## Labour force, Employment and Unemployment - Second Quarter 2006

## 1. Introduction

This issue of Economic and Social Indicators presents a set of estimates of labour force, employment and unemployment for the second quarter of 2006, based on the results of the Continuous Multi-Purpose Household Survey (CMPHS) from April to June 2006. For comparison purposes, the estimates for the corresponding quarter of 2005 are also presented.

As from 2004, the Central Statistics Office (CSO) is using the CMPHS for the measurement of quarterly labour force, employment and unemployment. The methodology of the CMPHS and the definition of terms used are given at Annex I. Annex II shows a series of comparable annual estimates of labour force, employment and unemployment for the period 2000 to 2006. The estimates for 2006 are provisional.

It is to be noted that all estimates in this report are subject to sampling error that tends to be relatively large when the sample numbers are small.

For 2005, the survey was carried out every month and the survey reference week was the last week of the month. For the 2006 round, the reference week has been changed to the second week of the month so that estimates can be published within one quarter of the reference period, as required by the IMF Special Data Dissemination System (SDDS) to which the country expects to graduate by 2007.

## 2. Main findings

(i) The number of employed persons for the second quarter of 2006 was estimated at 492,200 and the number of unemployed at 54,000 . Labour force thus worked out to 546,200 . Comparative figures for the corresponding quarter of 2005 were: 482,700 employed, 56,100 unemployed and a labour force of 538,800.
(ii) The unemployment rate for the second quarter of 2006 was $9.9 \%$ compared to $9.3 \%$ at the previous quarter and $10.4 \%$ at the corresponding quarter of 2005. Based on data collected for the second quarter of 2006 and trends for past years, it is expected that unemployment rate for the year 2006 will be $9.4 \%$, down from $9.6 \%$ in 2005.

Unemployment rate is influenced by seasonal factors. It is usually higher in the first half of the year because of school leavers joining the labour market, and lower in the second half with more casual jobs being available mainly in the trade sector (street vendors, salespersons in shops, etc.) at the end of the year. Based on the quarterly data for the period first quarter 2001 to second quarter 2006, seasonally adjusted unemployment rates have been calculated and are presented in Table 1 and Chart 1.
Table 1 - Actual and seasonally adjusted quarterly unemployment rates, $\mathbf{Q}_{1} 2004$ - $\mathbf{Q}_{2} 2006$

| Unemployment <br> rate (\%) | 1st <br> $\mathbf{Q r}$ |  |  |  | 2nd <br> $\mathbf{Q r}$ | 3rd <br> $\mathbf{Q r}$ | 4th <br> Qr | Mid <br> year | 1st <br> $\mathbf{Q r}$ | 2nd <br> Qr | 3rd <br> $\mathbf{Q r}$ | 4th <br> $\mathbf{Q r}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | year | 1st <br> $\mathbf{Q r}$ | 2nd <br> $\mathbf{Q r}$ |  |  |  |  |  |  |  |  |  |
| Actual | 8.7 | 9.2 | 8.3 | 7.6 | $\mathbf{8 . 5}$ | 9.6 | 10.4 | 9.2 | 8.9 | $\mathbf{9 . 6}$ | 9.3 | 9.9 |
| Seasonally <br> adjusted | 8.0 | 8.5 | 8.8 | 8.4 | $\mathbf{8 . 5}$ | 8.9 | 9.7 | 9.7 | 9.8 | $\mathbf{9 . 6}$ | 8.6 | 9.2 |

The seasonally adjusted unemployment rate for the second quarter of 2006 works out to $9.2 \%$ compared to $8.6 \%$ at the previous quarter and $9.7 \%$ at the second quarter of 2005.

Chart 1 - Actual and seasonally adjusted unemployment rates, $Q_{1} 2004$ - $Q_{2} 2006$


## 3. Characteristics of the unemployed

The main characteristics of the unemployed at the second quarter of 2006 were:

- The 54,000 unemployed comprised 20,900 males (39\%) and 33,100 females (61\%).
- Around 20,900 or nearly $40 \%$ of the unemployed were below 25 years. Half $(10,500)$ of the unemployed males and nearly one third $(10,400)$ of the unemployed females were below 25 years.
- Around 23,600 ( $44 \%$ ) unemployed were single. Among males, the majority ( 15,100 or $72 \%$ ) was single while among females, the majority ( 24,600 or $75 \%$ ) was ever married (including widowed, divorced or separated).
- Some 15,200 or $28 \%$ had not passed the Certificate of Primary Education (CPE) examination or equivalent and a further 22,900 (42\%) did not have the Cambridge School Certificate (SC) or equivalent.
- Around 36,600 (69\%) had been looking for work for up to one year and the remaining 17,400 (31\%) for more than one year.
- About 37,100 (69\%) had working experience and 16,900 (31\%) were looking for a job for the first time.
- Around 22,400 (41\%) were registered at the Employment Service.
- There were 8,700 (16\%) young persons aged 15 to 24 years, not yet married and looking for a first job. Some 4,400 (50\%) of them had not passed SC.
- Ever married (including widowed, divorced or separated) unemployed persons aged 25 to 44 years and having worked before numbered 17,300. Among them 13,700 (79\%) had not passed SC.
- 5,500 or $10 \%$ of the unemployed were heads of households.
- 7,300 (13\%) lived in households with no employed persons.


## 4. Activity status of the population aged 15 years and over

Among the 935,400 persons aged 15 years and over, in the second quarter of 2006, 546,200 or $58 \%$ were active, with 492,200 (52\%) having a job and 54,000 (6\%) unemployed. The remaining 389,200 ( $42 \%$ ) persons were inactive. The estimates for the corresponding quarter of 2005 were 482,700 (52\%) employed, 56,100 (6\%) unemployed and 387,200 (42\%) inactive persons.

Standard errors and confidence intervals have been calculated for the main labour force estimates and are shown in Table 2 below.

Table 2 - Estimated labour force, employment, unemployment and inactive population by sex, 2nd quarter 2005 \& 2006

|  | 2nd Quarter 2005 |  |  |  | 2nd Quarter 2006 |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Estimates | Standard Error | 95\% ConfidenceInterval |  | Estimates | $\begin{gathered} \text { Standard } \\ \text { Error } \end{gathered}$ | 95\% Confidence Interval <br> Interval |  |
|  |  |  | Lower Limit | Upper <br> Limit |  |  | Lower <br> Limit | Upper Limit |
| Labour Force |  |  |  |  |  |  |  |  |
| Both Sexes | 538,800 | 9,100 | 520,900 | 556,700 | 546,200 | 8,600 | 529,400 | 563,000 |
| Male | 347,800 | 5,500 | 337,000 | 358,600 | 350,800 | 6,100 | 338,800 | 362,800 |
| Female | 191,000 | 6,100 | 178,900 | 203,000 | 195,400 | 4,900 | 185,700 | 205,100 |
| Employment |  |  |  |  |  |  |  |  |
| Both Sexes | 482,700 | 8,100 | 466,700 | 498,700 | 492,200 | 7,800 | 476,900 | 507,500 |
| Male | 324,900 | 5,000 | 315,000 | 334,800 | 329,900 | 5,700 | 318,700 | 341,000 |
| Female | 157,800 | 5,500 | 146,900 | 168,600 | 162,300 | 4,600 | 153,300 | 171,400 |
| Unemployment |  |  |  |  |  |  |  |  |
| Both Sexes | 56,100 | 3,300 | 49,700 | 62,600 | 54,000 | 3,100 | 47,900 | 60,100 |
| Male | 22,900 | 2,000 | 19,000 | 26,800 | 20,900 | 1,800 | 17,500 | 24,400 |
| Female | 33,200 | 2,300 | 28,700 | 37,700 | 33,100 | 2,200 | 28,800 | 37,400 |
| Inactive Population |  |  |  |  |  |  |  |  |
| Both Sexes | 387,200 | 9,800 | 367,900 | 406,600 | 389,200 | 7,900 | 373,600 | 404,800 |
| Male | 108,000 | 4,900 | 98,400 | 117,600 | 109,500 | 3,800 | 102,100 | 117,000 |
| Female | 279,200 | 6,700 | 266,100 | 292,300 | 279,700 | 6,200 | 267,400 | 291,900 |
| Activity rate (\%) |  |  |  |  |  |  |  |  |
| Both Sexes | 58.2 | 0.9 | 56.4 | 60.0 | 58.4 | 0.7 | 57.0 | 59.7 |
| Male | 76.3 | 0.9 | 74.5 | 78.1 | 76.2 | 0.8 | 74.7 | 77.7 |
| Female | 40.6 | 1.2 | 38.2 | 43.1 | 41.1 | 1.0 | 39.2 | 43.1 |
| Unemployment rate (\%) |  |  |  |  |  |  |  |  |
| Both Sexes | 10.4 | 0.5 | 9.3 | 11.5 | 9.9 | 0.5 | 8.9 | 10.9 |
| Male | 6.6 | 0.5 | 5.5 | 7.6 | 6.0 | 0.5 | 5.0 | 6.9 |
| Female | 17.4 | 1.1 | 15.3 | 19.5 | 16.9 | 1.0 | 14.9 | 19.0 |

Table 3 shows quarterly and annual estimates of labour force, employment and unemployment for 2004, 2005 and 2006.

Table 3-Quarterly estimates of labour force, employment, unemployment and inactive population by sex, 2004-2006

|  | $\begin{aligned} & \text { Year } \\ & 2004 \end{aligned}$ | 1st Quarter 2005 2005 | 2nd Quarter 2005 | 3rd Quarter 2005 | $\begin{gathered} \text { 4th } \\ \text { Quarter } \\ 2005 \\ \hline \end{gathered}$ | $\begin{aligned} & \text { Year } \\ & 2005 \end{aligned}$ | 1st Quarter 2006 2006 | 2nd Quarter 2006 2006 | $\begin{gathered} \text { Year } \\ 2006{ }^{1} \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Both Sexes | 532,100 | 537,300 | 538,800 | 549,000 | 546,000 | 542,500 | 546,700 | 546,200 | 549,000 |
| Male | 348,200 | 347,900 | 347,800 | 351,500 | 350,800 | 349,400 | 351,400 | 350,800 | 352,400 |
| Female | 183,900 | 189,400 | 191,000 | 197,500 | 195,200 | 193,100 | 195,300 | 195,400 | 196,600 |
| Employment |  |  |  |  |  |  |  |  |  |
| Both Sexes | 487,000 | 485,800 | 482,700 | 498,700 | 497,500 | 490,400 | 496,100 | 492,200 | 497,500 |
| Male | 327,900 | 326,500 | 324,900 | 333,400 | 332,600 | 329,100 | 332,400 | 329,900 | 333,400 |
| Female | 159,100 | 159,300 | 157,800 | 165,300 | 164,900 | 161,300 | 163,700 | 162,300 | 164,100 |
| Unemployment |  |  |  |  |  |  |  |  |  |
| Both Sexes | 45,100 | 51,500 | 56,100 | 50,300 | 48,500 | 52,100 | 50,600 | 54,000 | 51,500 |
| Male | 20,300 | 21,400 | 22,900 | 18,100 | 18,200 | 20,300 | 19,000 | 20,900 | 19,000 |
| Female | 24,800 | 30,100 | 33,200 | 32,200 | 30,300 | 31,800 | 31,600 | 33,100 | 32,500 |
| Inactive Population |  |  |  |  |  |  |  |  |  |
| Both Sexes | 381,500 | 385,200 | 387,200 | 380,600 | 386,400 | 383,700 | 387,100 | 389,200 | 386,400 |
| Male | 101,600 | 106,100 | 108,000 | 106,000 | 108,100 | 106,500 | 108,200 | 109,500 | 107,900 |
| Female | 279,900 | 279,100 | 279,200 | 274,600 | 278,300 | 277,200 | 278,900 | 279,700 | 278,500 |
| Activity rate (\%) |  |  |  |  |  |  |  |  |  |
| Both Sexes | 58.2 | 58.2 | 58.2 | 59.1 | 58.6 | 58.6 | 58.5 | 58.4 | 58.7 |
| Male | 77.4 | 76.6 | 76.3 | 76.8 | 76.4 | 76.6 | 76.5 | 76.2 | 76.6 |
| Female | 39.7 | 40.4 | 40.6 | 41.8 | 41.2 | 41.1 | 41.2 | 41.1 | 41.3 |
| Unemployment rate (\%) |  |  |  |  |  |  |  |  |  |
| Both Sexes | 8.5 | 9.6 | 10.4 | 9.2 | 8.9 | 9.6 | 9.3 | 9.9 | 9.4 |
| Male | 5.8 | 6.2 | 6.6 | 5.1 | 5.2 | 5.8 | 5.4 | 6.0 | 5.4 |
| Female | 13.5 | 15.9 | 17.4 | 16.3 | 15.5 | 16.5 | 16.2 | 16.9 | 16.5 |

[^0]Note: Quarterly estimates of labour force, employment, unemployment and inactive population for year 2004 are given at Annex III

## 5. Employment

The number of employed persons during the second quarter of 2006 was estimated at 492,200 with 329,900 males and 162,300 females. Employment sex ratio works out to approximately 2 males to 1 female.

### 5.1 Employment by industrial sector

As shown in Table 4, during the second quarter of 2006, the primary sector comprising agriculture, and mining \& quarrying, provided jobs to about $10 \%$ of the working population. The secondary sector, which includes manufacturing, electricity \& water and construction, employed another $31 \%$, and the tertiary sector, which covers trade, hotels \& restaurants, transport and all the other service industries, the remaining 59\%.

Table 4 - Percentage distribution of the employed population by industrial sector and sex, 2nd quarter 2005 \& 2006


### 5.2 Employment by occupation

During the second quarter of 2006, $36 \%$ of the working population were either employed as "skilled agricultural and fishery workers or craft and related trade workers; plant and machine operators and assemblers". Workers engaged in "elementary occupations" and "service workers and shop and market sales workers" accounted for $21 \%$ and $18 \%$ of the workforce respectively. The remaining consisted of "legislators, senior officials and managers; professionals; technicians and associate professionals" (15\%) and "clerks" (9\%).

Analysis by sex shows that $44 \%$ of males were employed as "skilled agricultural workers and fishery workers; craft and related trades workers; plant and machine operators and assemblers"
compared to only $22 \%$ among females. On the other hand, $17 \%$ of females were engaged in clerical duties compared to $6 \%$ males.

Table 5 - Percentage distribution of the employed population by occupation group and sex, 2nd quarter 2005 \& 2006

| $\begin{array}{\|c} \text { ISCO }^{1} \\ \text { Major } \\ \text { occupational } \\ \text { group } \end{array}$ | Occupation group | 2nd quarter 2005 |  |  | 2nd quarter 2006 |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Both Sexes (\%) | Male <br> (\%) | Female <br> (\%) | Both Sexes (\%) | Male <br> (\%) | Female <br> (\%) |
| 1-3 | Legislators, senior officials and managers; professionals; technicians and associate professionals | 15.0 | 13.6 | 17.9 | 15.2 | 13.8 | 18.0 |
| 4 | Clerks | 8.2 | 5.2 | 14.5 | 9.4 | 5.5 | 17.3 |
| 5 | Service workers and shop and market sales workers | 18.5 | 18.1 | 19.3 | 17.8 | 17.0 | 19.4 |
| 6-8 | Skilled agricultural and fishery workers; craft and related trade workers; plant and machine operators and assemblers | 37.4 | 43.9 | 23.7 | 36.4 | 43.7 | 21.5 |
| 9 | Elementary occupations | 20.9 | 19.2 | 24.6 | 21.2 | 20.0 | 23.8 |
|  | Total | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

${ }^{1}$ International Standard Classification of Occupations

### 5.3 Employment status

Table 6 - Percentage distribution of the employed population by employment status and sex, 2nd quarter 2005 \& 2006

| Employment status | 2nd quarter 2005 |  |  | 2nd quarter 2006 |  |  |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: |
|  | Both <br> Sexes <br> (\%) | Male <br> $(\%)$ | Female <br> $(\%)$ | Both <br> (\%eses <br> $(\%)$ | Male <br> $(\%)$ | Female <br> $(\%)$ |
| Employer | 2.7 | 3.7 | 0.8 | 2.9 | 3.8 | 1.3 |
| Own account worker | 15.1 | 17.5 | 10.3 | 14.2 | 17.0 | 8.5 |
| Employee | 79.8 | 78.1 | 83.0 | 81.1 | 78.6 | 86.0 |
| Contributing family worker | 2.4 | 0.7 | 5.9 | 1.8 | 0.6 | 4.2 |
| Total | $\mathbf{1 0 0 . 0}$ | $\mathbf{1 0 0 . 0}$ | $\mathbf{1 0 0 . 0}$ | $\mathbf{1 0 0 . 0}$ | $\mathbf{1 0 0 . 0}$ | $\mathbf{1 0 0 . 0}$ |

In the second quarter of 2006, the majority or $81 \%$ of workers were employees and the remaining $19 \%$ were working in their own or family enterprises with $17 \%$ as either employers or own account workers and $2 \%$ as contributing family workers (Table 6).

Analysis by sex shows that the proportion of employees was higher among working women ( $86 \%$ ) than among working men (79\%), while the proportion of employers and own account workers was higher among men (21\%) than among women (10\%). On the other hand, contributing family workers constituted about $4 \%$ of working women compared to only one per cent of working men.

### 5.4 Hours of Work

Table 7, on distribution of employment by hours worked, shows that some $4 \%$ of employed persons did not work during the reference week, either because they were sick or on leave. About half (52\%) reported having worked for more than 40 hours. Those workers were mostly in manufacturing enterprises (15\%), followed by wholesale \& retail trade (8\%), construction (5\%), transport (5\%) and hotels \& restaurants (5\%).

The average number of hours worked per week, including overtime but excluding all leaves and lunch time, was 41.3 with men reporting having worked 43.2 hours on average and women, 37.4 hours.

Table 7 - Percentage distribution of the employed population by sex and number of hours worked during the survey reference week, 2nd quarter 2005 \& 2006

| Actual number of <br> hours worked per <br> week | 2nd quarter 2005 |  |  | 2nd quarter 2006 |  |  |
| :---: | ---: | ---: | ---: | ---: | ---: | ---: |
|  | Both <br> Sexes <br> (\%) | Male <br> $\mathbf{( \% )}$ | Female <br> $\mathbf{( \% )}$ | Both <br> Sexes <br> (\%) | Male <br> (\%) | Female <br> $\mathbf{( \% )}$ |
| 0 | 3.7 | 3.7 | 3.8 | 4.3 | 4.5 | 3.8 |
| $1-23$ | 8.8 | 5.7 | 15.2 | 8.9 | 6.3 | 14.2 |
| $24-40$ | 34.1 | 32.1 | 38.0 | 35.1 | 32.7 | 40.0 |
| $41-50$ | 34.4 | 36.5 | 30.0 | 34.4 | 35.9 | 31.3 |
| 51 and above | 19.0 | 22.0 | 13.0 | 17.3 | 20.6 | 10.7 |
| Total | $\mathbf{1 0 0 . 0}$ | $\mathbf{1 0 0 . 0}$ | $\mathbf{1 0 0 . 0}$ | $\mathbf{1 0 0 . 0}$ | $\mathbf{1 0 0 . 0}$ | $\mathbf{1 0 0 . 0}$ |

## 6. Unemployment

The number of unemployed persons in the second quarter of 2006 is estimated at 54,000 comprising 20,900 males and 33,100 females. The unemployment rate, defined as the percentage of unemployed to labour force, works out to $9.9 \%$ ( $6.0 \%$ for males and $16.9 \%$ for females). The $95 \%$ confidence interval for the overall unemployment rate is $8.9 \%$ to $10.9 \%$. The seasonally adjusted rate works out to $9.2 \%$ with the rate being $5.4 \%$ for males and $16.0 \%$ for females.

### 6.1 Age and sex

From Table 8, it is observed that unemployed males were generally younger than unemployed females. Thus, $50 \%$ of the males were under 25 years compared to $32 \%$ for females. On the other hand, $51 \%$ of unemployed females were in the age bracket 25 to 39 years compared to $33 \%$ for males. The mean age of the unemployed works out to 28 years for males and 31 years for females.

Table 8 - Percentage distribution of the unemployed population by age and sex, 2nd quarter 2005 \& 2006

| Age group (years) | 2nd quarter 2005 |  |  | 2nd quarter 2006 |  |  |
| :---: | ---: | ---: | ---: | ---: | ---: | ---: |
|  | Both <br> Sexes <br> $(\%)$ | Male <br> $(\%)$ | Female <br> $(\%)$ | Both <br> Sexes <br> $(\%)$ | Male <br> $(\%)$ | Female <br> $(\%)$ |
|  | 16.5 | 23.9 | 11.4 | 12.9 | 16.5 | 10.6 |
| $20-24$ | 30.6 | 31.4 | 30.0 | 25.9 | 33.7 | 21.0 |
| $25-29$ | 18.2 | 20.1 | 17.0 | 18.1 | 15.7 | 19.5 |
| $30-39$ | 18.3 | 10.0 | 24.0 | 25.6 | 16.8 | 31.2 |
| $40-49$ | 10.8 | 8.3 | 12.5 | 13.1 | 11.6 | 14.0 |
| $50 \&$ over | 5.6 | 6.3 | 5.1 | 4.4 | 5.7 | 3.7 |
| Total | $\mathbf{1 0 0 . 0}$ | $\mathbf{1 0 0 . 0}$ | $\mathbf{1 0 0 . 0}$ | $\mathbf{1 0 0 . 0}$ | $\mathbf{1 0 0 . 0}$ | $\mathbf{1 0 0 . 0}$ |

### 6.2 Marital status

Out of the total number of persons who were unemployed, $44 \%$ were single, $49 \%$ were married and the remaining 7\% were widowed, divorced or separated. Unemployed males were mostly single (72\%). Unemployed females were mostly ever married (74\%), i.e, currently married, widowed, divorced or separated, and 26\% were single (Table 9).

Table 9 - Percentage distribution of the unemployed population by marital status and sex, 2nd quarter 2005 \& 2006

| Marital status | 2nd quarter 2005 |  |  | 2nd quarter 2006 |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Both Sexes <br> (\%) | Male <br> (\%) | Female (\%) | Both Sexes <br> (\%) | Male (\%) | Female (\%) |
| Married | 43.9 | 21.3 | 59.4 | 49.2 | 22.4 | 66.2 |
| Widowed, divorced or separated | 6.5 | 2.5 | 9.2 | 7.2 | 5.4 | 8.3 |
| Single | 49.6 | 76.2 | 31.4 | 43.6 | 72.2 | 25.5 |
| Total | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

### 6.3 Educational attainment

From Table 10, it is observed that in the second quarter of 2006, $28 \%$ of the unemployed had not passed the Certificate of Primary Education (CPE), and a further $42 \%$ did not possess the Cambridge School Certificate (SC). The proportions of unemployed with SC and Higher School Certificate (HSC) were respectively $20 \%$ and $6 \%$. The number of unemployed having studied up to the tertiary level represented nearly $4 \%$.

Table 10 - Percentage distribution of the unemployed population by educational attainment and sex, 2nd quarter 2005 \& 2006

| Educational attainment | 2nd quarter 2005 |  |  | 2nd quarter 2006 |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Both Sexes (\%) | Male (\%) | Female (\%) | Both Sexes (\%) | Male (\%) | Female (\%) |
| Primary | 36.0 | 33.7 | 37.6 | 37.1 | 38.7 | 36.2 |
| Below CPE | 20.2 | 20.4 | 20.1 | 28.1 | 28.2 | 28.1 |
| Passed CPE | 15.8 | 13.3 | 17.5 | 9.0 | 10.5 | 8.1 |
| Secondary | 58.3 | 61.2 | 56.4 | 59.3 | 56.5 | 60.9 |
| Below SC | 33.0 | 34.9 | 31.7 | 33.4 | 36.6 | 31.3 |
| Passed SC | 18.4 | 20.7 | 16.8 | 19.7 | 15.7 | 22.2 |
| Passed HSC | 6.9 | 5.6 | 7.9 | 6.2 | 4.2 | 7.4 |
| Tertiary | 5.7 | 5.1 | 6.0 | 3.6 | 4.8 | 2.9 |
| Total | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

Analysis by sex shows that the proportion of the unemployed having only primary or lower secondary education, that is they had not reached the SC level, was higher for males (75\%) than for females (68\%). The proportion of unemployed having achieved SC was $16 \%$ for males and $22 \%$ for females. Corresponding figures for HSC holders were $4 \%$ and $7 \%$. The proportion of unemployed males with a tertiary qualification was $5 \%$ against $3 \%$ for females.

### 6.4 Duration of unemployment

During the second quarter of 2006, 69\% of the unemployed reported being without a job for up to one year and $31 \%$ for more than one year. Analysis by sex shows that women were unemployed for longer periods than their male counterparts. About $41 \%$ of the unemployed females had been looking for work for more than a year compared to $14 \%$ of males.

Table 11 - Percentage distribution of the unemployed population by duration of unemployment and sex, 2nd quarter 2005 \& 2006

| Duration of unemployment <br> (months) | 2nd quarter 2005 |  |  | 2nd quarter 2006 |  |  |
| :--- | :---: | :---: | :---: | ---: | ---: | ---: |
|  | Both <br> Sexes <br> (\%) | Male <br> $(\%)$ | Female <br> (\%) | Both <br> Sexes <br> (\%) | Male <br> $(\%)$ | Female <br> (\%) |
| Up to 12 | 58.6 | 66.7 | 52.8 | 69.2 | 85.9 | 58.6 |
| $13-24$ | 23.2 | 17.6 | 27.3 | 18.9 | 9.4 | 24.9 |
| More than 24 | 18.2 | 15.7 | 19.9 | 11.9 | 4.7 | 16.5 |
| Total | $\mathbf{1 0 0 . 0}$ | $\mathbf{1 0 0 . 0}$ | $\mathbf{1 0 0 . 0}$ | $\mathbf{1 0 0 . 0}$ | $\mathbf{1 0 0 . 0}$ | $\mathbf{1 0 0 . 0}$ |

### 6.5 Work experience

Around $31 \%$ of the unemployed were first job seekers while the remaining $69 \%$ had work experience. The proportion of males having work experience was $73 \%$ while that for females stood at $66 \%$.

### 6.6 Job search

Table 12 - Percentage distribution of the unemployed population by job search method and sex, 2nd quarter 2005 \& 2006

| Job search method | 2nd quarter 2005 |  |  | 2nd quarter 2006 |  |  |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: |
|  | Both <br> Sexes <br> (\%) | Male <br> (\%) | Female <br> (\%) | Both <br> Sexes <br> (\%) | Male <br> $(\%)$ | Female <br> $(\%)$ |
| Checked at factories, worksites, etc. | 54.0 | 27.8 | 51.3 | 52.3 | 62.7 | 45.7 |
| Applied to prospective employers | 51.2 | 55.2 | 48.4 | 49.6 | 53.2 | 47.3 |
| Registration at Employment Service | 45.7 | 49.2 | 43.3 | 41.4 | 34.2 | 46.0 |
| Sought assistance or advice | 26.8 | 30.6 | 24.0 | 36.7 | 31.9 | 39.7 |
| Placed or answered advertisements | 25.2 | 24.8 | 25.5 | 24.5 | 21.3 | 26.5 |
| Tried to set up own business | 4.4 | 6.4 | 3.0 | 6.4 | 5.5 | 7.0 |

As regards job search, some of the unemployed had recourse to more than one method. As shown in Table 12, during the second quarter of 2006, the most common method of job search was "checked at factories, worksites, etc.", as reported by $52 \%$ of the unemployed, followed by "applied to prospective employers", being reported by $50 \%$ of them. Around $41 \%$ were registered at the Employment Service. Only 6\% of the unemployed had taken steps to start a business of their own.

## 7. Inactive population

The number of persons aged 15 years and over, not forming part of the labour force (inactive population) was estimated at 389,200 (109,500 males and 279,700 females). As given in Table 13, the inactive population comprised 151,200 (39\%) homemakers, 98,400 ( $25 \%$ ) retired or old persons, $89,000(23 \%)$ students, and $30,400(8 \%)$ sick or disabled persons.

Table 13 - Percentage distribution of the inactive population by sex, 2nd quarter 2005 \& 2006

| Activity status | 2nd quarter 2005 |  |  | 2nd quarter 2006 |  |  |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: |
|  | Both <br> Sexes <br> (\%) | Male <br> (\%) | Female <br> (\%) | Both <br> Sexes <br> (\%) | Male <br> (\%) | Female <br> $\mathbf{( \% )}$ |
| Homemakers | 42.0 | 0.6 | 58.0 | 39.0 | 0.2 | 54.2 |
| Retired or old persons | 26.6 | 43.1 | 20.3 | 25.4 | 40.1 | 19.7 |
| Students | 21.5 | 41.2 | 13.9 | 23.0 | 43.8 | 14.9 |
| Sick or disabled persons | 6.2 | 10.2 | 4.7 | 7.9 | 12.6 | 6.0 |
| Other | 3.7 | 4.9 | 3.1 | 4.7 | 3.3 | 5.2 |
| Total | $\mathbf{1 0 0 . 0}$ | $\mathbf{1 0 0 . 0}$ | $\mathbf{1 0 0 . 0}$ | $\mathbf{1 0 0 . 0}$ | $\mathbf{1 0 0 . 0}$ | $\mathbf{1 0 0 . 0}$ |

The inactives also included some 8,500 persons not interested to work, among whom 2,500 were aged 15 to 19 years.

Another 2,000 were classified as inactive although they were not working and were available for work because they were not actively looking for work. Those persons have been classified as inactive and not as unemployed since they do not satisfy all the three criteria for unemployment, i.e. not working, looking for work and available for work. From the survey responses, it is estimated that nearly 1,600 persons either believed that suitable jobs were not available or did not know where to look for work.

An analysis of the inactive population by sex reveals that the male inactives comprised mostly of old, retired, sick or disabled persons (53\%) and students (44\%). The inactive females were mostly homemakers (54\%); old, retired, sick or disabled persons (26\%) and students (15\%).

Central Statistics Office<br>Ministry of Finance and Economic Development<br>PORT LOUIS

September 2006
Contact person: Ms. C Bandinah
(Statistician)
Central Statistics Office
LIC Centre, Port Louis
Tel: 2122316, Fax: 2114150
Email: cso_cmphs@mail.gov.mu

## Methodology of the Continuous Multi-Purpose Household Survey

Data collection Face to face interviewing of household members.
Frequency of data collection Monthly except in 2004 when data collection was carried out every quarter. Up to 2005, the reference period for data on labour force was the last week of the survey month. As from 2006, the reference week has been changed to the second week of the survey

Scope and coverage of collection
Private Mauritian households in the islands of Mauritius and Rodrigues.

Sampling method
Stratified two-stage sampling design. At the first stage, Primary

Sampling Units (PSUs) are selected with probability proportional to
size and at the second stage, a fixed number of households is
selected from each selected PSU. Prior to 2005, the first
The second stage stratification criteria are community, household size and average monthly expenditure of the household.

Sample size

Questionnaire
From 1999 to 2003, around 6,500 households were covered each year. In 2004, the sample was increased to 8,640 so that reliable quarterly estimates of labour force, employment and unemployment could be worked out. As from 2005, the sample for the year has

The CMPHS questionnaire comprises three modules: a basic module common to all rounds of the survey covering the general characteristics of the population, one or more special topic modules dealing with subjects requiring in-depth investigation and a thir

Every year different topics are covered according to users' needs. As from 2004, the CMPHS is also being used as the instrument for the measurement of labour force, employment and unemployment on a quarterly basis; hence, a set of core questions on $t$

Estimation and reliability of results Estimates worked out from household survey data are inevitably subject to sampling variability since they are based on information collected from only a sample of households rather than from all households. The Standard Error (S.E) which is a measure of $t$

## Definition of terms used

## 1. Household

A household is defined as either a person living on his/her own or a group of two or more persons, who may or may not be related, but who live together and make common provision for food and other essentials for living.

## 2. Employment

Employed population consists of Mauritians aged 15 years and above (15+) who have worked for pay, profit or family gain for at least one hour during the reference week of a month. It includes those who are temporarily absent from work for reasons such as leave with pay, leave without pay and temporary disorganization of work (bad weather, break down of equipment, lack of order, etc..).

## 3. Unemployment

Unemployed population comprises all Mauritians aged 15+ who are not working but who are looking for work and are available for work during the reference period.

## 4. Labour force

Labour force or active population is made up of employed and unemployed population.

## 5. Unemployment rate

Unemployment rate is the ratio (\%) of unemployment to that of labour force.

## 6. Inactive population

Inactive population includes all Mauritians aged 15+, not forming part of the labour force for reasons such as attendance at educational institutions, engagement in household duties, retirement, old age and infirmity/disablement.

## 7. Activity rate

Activity rate is the ratio (\%) of labour force to that of population aged $15+$ (active + inactive population).

## 8. Employer

An employer is a person who operates his/her own business or trade and hires one or more employees.

## 9. Own account worker

An Own account worker is a person who operates his/her own business or trade but does not hire employees. He/She may be working alone or with the help of unpaid family members.

## 10. Employee

An Employee is a person who works for pay for someone else, even in a temporary capacity. An Apprentice, who is a person being trained for a job or trade and does not receive pay or may just receive some pocket money is also considered as an employee.

## 11. Contributing family worker

A Contributing family worker is a person who works without pay in an enterprise operated by a family member.

## 12. Educational attainment

Primary: comprises those who have studied up to a "Standard" between standard 1 and the Certificate of Primary Education (CPE) or equivalent.

Secondary: comprises those who have studied up to a "Form" between Form 1 and the Higher School Certificate (HSC) or equivalent.

Tertiary: comprises those who above their secondary certificates (SC and HSC or equvalent) also possess either a diploma/certificate, which is above the HSC but below a first degree, or a degree.

Labour force, Employment and Unemployment, 15 years and over, 2000-2006
('000)

| Year | Labour force |  |  | Employment (including foreign workers) ${ }^{1}$ |  |  | Unemployment |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Mauritian | Foreign workers | Total | in large establishments $^{2}$ | outside large establishments | Total | Number | Rate ${ }^{3}$ |
| Both sexes |  |  |  |  |  |  |  |  |
| 2000 | 505.2 | 14.6 | 519.8 | 298.7 | 187.2 | 485.9 | 33.9 | 6.7 |
| 2001 | 512.5 | 16.5 | 529.0 | 302.0 | 191.6 | 493.6 | 35.4 | 6.9 |
| 2002 | $514.2^{4}$ | 17.0 | 531.2 | 296.2 | 197.6 | 493.8 | 37.4 | 7.3 |
| 2003 | 522.7 | 18.2 | 540.9 | 296.9 | 203.5 | 500.4 | 40.5 | 7.7 |
| 2004 | 532.1 | 17.5 | 549.6 | 293.3 | 211.2 | 504.5 | 45.1 | 8.5 |
| 2005 | 542.5 | 16.6 | 559.1 | 292.2 | 214.8 | 507.0 | 52.1 | 9.6 |
| $2006{ }^{5}$ | 549.0 | 16.7 | 565.7 | 294.1 | 220.1 | 514.2 | 51.5 | 9.4 |
| Male |  |  |  |  |  |  |  |  |
| 2000 | 336.2 | 5.0 | 341.2 | 187.5 | 135.7 | 323.2 | 18.0 | 5.4 |
| 2001 | 339.5 | 5.8 | 345.3 | 188.3 | 138.1 | 326.4 | 18.9 | 5.6 |
| 2002 | $340.5^{4}$ | 6.4 | 346.9 | 188.2 | 140.4 | 328.6 | 18.3 | 5.4 |
| 2003 | 344.2 | 7.9 | 352.1 | 188.2 | 144.2 | 332.4 | 19.7 | 5.7 |
| 2004 | 348.2 | 9.0 | 357.2 | 189.1 | 147.8 | 336.9 | 20.3 | 5.8 |
| 2005 | 349.4 | 9.1 | 358.5 | 189.3 | 148.9 | 338.2 | 20.3 | 5.8 |
| $2006{ }^{5}$ | 352.4 | 8.3 | 360.7 | 189.1 | 152.6 | 341.7 | 19.0 | 5.4 |
| Female |  |  |  |  |  |  |  |  |
| 2000 | 169.0 | 9.6 | 178.6 | 111.2 | 51.5 | 162.7 | 15.9 | 9.4 |
| 2001 | 173.0 | 10.7 | 183.7 | 113.7 | 53.5 | 167.2 | 16.5 | 9.5 |
| 2002 | $173.7^{4}$ | 10.6 | 184.3 | 109.0 | 56.2 | 165.2 | 19.1 | 11.0 |
| 2003 | 178.5 | 10.3 | 188.8 | 108.7 | 59.3 | 168.0 | 20.8 | 11.7 |
| 2004 | 183.9 | 8.5 | 192.4 | 104.2 | 63.4 | 167.6 | 24.8 | 13.5 |
| 2005 | 193.1 | 7.5 | 200.6 | 102.9 | 65.9 | 168.8 | 31.8 | 16.5 |
| $2006{ }^{5}$ | 196.6 | 8.4 | 205.0 | 105.0 | 67.5 | 172.5 | 32.5 | 16.5 |

${ }^{1}$ Revised
${ }^{2}$ Average of March and September figures
${ }^{3}$ Unemployment as a percentage of Mauritian labour force
${ }^{4}$ The low increase results from the implementation of the Voluntary Retirement
Scheme (VRS) in the sugar industry
${ }^{5}$ Provisional

Quarterly estimates of labour force, employment, unemployment and inactive population by sex, 2004

| Labour Force | 1st <br> Quarter <br> 2004 | 2nd <br> Quarter <br> $\mathbf{2 0 0 4}$ | 3rd <br> Quarter <br> 2004 | 4th <br> Quarter <br> $\mathbf{2 0 0 4}$ | Year <br> $\mathbf{2 0 0 4}$ |
| :---: | ---: | ---: | ---: | ---: | ---: |
| Both Sexes | 541,100 | 540,700 | 526,800 | 523,500 | $\mathbf{5 3 2 , 1 0 0}$ |
| Male | 348,700 | 347,500 | 349,000 | 348,500 | $\mathbf{3 4 8 , 2 0 0}$ |
| Female | 192,400 | 193,200 | 177,800 | 175,000 | $\mathbf{1 8 3 , 9 0 0}$ |
| Employment |  |  |  |  |  |
| Both Sexes | 494,100 | 491,200 | 483,300 | 483,800 | $\mathbf{4 8 7 , 0 0 0}$ |
| Male | 328,400 | 324,600 | 329,800 | 330,100 | $\mathbf{3 2 7 , 9 0 0}$ |
| Female | 165,700 | 166,600 | 153,500 | 153,700 | $\mathbf{1 5 9 , 1 0 0}$ |
| Unemployment |  |  |  |  |  |
| Both Sexes | 47,000 | 49,500 | 43,500 | 39,700 | $\mathbf{4 5 , 1 0 0}$ |
| Male | 20,300 | 22,900 | 19,200 | 18,400 | $\mathbf{2 0 , 3 0 0}$ |
| Female | 26,700 | 26,600 | 24,300 | 21,300 | $\mathbf{2 4 , 8 0 0}$ |
| Inactive Population |  |  |  |  |  |
| Both Sexes | 367,700 | 373,000 | 390,300 | 395,800 | $\mathbf{3 8 1 , 5 0 0}$ |
| Male | 98,800 | 102,400 | 102,500 | 104,000 | $\mathbf{1 0 1 , 6 0 0}$ |
| Female | 268,900 | 270,600 | 287,800 | 291,800 | $\mathbf{2 7 9 , 9 0 0}$ |
| Activity rate (\%) |  |  |  |  |  |
| Both Sexes | 59.6 | 59.2 | 57.4 | 56.9 | $\mathbf{5 8 . 2}$ |
| Male | 78.0 | 77.2 | 77.3 | 77.0 | $\mathbf{7 7 . 4}$ |
| Female | 41.7 | 41.7 | 38.2 | 37.5 | $\mathbf{3 9 . 7}$ |
| Unemployment rate (\%) |  |  |  |  |  |
| Both Sexes | 8.7 | 9.2 | 8.3 | 7.6 | $\mathbf{8 . 5}$ |
| Male | 5.8 | 6.6 | 5.5 | 5.3 | $\mathbf{5 . 8}$ |
| Female | 13.9 | 13.8 | 13.7 | 12.2 | $\mathbf{1 3 . 5}$ |


[^0]:    ${ }^{1}$ Provisional

