. page 7 for the list of industries and subgroups which are excluded from this survey), as well as casualisation of labour e.g. outsourcing.

### **Comparison of the results of the Survey of Employment and Earnings in selected industries at March 2001 with the results of the February 2001 Labour Force Survey**

According to the results of the February 2001 Labour Force Survey, the total number of employees at that time was 11,8 million, comprising 1,3 million employees in the agricultural industry, 2,7 million employees in the informal sector, 0,9 million employees in the domestic services, 6,7 million employees (excluding formal agricultural industry) in the overall formal sector and 0,2 million employees who could not classify themselves whether they were working in the formal or informal sector. The number of employees in the formal non-agricultural business sector as reflected by the Survey of Employment and Earnings in selected industries at March 2001 was 4,7 million employees. The difference of 2,0 million employees is due to some formal sector services not covered in the Survey of Employment and Earnings in selected industries (cf. page 7 for the list of industries and subgroups which are excluded from this survey), as well as casualisation of labour e.g. outsourcing.

### **Comparison of the results of the Survey of Employment and Earnings in selected industries at September 2001 with the results of the September 2001 Labour Force Survey**

According to the results of the September 2001 Labour Force Survey, the total number of employees at that time was 10,8 million, comprising 1,0 million employees in the agricultural industry, 1,9 million employees in the informal sector, 0,9 million employees in the domestic services, 6,9 million employees (excluding formal agricultural industry) in the overall formal sector and 0,1 million employees who could not classify themselves whether they were working in the formal or informal sector. The number of employees in the formal non-agricultural business sector as reflected by the Survey of Employment and Earnings in selected industries at September 2001 was 4,7 million employees. The difference of 2,2 million employees is due to some formal sector services not covered in the Survey of Employment and Earnings in selected industries (cf. page 7 for the list of industries and subgroups which are excluded from this survey), as well as casualisation of labour e.g. outsourcing.

### **Comparison of the results of the February 2000, September 2000, February 2001 and September 2001 Labour Force Surveys**

When comparing the results of the February 2000, September 2000, February 2001 and September 2001 Labour Force Surveys, there was an annual decrease of 43 000 employees or 0,4 % in total employment between February 2000 and February 2001, an annual decrease of 7,5% in total employment between September 2000 and September 2001 and a decrease of 1 004 000 employees or 8,5% between February 2001 and September 2001.

Employment in the agricultural industry reflected annual decreases 913 000 employees or 40,3% between February 2000 and February 2001 and 607 000 employees or 37,2% between September 2000 and September 2001. Between

February 2001 and September 2001 a further decrease of 327 000 employees or 24,2% occurred.

The informal sector showed a substantial annual increase in the number of employees from 1 821 000 to 2 665 000 employees between February 2000 and February 2001 (844 000 employees or 46,5%) and an annual decrease of 60 000 employees or 3,1% between September 2000 and September 2001. A decrease of 792 000 or 29,7% was reported by the informal sector between February 2001 and September 2001.

The number of domestic workers decreased by 87 000 or 8,7% between February 2000 and February 2001 and by 83 000 or 8,3% between September 2000 and September 2001. Between February 2001 and September 2001 an increase of 2 000 employees or 0,2% was reported.

Employment in the overall formal sector (excluding formal agricultural industry) remained at the same level at February 2001 as at February 2000, i.e. at 6 678 000 employees. Between September 2000 and September 2001 employment in the overall formal sector, (excluding formal agricultural industry), increased by 31 000 employees or 0,5%. However, there was an increase of 195 000 employees or 2,9% between February 2001 and September 2001.

PP  
PJ Lehohla  
Statistician-General: Statistics South Africa

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## Notes

<b>Forthcoming issues</b>	<table border="0"> <thead> <tr> <th style="text-align: left;"><b>Issue</b></th> <th style="text-align: left;"><b>Expected release date</b></th> </tr> </thead> <tbody> <tr> <td>March 2002</td> <td>25 June 2002</td> </tr> <tr> <td>June 2002</td> <td>24 September 2002</td> </tr> <tr> <td>September 2002</td> <td>17 December 2002</td> </tr> <tr> <td>December 2002</td> <td>25 March 2003</td> </tr> </tbody> </table>	<b>Issue</b>	<b>Expected release date</b>	March 2002	25 June 2002	June 2002	24 September 2002	September 2002	17 December 2002	December 2002	25 March 2003
<b>Issue</b>	<b>Expected release date</b>										
March 2002	25 June 2002										
June 2002	24 September 2002										
September 2002	17 December 2002										
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<b>Purpose of the survey</b>	<p>The Survey of Employment and Earnings in selected industries is a quarterly survey covering a sample of private and public businesses/organisations in the formal non-agricultural business sector, excluding specific industries and subgroups (cf. page 7 for the list of industries and subgroups which are excluded from this survey), of the South African economy. The information received is used to estimate key economic statistics on employment and gross salaries and wages, mainly used as an input to the Gross Domestic Product (GDP).</p>										
<b>New questionnaire</b>	<p>Prior to 1998 Stats SA conducted 17 discrete monthly or quarterly business surveys. In order to improve coverage and reliability, lessen the respondent burden and fulfil the International Monetary Fund's (IMF) Special Data Dissemination Standards (SDDS) regarding timeliness and data quality, to which South Africa subscribes, Stats SA has overhauled and redesigned its suite of 17 Labour surveys, with the assistance of the Australian Bureau of Statistics (ABS). These surveys have been replaced with two new complementary countrywide surveys, namely the Survey of Employment and Earnings in selected industries and the Survey of Average Monthly Earnings (AME) in selected industries.</p> <p>The Survey of Employment and Earnings in selected industries is a quarterly sample survey. Information is collected in March, June, September and December of each year. The survey collects and provides information on current indicators of employment and the contribution of salaries and wages to the GDP needed for compiling the National Accounts for South Africa and is required to meet the international reporting obligations, particularly regarding the IMF's SDDS. The Survey of Employment and Earnings in selected was piloted in the third quarter of 1997 and is being formally reported on as from the first quarter of 1998. This survey collects information on 24 data items which include -</p> <ul style="list-style-type: none"> <li>• number of full-time and part-time employees who received pay for any part of the last pay period ending on or before the end of the reference quarter;</li> <li>• number of employees who commenced working for the business/organisation during the reference quarter;</li> <li>• number of employees who left the business/organisation during the reference quarter;</li> <li>• gross salaries and wages paid for all payrolls for the reference quarter; and</li> <li>• severance, termination and redundancy payments paid during the reference quarter.</li> </ul> <p>The Survey of Average Monthly Earnings (AME) in selected industries is a quarterly sample survey and collects information in February, May, August and November of each year. This survey serves as a vehicle for monitoring current indicators of the South African economy. The output from this collection is important for economists as well as policy-makers. The AME,</p>										

piloted in 1998 and in operation since February 1999, collects the following information -

- full-time and part-time employees who received pay for any part of the last pay period ending on or before the last day of the reference month;
- paid for ordinary-time hours worked by full-time and part-time employees during the reference month;
- paid for overtime hours worked by full-time and part-time employees during the reference month;
- basic salaries and wages paid to full-time and part-time employees for the reference month;
- performance and other bonuses paid to full-time and part-time employees for the reference month;
- overtime payments paid to full-time and part-time employees for the reference month; and
- the number of vacancies as at the end of the reference month.

Prior to 1998, the monthly manufacturing, construction and electricity surveys collected and provided current indicators on employment and salaries and wages for compiling the National Accounts of South Africa. Information on hours worked and labour turnover was also collected. Each of these surveys had 132 data items. A stratified systematic sample was used to collect the necessary information. All large businesses were completely enumerated and systematic samples were drawn from medium and small businesses. The basis for the selection of the sample was the number of employees. Information collected through the questionnaire included -

- number of employees on the last pay day of the month (weekly and monthly paid employees by population group);
- number of discharges during the month;
- number of resignations during the month;
- number of employees appointed during the month (weekly and monthly paid employees by population group);
- total gross salaries and wages for the month;
- overtime wages;
- bonuses paid for the month;
- total actual hours worked; and
- staff shortages.

Information regarding wholesale trade, retail trade, motor trade, hotels, banking institutions, building societies, insurance companies, national departments, provincial administrations, local governments, universities and technikons, agricultural marketing boards, parastatal institutions and public corporations were collected through quarterly surveys. Each of these surveys collected information on 43 data items, except those for local governments, on which information regarding 118 data items were collected.

Wholesale trade, retail trade, motor trade, hotels and local government surveys were sample surveys. All other quarterly surveys were completely enumerated surveys. A stratified systematic sample design was used for the selection of the samples. The basis for the selection of the sample was turnover for wholesale trade, retail trade and motor trade, number of rooms for hotels and number of employees for local governments. Information collected through the questionnaire included -

- number of full-time and part-time employees on the last pay day of the quarter;
- gross salaries and wages for the quarter (full-time and part-time employees);
- overtime wages;
- bonuses paid for the quarter;
- total actual hours worked; and
- total number of vacancies.

## 1 Total

## 1.1 Number of employees (salary and wage earners)

Year and quarter		Actual			Percentage change from preceding quarter	Percentage change from corresponding quarter of previous year
		Full-time	Part-time	Total	Total	Total
1999	Mar	4 538 022	389 529	4 927 551	+0,2	-1,5
	Jun	4 516 912	369 120	4 886 032	-0,8	-1,9
	Sep	4 468 541	373 650	4 842 191	-0,9	-2,4
	Dec	4 450 121	361 083	4 811 204	-0,6	-2,2
2000	Mar	4 406 421	370 336	4 776 757	-0,7	-3,1
	Jun	4 370 001	369 894	4 739 895	-0,8	-3,0
	Sep	4 331 969	374 478	4 706 447	-0,7	-2,8
	Dec	4 314 055	399 479	4 713 534	+0,2	-2,0
2001	Mar	4 281 738	392 028	4 673 766	-0,8	-2,2
	Jun	4 266 412	393 336	4 659 748	-0,3	-1,7
	Sep	4 247 977	404 643	4 652 620	-0,2	-1,1
	Dec	4 240 030	408 701	4 648 731	-0,1	-1,4

Note: All figures are subject to change.

## 1.2 Gross salaries and wages

Year and quarter		Gross salaries and wages, except severance, termination and redundancy payments (R'000)			Severance, termination and redundancy payments (R'000)	Total (R'000)
		Actual (1)	Percentage change from preceding quarter	Percentage change from corresponding quarter of previous year	Actual (2)	Actual (1+2)
1999	Mar	65 769 970	-9,1	+5,6	949 516	66 719 486
	Jun	69 063 276	+5,0	+5,5	917 874	69 981 150
	Sep	69 165 756	+0,1	+6,4	1 021 471	70 187 227
	Dec	74 194 787	+7,3	+2,5	1 140 382	75 335 169
2000	Mar	69 302 621	-6,6	+5,4	891 381	70 194 002
	Jun	73 201 394	+5,6	+6,0	1 001 639	74 203 033
	Sep	73 129 605	-0,1	+5,7	792 162	73 921 767
	Dec	79 880 369	+9,2	+7,7	968 987	80 849 356
2001	Mar	74 932 524	-6,2	+8,1	625 774	75 558 298
	Jun	77 218 498	+3,1	+5,5	719 019	77 937 517
	Sep	78 234 956	+1,3	+7,0	973 282	79 208 238
	Dec	86 950 969	+11,1	+8,9	1 533 286	88 484 255

Note: All figures are subject to change.



## 2 Mining and quarrying

## 2.1 Total

## 2.1.1 Number of employees (salary and wage earners)

Year and quarter		Actual			Percentage change from preceding quarter	Percentage change from corresponding quarter of previous year
		Full-time	Part-time	Total	Total	Total
1999	Mar	443 090	0	443 090	-0,1	-7,1
	Jun	441 459	0	441 459	-0,4	-4,5
	Sep	427 506	0	427 506	-3,2	-6,4
	Dec	417 777	0	417 777	-2,3	-5,8
2000	Mar	416 131	0	416 131	-0,4	-6,1
	Jun	412 752	0	412 752	-0,8	-6,5
	Sep	416 662	0	416 662	+0,9	-2,5
	Dec	419 536	0	419 536	+0,7	+0,4
2001	Mar	412 228	0	412 228	-1,7	-0,9
	Jun	404 963	0	404 963	-1,8	-1,9
	Sep	405 977	0	405 977	+0,3	-2,6
	Dec	408 379	0	408 379	+0,6	-2,7

Note: All figures are subject to change.

Source: The Mineral Bureau, Department of Minerals and Energy.

## 2.1.2 Gross salaries and wages

Year and quarter		Gross salaries and wages, except severance, termination and redundancy payments (R'000)			Severance, termination and redundancy payments (R'000)	Total (R'000)
		Actual (1)	Percentage change from preceding quarter	Percentage change from corresponding quarter of previous year	Actual	Actual
					(2)	(1+2)
1999	Mar	4 808 640	-1,5	-3,1	25 656	4 834 296
	Jun	4 872 841	+1,3	+5,0	88 868	4 961 709
	Sep	5 102 796	+4,7	+8,8	118 551	5 221 347
	Dec	5 207 442	+2,1	+6,7	93 009	5 300 451
2000	Mar	5 197 876	-0,2	+8,1	44 531	5 242 407
	Jun	5 400 128	+3,9	+10,8	118 031	5 518 159
	Sep	5 604 237	+3,8	+9,8	23 774	5 628 011
	Dec	5 930 296	+5,8	+13,9	36 477	5 966 773
2001	Mar	5 780 200	-2,5	+11,2	20 479	5 800 679
	Jun	6 007 455	+3,9	+11,2	61 861	6 069 316
	Sep	6 098 082	+1,5	+8,8	35 390	6 133 472
	Dec	6 676 990	+9,5	+12,6	37 497	6 714 487

Note: All figures are subject to change.

Source: The Mineral Bureau, Department of Minerals and Energy.

## 2 Mining and quarrying

## 2.2 Gold

## 2.2.1 Number of employees (salary and wage earners)

Year and quarter		Actual			Percentage change from preceding quarter	Percentage change from corresponding quarter of previous year
		Full-time	Part-time	Total	Total	Total
1999	Mar	241 082	0	241 082	-1,1	-10,0
	Jun	241 013	0	241 013	-0,0	-5,8
	Sep	228 194	0	228 194	-5,3	-8,9
	Dec	220 088	0	220 088	-3,6	-9,7
2000	Mar	217 885	0	217 885	-1,0	-9,6
	Jun	217 007	0	217 007	-0,4	-10,0
	Sep	216 284	0	216 284	-0,3	-5,2
	Dec	214 542	0	214 542	-0,8	-2,5
2001	Mar	210 025	0	210 025	-2,1	-3,6
	Jun	200 643	0	200 643	-4,5	-7,5
	Sep	200 959	0	200 959	+0,2	-7,1
	Dec	202 755	0	202 755	+0,9	-5,5

Note: All figures are subject to change.

Source: The Mineral Bureau, Department of Minerals and Energy.

## 2.2.2 Gross salaries and wages

Year and quarter		Gross salaries and wages, except severance, termination and redundancy payments (R'000)			Severance, termination and redundancy payments (R'000)	Total (R'000)
		Actual (1)	Percentage change from preceding quarter	Percentage change from corresponding quarter of previous year	Actual (2)	Actual (1+2)
1999	Mar	2 149 131	-4,4	-15,0	1 044	2 150 175
	Jun	2 239 752	+4,2	-0,0	62 971	2 302 723
	Sep	2 354 833	+5,1	+7,6	104 862	2 459 695
	Dec	2 356 447	+0,1	+4,9	59 915	2 416 362
2000	Mar	2 296 054	-2,6	+6,8	30 410	2 326 464
	Jun	2 354 172	+2,5	+5,1	11 834	2 366 006
	Sep	2 527 530	+7,4	+7,3	9 468	2 536 998
	Dec	2 662 895	+5,4	+13,0	8 466	2 671 361
2001	Mar	2 542 401	-4,5	+10,7	4 862	2 547 263
	Jun	2 702 195	+6,3	+14,8	24 161	2 726 356
	Sep	2 673 563	-1,1	+5,8	24 665	2 698 228
	Dec	3 079 441	+15,2	+15,6	19 087	3 098 528

Note: All figures are subject to change.

Source: The Mineral Bureau, Department of Minerals and Energy.

## 2 Mining and quarrying

## 2.3 Non-gold

## 2.3.1 Number of employees (salary and wage earners)

Year and quarter		Actual			Percentage change from preceding quarter	Percentage change from corresponding quarter of previous year
		Full-time	Part-time	Total	Total	Total
1999	Mar	202 008	0	202 008	+1,2	-3,4
	Jun	200 446	0	200 446	-0,8	-2,8
	Sep	199 312	0	199 312	-0,6	-3,3
	Dec	197 689	0	197 689	-0,8	-1,0
2000	Mar	198 246	0	198 246	+0,3	-1,9
	Jun	195 745	0	195 745	-1,3	-2,3
	Sep	200 378	0	200 378	+2,4	+0,5
	Dec	204 994	0	204 994	+2,3	+3,7
2001	Mar	202 203	0	202 203	-1,4	+2,0
	Jun	204 320	0	204 320	+1,0	+4,4
	Sep	205 018	0	205 018	+0,3	+2,3
	Dec	205 624	0	205 624	+0,3	+0,3

Note: All figures are subject to change.

Source: The Mineral Bureau, Department of Minerals and Energy.

## 2.3.2 Gross salaries and wages

Year and quarter		Gross salaries and wages, except severance, termination and redundancy payments (R'000)			Severance, termination and redundancy payments (R'000)	Total (R'000)
		Actual (1)	Percentage change from preceding quarter	Percentage change from corresponding quarter of previous year	Actual	Actual
					(2)	(1+2)
1999	Mar	2 659 509	+0,9	+9,3	24 612	2 684 121
	Jun	2 633 089	-1,0	+9,6	25 897	2 658 986
	Sep	2 747 963	+4,4	+9,7	13 689	2 761 652
	Dec	2 850 995	+3,7	+8,2	33 094	2 884 089
2000	Mar	2 901 822	+1,8	+9,1	14 121	2 915 943
	Jun	3 045 956	+5,0	+15,7	106 197	3 152 153
	Sep	3 076 707	+1,0	+12,0	14 306	3 091 013
	Dec	3 267 401	+6,2	+14,6	28 011	3 295 412
2001	Mar	3 237 799	-0,9	+11,6	15 617	3 253 416
	Jun	3 305 260	+2,1	+8,5	37 700	3 342 960
	Sep	3 424 519	+3,6	+11,3	10 725	3 435 244
	Dec	3 597 549	+5,1	+10,1	18 410	3 615 959

Note: All figures are subject to change.

Source: The Mineral Bureau, Department of Minerals and Energy.

### 3 Manufacturing

#### 3.1 Number of employees (salary and wage earners)

Year and quarter		Actual			Percentage change from preceding quarter	Percentage change from corresponding quarter of previous year
		Full-time	Part-time	Total	Total	Total
1999	Mar	1 275 325	48 691	1 324 016	-0,3	-3,4
	Jun	1 263 956	50 532	1 314 488	-0,7	-2,7
	Sep	1 259 320	49 056	1 308 376	-0,5	-3,3
	Dec	1 260 857	55 153	1 316 010	+0,6	-0,9
2000	Mar	1 245 464	58 253	1 303 717	-0,9	-1,5
	Jun	1 244 539	62 256	1 306 795	+0,2	-0,6
	Sep	1 224 525	70 065	1 294 590	-0,9	-1,1
	Dec	1 207 633	71 927	1 279 560	-1,2	-2,8
2001	Mar	1 203 533	62 526	1 266 059	-1,1	-2,9
	Jun	1 193 948	65 724	1 259 672	-0,5	-3,6
	Sep	1 190 014	74 597	1 264 611	+0,4	-2,3
	Dec	1 176 102	74 812	1 250 914	-1,1	-2,2

Note: All figures are subject to change.

#### 3.2 Gross salaries and wages

Year and quarter		Gross salaries and wages, except severance, termination and redundancy payments (R'000)			Severance, termination and redundancy payments (R'000)	Total (R'000)
		Actual (1)	Percentage change from preceding quarter	Percentage change from corresponding quarter of previous year	Actual (2)	Actual (1+2)
1999	Mar	16 027 702	-11,4	+5,9	341 631	16 369 333
	Jun	16 453 665	+2,7	+6,2	318 300	16 771 965
	Sep	16 853 749	+2,4	+5,1	393 116	17 246 865
	Dec	18 838 201	+11,8	+4,2	396 888	19 235 089
2000	Mar	16 949 475	-10,0	+5,8	420 936	17 370 411
	Jun	17 531 962	+3,4	+6,6	336 924	17 868 886
	Sep	17 997 004	+2,7	+6,8	236 591	18 233 595
	Dec	19 896 449	+10,6	+5,6	301 456	20 197 905
2001	Mar	17 875 183	-10,2	+5,5	136 950	18 012 133
	Jun	18 511 289	+3,6	+5,6	272 277	18 783 566
	Sep	19 340 373	+4,5	+7,5	363 620	19 703 993
	Dec	21 359 758	+10,4	+7,4	869 235	22 228 993

Note: All figures are subject to change.

## 4 Electricity, gas and water supply

## 4.1 Number of employees (salary and wage earners)

Year and quarter		Actual			Percentage change from preceding quarter	Percentage change from corresponding quarter of previous year
		Full-time	Part-time	Total	Total	Total
1999	Mar	43 403	312	43 715	-0,3	+12,0
	Jun	43 108	59	43 167	-1,3	+12,1
	Sep	42 392	60	42 452	-1,7	-4,5
	Dec	40 224	44	40 268	-5,1	-8,2
2000	Mar	39 936	186	40 122	-0,4	-8,2
	Jun	39 694	49	39 743	-0,9	-7,9
	Sep	39 604	63	39 667	-0,2	-6,6
	Dec	39 068	63	39 131	-1,4	-2,8
2001	Mar	39 389	78	39 467	+0,9	-1,6
	Jun	39 171	64	39 235	-0,6	-1,3
	Sep	38 980	250	39 230	-0,0	-1,1
	Dec	38 799	80	38 879	-0,9	-0,6

Note: All figures are subject to change.

Note: As from September 1998, Water Boards are included at Electricity.

## 4.2 Gross salaries and wages

Year and quarter		Gross salaries and wages, except severance, termination and redundancy payments (R'000)			Severance, termination and redundancy payments (R'000)	Total (R'000)
		Actual (1)	Percentage change from preceding quarter	Percentage change from corresponding quarter of previous year	Actual (2)	Actual (1+2)
1999	Mar	1 171 262	-14,1	+29,6	16 903	1 188 165
	Jun	1 323 268	+13,0	+16,8	25 248	1 348 516
	Sep	1 301 492	-1,6	+12,5	66 336	1 367 828
	Dec	1 434 440	+10,2	+5,2	153 918	1 588 358
2000	Mar	1 189 915	-17,0	+1,6	14 462	1 204 377
	Jun	1 289 313	+8,4	-2,6	10 169	1 299 482
	Sep	1 239 358	-3,9	-4,8	18 541	1 257 899
	Dec	1 475 216	+19,0	+2,8	98 364	1 573 580
2001	Mar	1 315 534	-10,8	+10,6	24 546	1 340 080
	Jun	1 679 401	+27,7	+30,3	22 768	1 702 169
	Sep	1 362 717	-18,9	+10,0	21 307	1 384 024
	Dec	1 598 019	+17,3	+8,3	39 565	1 637 584

Note: All figures are subject to change.

Note: As from September 1998, Water Boards are included at Electricity.

## 5 Construction

## 5.1 Number of employees (salary and wage earners)

Year and quarter		Actual			Percentage change from preceding quarter	Percentage change from corresponding quarter of previous year
		Full-time	Part-time	Total	Total	Total
1999	Mar	227 887	20 626	248 513	-1,2	-17,7
	Jun	216 125	16 049	232 174	-6,6	-18,3
	Sep	210 666	17 469	228 135	-1,7	-18,6
	Dec	208 538	16 294	224 832	-1,4	-10,6
2000	Mar	203 490	20 877	224 367	-0,2	-9,7
	Jun	201 652	21 347	222 999	-0,6	-4,0
	Sep	195 028	24 856	219 884	-1,4	-3,6
	Dec	196 057	26 371	222 428	+1,2	-1,1
2001	Mar	197 161	20 712	217 873	-2,0	-2,9
	Jun	199 406	25 500	224 906	+3,2	+0,9
	Sep	195 447	23 539	218 986	-2,6	-0,4
	Dec	191 813	21 628	213 441	-2,5	-4,0

Note: All figures are subject to change.

## 5.2 Gross salaries and wages

Year and quarter		Gross salaries and wages, except severance, termination and redundancy payments (R'000)			Severance, termination and redundancy payments (R'000)	Total (R'000)
		Actual (1)	Percentage change from preceding quarter	Percentage change from corresponding quarter of previous year	Actual (2)	Actual (1+2)
1999	Mar	1 881 726	-14,5	-5,9	29 338	1 911 064
	Jun	1 865 738	-0,8	-9,5	22 650	1 888 388
	Sep	1 935 423	+3,7	-9,1	18 590	1 954 013
	Dec	2 100 928	+8,6	-4,5	26 475	2 127 403
2000	Mar	1 901 055	-9,5	+1,0	10 332	1 911 387
	Jun	1 902 822	+0,1	+2,0	12 182	1 915 004
	Sep	1 922 558	+1,0	-0,7	18 999	1 941 557
	Dec	2 112 206	+9,9	+0,5	27 031	2 139 237
2001	Mar	1 907 796	-9,7	+0,4	19 366	1 927 162
	Jun	2 029 800	+6,4	+6,7	21 993	2 051 793
	Sep	2 097 856	+3,4	+9,1	15 325	2 113 181
	Dec	2 291 399	+9,2	+8,5	17 384	2 308 783

Note: All figures are subject to change.

## 6 Wholesale, retail and motor trade and hotels

## 6.1 Number of employees (salary and wage earners)

Year and quarter		Actual			Percentage change from preceding quarter	Percentage change from corresponding quarter of previous year
		Full-time	Part-time	Total	Total	Total
1999	Mar	693 853	164 086	857 939	+2,9	+9,0
	Jun	710 619	161 697	872 316	+1,7	+9,0
	Sep	720 206	173 319	893 525	+2,4	+12,0
	Dec	716 388	181 183	897 571	+0,5	+7,7
2000	Mar	705 476	169 224	874 700	-2,5	+2,0
	Jun	698 863	167 114	865 977	-1,0	-0,7
	Sep	696 076	161 812	857 888	-0,9	-4,0
	Dec	703 404	190 501	893 905	+4,2	-0,4
2001	Mar	691 214	186 853	878 067	-1,8	+0,4
	Jun	694 633	190 244	884 877	+0,8	+2,2
	Sep	686 504	193 443	879 947	-0,6	+2,6
	Dec	689 855	202 790	892 645	+1,4	-0,1

Note: All figures are subject to change.

## 6.2 Gross salaries and wages

Year and quarter		Gross salaries and wages, except severance, termination and redundancy payments (R'000)			Severance, termination and redundancy payments (R'000)	Total (R'000)
		Actual (1)	Percentage change from preceding quarter	Percentage change from corresponding quarter of previous year	Actual (2)	Actual (1+2)
1999	Mar	8 235 439	-7,3	+17,1	78 624	8 314 063
	Jun	8 733 888	+6,1	+24,4	89 578	8 823 466
	Sep	8 855 162	+1,4	+17,8	134 911	8 990 073
	Dec	9 981 336	+12,7	+12,4	73 748	10 055 084
2000	Mar	8 951 571	-10,3	+8,7	60 399	9 011 970
	Jun	9 152 052	+2,2	+4,8	97 694	9 249 746
	Sep	9 503 812	+3,8	+7,3	93 410	9 597 222
	Dec	10 630 190	+11,9	+6,5	99 742	10 729 932
2001	Mar	9 477 142	-10,8	+5,9	78 017	9 555 159
	Jun	9 973 430	+5,2	+9,0	84 088	10 057 518
	Sep	10 351 538	+3,8	+8,9	143 662	10 495 200
	Dec	11 293 753	+9,1	+6,2	230 469	11 524 222

Note: All figures are subject to change.

## 7 Transport, storage and communication

## 7.1 Total

## 7.1.1 Number of employees (salary and wage earners)

Year and quarter		Actual			Percentage change from preceding quarter	Percentage change from corresponding quarter of previous year
		Full-time	Part-time	Total	Total	Total
1999	Mar	235 752	9 065	244 817	-1,5	+0,4
	Jun	232 591	10 589	243 180	-0,7	-0,9
	Sep	214 766	12 925	227 691	-6,4	-7,7
	Dec	220 897	13 312	234 209	+2,9	-5,7
2000	Mar	220 196	14 126	234 322	-0,0	-4,3
	Jun	205 074	16 448	221 522	-5,5	-8,9
	Sep	204 182	17 801	221 983	+0,2	-2,5
	Dec	199 541	17 738	217 279	-2,1	-7,2
2001	Mar	194 653	15 262	209 915	-3,4	-10,4
	Jun	191 782	15 941	207 723	-1,0	-6,2
	Sep	191 864	17 798	209 662	+0,9	-5,6
	Dec	191 812	17 528	209 340	-0,2	-3,7

Note: All figures are subject to change.

## 7.1.2 Gross salaries and wages

Year and quarter		Gross salaries and wages, except severance, termination and redundancy payments (R'000)			Severance, termination and redundancy payments (R'000)	Total (R'000)
		Actual (1)	Percentage change from preceding quarter	Percentage change from corresponding quarter of previous year	Actual (2)	Actual (1+2)
1999	Mar	3 972 345	-5,9	-2,9	20 575	3 992 920
	Jun	3 561 331	-10,3	-18,6	49 262	3 610 593
	Sep	3 256 949	-8,5	-21,5	28 711	3 285 660
	Dec	3 984 127	+22,3	-5,7	13 837	3 997 964
2000	Mar	4 092 108	+2,7	+3,0	47 116	4 139 224
	Jun	3 949 584	-3,5	+10,9	12 579	3 962 163
	Sep	4 140 003	+4,8	+27,1	76 367	4 216 370
	Dec	4 131 492	-0,2	+3,7	39 942	4 171 434
2001	Mar	3 775 592	-8,6	-7,7	81 405	3 856 997
	Jun	3 946 298	+4,5	-0,1	22 275	3 968 573
	Sep	3 520 671	-10,8	-15,0	11 452	3 532 123
	Dec	3 743 984	+6,3	-9,4	18 176	3 762 160

Note: All figures are subject to change.



## 7 Transport, storage and communication

## 7.2 Governmental institutions

## 7.2.1 Number of employees (salary and wage earners)

Year and quarter		Actual			Percentage change from preceding quarter	Percentage change from corresponding quarter of previous year
		Full-time	Part-time	Total	Total	Total
1999	Mar	179 807	5 823	185 630	-1,4	-1,8
	Jun	178 027	5 177	183 204	-1,3	-2,6
	Sep	159 884	7 129	167 013	-8,8	-11,4
	Dec	166 306	7 289	173 595	+3,9	-7,8
2000	Mar	164 945	7 945	172 890	-0,4	-6,9
	Jun	149 854	9 830	159 684	-7,6	-12,8
	Sep	150 362	9 962	160 324	+0,4	-4,0
	Dec	146 262	9 870	156 132	-2,6	-10,1
2001	Mar	141 218	7 865	149 083	-4,5	-13,8
	Jun	138 932	8 131	147 063	-1,4	-7,9
	Sep	138 517	8 761	147 278	+0,1	-8,1
	Dec	137 374	8 691	146 065	-0,8	-6,4

Note: All figures are subject to change.

## 7.2.2 Gross salaries and wages

Year and quarter		Gross salaries and wages, except severance, termination and redundancy payments (R'000)			Severance, termination and redundancy payments (R'000)	Total (R'000)
		Actual (1)	Percentage change from preceding quarter	Percentage change from corresponding quarter of previous year	Actual (2)	Actual (1+2)
1999	Mar	3 388 550	-4,4	-4,6	14 028	3 402 578
	Jun	2 974 919	-12,2	-20,8	38 877	3 013 796
	Sep	2 592 383	-12,9	-26,9	25 106	2 617 489
	Dec	3 308 914	+27,6	-6,6	2 239	3 311 153
2000	Mar	3 384 455	+2,3	-0,1	43 444	3 427 899
	Jun	3 242 132	-4,2	+9,0	8 765	3 250 897
	Sep	3 447 586	+6,3	+33,0	70 022	3 517 608
	Dec	3 411 890	-1,0	+3,1	32 428	3 444 318
2001	Mar	3 133 893	-8,1	-7,4	73 086	3 206 979
	Jun	3 258 000	+4,0	+0,5	13 258	3 271 258
	Sep	2 776 344	-14,8	-19,5	5 367	2 781 711
	Dec	2 909 174	+4,8	-14,7	12 804	2 921 978

Note: All figures are subject to change.

## 7 Transport, storage and communication

## 7.3 Non-governmental institutions

## 7.3.1 Number of employees (salary and wage earners)

Year and quarter		Actual			Percentage change from preceding quarter	Percentage change from corresponding quarter of previous year
		Full-time	Part-time	Total	Total	Total
1999	Mar	55 945	3 242	59 187	-1,6	+7,6
	Jun	54 564	5 412	59 976	+1,3	+4,6
	Sep	54 882	5 796	60 678	+1,2	+4,1
	Dec	54 591	6 023	60 614	-0,1	+0,7
2000	Mar	55 251	6 181	61 432	+1,3	+3,8
	Jun	55 220	6 618	61 838	+0,7	+3,1
	Sep	53 820	7 839	61 659	-0,3	+1,6
	Dec	53 279	7 868	61 147	-0,8	+0,9
2001	Mar	53 435	7 397	60 832	-0,5	-1,0
	Jun	52 850	7 810	60 660	-0,3	-1,9
	Sep	53 347	9 037	62 384	+2,8	+1,2
	Dec	54 438	8 837	63 275	+1,4	+3,5

Note: All figures are subject to change.

## 7.3.2 Gross salaries and wages

Year and quarter		Gross salaries and wages, except severance, termination and redundancy payments (R'000)			Severance, termination and redundancy payments (R'000)	Total (R'000)
		Actual (1)	Percentage change from preceding quarter	Percentage change from corresponding quarter of previous year	Actual (2)	Actual (1+2)
1999	Mar	583 795	-14,1	+7,7	6 547	590 342
	Jun	586 412	+0,4	-5,0	10 385	596 797
	Sep	664 566	+13,3	+10,2	3 605	668 171
	Dec	675 213	+1,6	-0,7	11 598	686 811
2000	Mar	707 653	+4,8	+21,2	3 672	711 325
	Jun	707 452	-0,0	+20,6	3 814	711 266
	Sep	692 417	-2,1	+4,2	6 345	698 762
	Dec	719 602	+3,9	+6,6	7 514	727 116
2001	Mar	641 699	-10,8	-9,3	8 319	650 018
	Jun	688 298	+7,3	-2,7	9 017	697 315
	Sep	744 327	+8,1	+7,5	6 085	750 412
	Dec	834 810	+12,2	+16,0	5 372	840 182

Note: All figures are subject to change.

## 8 Financial institutions

## 8.1 Number of employees (salary and wage earners)

Year and quarter		Actual			Percentage change from preceding quarter	Percentage change from corresponding quarter of previous year
		Full-time	Part-time	Total	Total	Total
1999	Mar	195 372	14 683	210 055	-2,3	-3,4
	Jun	195 098	9 567	204 665	-2,6	-6,2
	Sep	196 758	6 742	203 500	-0,6	-6,0
	Dec	191 215	7 179	198 394	-2,5	-7,7
2000	Mar	189 860	8 285	198 145	-0,1	-5,7
	Jun	187 874	8 825	196 699	-0,7	-3,9
	Sep	185 011	9 922	194 933	-0,9	-4,2
	Dec	184 709	11 732	196 441	+0,8	-1,0
2001	Mar	187 049	10 324	197 373	+0,5	-0,4
	Jun	184 161	8 488	192 649	-2,4	-2,1
	Sep	184 116	7 595	191 711	-0,5	-1,7
	Dec	185 450	6 893	192 343	+0,3	-2,1

Note: All figures are subject to change.

## 8.2 Gross salaries and wages

Year and quarter		Gross salaries and wages, except severance, termination and redundancy payments (R'000)			Severance, termination and redundancy payments (R'000)	Total (R'000)
		Actual (1)	Percentage change from preceding quarter	Percentage change from corresponding quarter of previous year	Actual (2)	Actual (1+2)
1999	Mar	4 616 924	-10,3	+6,3	64 562	4 681 486
	Jun	5 097 895	+10,4	+12,5	43 636	5 141 531
	Sep	5 197 455	+2,0	+14,3	54 884	5 252 339
	Dec	5 708 989	+9,8	+10,9	163 904	5 872 893
2000	Mar	5 664 599	-0,8	+22,7	65 108	5 729 707
	Jun	5 756 311	+1,6	+12,9	54 776	5 811 087
	Sep	5 602 099	-2,7	+7,8	83 505	5 685 604
	Dec	5 799 287	+3,5	+1,6	77 038	5 876 325
2001	Mar	5 683 304	-2,0	+0,3	68 983	5 752 287
	Jun	6 263 960	+10,2	+8,8	71 630	6 335 590
	Sep	6 001 348	-4,2	+7,1	128 772	6 130 120
	Dec	6 345 191	+5,7	+9,4	77 921	6 423 112

Note: All figures are subject to change.

9 Community, social and personal services

9.1 Total government sector and laundries and dry-cleaning services

9.1.1 Number of employees (salary and wage earners)

Year and quarter		Actual			Percentage change from preceding quarter	Percentage change from corresponding quarter of previous year
		Full-time	Part-time	Total	Total	Total
1999	Mar	1 423 340	132 066	1 555 406	-0,0	-0,8
	Jun	1 413 956	120 627	1 534 583	-1,3	-2,7
	Sep	1 396 927	114 079	1 511 006	-1,5	-3,6
	Dec	1 394 225	87 918	1 482 143	-1,9	-4,7
2000	Mar	1 385 868	99 385	1 485 253	+0,2	-4,5
	Jun	1 379 553	93 855	1 473 408	-0,8	-4,0
	Sep	1 370 881	89 959	1 460 840	-0,9	-3,3
	Dec	1 364 107	81 147	1 445 254	-1,1	-2,5
2001	Mar	1 356 511	96 273	1 452 784	+0,5	-2,2
	Jun	1 358 348	87 375	1 445 723	-0,5	-1,9
	Sep	1 355 075	87 421	1 442 496	-0,2	-1,3
	Dec	1 357 820	84 970	1 442 790	-0,0	-0,2

Note: All figures are subject to change.

9.1.2 Gross salaries and wages

Year and quarter		Gross salaries and wages, except severance, termination and redundancy payments (R'000)			Severance, termination and redundancy payments (R'000)	Total (R'000)
		Actual (1)	Percentage change from preceding quarter	Percentage change from corresponding quarter of previous year	Actual (2)	Actual (1+2)
1999	Mar	25 055 932	-9,1	+5,2	372 227	25 428 159
	Jun	27 154 650	+8,4	+3,6	280 332	27 434 982
	Sep	26 662 730	-1,8	+7,7	206 372	26 869 102
	Dec	26 939 324	+1,0	-2,3	218 603	27 157 927
2000	Mar	25 356 022	-5,9	+1,2	228 497	25 584 519
	Jun	28 219 222	+11,3	+3,9	359 284	28 578 506
	Sep	27 120 534	-3,9	+1,7	240 975	27 361 509
	Dec	29 905 233	+10,3	+11,0	288 937	30 194 170
2001	Mar	29 117 773	-2,6	+14,8	196 028	29 313 801
	Jun	28 806 865	-1,1	+2,1	162 127	28 968 992
	Sep	29 462 371	+2,3	+8,6	253 754	29 716 125
	Dec	33 641 875	+14,2	+12,5	243 039	33 884 914

Note: All figures are subject to change.

## 9 Community, social and personal services

## 9.2 Total government sector (excluding laundries and dry-cleaning services)

## 9.2.1 Number of employees (salary and wage earners)

Year and quarter		Actual			Percentage change from preceding quarter	Percentage change from corresponding quarter of previous year
		Full-time	Part-time	Total	Total	Total
1999	Mar	1 413 853	131 075	1 544 928	-0,0	-0,8
	Jun	1 404 388	119 544	1 523 932	-1,4	-2,7
	Sep	1 387 390	112 930	1 500 320	-1,5	-3,6
	Dec	1 383 851	86 808	1 470 659	-2,0	-4,8
2000	Mar	1 375 905	98 370	1 474 275	+0,2	-4,6
	Jun	1 369 759	92 846	1 462 605	-0,8	-4,0
	Sep	1 360 304	89 936	1 450 240	-0,8	-3,3
	Dec	1 353 951	81 128	1 435 079	-1,0	-2,4
2001	Mar	1 347 153	96 170	1 443 323	+0,6	-2,1
	Jun	1 348 997	87 275	1 436 272	-0,5	-1,8
	Sep	1 345 863	87 319	1 433 182	-0,2	-1,2
	Dec	1 348 169	84 856	1 433 025	-0,0	-0,1

Note: All figures are subject to change.

## 9.2.2 Gross salaries and wages

Year and quarter		Gross salaries and wages, except severance, termination and redundancy payments (R'000)			Severance, termination and redundancy payments (R'000)	Total (R'000)
		Actual (1)	Percentage change from preceding quarter	Percentage change from corresponding quarter of previous year	Actual (2)	Actual (1+2)
1999	Mar	24 988 796	-9,2	+5,2	372 105	25 360 901
	Jun	27 088 526	+8,4	+3,6	280 332	27 368 858
	Sep	26 596 327	-1,8	+7,7	206 372	26 802 699
	Dec	26 878 052	+1,1	-2,3	218 562	27 096 614
2000	Mar	25 297 614	-5,9	+1,2	228 406	25 526 020
	Jun	28 161 026	+11,3	+4,0	359 125	28 520 151
	Sep	27 061 517	-3,9	+1,7	240 587	27 302 104
	Dec	29 841 431	+10,3	+11,0	288 203	30 129 634
2001	Mar	29 063 701	-2,6	+14,9	195 943	29 259 644
	Jun	28 753 548	-1,1	+2,1	162 073	28 915 621
	Sep	29 407 056	+2,3	+8,7	253 558	29 660 614
	Dec	33 578 077	+14,2	+12,5	242 944	33 821 021

Note: All figures are subject to change.

9 Community, social and personal services  
 9.3 Government sector  
 9.3.1 National departments  
 9.3.1.1 Number of employees (salary and wage earners)

Year and quarter		Actual			Percentage change from preceding quarter	Percentage change from corresponding quarter of previous year
		Full-time	Part-time	Total	Total	Total
1999	Mar	330 750	15 947	346 697	+0,2	+2,4
	Jun	327 502	12 300	339 802	-2,0	-1,7
	Sep	324 296	11 400	335 696	-1,2	-2,5
	Dec	321 472	9 758	331 230	-1,3	-4,3
2000	Mar	319 455	11 113	330 568	-0,2	-4,7
	Jun	317 717	9 141	326 858	-1,1	-3,8
	Sep	315 714	9 202	324 916	-0,6	-3,2
	Dec	314 967	8 167	323 134	-0,5	-2,4
2001	Mar	313 512	11 275	324 787	+0,5	-1,7
	Jun	313 220	11 647	324 867	-0,0	-0,6
	Sep	311 837	10 346	322 183	-0,8	-0,8
	Dec	310 684	10 087	320 771	-0,4	-0,7

Note: All figures are subject to change.

9.3.1.2 Gross salaries and wages

Year and quarter		Gross salaries and wages, except severance, termination and redundancy payments (R'000)			Severance, termination and redundancy payments (R'000)	Total (R'000)
		Actual (1)	Percentage change from preceding quarter	Percentage change from corresponding quarter of previous year	Actual (2)	Actual (1+2)
1999	Mar	6 247 842	-8,5	+5,8	178 033	6 425 875
	Jun	6 339 702	+1,5	-5,5	85 507	6 425 209
	Sep	6 319 667	-0,3	+2,6	58 510	6 378 177
	Dec	6 248 505	-1,1	-8,5	63 141	6 311 646
2000	Mar	5 941 120	-4,9	-4,9	51 578	5 992 698
	Jun	6 731 261	+13,3	+6,2	40 589	6 771 850
	Sep	6 198 962	-7,9	-1,9	36 778	6 235 740
	Dec	6 845 842	+10,4	+9,6	69 388	6 915 230
2001	Mar	7 209 680	+5,3	+21,4	55 237	7 264 917
	Jun	6 910 583	-4,1	+2,7	23 603	6 934 186
	Sep	6 935 919	+0,4	+11,9	36 187	6 972 106
	Dec	8 413 588	+21,3	+22,9	89 005	8 502 593

Note: All figures are subject to change.

9 Community, social and personal services  
 9.3 Government sector  
 9.3.2 Provincial administrations  
 9.3.2.1 Number of employees (salary and wage earners)

Year and quarter		Actual			Percentage change from preceding quarter	Percentage change from corresponding quarter of previous year
		Full-time	Part-time	Total	Total	Total
1999	Mar	790 151	88 090	878 241	-0,2	+2,4
	Jun	786 036	78 754	864 790	-1,5	-1,5
	Sep	775 863	72 845	848 708	-1,9	-3,3
	Dec	775 098	52 550	827 648	-2,5	-5,9
2000	Mar	768 394	59 474	827 868	-0,0	-5,7
	Jun	765 963	56 232	822 195	-0,7	-4,9
	Sep	760 292	50 776	811 068	-1,4	-4,4
	Dec	757 118	47 368	804 486	-0,8	-2,8
2001	Mar	753 226	57 248	810 474	+0,7	-2,1
	Jun	754 315	45 783	800 098	-1,3	-2,7
	Sep	753 946	46 432	800 378	-0,0	-1,3
	Dec	750 963	48 433	799 396	-0,1	-0,6

Note: All figures are subject to change.

9.3.2.2 Gross salaries and wages

Year and quarter		Gross salaries and wages, except severance, termination and redundancy payments (R'000)			Severance, termination and redundancy payments (R'000)	Total (R'000)
		Actual (1)	Percentage change from preceding quarter	Percentage change from corresponding quarter of previous year	Actual (2)	Actual (1+2)
1999	Mar	13 593 049	-11,2	+6,4	106 857	13 699 906
	Jun	15 543 138	+14,3	+6,4	107 247	15 650 385
	Sep	14 955 009	-3,8	+8,8	90 945	15 045 954
	Dec	14 995 928	+0,3	-2,0	114 256	15 110 184
2000	Mar	14 024 519	-6,5	+3,2	110 245	14 134 764
	Jun	16 029 991	+14,3	+3,1	208 153	16 238 144
	Sep	15 061 155	-6,0	+0,7	152 700	15 213 855
	Dec	16 793 886	+11,5	+12,0	139 991	16 933 877
2001	Mar	15 724 477	-6,4	+12,1	88 561	15 813 038
	Jun	15 842 985	+0,8	-1,2	92 674	15 935 659
	Sep	16 168 927	+2,1	+7,4	166 778	16 335 705
	Dec	18 438 252	+14,0	+9,8	113 043	18 551 295

Note: All figures are subject to change.

9 Community, social and personal services  
 9.3 Government sector  
 9.3.3 Local governments  
 9.3.3.1 Number of employees (salary and wage earners)

Year and quarter		Actual			Percentage change from preceding quarter	Percentage change from corresponding quarter of previous year
		Full-time	Part-time	Total	Total	Total
1999	Mar	217 929	7 687	225 616	-0,5	-13,3
	Jun	216 466	7 050	223 516	-0,9	-8,3
	Sep	213 843	5 885	219 728	-1,7	-6,9
	Dec	213 359	6 186	219 545	-0,1	-3,2
2000	Mar	215 433	7 286	222 719	+1,4	-1,3
	Jun	214 766	6 386	221 152	-0,7	-1,1
	Sep	214 720	6 007	220 727	-0,2	+0,5
	Dec	213 208	7 794	221 002	+0,1	+0,7
2001	Mar	212 526	8 123	220 649	-0,2	-0,9
	Jun	213 290	7 609	220 899	+0,1	-0,1
	Sep	212 276	6 726	219 002	-0,9	-0,8
	Dec	221 334	7 167	228 501	+4,3	+3,4

Note: All figures are subject to change.

Note: As from September 1998, Water Boards are included at Electricity.

9.3.3.2 Gross salaries and wages

Year and quarter		Gross salaries and wages, except severance, termination and redundancy payments (R'000)			Severance, termination and redundancy payments (R'000)	Total (R'000)
		Actual (1)	Percentage change from preceding quarter	Percentage change from corresponding quarter of previous year	Actual (2)	Actual (1+2)
1999	Mar	3 291 784	-7,3	-2,8	23 082	3 314 866
	Jun	3 309 800	+0,5	+5,6	59 176	3 368 976
	Sep	3 409 145	+3,0	+12,5	15 080	3 424 225
	Dec	3 683 732	+8,1	+3,7	17 424	3 701 156
2000	Mar	3 396 641	-7,8	+3,2	15 719	3 412 360
	Jun	3 370 531	-0,8	+1,8	20 788	3 391 319
	Sep	3 730 991	+10,7	+9,4	12 845	3 743 836
	Dec	4 040 936	+8,3	+9,7	14 329	4 055 265
2001	Mar	4 067 179	+0,6	+19,7	18 762	4 085 941
	Jun	3 773 099	-7,2	+11,9	10 908	3 784 007
	Sep	4 001 236	+6,0	+7,2	25 686	4 026 922
	Dec	4 429 709	+10,7	+9,6	23 387	4 453 096

Note: All figures are subject to change.

Note: As from September 1998, Water Boards are included at Electricity.



9 Community, social and personal services  
 9.3 Government sector  
 9.3.4 Other government institutions  
 9.3.4.1 Number of employees (salary and wage earners)

Year and quarter		Actual			Percentage change from preceding quarter	Percentage change from corresponding quarter of previous year
		Full-time	Part-time	Total	Total	Total
1999	Mar	75 023	19 351	94 374	+3,0	-5,9
	Jun	74 384	21 440	95 824	+1,5	-3,9
	Sep	73 388	22 800	96 188	+0,4	-2,7
	Dec	73 922	18 314	92 236	-4,1	+0,6
2000	Mar	72 623	20 497	93 120	+1,0	-1,3
	Jun	71 313	21 087	92 400	-0,8	-3,6
	Sep	69 578	23 951	93 529	+1,2	-2,8
	Dec	68 658	17 799	86 457	-7,6	-6,3
2001	Mar	67 889	19 524	87 413	+1,1	-6,1
	Jun	68 172	22 236	90 408	+3,4	-2,2
	Sep	67 804	23 815	91 619	+1,3	-2,0
	Dec	65 188	19 169	84 357	-7,9	-2,4

Note: All figures are subject to change.

9.3.4.2 Gross salaries and wages

Year and quarter		Gross salaries and wages, except severance, termination and redundancy payments (R'000)			Severance, termination and redundancy payments (R'000)	Total (R'000)
		Actual (1)	Percentage change from preceding quarter	Percentage change from corresponding quarter of previous year	Actual (2)	Actual (1+2)
1999	Mar	1 856 121	+1,6	+9,9	64 133	1 920 254
	Jun	1 895 886	+2,1	+12,2	28 402	1 924 288
	Sep	1 912 506	+0,9	+8,3	41 837	1 954 343
	Dec	1 949 887	+2,0	+6,7	23 741	1 973 628
2000	Mar	1 935 334	-0,7	+4,3	50 864	1 986 198
	Jun	2 029 243	+4,9	+7,0	89 595	2 118 838
	Sep	2 070 409	+2,0	+8,3	38 264	2 108 673
	Dec	2 160 767	+4,4	+10,8	64 495	2 225 262
2001	Mar	2 062 365	-4,6	+6,6	33 383	2 095 748
	Jun	2 226 881	+8,0	+9,7	34 888	2 261 769
	Sep	2 300 974	+3,3	+11,1	24 907	2 325 881
	Dec	2 296 528	-0,2	+6,3	17 509	2 314 037

Note: All figures are subject to change.

## 9 Community, social and personal services

## 9.4 Laundries and dry-cleaning services

## 9.4.1 Number of employees (salary and wage earners)

Year and quarter		Actual			Percentage change from preceding quarter	Percentage change from corresponding quarter of previous year
		Full-time	Part-time	Total	Total	Total
1999	Mar	9 487	991	10 478	-3,9	-4,7
	Jun	9 568	1 083	10 651	+1,7	-0,6
	Sep	9 537	1 149	10 686	+0,3	+1,2
	Dec	10 374	1 110	11 484	+7,5	+5,4
2000	Mar	9 963	1 015	10 978	-4,4	+4,8
	Jun	9 794	1 009	10 803	-1,6	+1,4
	Sep	10 577	23	10 600	-1,9	-0,8
	Dec	10 156	19	10 175	-4,0	-11,4
2001	Mar	9 358	103	9 461	-7,0	-13,8
	Jun	9 351	100	9 451	-0,1	-12,5
	Sep	9 212	102	9 314	-1,4	-12,1
	Dec	9 651	114	9 765	+4,8	-4,0

Note: All figures are subject to change.

## 9.4.2 Gross salaries and wages

Year and quarter		Gross salaries and wages, except severance, termination and redundancy payments (R'000)			Severance, termination and redundancy payments (R'000)	Total (R'000)
		Actual (1)	Percentage change from preceding quarter	Percentage change from corresponding quarter of previous year	Actual (2)	Actual (1+2)
1999	Mar	67 136	-3,3	+10,2	122	67 258
	Jun	66 124	-1,5	+5,1	0	66 124
	Sep	66 403	+0,4	+7,8	0	66 403
	Dec	61 272	-7,7	-11,8	41	61 313
2000	Mar	58 408	-4,7	-13,0	91	58 499
	Jun	58 196	-0,4	-12,0	159	58 355
	Sep	59 017	+1,4	-11,1	388	59 405
	Dec	63 802	+8,1	+4,1	734	64 536
2001	Mar	54 072	-15,3	-7,4	85	54 157
	Jun	53 317	-1,4	-8,4	54	53 371
	Sep	55 315	+3,7	-6,3	196	55 511
	Dec	63 798	+15,3	-0,0	95	63 893

Note: All figures are subject to change.

10 Number of employees and gross salaries and wages according to major industrial groups of manufacturing and construction

Industry		Number of employees			Gross salaries and wages (R'000)		
SIC	Description	2000 Dec	2001 Sep	2001 Dec	2000 Dec	2001 Sep	2001 Dec
3	MANUFACTURING	1 279 560	1 264 611	1 250 914	19 896 449	19 340 373	21 359 758
30	Food, beverages and tobacco	183 588	187 832	179 401	2 683 679	2 645 206	2 991 085
301	Meat, fish, fruit, vegetables, oils and fats	57 159	55 685	53 761	561 769	523 714	653 677
302	Dairy products	21 302	20 534	20 757	342 911	317 870	422 595
303	Grain mill products, starches and starch products and prepared animal feeds	20 441	27 192	19 882	313 657	364 919	361 625
304	Other food products	54 859	56 634	58 093	829 397	805 191	838 441
305	Beverages	27 652	25 702	24 801	577 334	582 432	650 685
306	Tobacco products	2 175	2 085	2 107	58 611	51 080	64 062
31	Textiles, clothing and leather	216 407	204 814	209 358	1 830 674	1 536 567	1 778 730
311	Spinning, weaving and finishing of textiles	24 195	24 939	27 708	315 881	263 996	332 683
312	Other textiles	30 878	26 524	28 792	368 969	267 888	335 877
313	Knitted and crocheted fabrics and articles	11 745	10 318	10 643	125 236	83 099	89 666
314	Wearing apparel, except fur Dressing and dyeing of fur, articles of fur	126 059	122 899	123 175	842 344	772 296	837 508
316	Tanning and dressing of leather, luggage, handbags, saddlery and harness	9 457	7 047	6 842	75 391	66 898	87 152
317	Footwear	14 073	13 087	12 198	102 853	82 390	95 844
32	Wood, paper, printing and publishing	183 244	175 850	165 436	2 510 189	2 297 727	2 617 631
321	Sawmilling and planing of wood	41 941	36 263	28 772	259 768	231 765	279 913
322	Products of wood, cork, straw and plaiting materials	35 534	38 296	36 145	285 002	276 414	346 287
323	Paper and paper products	43 810	41 490	40 889	855 356	788 379	889 866
324	Publishing	14 262	13 801	14 128	318 964	298 292	329 621
325	Printing and service activities related to printing	47 369	45 683	45 190	784 164	694 542	765 288
326	Reproduction of recorded media	328	317	312	6 935	8 335	6 656
33	Coke oven products, petroleum refineries, nuclear fuel, chemicals and chemical products, rubber and plastic products	182 572	176 906	177 044	3 894 644	3 930 103	3 864 132
331	Coke oven products	1 049	1 122	1 043	21 575	21 555	22 577
332	Petroleum refineries or synthesisers	13 092	12 581	12 551	310 249	352 279	264 805
334	Basic chemicals	28 488	28 772	27 038	742 748	846 089	832 259
335	Other chemical products	70 112	65 844	65 095	1 601 998	1 452 757	1 532 002
337	Man-made fibres	12 954	12 511	12 708	293 379	224 038	281 751
338	Rubber products	56 877	56 076	58 609	924 695	1 033 385	930 738
34	Non-metallic mineral products	41 363	40 738	40 404	677 640	627 267	708 821
341	Glass and glass products	6 839	6 918	6 852	177 363	150 980	164 996
342	Non-metallic mineral products n.e.c.	34 524	33 820	33 552	500 277	476 287	543 825

10 Number of employees and gross salaries and wages according to major industrial groups of manufacturing and construction

Industry		Number of employees			Gross salaries and wages (R'000)		
SIC	Description	2000 Dec	2001 Sep	2001 Dec	2000 Dec	2001 Sep	2001 Dec
35	Basic metals, metal products and machinery	217 012	226 252	228 695	4 150 728	3 994 765	4 501 397
351	Basic iron and steel	36 767	40 444	40 044	1 042 552	963 020	967 731
352	Basic precious and non-ferrous metals	10 768	11 837	14 642	269 602	290 814	329 891
354	Casting of metals						
	Structural metal products, tanks, reservoirs and steam generators	43 927	47 188	45 617	639 572	718 358	826 193
355	Other fabricated metal products, metalwork service activities	58 785	58 186	58 507	936 594	820 404	984 398
356	General purpose machinery	21 978	23 850	23 763	423 279	417 670	492 881
357	Special purpose machinery	34 375	34 763	34 089	699 663	667 345	746 441
358	Household appliances n.e.c.	9 682	9 245	11 293	133 428	111 759	147 083
359	Office, accounting and computing machinery	730	739	740	6 038	5 395	6 779
36	Electrical machinery	83 771	78 869	78 784	1 427 195	1 694 113	1 857 399
361	Electric motors, generators and transformers	9 243	9 648	9 108	243 479	336 939	330 308
362	Electricity distribution and control apparatus	7 810	7 470	7 355	158 862	151 408	160 672
363	Insulated wire and cable	8 596	8 364	8 723	171 576	177 965	214 568
364	Accumulators, primary cells and primary batteries	3 582	3 492	3 246	75 613	68 939	86 681
365	Electric lamps and lighting equipment	1 180	1 547	1 564	20 788	21 696	27 867
366	Other electrical equipment n.e.c.	53 360	48 348	48 788	756 877	937 166	1 037 303
37	Professional equipment	20 833	19 845	18 202	386 957	364 164	433 976
373	Electronic valves and tubes and other electronic components						
	Television and radio transmitters and apparatus for line telephony and line telegraphy						
	Television and radio receivers, sound or video recording or reproducing apparatus and associated goods	14 800	14 065	12 491	305 946	294 054	350 021
374	Medical appliances, instruments and appliances for measuring, checking, testing, navigating and other purposes, except optical instruments	4 747	4 404	4 317	65 416	55 395	67 193
375	Optical instruments and photographic equipment						
	Watches and clocks	1 286	1 376	1 394	15 595	14 715	16 762
38	Transport equipment	86 616	89 202	87 038	1 691 319	1 621 724	1 879 827
381	Motor vehicles	34 146	32 123	32 074	707 615	642 949	720 806
382	Bodies for motor vehicles, trailers and semi-trailers	9 031	8 824	8 584	166 126	146 704	174 938
383	Parts and accessories for motor vehicles and their engines	33 907	37 383	34 296	628 027	578 365	670 140
384	Building and repairing of ships and boats	3 223	2 853	2 852	79 016	66 056	56 571
385	Railway and tramway locomotives and rolling stock	2 042	2 439	2 409	35 949	44 429	58 582
386	Aircraft and spacecraft	3 589	4 717	5 960	68 889	133 685	187 044
387	Transport equipment n.e.c.	678	863	863	5 697	9 536	11 746

10 Number of employees and gross salaries and wages according to major industrial groups of manufacturing and construction

Industry		Number of employees			Gross salaries and wages (R'000)		
SIC	Description	2000 Dec	2001 Sep	2001 Dec	2000 Dec	2001 Sep	2001 Dec
39	Furniture, manufacturing and recycling n.e.c.	64 154	64 303	66 552	643 424	628 737	726 760
391	Furniture	44 781	45 257	47 644	431 272	430 893	490 498
392	Manufacturing n.e.c.	18 596	18 252	18 006	205 641	190 840	228 004
395	Recycling n.e.c.	777	794	902	6 511	7 004	8 258
5	CONSTRUCTION	222 428	218 986	213 441	2 112 206	2 097 856	2 291 399
501	Site preparation	13 268	14 494	15 031	165 575	190 517	197 313
502	Building of complete constructions or parts thereof, civil engineering	162 074	161 006	155 948	1 456 907	1 473 610	1 589 261
503	Building installation	35 560	32 689	31 541	387 036	338 829	399 427
504	Building completion	7 488	7 162	7 286	58 334	59 415	62 165
505	Renting of construction/demolition equipment with operators	4 038	3 635	3 635	44 354	35 485	43 233

Note: All figures are subject to change.

Note: SIC 315 is included with 314

SIC 336 is included with 335

SIC 353 is included with 354

SIC 371 and 372 are included with 373

SIC 376 is included with 375

## 11 Labour turnover

## 11.1 Percentage of employees appointed during quarter

Industry	Year and quarter				
	2000 Dec	2001 Mar	2001 Jun	2001 Sep	2001 Dec
Total	4,7	5,0	4,3	4,8	7,1
Mining and quarrying	..	..	..	..	..
Gold	..	..	..	..	..
Non-gold	..	..	..	..	..
Manufacturing	4,7	5,2	4,7	6,0	5,0
Electricity, gas and water supply	1,0	1,4	0,9	1,7	1,3
Construction	10,2	10,4	14,6	11,8	8,7
Wholesale, retail and motor trade and hotels	8,2	6,1	4,5	4,9	6,5
Transport, storage and communication	2,5	2,2	3,2	2,9	3,2
Financial institutions	5,7	7,9	6,2	6,3	5,4
Community, social and personal services	3,0	4,8	3,4	4,2	11,8

Note: All figures are subject to change.

## 11.2 Percentage of employees who left during quarter

Industry	Year and quarter				
	2000 Dec	2001 Mar	2001 Jun	2001 Sep	2001 Dec
Total	4,1	5,5	4,4	4,4	6,7
Mining and quarrying	..	..	..	..	..
Gold	..	..	..	..	..
Non-gold	..	..	..	..	..
Manufacturing	4,7	5,8	5,2	4,8	4,9
Electricity, gas and water supply	2,4	2,5	1,4	1,7	2,2
Construction	8,5	11,3	11,1	13,7	11,1
Wholesale, retail and motor trade and hotels	5,2	6,8	4,1	4,7	4,4
Transport, storage and communication	4,4	5,9	3,6	3,3	3,5
Financial institutions	5,1	6,8	5,4	6,4	5,1
Community, social and personal services	3,0	4,4	3,3	3,6	11,7

Note: All figures are subject to change.



## Additional information

### Explanatory notes

- Introduction**
- 1 This publication contains results of the quarterly Survey of Employment and Earnings in selected industries that was conducted in December 2001. The survey is designed to obtain information regarding -
- the number of full-time and part-time employees who received pay for any part of the last pay period ending on or before the last day of the reference quarter;
  - the number of employees who commenced working for the business/organisation during the reference quarter;
  - the number of employees who left the business/organisation during the reference quarter;
  - gross salaries and wages paid during the reference quarter; and
  - severance, termination and redundancy payments paid during the reference quarter.
- 2 This survey together with the Survey of Average Monthly Earnings (AME) in selected industries replaces the previous discrete labour surveys.
- Scope of the survey**
- 3 All employees (wage and salary earners) in the mining and quarrying, manufacturing, construction, electricity, gas and water supply, wholesale trade, retail trade, motor trade, hotels and transport industries, national departments, provincial administrations, local governments, public corporations, parastatal institutions, universities and technikons, banking institutions and insurance companies are included in the survey, except -
- self-employed persons such as subcontractors, owners and consultants;
  - any employees who do not receive pay for the reference period; and
  - employees based in South Africa but paid from abroad, e.g. embassy employees.
- 4 Data on the former Transkei, Boputhatswana, Venda and Ciskei (TBVC states) are included in the major business industries.

#### **Mining and quarrying industry**

Since January 1994 information regarding mining and quarrying activities of the former TBVC states are included in this industry. The total employment in this sector in the TBVC states for January 1994 amounted to approximately 9,0% of the total employment of the South African mining and quarrying industry.

#### **Manufacturing, construction and electricity, gas and water supply industries**

As from January 1996, information regarding the manufacturing, construction and electricity, gas and water supply industries includes particulars of the former TBVC states. According to information at the disposal of Stats SA, the contribution of the former TBVC states for March 1996 amounted to 5,8%, 0,1% and 1,9% of the total employment of the manufacturing, construction and electricity, gas and water supply industries respectively.

#### **Wholesale trade, retail trade, motor trade and catering and accommodation services industry**

In the case of the wholesale trade, retail trade and motor trade industries, information regarding these activities of the former TBVC states is included as from the first quarter of 1996. Information available to Stats SA indicates that for March 1996 the total employment of the TBVC states regarding these



industries amounted to 0,1% of the total employment for the wholesale trade industry, 1,0% of the total employment for the retail trade industry and 0,7% of the total employment for the motor trade industry. For the hotels industry, data on the former TBVC states are included as from the first quarter of 1995. The total hotels industry employment in the TBVC states for March 1995 amounted to approximately 16,0% of the total employment of the South African hotels industry.

**Transport, storage and communication industry**

Information regarding these activities of the former TBVC states is not available.

**Banking institutions, building societies and insurance companies industry**

For the banking institutions, building societies and insurance companies, information of the former TBVC states is included as from the first quarter of 1995. The total TBVC states employment in this sector for March 1995 amounted to approximately 1,0% of the total employment for the South African financial industry.

**Community, social and personal services industry**

As from the second quarter of 1994, information regarding the public sector includes information of the governments and the local governments of the former TBVC states. The total public sector employment in these states for June 1994 amounted to approximately 12,0% of the total employment for the South African public sector. As from the first quarter of 1996 the information regarding the universities of the former TBVC states are included in the public sector. The total employment for universities in these states for March 1996 amounted to approximately 11,0% of the total employment for all South African universities.

- |                         |          |  |
|-------------------------|----------|--|
| <b>Classification</b>   | <b>5</b> | This publication presents information classified by industry. Each statistical unit is classified to an industry that reflects the predominant activity of the enterprise (firm) or establishment (branch). In a small number of cases where an enterprise has a significant number of employees in more than one industry, a separate statistical unit is created for each industry. Periodically, a review is undertaken to determine whether existing enterprises that are split into separate statistical units should continue reporting on this basis. |
|                         | <b>6</b> | Classification of statistical units into an industry is done at the hand of the 1993 edition of the Standard Industrial Classification of all Economic Activities (SIC), Fifth Edition, Report No. 09-90-02. 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 level only.  |
| <b>Statistical unit</b> | <b>7</b> | The survey covers all activities of an employer. In the construction, wholesale trade, retail trade, motor trade, transport and financial institutions industries, information is obtained from enterprises. Therefore, the enterprise is the statistical unit in these cases. In all other industries information is obtained from establishments. Therefore, the establishment is the statistical unit in these cases.   |
|                         | <b>8</b> | An enterprise is a legal entity consisting of one or more establishments including the head office, but excluding holding or subsidiary companies. An establishment is the smallest economic unit that functions as a separate entity and for which comprehensive financial records are kept. Each statistical unit is classified into an industry: see paragraphs 5 and 6 for more information regarding classification by industry.  |

- Survey methodology and design**
- 9 This survey is collected by mail each quarter from a sample of approximately 8 500 employer units. Information regarding Government departments and Provincial administrations is obtained electronically from PERSAL.
- 10 Statistical units in the population are stratified by type of industry (at the 5-digit SIC level) and by size. Businesses in each industrial group/subgroup are divided into three size groups according to the size of their employment or turnover. Size group 1 consists of those businesses that employ a large number of employees, size group 2 consists of medium-sized businesses and size group 3 consists of those businesses that employ a small number of employees. The size groups differ from industry to industry. The hotels industry is divided into five size groups according to star grading.
- 11 The measure of size for the manufacturing, construction, transport, storage and communications, laundry and dry-cleaning services and local government industries is the number of employees. For the wholesale trade, retail trade and motor trade industries turnover is used as the measure of size. For the hotels industry, star grading is used as the measure of size.
- 12 Large size units and units in the government sector (excluding local governments), and in the financial industry are completely enumerated. The sample is selected independently for each stratum using systematic sampling
- 13 The optimal Neyman method is used in the allocation of the sample size. Additional factors considered when sample size is determined are budget allocations, the availability of human resources, etc. The sample size of the Survey of Employment and Earnings in selected industries is 8 500.
- Reliability of estimates**
- 14 Data presented in this publication are based on information obtained from samples of enterprises and establishments 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 businesses (organisations) in South Africa.
- 15 Non-sampling errors in the form of inaccuracies due to imperfections in reporting by enterprises and establishments and errors made in collection and processing of the data may occur. However, every effort is made to reduce these types of errors to a minimum by careful designing of the questionnaires, pilot studies, editing of data and efficient operating procedures.
- Historical series**
- 16 Data were previously published in the following statistical releases:
- P0200 Labour statistics – Employment, salaries and wages (Summary).
- P0242.1 Labour statistics – Employment, salaries and wages: Mining and Quarrying, Manufacturing, Construction and Electricity.
- P0244 Labour statistics – Employment, salaries and wages: Wholesale trade, Retail trade, Motor trade and Hotels.
- P0251 Labour statistics – Employment, salaries and wages: Public sector.
- P0262 Labour statistics – Employment, salaries and wages: Banking institutions, Building societies and Insurance companies.

- Related publications**
- 17** Users may also wish to refer to the following publications which are available from Stats SA:
- P0272 – Survey of Average Monthly Earnings.
  - Bulletin of Statistics.
  - SA Labour Statistics.
  - SA Statistics.
- Unpublished statistics**
- 18** In some cases Stats SA can also make available statistics which are not published. The statistics can be made available in one or more of the following ways: computer printout, CD or diskette. Generally a fee is charged for providing unpublished statistics.
- Pre-release policy**
- 19** New estimates of economic indicators are kept strictly confidential by Stats SA prior to the date and time of release. To enable selected government departments to prepare their public responses, the following pre-release procedure is applied. It accords with practice in leading statistical agencies.
- 20** An official representative from the Presidency, National Treasury, the South African Reserve Bank and the Department of Trade and Industry received a copy of the release on a strictly confidential basis two hours in advance of the public issue.
- 21** Stats SA's pre-release policy may be inspected at its Website, [www.statssa.gov.za](http://www.statssa.gov.za).
- Symbols and abbreviations**
- |             |  |
|-------------|--|
| ABS         | Australian Bureau of Statistics  |
| AME         | Survey of Average Monthly Earnings                                     |
| CD          | Compact disk   |
| cf.         | Compare  |
| GDP         | Gross Domestic Product   |
| IMF         | International Monetary Fund  |
| ISIC        | International Standard Classification of all Economic Activities       |
| LFS         | Labour Force Survey  |
| n.e.c.      | Not elsewhere classified   |
| OHS         | October Household Survey   |
| SDDS        | Special Data Dissemination Standards                                   |
| SIC         | Standard Industrial Classification of all Economic Activities          |
| SNA         | System of National Accounts  |
| Stats SA    | Statistics South Africa  |
| TBVC states | Relates to the former Transkei, Boputhatswana, Venda and Ciskei states |
| ..          | Figures not available  |
| -           | Nil or not applicable  |
| *           | Revised figures  |

## Technical notes

**Response rates** See the response rates for December 2001, by industry, in table A.

**Table A – Response rates**

<b>Industry</b>	<b>% response</b>
Manufacturing	68,2
Electricity, gas and water supply	89,5
Construction	67,6
Wholesale trade, retail trade, motor trade and catering and accommodation services	74,4
Transport, storage and communications	66,5
Financial institutions	91,3
Community, social and personal services	80,2
<b>Total</b>	71,1

## Glossary

<b>Annual percentage change</b>	An annual percentage change is the change in the employment or the gross salaries and wages of the given quarter compared with the employment or the gross salaries and wages of the same quarter of the previous year expressed as a percentage.
<b>Benchmarking</b>	Benchmarking is the adjustment of the level of a variable, e.g. employment as measured by a sample survey to the level of the same variable as reflected by the relevant sectoral economic census for a certain year.
<b>Enterprises (firms)</b>	Enterprises (firms) are legal entities consisting of one or more establishments (branches) including head offices, but excluding holding or subsidiary companies.
<b>Establishments (branches)</b>	Establishments (branches) are defined as enterprises, or part of enterprises, that are situated at a single location and in which only single (non-ancillary) productive activities are carried out or in which principle productive activities account for most of the value added.
<b>Full-time employees</b>	Full-time employees are those permanent, temporary and casual employees who normally work the agreed number of hours for a full-time employee in their particular occupation or, if the agreed number of hours does not apply, who normally work 35 hours or more per week.
<b>Gross salaries and wages</b>	Gross salaries and wages refers to salaries and wages paid for ordinary-time, standard or agreed hours and overtime hours worked during the reference period for all permanent, temporary, casual, managerial and executive employees before taxation and other deductions.
<b>Industries</b>	Industries consist of groups of establishments engaged in the same or similar kinds of activity. The definition of industries is based on the System of National Accounts (SNA) and is in line with that contained in the Standard Industrial Classification of all Economic Activities, Fifth Edition, Report No. 09-90-02 of January 1993 (SIC).
<b>Labour turnover</b>	Labour turnover is the number of employees appointed to or who left their employing business during the reference quarter, expressed as a percentage of the total number of employees in the reference quarter.
<b>Number of employees</b>	The number of employees is the number of people, employed by the business, who received payment (in salaries, wages, commission, piece rates or payments in kind) for any part of the last pay period of the reference quarter (excluding independent contractors).
<b>Part-time employees</b>	Part-time employees are those permanent, temporary or casual employees who are not full-time employees as defined above or work less than 35 hours per week.
<b>Quarterly percentage change</b>	A quarterly percentage change is the change in the employment or the gross salaries and wages of the given quarter compared with the employment or the gross salaries and wages of the previous quarter expressed as a percentage.

**Reference quarter**

Reference quarter for the survey refers to the three months up to the end of March, June, September or December. The reference quarter for this survey was the three months up to December 2001.

**Severance, termination and redundancy payments**

Severance, termination and redundancy payments include payments of leave made to employees who finished work during the reference period as well as payments intended to compensate for loss of employment.

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