Statistics
South Africa

# Labour statistics Survey of average monthly earnings <br> August 2002 

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## Key figures for the month ended August 2002

| Average monthly <br> salaries and wages <br> paid to employees for <br> selected industries | August <br> $\mathbf{2 0 0 1}$ <br> (Rand) | May <br> $\mathbf{2 0 0 2}$ <br> (Rand) | August <br> $\mathbf{2 0 0 2}$ <br> (Rand) | \% change <br> between <br> May <br> $\mathbf{2 0 0 2}$ <br> and <br> August <br> $\mathbf{2 0 0 2}$ | \% change <br> between <br> August |
| :--- | ---: | ---: | ---: | ---: | ---: |
| At current prices | 5470 | $5812^{*}$ | 6073 | August <br> and <br> $\mathbf{2 0 0 2}$ |  |
| At constant 2000 prices | 5165 | $5072^{*}$ | 5138 | $+4,5$ | $+11,0$ |

## Key findings for the month ended August 2002

Average monthly salaries and wages (including bonuses and overtime payment) at current prices, paid to employees in the measured component of the formal non-agricultural business sector, excluding specific industries and subgroups (cf. page 16 for the list of industries and subgroups which are excluded from this survey), showed an annual increase of $\mathbf{1 1 , 0 \%}$ at August 2002 compared with August 2001.

According to the Survey of Average Monthly Earnings (AME) in selected industries conducted in August 2002, the average monthly salaries and wages (including bonuses and overtime payment) at current prices, paid to employees in the measured component of the formal non-agricultural business sector, excluding specific industries and subgroups (cf. page 16 for the list of industries and subgroups which are excluded from this survey), were R6 073 at August 2002. This reflected an annual increase of $11,0 \%$ or R603 compared with August 2001.

At August 2002, the highest average monthly salaries and wages (including bonuses and overtime payment) at current prices, were paid by the electricity, gas and water supply industry (R13 179), followed by the measured component of the financial institutions industry (R12 634) and the measured component of the community, social and personal services industry (R7 498) (cf. table A, page 2).

The highest annual increase in average monthly salaries and wages (including bonuses and overtime payment) at current prices, at August 2002 compared with August 2001, was reflected by the measured component of the financial institutions industry ( $+24,0 \%$ ), followed by the construction industry $(+21,4 \%)$, the electricity, gas and water supply industry $(+18,3 \%)$, the measured component of the community, social and personal services industry $(+13,1 \%)$, the measured component of the transport, storage and communication industry ( $+11,4 \%$ ), the manufacturing industry ( $+8,5 \%$ ), the wholesale trade, retail trade, motor trade and hotels industry $(+6,6 \%)$, and the mining and quarrying industry $(+5,6 \%) \quad$ (cf. table A, page 2).

Table A - Average monthly salaries and wages (including bonuses and overtime payment) at current prices, according to selected industries

| Industry | $\begin{aligned} & \text { August } \\ & 2002 \\ & \text { (Rand) } \end{aligned}$ | \% change between May 2002 and August 2002 | \% change <br> between <br> August 2001 <br> and <br> August <br> 2002 |
| :---: | :---: | :---: | :---: |
| Mining and quarrying | 5289 | +7,3 | +5,6 |
| Manufacturing | 5112 | +1,4 | +8,5 |
| Electricity, gas and water supply | 13179 | +6,4 | +18,3 |
| Construction | 3813 | +6,8 | +21,4 |
| Wholesale trade, retail trade, motor trade and hotels | 4295 | +0,4 | +6,6 |
| Transport, storage and communication | 6980 | +3,1 | +11,4 |
| Governmental institutions | 8308 | +5,5 | +14,8 |
| Non-governmental institutions | 4373 | -1,6 | +6,8 |
| Financial institutions | 12634 | +14,1 | +24,0 |
| Community, social and personal services | 7498 | +4,7 | +13,1 |
| National departments | 7622 | -3,4 | +10,0 |
| Provincial administrations | 7779 | +9,4 | +18,0 |
| Local governments | 5649 | +1,4 | -3,0 |
| Other government institutions | 9367 | +4,9 | +10,8 |
| Total government sector | 7531 | +4,8 | +13,2 |
| Laundries and dry-cleaning services | 1852 | +3,1 | +10,8 |
| Total all selected industries | 6073 | +4,5 | +11,0 |

Average monthly salaries and wages (including bonuses and overtime payment) at constant 2000 prices, paid to employees in the measured component of the formal non-agricultural business sector, excluding specific industries and subgroups (cf. page 16 for the list of industries and subgroups which are excluded from this survey), showed an annual decrease of $0,5 \%$ at August 2002 compared with August 2001 (cf. table B, page 3).

The average monthly salaries and wages (including bonuses and overtime payment) at constant 2000 prices, paid to employees in the measured component of the formal non-agricultural business sector, excluding specific industries and subgroups (cf. page 16 for the list of industries and subgroups which are excluded from this survey), were R5 138 at August 2002. This reflected an annual real decrease of $0,5 \%$ compared with August 2001.

At August 2002, the highest average monthly salaries and wages (including bonuses and overtime payment) at constant 2000 prices, were paid by the electricity, gas and water supply industry (R11 150), followed by the measured component of the financial institutions industry (R10 689) and the measured component of the community, social and personal services industry (R6 343)(cf. table B, page 3).

Table B - Average monthly salaries and wages (including bonuses and overtime payment) at constant 2000 prices, according to selected industries

| Industry | $\begin{aligned} & \text { August } \\ & 2002 \\ & \text { (Rand) } \end{aligned}$ | \% change between May 2002 and August 2002 | \% change between August 2001 and August 2002 |
| :---: | :---: | :---: | :---: |
| Mining and quarrying | 4475 | +4,0 | -5,4 |
| Manufacturing | 4325 | -1,7 | -2,8 |
| Electricity, gas and water supply | 11150 | +3,2 | +6,0 |
| Construction | 3226 | +3,5 | +8,8 |
| Wholesale trade, retail trade, motor trade and hotels | 3634 | -2,6 | -4,5 |
| Transport, storage and communication | 5905 | -0,0 | -0,2 |
| Governmental institutions | 7029 | +2,3 | +2,9 |
| Non-governmental institutions | 3700 | -4,6 | -4,3 |
| Financial institutions | 10689 | +10,6 | +11,1 |
| Community, social and personal services | 6343 | +1,6 | +1,3 |
| National departments | 6448 | -6,4 | -1,4 |
| Provincial administrations | 6581 | +6,1 | +5,7 |
| Local governments | 4779 | -1,7 | -13,1 |
| Other government institutions | 7925 | +1,7 | -0,7 |
| Total government sector | 6371 | +1,6 | +1,4 |
| Laundries and dry-cleaning services | 1567 | -0,0 | -0,8 |
| Total all selected industries | 5138 | +1,3 | -0,5 |

## Average monthly salaries and wages (including bonuses and overtime payment) at current prices: August 2002

## The measured component of the formal non-agricultural business sector

Average monthly salaries and wages (including bonuses and overtime payment) at current prices, paid to employees in the measured component of the formal non-agricultural business sector, excluding specific industries and subgroups (cf. page 16 for the list of industries and subgroups which are excluded from this survey), reflected an annual increase of $11,0 \%$ or R603 from R5 470 to R6 073 between August 2001 and August 2002 (cf. table A, page 2 and figure 1, page 4).

The average monthly salaries and wages (including bonuses and overtime payment) at current prices, paid to employees in the measured component of the formal non-agricultural business sector, excluding specific industries and subgroups (cf. page 16 for the list of industries and subgroups which are excluded from this survey), for August 2002, reflected a quarterly increase of 4,5\% compared with May 2002. This quarterly increase was mainly due to annual salary increases, the appointment of higher paid employees, the retrenchment of lower paid employees and more hours worked by employees in August 2002 than in May 2002 (cf. table A, page 2 and figure 1, page 4).

Figure 1 - Average monthly salaries and wages (including bonuses and overtime payment) at current prices, paid to employees in the measured component of the formal nonagricultural business sector: August 1999 to August 2002


Source: Stats SA
Month and year

The highest average monthly salaries and wages (including bonuses and overtime payment) at current prices, paid to employees in the measured component of the formal non-agricultural business sector, excluding specific industries and subgroups (cf. page 16 for the list of industries and subgroups which are excluded from this survey), for the month ended August 2002, were paid by the electricity, gas and water supply industry (R13 179), followed by the measured component of the financial institutions industry (R12 634) and the measured component of the community, social and personal services industry (R7 498). The lowest average monthly salaries and wages (including bonuses and overtime payment) at current prices were paid by the construction industry (R3 813) (cf. table A, page 2 and figure 2, page 5).

Figure 2 - Average monthly salaries and wages (including bonuses and overtime payment) at current prices, paid to employees according to selected industries: August 2002


## Mining and quarrying industry

Between August 2001 and August 2002, average monthly salaries and wages (including bonuses and overtime payment) at current prices, paid to employees in the mining and quarrying industry, increased from R5 007 to R5 289 reflecting an annual increase of 5,6\% (cf. table A, page 2 and figure 3, page 6).

The average monthly salaries and wages (including bonuses and overtime payment) at current prices, paid to employees in the mining and quarrying industry for August 2002, reflected a quarterly increase of $7,3 \%$ compared with May 2002. Stats SA receives information regarding this industry from the Minerals Bureau, Department of Minerals and Energy. The information for the latest month is preliminary and will be revised by the Minerals Bureau as soon as they receive updated information from the different mines.

Figure 3 - Average monthly salaries and wages (including bonuses and overtime payment) at current prices, paid to employees in the mining and quarrying industry: August 1999 to August 2002


## Manufacturing industry

Average monthly salaries and wages (including bonuses and overtime payment) at current prices, paid to employees in the manufacturing industry between August 2001 and August 2002, increased from R4 712 to R5 112 reflecting an annual increase of $8,5 \%$ (cf. table A, page 2 and figure 4, page 7 ).

A quarterly increase of $1,4 \%$ was reflected in the average monthly salaries and wages (including bonuses and overtime payment) at current prices, paid to employees between May 2002 and August 2002. This quarterly increase was mainly due to annual salary increases, the retrenchment of lower paid seasonal employees, the appointment of higher paid employees, higher commission paid and more hours worked by employees in August 2002 than in May 2002.

Figure 4 - Average monthly salaries and wages (including bonuses and overtime payment) at current prices, paid to employees in the manufacturing industry: August 1999 to August 2002


Source: Stats SA
Month and year

## Electricity, gas and water supply industry

Between August 2001 and August 2002, average monthly salaries and wages (including bonuses and overtime payment) at current prices, paid to employees in the electricity, gas and water supply industry increased from R11 136 to R13 179 reflecting an annual increase of $18,3 \%$ (cf. table A, page 2 and figure 5 , page 8 ).

A quarterly increase of $6,4 \%$ was reflected in the average monthly salaries and wages (including bonuses and overtime payment) at current prices, paid to employees between May 2002 and August 2002. This quarterly increase was mainly due to more hours worked in August 2002 for Project Water Save.

The annual "spike" in the pattern of the average monthly salaries and wages (including bonuses and overtime payment) paid to employees in the electricity, gas and water supply industry (cf. figure 5 , page 8) is mainly due to annual bonuses paid to employees in November of each year by the electricity component of this industry. November is one of the four months in the year for which information is collected by the AME (cf. notes on page 19 and page 20).

Figure 5 - Average monthly salaries and wages (including bonuses and overtime payment) at current prices, paid to employees in the electricity, gas and water supply industry: August 1999 to August 2002


Source: Stats SA
Month and year

## Construction industry

Average monthly salaries and wages (including bonuses and overtime payment) at current prices, paid to employees in the construction industry between August 2001 and August 2002, increased from R3 141 to R3 813 reflecting an annual increase of $21,4 \%$ (cf. table A, page 2 and figure 6, page 9).

A quarterly increase of $6,8 \%$ was reflected in the average monthly salaries and wages (including bonuses and overtime payment) at current prices, paid to employees between May 2002 and August 2002. This quarterly increase was mainly due to annual salary increases, the appointment of higher paid employees, the retrenchment of lower paid part-time employees and more hours worked by employees in August 2002 than in May 2002.

Figure 6 - Average monthly salaries and wages (including bonuses and overtime payment) at current prices, paid to employees in the construction industry: August 1999 to August 2002


Source: Stats SA

## Month and year

## Wholesale trade, retail trade, motor trade and hotels industry

Between August 2001 and August 2002, average monthly salaries and wages (including bonuses and overtime payment) at current prices, paid to employees in the wholesale trade, retail trade, motor trade and hotels industry increased from R4 029 to R4 295 reflecting an annual increase of 6,6\% (cf. table A, page 2 and figure 7, page 10).

The average monthly salaries and wages (including bonuses and overtime payment) at current prices, paid to employees in the wholesale trade, retail trade, motor trade and hotels industry for August 2002, reflected a quarterly increase of $0,4 \%$ compared with May 2002. This quarterly increase was mainly due to annual salary increases, the retrenchment of lower paid employees and more hours worked by employees in August 2002 than in May 2002.

Figure 7 - Average monthly salaries and wages (including bonuses and overtime payment) at current prices, paid to employees in the wholesale trade, retail trade, motor trade and hotels industry: August 1999 to August 2002


## Measured component of the transport, storage and communication industry

Average monthly salaries and wages (including bonuses and overtime payment) at current prices, paid to employees in the measured component of the transport, storage and communication industry between August 2001 and August 2002 increased from R6 265 to R6 980 reflecting an annual increase of 11,4\% (cf. table A, page 2 and figure 8 , page 11

A quarterly increase of $3,1 \%$ was reported in the average monthly salaries and wages (including bonuses and overtime payment) at current prices, paid to employees between May 2002 and August 2002. This quarterly increase was mainly due to the restructuring in some governmental institutions that brings about salary adjustments and changes in management.

Figure 8 - Average monthly salaries and wages (including bonuses and overtime payment) at current prices, paid to employees in the measured component of the transport, storage and communication industry: August 1999 to August 2002


Source: Stats SA
Month and year

## Measured component of the financial institutions industry

Between August 2001 and August 2002, average monthly salaries and wages (including bonuses and overtime payment) at current prices, paid to employees in the measured component of the financial institutions industry increased from R10 187 to R12 634 reflecting an annual increase of 24,0\% (cf. table A, page 2 and figure 9 , page 12).

A quarterly increase of $14,1 \%$ was reflected in the average monthly salaries and wages (including bonuses and overtime payment) at current prices, paid to employees between May 2002 and August 2002. This quarterly increase was mainly due to annual salary increases, the appointment of higher paid employees, more commission paid to employees and more hours worked in August 2002 than in May 2002.

As in the case of the electricity, gas and water supply industry, but less prominently, there is an annual "spike" in the pattern of average monthly salaries and wages paid to employees in the measured component of the financial institutions industry (cf. figure 9 , page 12 ), which is mainly due to annual bonuses being paid to employees in November of each year by this industry, November being one of the reference months of the AME.

Figure 9 - Average monthly salaries and wages (including bonuses and overtime payment) at current prices, paid to employees in the measured component of the financial institutions industry: August 1999 to August 2002


## Measured component of the community, social and personal services industry

Average monthly salaries and wages (including bonuses and overtime payment) at current prices, paid to employees in the measured component of the community, social and personal services industry (covering the government sector and laundries and dry-cleaning services) between August 2001 and August 2002, increased from R6 631 to R7 498 reflecting an annual increase of $13,1 \%$ (cf. table A, page 2 and figure 10 , page 13 ).

Average monthly salaries and wages (including bonuses and overtime payment) at current prices, paid to employees in the measured component of the community, social and personal services industry for August 2002 reflected a quarterly increase of $4,7 \%$ compared with May 2002. This quarterly increase was mainly due to annual salary increases, the appointment of higher paid employees and more hours worked in August 2002 than in May 2002.

The pattern in the average monthly salaries and wages (including bonuses and overtime payment) paid to employees in the measured component of the community, social and personal services industry shows a slight "dip" in the first quarter of each year (cf. figure 10, page 13). The reason for this is as follows: Employees in national and provincial government departments receive their thirteenth cheque in their birthday month. However, the practice was that these payments were held over for the first three months of the year, and made during April. As a result, the reported average figure for the February reference month excluded the thirteenth cheque payments for that month, whereas they were included in the average figure for the May, August and November reference months. As from January 2001, this practice has been discontinued. Thirteenth cheques are now paid out to employees in national and provincial government departments in every month of the year.

Figure 10 - Average monthly salaries and wages (including bonuses and overtime payment) at current prices, paid to employees in the measured component of the community, social and personal services industry: August 1999 to August 2002


[^1]Month and year

## Average monthly salaries and wages (including bonuses and overtime payment) at constant $\mathbf{2 0 0 0}$ prices: August 2002

The measured component of the formal non-agricultural business sector

Between August 2001 and August 2002 average monthly salaries and wages (including bonuses and overtime payment) at constant 2000 prices, paid to employees in the measured component of the formal non-agricultural business sector, excluding specific industries and subgroups (cf. page 16 for the list of industries and subgroups which are excluded from this survey), decreased from R5 165 to R5 138 reflecting a real annual decrease of $0,5 \%$ (cf. figure 11, page 14), and a quarterly increase of $1,3 \%$ (cf. table B, page 4) between May 2002 and August 2002.

Figure 11 - Annual percentage change in the average monthly salaries and wages (including bonuses and overtime payment) at constant 2000 prices, in the measured component of the formal non-agricultural business sector: August 1999 to August 2002


The highest average monthly salaries and wages (including bonuses and overtime payment) at constant 2000 prices, paid to employees in the measured component of the formal non-agricultural business sector, excluding specific industries and subgroups (cf. page 16 for the list of industries and subgroups which are excluded from this survey), for the month ended August 2002, were paid by the electricity, gas and water supply industry (R11 150), followed by the measured component of the financial institutions industry (R10 689), and the measured component of the community, social and personal services industry (R6 343). The lowest average monthly salaries and wages (including bonuses and overtime payment), at constant 2000 prices, were paid by the construction industry (R3 226) (cf. table B, page 4 and figure 12, page 15 ).

Figure 12 - Average monthly salaries and wages (including bonuses and overtime payment) at constant $\mathbf{2 0 0 0}$ prices, paid to employees according to selected industries: August 2002


## Average monthly ordinary-time hours and overtime hours paid for per employee

The highest average monthly ordinary-time hours paid for per employee for August 2002, was reported by the wholesale trade, retail trade, motor trade and hotels industry for full-time employees (184,4 hours per employee) and by the manufacturing industry for part-time employees ( 121,6 hours per employee) (cf. table 5, page 33).

The highest average monthly overtime hours paid for per employee for August 2002, was reported by the measured component of the transport, storage and communication industry for full-time employees ( 15,2 hours per employee) and by the construction industry for part-time employees ( 9,6 hours per employee) (cf. table 6, page 35).

## Vacancies

At the end of August 2002, the number of funded vacancies reported by the measured component of the formal non-agricultural business sector, increased by 6087 ( $+1,8 \%$ ) compared with May 2002. Governmental institutions, a component of the measured component of the transport, storage and
communication industry, posted the largest increase (+8 219) in the number of funded vacancies between May 2002 and August 2002 (cf. table 7, page 37).

## Comparability of average monthly earnings results as derived from the quarterly AME in selected industries survey with the results of the quarterly Survey of Employment and Earnings in selected industries

The quarterly AME in selected industries survey and the quarterly Survey of Employment and Earnings in selected industries collect information from the formal non-agricultural business sector. Currently these surveys do not collect information from the following industries and subgroups -

- 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 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.

These surveys also exclude domestic services and the informal sector.
Information in this statistical release is not comparable with information contained in the statistical release P0271 - Survey of Employment and Earnings in selected industries. Information collected through the AME in selected industries reflects information for a specific reference month only, e.g. February, May, August and November, while the Survey of Employment and Earnings in selected industries reflects employment information as at the end of the reference quarter, e.g. March, June, September and December, and gross salaries and wages for the total quarter. Thus, the Survey of Employment and Earnings in selected industries information regarding gross salaries and wages for the first quarter of a relevant year will include information for January plus February plus March of the relevant year.

## New sample

In accordance with international best practice, 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 the new questionnaire as the first step in the reengineering 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 in any given period are changing ownership, closing, or being registered. As soon as this improvement in the listing and classification of businesses has been finalised, Stats SA will implement 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.

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## Methodological notes

Information regarding the average monthly salaries and wages paid to employees for the period February 1992 to November 1997 was derived from the monthly and quarterly labour surveys which Stats SA conducted prior to the re-engineering process of the labour surveys which started in 1998. The monthly labour surveys were previously conducted regarding the mining and quarrying, manufacturing, electricity, gas and water supply, construction and non-governmental transport industries, while quarterly labour surveys were conducted regarding the wholesale trade, retail trade, motor trade and hotels industries, financial institutions, governmental transport institutions, government sector and laundries and dry-cleaning industry. Until December 1997, information regarding these industries was published in the statistical release P0200 - Summary: Employment, salaries and wages.

Information regarding the average monthly salaries and wages paid to employees for the period February 1998 to May 2001 was derived from the new Survey of Average Monthly Earnings (AME) in selected industries which Stats SA piloted in 1998 and implemented as from February 1999.

The differences between the old and the new questionnaires are described in detail in the Notes, pages 20 to 22.

The new Survey of Average Monthly Earnings in selected industries does not require the respondents to separate severance, termination and redundancy payments from gross salaries and wages. In order to publish a continuous time series, information regarding severance, termination and redundancy payments is collected through the Survey of Employment and Earnings in selected industries. The information collected through the Survey of Employment and Earnings in selected industries is used to subtract severance, termination and redundancy payments from the performance and other bonuses information which is collected through the AME in selected industries in order to provide users with a continuous gross salaries and wages and other relevant time series.

Prior to 1998, information collected through the monthly and quarterly labour surveys regarding gross salaries and wages included -

- bonuses (excluding severance, termination and redundancy payments); and
- overtime payments to employees.

As from February 1998, the gross salaries and wages collected through the AME in selected industries include -

- performance and other bonuses (including severance, termination and redundancy payments); and
- overtime payments to employees.

Furthermore, prior to 1998, the quarterly labour surveys collected employment information as at the end March, June, September and December, while the gross salaries and wages information were collected for the total quarter (e.g. the information for the first quarter of each year included the gross salaries and wages paid for January plus February plus March). Average monthly salaries and wages were calculated by dividing the
gross salaries and wages for the quarter by three and then divided by the total number of employees as at the end of the quarter.

For the monthly labour surveys, prior to 1998, the average monthly salaries and wages were calculated by dividing the gross salaries and wages for the month by the number of employees as at the end of the month.

As from 1998, information on employment as well as gross salaries and wages is collected through AME in selected industries with different reference months, namely, February, May, August and November of each year. The average monthly salaries and wages are calculated by dividing gross salaries and wages for the reference month by the number of employees as at the end of that month.

## Notes

## Forthcoming issues

## Purpose of the survey

## New questionnaire

## Issue

November 2002

## Expected release date

March 2003

The Survey of Average Monthly Earnings (AME) in selected industries is a survey covering a sample of private and public businesses/organisations in the measured component of the formal non-agricultural business sector of the South African economy. The information received is used to estimate key economic statistics on average salaries and wages, overtime pay, hours worked and paid for and vacancies, used mainly for monitoring current economic indicators of the South African economy.

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, the Survey of Average Monthly Earnings (AME) in selected industries and the Survey of Employment and Earnings in selected industries.

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 will be important for economists as well as policymakers. The AME, piloted in 1998 and in operation from February 1999, collects the following information -

- total 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;
- total ordinary-time hours worked and paid for by full-time and parttime employees during the reference month;
- total overtime hours worked and paid for 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 paid to full-time and part-time employees for the reference month; and
- number of vacancies as at the end of the reference month.

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 Gross Domestic Product (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 industries was piloted in the third quarter of 1997 and has been in operation as from the first quarter of 1998. This survey collects the following information -

- number of employees who received pay for any part of the last pay period ending on or before the end of the reference quarter (total, fulltime and part-time employees);
- number of employees who commenced working for the business/organisation during the reference quarter;
- number of employees who left the business/organisation during the reference quarter;
- total gross salaries and wages paid for all payrolls for the reference quarter; and
- total severance, termination and redundancy payments paid during the reference quarter.

Prior to 1998, the monthly manufacturing, construction and electricity, gas and water supply surveys collected and provided current indicators on employment and the contribution of 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 design 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. Data items 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, 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 43 data items, except 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 as on the last pay day of the quarter;
- total gross salaries and wages paid to full-time and part-time employees for the quarter;
- overtime wages;
- bonuses paid for the quarter;
- total actual hours worked; and
- total number of vacancies.

New information As from February 2000, Stats SA collects separate information through the quarterly AME in selected industries survey on -

- performance and other bonuses (full-time and part-time employees);
- total number of ordinary-time hours worked and paid for (full-time and part-time employees);
- total number of overtime hours worked and paid for (full-time and part-time employees); and
- number of vacancies.

Therefore, tables 3, 4, 5, 6 and 7, pages 31 to 41 , have been added to reflect the above-mentioned information to this publication as from the February 2000 release which was published on 6 December 2000.

Table 1 - Average monthly salaries and wages per employee (including bonuses and overtime payment), at current prices, according to industry


Table 1 - Average monthly salaries and wages per employee (including bonuses and overtime payment), at current prices, according to industry


Note: All figures are subject to change.

* Revised.

Table 2 - Average monthly salaries and wages per employee (including bonuses and overtime payment), at constant 2000 prices, according to industry


Table 2 - Average monthly salaries and wages per employee (including bonuses and overtime payment), at constant 2000 prices, according to industry


Note: All figures are subject to change.

* Revised.

Table 3 - Average monthly salaries and wages per employee (excluding bonuses and overtime payment), at current prices, according to industry and type of employee

|  | Aug 2001 <br> (Rand) | May 2002 <br> (Rand) | Aug 2002 (Rand) | \% change <br> between <br> May 2002 <br> and <br> Aug 2002 | \% change <br> between <br> Aug 2001 <br> and <br> Aug 2002 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Mining and quarrying |  |  |  |  |  |
| Full-time employees | $\ldots$ | . | . |  | $\cdots$ |
| Part-time employees. | . | . |  |  |  |
| All employees.... |  |  |  |  |  |
| Full-time equivalent employees... |  | . |  | . | . |
| Manufacturing: |  |  |  |  |  |
| - Food products, beverages and tobacco products |  |  |  |  |  |
| Full-time employees......... | 4 023* | 4 340* | 4377 | +0,9 | +8,8 |
| Part-time employees | 1 355* | 1 739* | 1796 | +3, 3 | +32,5 |
| All employees. | 3 951* | 4 193* | 4189 | -0,1 | +6,0 |
| Full-time equivalent employees. | 3 986* | 4 258* | 4271 | +0, 3 | +7,2 |
| - Textiles, clothing and leather goods |  |  |  |  |  |
| Full-time employees........... | 2260 | 2 271* | 2361 | +4,0 | +4, 5 |
| Part-time employees............... | 1785 | 1 553* | 1420 | -8,6 | -20,4 |
| All employees. | 2258 | 2 262* | 2343 | +3,6 | +3,8 |
| Full-time equivalent employees. | 2260 | 2 278* | 2370 | +4,0 | +4,9 |
| - Wood and products of wood and cork, except furniture. Articles of straw and plaiting materials. Paper and paper products. Publishing, printing and reproduction of recorded media. |  |  |  |  |  |
|  |  |  |  |  |  |
| Full-time employees................ | 4142 | 4 264* | 4492 | +5,3 | +8, 5 |
| Part-time employees............... | 2066 | 1454 | 1518 | +4, 4 | -26,5 |
| All employees.... | 4136 | 4 236* | 4450 | +5,1 | +7, 6 |
| Full-time equivalent employees. | 4140 | 4 251* | 4477 | +5,3 | +8,1 |
| - Coke, refined petroleum products and nuclear fuel. Chemicals and chemical products. Rubber and |  |  |  |  |  |
| Part-time employees | 1442 | 2326 | 1261 | -45,8 | -12,6 |
| All employees... | 6167 | 6 548* | 6578 | +0, 5 | +6,7 |
| Full-time equivalent employees. | 6185 | 6 572* | 6605 | +0,5 | +6,8 |
| - Other non-metallic mineral |  |  |  |  |  |
| Full-time employees. | 4 222* | 4318 | 4673 | +8, 2 | +10,7 |
| Part-time employees | 1153 | 876 | 2493 | +184,6 | +116,2 |
| All employees.. | 4 208* | 4276 | 4637 | +8, 4 | +10, 2 |
| Full-time equivalent employees... | 4 218* | 4291 | 4671 | +8,9 | +10, 7 |
| - Basic metals, fabricated metal products, machinery and equipment and office, accounting and computing machinery |  |  |  |  |  |
| Full-time employees. | 5305 | 5 370* | 5425 | +1,0 | +2, 3 |
| Part-time employees. | 2 132* | 2 196* | 2237 | +1,9 | +4,9 |
| All employees..................... | 5 288* | 5 326* | 5395 | +1,3 | +2,0 |
| Full-time equivalent employees... | 5 299* | 5 356* | 5419 | +1, 2 | +2, 3 |
| - Electrical machinery and |  |  |  |  |  |
| Full-time employees............... | 4625 | 4 654* | 4535 | -2,6 | -1,9 |
| Part-time employees. | 3602 | 3781 | 2284 | -39,6 | -36,6 |
| All employees.. | 4621 | 4 650* | 4512 | -3,0 | -2, 4 |
| Full-time equivalent employees... | 4625 | 4 655* | 4519 | -2,9 | -2, 3 |
| - Radio, television and communication equipment and apparatus and |  |  |  |  |  |

Table 3 - Average monthly salaries and wages per employee (excluding bonuses and overtime payment), at current prices, according to industry and type of employee


Table 3 - Average monthly salaries and wages per employee (excluding bonuses and overtime payment), at current prices, according to industry and type of employee


Note: All figures are subject to change.

* Revised.

Table 4 - Average monthly salaries and wages per employee (excluding bonuses and overtime payment), at constant 2000 prices, according to industry and type of employee


Table 4 - Average monthly salaries and wages per employee (excluding bonuses and overtime payment), at constant 2000 prices, according to industry and type of employee


Table 4 - Average monthly salaries and wages per employee (excluding bonuses and overtime payment), at constant 2000 prices, according to industry and type of employee

| Industry and <br> type of employee | Aug 2001 <br> (Rand) | May 2002 <br> (Rand) | Aug 2002 <br> (Rand) | \% change between May 2002 and Aug 2002 | \% change between Aug 2001 and Aug 2002 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Financial institutions |  |  |  |  |  |
| Full-time employees | 8365 | 9 011* | 9003 | -0,1 | +7,6 |
| Part-time employees | 1305 | 1156 | 2350 | +103,3 | +80,1 |
| All employees. | 8199 | 8 858* | 8807 | -0,6 | +7, 4 |
| Full-time equivalent employees | 8277 | 8 927* | 8909 | -0,2 | +7,6 |
| Community, social and personal services: |  |  |  |  |  |
| - National departments |  |  |  |  |  |
| Full-time employees | 6015 | 6 374* | 6040 | $-5,2$ | +0, 4 |
| Part-time employees | 2552 | 2352 | 1911 | -18,8 | -25,1 |
| All employees. | 5901 | 6 236* | 5894 | -5,5 | -0,1 |
| Full-time equivalent employees | 6063 | 6 326* | 6058 | -4,2 | -0, 1 |
| - Provincial administrations |  |  |  |  |  |
| Full-time employees | 6155 | 6080 | 6469 | +6,4 | +5,1 |
| Part-time employees | 1653 | 1289 | 1384 | +7,4 | -16,3 |
| All employees.... | 5892 | 5798 | 6162 | +6, 3 | +4,6 |
| Full-time equivalent employees | 6229 | 6137 | 6534 | +6,5 | +4,9 |
| - Local governments |  |  |  |  |  |
| Full-time employees. | 5 187* | 4 525* | 4426 | -2,2 | -14,7 |
| Part-time employees | 2 415* | 1 943* | 3810 | +96,1 | +57,8 |
| All employees. | 5 167* | 4 517* | 4423 | -2,1 | -14,4 |
| Full-time equivalent employees | 5 187* | 4 523* | 4434 | -2,0 | -14,5 |
| - Other government institutions Full-time employees.......... | 8375 | 8 049* | 8033 | -0,2 | -4,1 |
| Part-time employees | 2201 | 3 059* | 2361 | -22,8 | +7,3 |
| All employees. | 7703 | 7 551* | 7404 | -1,9 | -3,9 |
| Full-time equivalent employees | 8152 | 8 006* | 7901 | -1,3 | -3,1 |
| - Total government sector Full-time employees.... | 6 085* | 6 039* | 6146 | +1, 8 | +1,0 |
| Part-time employees. | 1 887* | 1700 | 1640 | -3,5 | -13,1 |
| All employees. | 5 886* | 5 831* | 5924 | +1, 6 | +0,6 |
| Full-time equivalent employees. | 6 130* | 6 064* | 6185 | +2,0 | +0, 9 |
| - Laundries and dry-cleaning services |  |  |  |  |  |
| Full-time employees. | 1506 | 1 471* | 1506 | +2,4 | -0,0 |
| Part-time employees | 547 | 573 | 584 | +1,9 | +6,8 |
| All employees........... | 1496 | 1 459* | 1492 | +2, 3 | -0, 3 |
| Full-time equivalent employees. | 1497 | 1 462* | 1498 | +2,5 | +0,1 |
| - Total community, social and personal services |  |  |  |  |  |
| Full-time employees. | 6 062* | 6 012* | 6118 | +1,8 | +0,9 |
| Part-time employees | 1885 | 1698 | 1638 | -3, 5 | -13,1 |
| All employees. | 5 865* | 5 805* | 5898 | +1,6 | +0, 6 |
| Full-time equivalent employees. | 6 108* | 6 036* | 6157 | +2,0 | +0, 8 |
| Total (all industries) |  |  |  |  |  |
| Full-time employees. | 4977 | 4 936* | 4968 | +0,6 | -0,2 |
| Part-time employees. | 1 255* | 1 073* | 1038 | -3, 3 | -17,3 |
| All employees....... | 4805 | 4 716* | 4731 | +0,3 | -1,5 |
| Full-time equivalent employees. | 4948 | 4 890* | 4913 | +0, 5 | -0, 7 |

Note: All figures are subject to change.

* Revised.

Table 5 - Average monthly ordinary-time hours paid for per employee according to industry and type of employee

| Industry and type of employee | Aug 2001 <br> (Number) | May 2002 <br> (Number) | Aug 2002 <br> (Number) | \% change between May 2002 and Aug 2002 | \% change between Aug 2001 and Aug 2002 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Mining and quarrying <br> Full-time employees............... <br> Part-time employees | 173,0 | 173,2 | 173,0 | -0,1 | -0,0 |
| Manufacturing: <br> - Food products, beverages and tobacco products <br> Full-time employees................ <br> Part-time employees................ | 182,6 116,1 | $\begin{aligned} & 180,2 \\ & 130,0 * \end{aligned}$ | $\begin{aligned} & 177,3 \\ & 135,9 \end{aligned}$ | $\begin{aligned} & -1,6 \\ & +4,5 \end{aligned}$ | $\begin{array}{r} -2,9 \\ +17,1 \end{array}$ |
| ```- Textiles, clothing and leather goods Full-time employees............... Part-time employees...............``` | 179,6 135,7 | $176,5 *$ $106,7 *$ | $\begin{aligned} & 178,1 \\ & 120,8 \end{aligned}$ | $\begin{array}{r} +0,9 \\ +13,2 \end{array}$ | $\begin{array}{r} -0,8 \\ -11,0 \end{array}$ |
| - Wood and products of wood and cork, except furniture. Articles of straw and plaiting materials. Paper and paper products. Publishing, printing and reproduction of recorded media. <br> Full-time employees................ <br> Part-time employees................ | $\begin{array}{r} 174,5 \\ 97,6 \end{array}$ | $\begin{aligned} & 177,3 * \\ & 105,3 \end{aligned}$ | $\begin{aligned} & 178,7 \\ & 104,3 \end{aligned}$ | $\begin{aligned} & +0,8 \\ & -0,9 \end{aligned}$ | $\begin{aligned} & +2,4 \\ & +6,9 \end{aligned}$ |
| - Coke, refined petroleum products and nuclear fuel. Chemicals and chemical products. Rubber and plastic products. <br> Full-time employees................ <br> Part-time employees................. | 174,4 97,7 | $175,4 *$ $95,0 *$ | 173,6 99,6 | $-1,0$ $+4,8$ | $-0,5$ $+1,9$ |
| - Other non-metallic mineral <br> products <br> Full-time employees................ <br> Part-time employees................ | $\begin{array}{r} 177,4 \\ 75,1 \end{array}$ | $\begin{aligned} & 177,3 \\ & 121,3 \end{aligned}$ | $\begin{aligned} & 176,1 \\ & 104,8 \end{aligned}$ | $\begin{array}{r} -0,7 \\ -13,6 \end{array}$ | $\begin{array}{r} -0,7 \\ +39,5 \end{array}$ |
| - Basic metals, fabricated metal products, machinery and equipment and office, accounting and computing machinery <br> Full-time employees............... <br> Part-time employees................ | $\begin{aligned} & 178,0 \\ & 107,3 \end{aligned}$ | 177,3* 109,1 | 172,3 94,3 | $-2,8$ $-13,6$ | $\begin{array}{r} -3,2 \\ -12,1 \end{array}$ |
| ```- Electrical machinery and apparatus n.e.c. Full-time employees............... Part-time employees...............``` | $\begin{aligned} & 177,5 \\ & 139,7 \end{aligned}$ | $\begin{aligned} & 177,1 \\ & 135,3 \end{aligned}$ | $\begin{aligned} & 171,6 \\ & 145,5 \end{aligned}$ | $\begin{aligned} & -3,1 \\ & +7,5 \end{aligned}$ | $\begin{array}{r} -3,3 \\ +4,2 \end{array}$ |
| - Radio, television and communication equipment and apparatus and medical, precision and optical instruments, watches and clocks Full-time employees................ Part-time employees................ | $\begin{array}{r} 175,8 \\ 84,7 \end{array}$ | $\begin{gathered} 178,8 * \\ 85,4 \end{gathered}$ | $\begin{aligned} & 181,9 \\ & 135,5 \end{aligned}$ | $\begin{array}{r} +1,7 \\ +58,7 \end{array}$ | $\begin{array}{r} +3,5 \\ +60,0 \end{array}$ |
| - Transport equipment <br> Full-time employees............... <br> Part-time employees................ | $\begin{array}{r} 173,7 \\ 35,4 \end{array}$ | $\begin{gathered} 178,6 \\ 57,6 * \end{gathered}$ | $\begin{aligned} & 174,5 \\ & 114,1 \end{aligned}$ | $\begin{array}{r} -2,3 \\ +98,1 \end{array}$ | $\begin{array}{r} +0,5 \\ +222,3 \end{array}$ |
| - Furniture, manufacturing n.e.c. <br> and recycling <br> Full-time employees................ <br> Part-time employees................ | $\begin{aligned} & 179,5 \\ & 122,3 \end{aligned}$ | $\begin{aligned} & 178,3 * \\ & 106,6 \end{aligned}$ | $\begin{aligned} & 179,6 \\ & 112,1 \end{aligned}$ | $\begin{aligned} & +0,7 \\ & +5,2 \end{aligned}$ | $\begin{aligned} & +0,1 \\ & -8,3 \end{aligned}$ |
| - Total manufacturing <br> Full-time employees................ <br> Part-time employees................ | $\begin{array}{r} 177,6 \\ 99,7 \end{array}$ | $\begin{aligned} & 177,4^{*} \\ & 108,1^{*} \end{aligned}$ | $\begin{aligned} & 175,8 \\ & 121,6 \end{aligned}$ | $\begin{array}{r} -0,9 \\ +12,5 \end{array}$ | $\begin{array}{r} -1,0 \\ +22,0 \end{array}$ |

Table 5 - Average monthly ordinary-time hours paid for per employee according to industry and type of employee

| ```Industry and type of employee``` | Aug 2001 <br> (Number) | May 2002 <br> (Number) | Aug 2002 <br> (Number) | \% change between May 2002 and Aug 2002 | \% change between Aug 2001 and Aug 2002 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Electricity, gas and water supply Full-time employees. <br> Part-time employees. | 163,2 107,3 | 166,5 97,8 | $\begin{array}{r} 162,6 \\ 88,4 \end{array}$ | $\begin{aligned} & -2,3 \\ & -9,6 \end{aligned}$ | $\begin{array}{r} -0,4 \\ -17,6 \end{array}$ |
| Construction <br> Full-time employees......... <br> Part-time employees......... | 180,0 108,5 | $179,0 *$ $65,7 *$ | 180,2 114,1 | $\begin{array}{r} +0,7 \\ +73,7 \end{array}$ | $\begin{aligned} & +0,1 \\ & +5,2 \end{aligned}$ |
| Wholesale, retail and motor trade and hotels <br> Full-time employees............ <br> Part-time employees............ | $\begin{array}{r} 183,7 \\ 83,4 \end{array}$ | $\begin{gathered} 185,2 \\ 77,2 * \end{gathered}$ | $\begin{array}{r} 184,4 \\ 80,9 \end{array}$ | $\begin{aligned} & -0,4 \\ & +4,8 \end{aligned}$ | $\begin{aligned} & +0,4 \\ & -3,0 \end{aligned}$ |
| Transport, storage and communication: <br> - Governmental institutions Full-time employees...... Part-time employees...... | 172,4 138,0 | 179,7 140,7 | 179,2 139,7 | $-0,3$ $-0,7$ | $\begin{aligned} & +3,9 \\ & +1,2 \end{aligned}$ |
| - Non-governmental institutions Full-time employees. <br> . . . . . . . . . . Part-time employees. $\qquad$ | 185,3 61,0 | 185,3 60,5 | 186,8 56,6 | $+0,8$ $-6,4$ | $\begin{aligned} & +0,8 \\ & -7,2 \end{aligned}$ |
| - Total transport, storage and communication <br> Full-time employees......... <br> Part-time employees.......... | 176,2 81,3 | 181,4 79,8 | 181,7 78,1 | $+0,2$ $-2,1$ | $\begin{aligned} & +3,1 \\ & -3,9 \end{aligned}$ |
| Financial institutions <br> Full-time employees........... <br> Part-time employees............. | 169,4 99,8 | 170,3 99,4 | 169,0 102,4 | $\begin{aligned} & -0,8 \\ & +3,0 \end{aligned}$ | $\begin{aligned} & -0,2 \\ & +2,6 \end{aligned}$ |
| Community, social and personal services: <br> - National departments <br> Full-time employees......... <br> Part-time employees......... | $\begin{array}{r} 160,5 \\ 29,9 \end{array}$ | 160,6 94,1 | $\begin{array}{r} 160,7 \\ 37,7 \end{array}$ | $\begin{array}{r} +0,1 \\ -59,9 \end{array}$ | $\begin{array}{r} +0,1 \\ +26,1 \end{array}$ |
| - Provincial administrations Full-time employees....... Part-time employees....... | 150,0 10,9 | 150,3 9,2 | $\begin{array}{r} 151,2 \\ 8,6 \end{array}$ | $+0,6$ $-6,5$ | $\begin{array}{r} +0,8 \\ -21,1 \end{array}$ |
| - Local governments <br> Full-time employees...... <br> Part-time employees...... | 174,0 89,2 | 172,5 109,5 | 171,5 79,5 | $-0,6$ $-27,4$ | $\begin{array}{r} -1,4 \\ -10,9 \end{array}$ |
| - Other government institutions Full-time employees........... Part-time employees........... | $\begin{array}{r} 172,7 \\ 93,9 \end{array}$ | 169,8 72,2 | $\begin{array}{r} 165,4 \\ 70,5 \end{array}$ | $-2,6$ $-2,4$ | $\begin{array}{r} -4,2 \\ -24,9 \end{array}$ |
| - Total government sector <br> Full-time employees......... <br> Part-time employees......... | 157,7 27,3 | 157,1 32,3 | 157,4 23,1 | $+0,2$ $-28,5$ | $\begin{array}{r} -0,2 \\ -15,4 \end{array}$ |
| - Laundries and dry-cleaning services <br> Full-time employees........... <br> Part-time employees........... | $\begin{aligned} & 184,9 \\ & 133,6 \end{aligned}$ | $\begin{aligned} & 176,8 \\ & 118,3 \end{aligned}$ | $\begin{aligned} & 183,8 \\ & 100,1 \end{aligned}$ | $\begin{array}{r} +4,0 \\ -15,4 \end{array}$ | $\begin{array}{r} -0,6 \\ -25,1 \end{array}$ |
| - Total community, social and personal services <br> Full-time employees........... <br> Part-time employees............ | $\begin{array}{r} 157,9 \\ 27,4 \end{array}$ | $\begin{array}{r} 157,2 \\ 32,5 \end{array}$ | $\begin{array}{r} 157,6 \\ 23,2 \end{array}$ | $\begin{array}{r} +0,3 \\ -28,6 \end{array}$ | $\begin{array}{r} -0,2 \\ -15,3 \end{array}$ |
| Total (all industries) <br> Full-time employees. <br> Part-time employees | $\begin{array}{r} 171,7 \\ 65,8 \end{array}$ | $\begin{array}{r} 172,1^{*} \\ 68,2^{*} \end{array}$ | $\begin{array}{r} 171,4 \\ 71,1 \end{array}$ | $\begin{aligned} & -0,4 \\ & +4,3 \end{aligned}$ | $\begin{aligned} & -0,2 \\ & +8,1 \end{aligned}$ |

Note: All figures are subject to change.

## * Revised.

Table 6 - Average monthly overtime hours paid for per employee according to industry and type of employee

| ```Industry and type of employee``` | Aug 2001 <br> (Number) | May 2002 <br> (Number) | Aug 2002 <br> (Number) | \% change between May 2002 and Aug 2002 | \% change between Aug 2001 and Aug 2002 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Mining and quarrying <br> Full-time employees............... <br> Part-time employees................. | 0,0 | 0,0 | 0,0 |  |  |
| Manufacturing: <br> - Food products, beverages and tobacco products Full-time employees................ Part-time employees.................. | $\begin{array}{r} 14,3 \\ 4,8 \end{array}$ | $\begin{array}{r} 17,4 \\ 7,2 \end{array}$ | 15,4 7,5 | $\begin{array}{r} -11,5 \\ +4,2 \end{array}$ | $\begin{array}{r} +7,7 \\ +56,3 \end{array}$ |
| ```- Textiles, clothing and leather goods Full-time employees............... Part-time employees...............``` | 11,0 4,0 | $\begin{aligned} & 12,3 * \\ & 11,5 * \end{aligned}$ | 14,4 6,6 | $+17,1$ $-42,6$ | $\begin{aligned} & +30,9 \\ & +65,0 \end{aligned}$ |
| - Wood and products of wood and cork, except furniture. Articles of straw and plaiting materials. Paper and paper products. Publishing, printing and reproduction of recorded media. <br> Full-time employees................ <br> Part-time employees................ | $\begin{aligned} & 8,6 \\ & 5,9 \end{aligned}$ | $\begin{aligned} & 13,2 \\ & 12,3 \end{aligned}$ | $\begin{array}{r} 15,4 \\ 9,3 \end{array}$ | $\begin{aligned} & +16,7 \\ & -24,4 \end{aligned}$ | $\begin{aligned} & +79,1 \\ & +57,6 \end{aligned}$ |
| - Coke, refined petroleum products and nuclear fuel. Chemicals and chemical products. Rubber and plastic products. <br> Full-time employees............... <br> Part-time employees................ | 7,3 3,9 | 14,3 3,8 | 11,1 6,3 | $\begin{aligned} & -22,4 \\ & +65,8 \end{aligned}$ | $\begin{aligned} & +52,1 \\ & +61,5 \end{aligned}$ |
| - Other non-metallic mineral <br> products <br> Full-time employees................ <br> Part-time employees................ | $\begin{array}{r} 13,7 \\ 0,8 \end{array}$ | $\begin{array}{r} 15,1 \\ 5,2 \end{array}$ | $\begin{array}{r} 16,1 \\ 0,0 \end{array}$ | $\begin{array}{r} +6,6 \\ -100,0 \end{array}$ | $\begin{array}{r} +17,5 \\ -100,0 \end{array}$ |
| - Basic metals, fabricated metal products, machinery and equipment and office, accounting and computing machinery <br> Full-time employees................ <br> Part-time employees................. | 13,5 11,4 | 20,2 8,6 | 15,4 8,2 | $-23,8$ $-4,7$ | $\begin{aligned} & +14,1 \\ & -28,1 \end{aligned}$ |
| ```- Electrical machinery and apparatus n.e.c. Full-time employees............... Part-time employees...............``` | $\begin{array}{r} 9,7 \\ 12,9 \end{array}$ | $\begin{aligned} & 12,3 \\ & 15,5 \end{aligned}$ | 6,8 2,0 | $\begin{aligned} & -44,7 \\ & -87,1 \end{aligned}$ | $\begin{aligned} & -29,9 \\ & -84,5 \end{aligned}$ |
| - Radio, television and communication equipment and apparatus and medical, precision and optical instruments, watches and clocks Full-time employees................ Part-time employees................. | $\begin{aligned} & 1,8 \\ & 1,5 \end{aligned}$ | $\begin{aligned} & 7,9 * \\ & 3,2 * \end{aligned}$ | 4,3 0,3 | $\begin{aligned} & -45,6 \\ & -90,6 \end{aligned}$ | $\begin{array}{r} +138,9 \\ -80,0 \end{array}$ |
| - Transport equipment <br> Full-time employees................ <br> Part-time employees................. | $\begin{aligned} & 6,7 \\ & 1,0 \end{aligned}$ | $\begin{array}{r} 12,8 \\ 0,2 \end{array}$ | $\begin{array}{r} 13,3 \\ 0,0 \end{array}$ | $\begin{array}{r} +3,9 \\ -100,0 \end{array}$ | $\begin{array}{r} +98,5 \\ -100,0 \end{array}$ |
| - Furniture, manufacturing n.e.c. <br> and recycling <br> Full-time employees................ <br> Part-time employees. | $\begin{aligned} & 4,8 \\ & 2,6 \end{aligned}$ | $\begin{gathered} 6,5 \\ 13,4 * \end{gathered}$ | $\begin{array}{r} 7,6 \\ 13,7 \end{array}$ | $\begin{array}{r} +16,9 \\ +2,2 \end{array}$ | $\begin{array}{r} +58,3 \\ +426,9 \end{array}$ |
| - Total manufacturing <br> Full-time employees................ <br> Part-time employees................. | $\begin{array}{r} 10,3 \\ 4,5 \end{array}$ | $\begin{gathered} 14,5 \\ 7,2 * \end{gathered}$ | $\begin{array}{r} 13,3 \\ 6,4 \end{array}$ | $\begin{array}{r} -8,3 \\ -11,1 \end{array}$ | $\begin{aligned} & +29,1 \\ & +42,2 \end{aligned}$ |

Table 6 - Average monthly overtime hours paid for per employee according to industry and type of employee

| ```Industry and type of employee``` | Aug 2001 <br> (Number) | May 2002 <br> (Number) | Aug 2002 <br> (Number) | \% change between May 2002 and Aug 2002 | \% change between Aug 2001 and Aug 2002 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Electricity, gas and water supply Full-time employees. Part-time employees $\qquad$ | 8,4 0,0 | $\begin{array}{r} 10,9 \\ 0,0 \end{array}$ | 9,4 3,1 | -13,8 | +11,9 |
| Construction Full-time employees........... Part-time employees........... | 9,3 17,3 | $\begin{gathered} 11,0 * \\ 5,7 \end{gathered}$ | $\begin{array}{r} 10,9 \\ 9,6 \end{array}$ | $\begin{array}{r} -0,9 \\ +68,4 \end{array}$ | $\begin{aligned} & +17,2 \\ & -44,5 \end{aligned}$ |
| Wholesale, retail and motor trade and hotels <br> Full-time employees.............. <br> Part-time employees............... | $\begin{array}{r} 4,5 \\ 10,3 \end{array}$ | $\begin{array}{r} 6,5 * \\ 10,1 * \end{array}$ | $\begin{aligned} & 4,7 \\ & 9,1 \end{aligned}$ | $\begin{array}{r} -27,7 \\ -9,9 \end{array}$ | $\begin{array}{r} +4,4 \\ -11,7 \end{array}$ |
| Transport, storage and communication: <br> - Governmental institutions <br> Full-time employees...... <br> Part-time employees...... | 14,9 3,8 | 15,0 3,8 | $\begin{array}{r} 13,7 \\ 3,7 \end{array}$ | $-8,7$ $-2,6$ | $\begin{aligned} & -8,1 \\ & -2,6 \end{aligned}$ |
| - Non-governmental institutions Full-time employees. $\qquad$ Part-time employees........... | 15,8 3,1 | 21,5 4,9 | 18,4 3,5 | $-14,4$ $-28,6$ | $\begin{aligned} & +16,5 \\ & +12,9 \end{aligned}$ |
| - Total transport, storage and communication <br> Full-time employees......... <br> Part-time employees......... | 15,2 3,3 | 17,0 4,6 | 15,2 3,5 | $\begin{aligned} & -10,6 \\ & -23,9 \end{aligned}$ | $\begin{aligned} & -0,0 \\ & +6,1 \end{aligned}$ |
| Financial institutions Full-time employees........... Part-time employees........... | 2,5 0,4 | 1,8 0,2 | 1,7 0,2 | $-5,6$ $-0,0$ | $-32,0$ $-50,0$ |
| Community, social and personal services: <br> - National departments <br> Full-time employees......... <br> Part-time employees......... | 5,2 0,0 | 5,0 0,0 | 3,4 0,0 | -32,0 | -34,6 |
| - Provincial administrations Full-time employees....... Part-time employees....... | 0,9 0,0 | 1,0 0,0 | 0,9 0,0 | -10,0 | -0,0 |
| - Local governments Full-time employees.. Part-time employees.. | 4,5 2,8 | 6,0 3,1 | 6,7 2,2 | $+11,7$ $-29,0$ | $+48,9$ $-21,4$ |
| - Other government institutions Full-time employees.......... Part-time employees........... | 1,5 0,1 | $\begin{aligned} & 2,8 \\ & 0,4 \end{aligned}$ | $\begin{aligned} & 5,5 \\ & 0,6 \end{aligned}$ | $\begin{aligned} & +96,4 \\ & +50,0 \end{aligned}$ | $\begin{array}{r} +266,7 \\ +500,0 \end{array}$ |
| - Total government sector Full-time employees.......... Part-time employees........... | 2,5 0,1 | 2,8 0,1 | 2,7 0,1 | $-3,6$ $-0,0$ | $+8,0$ $-0,0$ |
| - Laundries and dry-cleaning <br> services <br> Full-time employees........... <br> Part-time employees........... | 4,3 0,0 | $\begin{aligned} & 5,1 * \\ & 0,0 \end{aligned}$ | $\begin{aligned} & 4,8 \\ & 0,0 \end{aligned}$ | $-5,9$ .. | +11,6 |
| - Total community, social and personal services <br> Full-time employees........... <br> Part-time employees. | $\begin{aligned} & 2,5 \\ & 0,1 \end{aligned}$ | $\begin{aligned} & 2,8 \\ & 0,1 \end{aligned}$ | $\begin{aligned} & 2,7 \\ & 0,1 \end{aligned}$ | $\begin{aligned} & -3,6 \\ & -0,0 \end{aligned}$ | $\begin{aligned} & +8,0 \\ & -0,0 \end{aligned}$ |
| Total (all industries) <br> Full-time employees. <br> Part-time employees <br> . . . . . . . | $\begin{aligned} & 5,8 \\ & 6,0 \end{aligned}$ | $\begin{aligned} & 7,7 \\ & 6,6 * \end{aligned}$ | $\begin{aligned} & 6,9 \\ & 6,0 \end{aligned}$ | $\begin{array}{r} -10,4 \\ -9,1 \end{array}$ | $\begin{array}{r} +19,0 \\ -0,0 \end{array}$ |

Note: All figures are subject to change.

## * Revised.

Table 7 - Total number of vacancies as on the last day of the month according to industry

| Industry | Aug 2001 <br> (Number) | May 2002 <br> (Number) | Aug 2002 <br> (Number) | \% change between May 2002 and <br> Aug 2002 | \% change between Aug 2001 and <br> Aug 2002 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Mining and quarrying | . | . | . | . |  |
| Manufacturing | 767 | 981 | 818 | $-16,6$ | +6,6 |
| Electricity, gas and water supply | 172 | 488 | 1 | -99,8 | -99,4 |
| Construction | 31 | 21 | 5 | -76,2 | -83,9 |
| Wholesale, retail and motor trade and hotels | 1096 | 1461 | 833 | -43,0 | -24,0 |
| Transport, storage and communication: <br> - Governmental institutions | 66 | 15421 | 23640 | +53,3 | 35718,2 |
| - Non-governmental institutions | 312 | 272 | 1323 | +386,4 | +324,0 |
| - Total transport, storage and communication | 378 | 15693 | 24963 | +59,1 | +6504,0 |
| Financial institutions | 2433 | 2636 | 4172 | +58, 3 | +71,5 |
| Community, social and personal services: <br> - National departments | 36311 | 48290 | 52749 | +9, 2 | +45,3 |
| - Provincial administrations | 292019 | 243788 | 232431 | -4,7 | -20,4 |
| - Local governments | 7094 | 18122 | 22548 | +24,4 | +217, 8 |
| - Other government institutions | 4701 | 4915 | 3966 | -19,3 | -15,6 |
| - Total government sector | 340125 | 315115 | 311694 | -1,1 | -8,4 |
| - Laundries and dry-cleaning services | 40 | 4 | 0 | -100,0 | -100,0 |
| - Total | 340165 | 315119 | 311694 | -1,1 | -8,4 |
| Total (all industries) | 345042 | 336399 | 342486 | +1, 8 | -0, 7 |

Note: All figures are subject to change.

## Additional information

## Explanatory notes

Introduction 1 This publication contains results of the quarterly Survey of Average Monthly Earnings in selected industries (AME) which was conducted in August 2002. The survey is designed to obtain information regarding -

- total 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;
- total ordinary-time hours worked and paid for by full-time and part-time employees during the reference month;
- total overtime hours worked and paid for by full-time and part-time employees during the reference month;
- total basic salaries and wages paid to full-time and part-time employees for the reference month;
- total performance and other bonuses paid to full-time and part-time employees for the reference month;
- total overtime paid to full-time and part-time employees for the reference month; and
- total number of vacancies as at the end of the reference month.

2 This survey together with the Survey of Employment and Earnings in selected industries replaces the previous discrete labour surveys.

Scope of the 3 All employees (wage and salary earners) in the mining and quarrying, survey manufacturing, construction, electricity, gas and water supply, wholesale trade, retail trade and 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 This publication presents information classified by industry. Each statistical unit is classified to an industry that reflects the predominant activity of the enterprise or establishment. 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 to report on this basis.

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

## Statistical unit

Survey methodology and design

6 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.

7 An enterprise is a legal entity consisting of one or more establishments including the head office, excluding holding or subsidiary companies. An establishment is the smallest economic unit that functions as a separate entity. Each statistical unit is classified to an industry: see paragraphs 5 and 6 for more information regarding classification by industry.

8 This survey is collected by mail from a sample of approximately 8500 employer units. Information regarding Government departments and Provincial administrations is collected electronically from PERSAL.

9 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

10 The measure of size for the manufacturing, construction, electricity, gas and water supply, 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.

11 Large size units and units in the government sector (excluding local governments), and in the financial institutions industry are completely enumerated. The sample is selected independently for each stratum using systematic sampling.

12 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.

Reliability of estimates

13 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 enterprises and establishments in South Africa.

14 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 error to a minimum by careful designing of the questionnaire, pilot studies, editing of data and efficient operating procedures.

| Historical <br> series | 15 | Data were previously published in the following statistical releases: |
| :--- | :---: | :--- |

## Technical notes

Response rates The response rates per industry for August 2002 are provided in table A.
Table A - Response rates

| Industry | $\%$ <br> response |
| :--- | :---: |
| Manufacturing | 73,8 |
| Electricity, gas and water supply | 84,2 |
| Construction | 66,4 |
| Wholesale trade, retail trade, motor trade and hotels | 75,3 |
| Measured component of transport, storage and communication | 72,5 |
| Measured component of financial institutions | 77,2 |
| Measured component of community, social and personal services | 78,1 |
| Total response rate of all selected industries | $\mathbf{7 3 , 6}$ |

## Glossary

## Annual percentage change

## Average monthly ordinarytime hours paid for full-time and part-time employees <br> Average monthly overtime hours paid for full-time or part-time employees

Average monthly salaries and wages at constant 2000 prices

Average monthly salaries and
wages at current prices wages at current prices

## Basic salaries and wages

## Benchmarking

## Casual employees

## Enterprises (firms)

## Establishments (branches)

An annual percentage change is the change in the average monthly salaries and wages of the given quarter compared with the average monthly salaries and wages of the same quarter of the previous year expressed as a percentage.

Average monthly ordinary-time hours paid for full-time or part-time employees are calculated by dividing the total ordinary-time hours paid for by the number of full-time or part-time employees.

Average monthly overtime hours paid for full-time or part-time employees are calculated by dividing the total overtime hours paid for by the number of full-time or part-time employees.

Average monthly salaries and wages at constant 2000 prices measure change in average salaries and wages after the direct effects of inflation have been eliminated. The deflator used to devalue the current average salaries and wages is the consumer price index $(2000=100)$.

Average monthly salaries and wages at current prices are calculated by dividing the total gross salaries and wages (including performance and other bonuses and overtime payments and excluding severance, termination and redundancy payments) for the reference month by the number of employees as at the end of the reference month.

Basic salaries and wages are payments for ordinary-time, standard or agreed hours worked during the reference period for all permanent, temporary, casual, executive and managerial employees, before taxation and other deductions.

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.

Casual employees are employees who fall neither within the 'permanent employee' category nor within that of a 'temporary employee". Such employees are typically paid daily or hourly. Employers can dispense with their services at very short notice, usually not exceeding a period of one week. Casual employees are not entitled to benefits such as paid leave and medical aid contributions paid by employers.

Enterprises (firms) are legal entities consisting of one or more establishments (branches) including head offices, but excluding holding and/or subsidiary companies.

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.

| Full-time employees | Full-time employees are those permanent, temporary and casual <br> employees who normally work the agreed number of hours for a <br> full-time employee in their particular occupation or, if the agreed <br> number of hours does not apply, who normally work 35 hours or <br> more per week. |
| :--- | :--- |
| Full-time equivalent employees | Full-time equivalent employees are calculated by converting the <br> part-time employees of each respondent to full-time equivalent <br> employees. The number of part-time employees of each respondent <br> is multiplied by the ordinary-time hours paid for per month per |
| person to part-time employees, divided by the number of ordinary- |  |
| time hours paid for per month per person to full-time employees. |  |
| The number of full-time equivalent employees is then added to the |  |
| full-time employees of each respondent. |  |

## Performance and other

 bonusesQuarterly percentage change

Reference month/period

## Temporary employees

Vacancies

Performance and other bonuses cover seasonal, end-of-year and onetime bonuses and additional payments supplementary to normal pay.

Performance and other bonuses include profit sharing bonuses, merit bonuses, incentive bonuses, total amounts of payments that were paid in the reference period but relate to other pay periods, e.g. annual leave, thirteenth cheque, severance, termination, redundancy and leave gratuity payments. Performance and other bonuses exclude reimbursements for expenses incurred whilst conducting employer's business.

Permanent employees are employees appointed on an open-ended contract with no stipulated termination date, and who are entitled to benefits such as paid leave and medical aid contributions paid by employers.

A quarterly percentage change is the change in the average monthly salaries and wages of the given quarter compared with the average monthly salaries and wages of the previous quarter expressed as a percentage.

Reference month/period for the survey refers to the months/periods during which information is gathered. For this survey the reference months/periods are February, May, August and November.

Temporary employees are employees appointed on a short-term contract basis for periods normally not exceeding one year. Such contract would typically stipulate a termination date, but could be renewed by mutual agreement between the employer and the employee.

Vacancies are available funded positions/jobs for immediate filling on the survey reference date and for which recruitment action has been taken. Recruitment action includes efforts to fill vacancies by advertising, contacting trade unions and interviewing or selecting applicants already registered with the enterprise/organisation.

## For more information

Stats SA publishes approximately 300 different releases each year. It is not economically viable to produce them in more than one of South Africa's eleven official languages. Since the releases are used extensively, not only locally but also by international economic and social-scientific communities, Stats SA releases are published in English only.

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