Instituta Nacianal de Estatística Statistics Partugal

## Employment Statistics

## $3^{\text {rd }}$ quarter of 2008

## Unemployment rate at $7.7 \%$ in the $3^{\text {rd }}$ quarter of 2008

The unemployment rate estimated for the $3^{\text {rd }}$ quarter of 2008 was $7.7 \%$. This value is down 0.2 percentage points (p.p.) from the same quarter of 2007 and up 0.4 p.p. from the previous quarter. The number of unemployed was estimated to reach 433.7 thousand individuals, having decreased by $2.4 \%$ from the same quarter of the previous year, and increased by $5.8 \%$ from the previous quarter. The number of employed decreased by $0.1 \%$, compared with the same quarter of 2007, and by $0.6 \%$, compared with the previous quarter.

## 1. Labour force (active population)

The Labour Force Survey results for the $3^{\text {rd }}$ quarter of 2008 indicate that the labour force (active population) in Portugal decreased by $0.3 \%$ ( 15.2 thousand individuals), compared with the same quarter of 2007 , and by $0.2 \%$ ( 8.5 thousand), compared with the previous quarter.

The working age population participation rate (aged 15 years old and over) was estimated at $62.5 \%$, in the $3^{\text {rd }}$ quarter of 2008 . This rate decreased by 0.4 p.p. from the $3^{\text {rd }}$ quarter of 2007 , and by 0.2 p.p. from the previous quarter.

The participation rate of working age women stood at $56.3 \%$, while that of men attained $69.3 \%$.

## 2. Employed population

In the $3^{\text {rd }}$ quarter of 2008, the employed population, totalling 5,195.8 thousand individuals, decreased by $0.1 \%$ (corresponding to 4.5 thousand individuals), compared with the same quarter of 2007, and by $0.6 \%$, compared with the previous quarter ( 32.3 thousand).

The following population groups (components) have contributed to the above-mentioned year-on-year decrease:

- The decrease in the employment for men (6.9 thousand individuals). The women's employment, on the contrary, increased slightly ( 2.5 thousand).
- The decrease of 31.2 thousand employed individuals aged 15 to 34 years old, and of 11.9 thousand employed individuals aged 65 years old or over. In turn, the number of individuals employed aged 35 to 64 years old increased by 38.5 thousand individuals.
- The decrease of employed having completed the tertiary level of education and of those having completed the first or second stages of basic education, whose number decreased by 73.3 thousand individuals. In turn, the number of employed having completed the (upper) secondary and post-secondary non-tertiary level of education and the tertiary level of education rose, by 23.3 and 45.5 thousand individuals, respectively.
- The mining and quarrying, manufacturing, electricity, gas and water supply sector, which employed less 74.6 thousand individuals. This decrease was mainly

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accounted by the manufacturing activities (which employed less 54.1 thousand individuals, globally), explaining $72.5 \%$ of total employment decrease in the sector. The agriculture, hunting, forestry, and fishing sector recorded a slight decrease in employment, by 2.8 thousand individuals. On the other hand, the services sector recorded an increase in employment, mainly in the following two activities: education (44.0 thousand), and hotels and restaurants (37.4 thousand).

- Unpaid family workers and other professional status (besides employees and self-employed), whose number decreased by 28.6 thousand individuals. In turn, the number of employees increased by 20.6 thousand individuals. An increase was also recorded in the number of employees with a temporary job ( 23.7 thousand), and in the number of those with a permanent job ( 15.3 thousand). The increase in the number of self-employed workers was smaller. Among them, the number of self-employed without employees decreased ( 5.2 thousand), whereas the number of self-employed with employees increased (8.6 thousand).
- Part-time workers, whose number decreased by 15.1 thousand individuals. The number of full-time workers, on the contrary, increased by 10.6 thousand individuals.

The employment rate (15 years and over) stood at 57.7\% in the $3^{\text {rd }}$ quarter of 2008 . This value was lower than the one recorded in the same quarter of 2007 by 0.3 p.p. and than the one recorded in the previous quarter by 0.4 p.p.. The male employment rate ( $64.8 \%$ ) exceeded that of women (51.2\%) by 13.6 p.p..


## 3. Unemployed population

The unemployed population in Portugal, estimated at 433.7 thousand individuals in the $3^{\text {rd }}$ quarter of 2008, decreased by $2.4 \%$ ( 10.7 thousand individuals) when compared with the $3^{\text {rd }}$ quarter of 2007, and increased by $5.8 \%$ when compared with the previous quarter (23.8 thousand).

The following results have contributed to the year-on-year decrease in the unemployed population:

- The decrease in the number of women unemployed (6.8 thousand individuals). The number of unemployed men decreased also, but its contribution to the overall decrease was smaller ( 3.9 thousand).
- The decrease in unemployment of individuals aged 35 years old or over ( 15.8 thousand). In turn, the number of individuals unemployed aged 15 to 34 years old increased (5.2 thousand).
- The decrease in the number of unemployed individuals having completed an education level corresponding to the first and second stages of basic education, corresponding to 13.8 thousand individuals. In turn, the number of individuals having completed the (upper) secondary and post-secondary non-tertiary level of education remained unchanged,

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and the number of individuals having completed the tertiary level of education increased (4,0 thousand).

- Unemployed seeking a new job, whose number decreased by 11.3 thousand individuals. This evolution was due to the unemployed coming from the three activity sectors: agriculture, hunting, forestry, and fishing (4.5 thousand); mining and quarrying, manufacturing, electricity, gas and water supply, and construction sector (2.2 thousand); and services ( 4.6 thousand). The number of unemployed seeking a first job remained relatively stable.
- Unemployed seeking a job for less than a year, whose decrease stood at 8.9 thousand individuals. The number of unemployed seeking a job for a year or more has also decreased, but less (2.3 thousand).

The unemployment rate was estimated at $7.7 \%$ in the $3^{\text {rd }}$ quarter of 2008. This value is down 0.2 p.p. from the $3^{\text {rd }}$ quarter of 2007, and up 0.4 p.p. from the previous quarter.

The unemployment rate stood at 6.5\% for men (down 0.1 p.p. and up 0.2 p.p. from the $3^{\text {rd }}$ quarter of 2007 and from the previous quarter, respectively) and at $9.1 \%$ for women (down 0.2 p.p. and up 0.7 p.p. from the $3^{\text {rd }}$ quarter of 2007 and from the previous quarter, respectively).


The increase recorded in the unemployment rate, when compared with the previous quarter, resulted from the combination of two effects: the decrease of the employed population (of $0.6 \%$ ) and the decrease of the unemployed population (of $5.8 \%$ ), corresponding to 32.3 thousand and 23.8 thousand individuals, respectively.

The quarterly increase in the unemployed population occurred mainly in the following population groups: women, individuals with 15 to 34 years old, individuals who have completed an education level corresponding to the tertiary level of education, individuals seeking the first or a new job (mainly of those who were formerly employed in the services sector), and unemployed seeking for a job for less than one year.

## 4. Inactive population

In the $3^{\text {rd }}$ quarter of 2008, the inactive population aged 15 years old and over increased by $1.3 \%$, when compared to the same quarter of 2007 , and by $0.5 \%$, when compared the previous quarter (corresponding to 43.3 thousand and 16.4 thousand individuals, respectively).

The inactivity rate (15 and over) reached $37.5 \%$, in the $3^{\text {rd }}$ quarter of 2008 , standing above the $3^{\text {rd }}$ quarter 2007 and the previous quarter values, by 0.4 and 0.2 p.p., respectively. The inactivity rate for men was $30.7 \%$, up 0.5 p.p. from the $3^{\text {rd }}$ quarter 2007 and 0.3 p.p. from the previous quarter. The inactivity rate for women was $43.7 \%$, up 0.3 p.p. from the $3^{\text {rd }}$ quarter 2007 and 0.1 p.p. from the previous quarter.

## 5. Quarterly flows between labour market states

From the $2^{\text {nd }}$ to the $3^{\text {rd }}$ quarter of $2008,1.4 \%$ of the individuals initially employed moved into unemployment and $1.3 \%$ moved into inactivity, with the proportion of employees moving out of this situation totalling $2.7 \%$ in

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the $3^{\text {rd }}$ quarter of 2008 ( $97.3 \%$ remained employed). From the $1^{\text {st }}$ to the $2^{\text {nd }}$ quarter of 2008 , this percentage had been smaller (2.0\%).

## Quarterly flows between labour force states (as a \% of initial state)



The flows out of unemployment between the two quarters were, in relative terms, larger than the flows out of employment. From the total of individuals who were unemployed in the $2^{\text {nd }}$ quarter of 2008, 29.2\% moved out of this labour market state in the following quarter, $15.4 \%$ of which became employed and $13.8 \%$ moved into inactivity. The percentage of individuals moving from unemployment into employment was lower than that observed in the flows from the $1^{\text {st }}$ to the $2^{\text {nd }}$ quarter of 2008 ( $17.1 \%$ ), as for the percentage of individuals moving from unemployment into inactivity (had been 15.5\%)

From total individuals aged 15 years old and over considered to be inactive in the $2^{\text {nd }}$ quarter of $2008,1.6 \%$ moved into employment and $1.9 \%$ moved into unemployment, in the following quarter. The first percentage is lower than the observed in the flows from the $1^{\text {st }}$ to the $2^{\text {nd }}$ quarter of 2008, whereas the second is higher (had been $1.8 \%$ in both cases).

## 6. Unemployment rates by NUTS II regions

In the $3^{\text {rd }}$ quarter of 2008, the highest unemployment rates were recorded in the Norte and Alentejo regions (9.1\%). The lowest values were observed in Região Autónoma dos Açores (5.2\%) and Centro (5.7\%).

| Table 1: Unemployment rates by NUTS II region (NUTS-2002) |  |  |  |
| :---: | :---: | :---: | :---: |
| Unit: \% |  |  |  |
|  | 3Q-2007 | 2Q-2008 | 3Q-2008 |
| Portugal | 7,9 | 7,3 | 7,7 |
| Norte | 9,5 | 8,2 | 9,1 |
| Centro | 5,1 | 5,2 | 5,7 |
| Lisboa | 9,2 | 7,9 | 7,9 |
| Alentejo | 7,3 | 8,5 | 9,1 |
| Algarve | 5,9 | 7,2 | 6,1 |
| R. A. Açores | 3,9 | 5,4 | 5,2 |
| R. A. Madeira | 6,8 | 6,1 | 5,8 |

Source: INE, Employment Statistics - $3^{\text {rd }}$ quarter of 2008.

Comparing to the same quarter of the previous year, and similarly to the overall picture in Portugal, the unemployment rate decreased in regions Norte, Lisboa and Região Autónoma da Madeira, and increased in regions Centro, Alentejo, Algarve and Região Autónoma dos Açores. The highest decrease was observed in Lisboa (1.3 p.p.) and the highest increase was observed in Alentejo (1.8 p.p.)

Compared to the previous quarter, the unemployment rate increased in all NUTS II regions, with the exceptions of Algarve and the Autonomous Regions, where it decreased, and Lisboa, where it remained unchanged. The highest increase was recorded in Norte ( 0.9 p.p.) and the highest decrease was observed in Algarve (1.1 p.p.).
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Source: INE, Employment Statistics - $3^{\text {rd }}$ quarter of 2008.
Notes:
(a) With the coming into torce of the NACE-Rev. 2, the Labour Force Survey launched a process of double coding the economic activities, from the $1^{\text {st }}$ quarter of 2008 onwards. Since the $1^{\text {st }}$ quarter of 2008, the LFS estimates will be published bv both NACE-Rev. 1.1 and NACE-Rev. 2, at least until the $1^{\text {st }}$ quarter of 2009.
o Figure that corresponds to less than half the absolute value of the unit used.

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|  | Quarterly levels |  |  | Rates of change |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | 3Q-2007 | 2Q-2008 | 3Q-2008 | On year | On quarter |
|  | Thousand individuals |  |  | \% |  |
| Unemployed population | 444,4 | 409,9 | 433,7 | - 2,4 | 5,8 |
| Males | 197,6 | 187,8 | 193,7 | - 2,0 | 3,1 |
| Females | 246,8 | 222,1 | 240,0 | - 2,8 | 8,1 |
| 15 to 24 | 83,5 | 72,1 | 87,2 | 4,4 | 20,9 |
| 25 to 34 | 137,0 | 118,9 | 138,5 | 1,1 | 16,5 |
| 35 to 44 | 97,4 | 96,3 | 90,4 | -7,2 | -6,1 |
| 45 and over | 126,5 | 122,6 | 117,7 | -7,0 | -4,0 |
| First and second stages of basic education | 312,7 | 296,2 | 298,9 | -4,4 | 0,9 |
| (Upper) secondary and post-secondary non--tertiary education | 67,1 | 66,0 | 66,2 | -1,3 | 0,3 |
| Tertiary education | 64,7 | 47,6 | 68,7 | 6,2 | 44,3 |
| Looking for a first job | 62,0 | 50,3 | 62,6 | 1,0 | 24,5 |
| Looking for a new job | 382,4 | 359,6 | 371,1 | - 3,0 | 3,2 |
| NACE-Rev. 1.1 |  |  |  |  |  |
| Agriculture, hunting, forestry and fishing | 12,5 | 10,5 | 8,0 | - 36,0 | - 23,8 |
| Mining and quarrying, manufacturing, electricity, gas and water supply, and construction | 155,7 | 149,4 | 153,5 | -1,4 | 2,7 |
| Services | 214,2 | 199,7 | 209,6 | - 2,1 | 5,0 |
| NACE-Rev. 2 (a) 20, |  |  |  |  |  |
| Agriculture, hunting, forestry and fishing |  | 8,9 | 7,6 |  | - 14,6 |
| Mining and quarrying; manufacturing; <br> electricity, gas, steam and air conditioning <br> supply; water supply; sewage, waste <br> 149, $1 \quad 152,8$ <br> 2,5 <br> management and remediation activities; <br> construction |  |  |  |  |  |
| Services |  | 201,6 | 210,7 |  | 4,5 |
| Unemployment rate (\%) | 7,9 | 7,3 | 7,7 |  |  |
| Males | 6,6 | 6,3 | 6,5 |  |  |
| Females | 9,3 | 8,4 | 9,1 |  |  |
| Youth (15 to 24) | 16,0 | 14,3 | 17,1 |  |  |
| Unemployed by duration of search (b) |  |  |  |  |  |
| Less than 12 months | 224,9 | 201,5 | 216,1 | - 3,9 | 7,2 |
| 12 months or longer (long-term unemployment) | 216,1 | 205,5 | 213,7 | -1,1 | 4,0 |
| Long-term unemployment rate (\%) | 3,8 | 3,6 | 3,8 |  |  |
| Inactive population | 4 962,9 | 4 981,0 | 4 995,6 | 0,7 | 0,3 |
| Inactive population (15 and over) | 3 328,5 | 3 355,4 | 3 371,8 | 1,3 | 0,5 |
| Males | 1298,1 | 1310,0 | 1323,4 | 1,9 | 1,0 |
| Females | 2030,4 | 2045,4 | 2048,4 | 0,9 | 0,1 |
| 15 to 24 | 710,3 | 720,4 | 707,3 | -0,4 | -1,8 |
| 25 to 34 | 168,1 | 160,6 | 161,8 | - 3,7 | 0,7 |
| 35 to 44 | 151,6 | 157,4 | 160,3 | 5,7 | 1,8 |
| 45 to 64 | 801,0 | 793,1 | 814,1 | 1,6 | 2,6 |
| 65 and over | 1497,5 | 1523,9 | 1528,3 | 2,1 | 0,3 |
| Students | 716,3 | 753,5 | 726,3 | 1,4 | - 3,6 |
| Looking after home / family | 545,6 | 542,6 | 543,6 | - 0,4 | 0,2 |
| Retired | 1704,8 | 1748,9 | 1763,9 | 3,5 | 0,9 |
| Other inactive | 361,7 | 310,4 | 338,1 | -6,5 | 8,9 |
| Inactivity rate (15 and over) (\%) | 37,1 | 37,3 | 37,5 |  |  |
| Males | 30,2 | 30,4 | 30,7 |  |  |
| Females | 43,4 | 43,6 | 43,7 |  |  |

Source: INE, Employment Statistics - $3^{\text {rd }}$ quarter of 2008.

## Notes:

(a) With the coming into torce of the NACE-Rev. 2, the Labour Force Survey launched a process of double coding the economic activities, from the $1^{\text {st }}$ quarter of 2008 onwards. Since the $1^{\text {st }}$ quarter of 2008, the LFS estimates will be published bv both NACE-Rev. 1.1 and NACE-Rev. 2, at least until the $1^{\text {st }}$ quarter of 2009.
(b) The variable "duration of search for employment" does not include the unemployed workers that have already found a job which will start within a period of at most 3 months. As a consequence, the sum of the number of unemployed individuals by duration of search can be less than the total unemployed population.
o Figure that corresponds to less than half the absolute value of the unit used.

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## TECHNICAL NOTE

The main purpose of the Labour Force Survey is to characterise the population in terms of the labour market. It is a quarterly sample survey, addressed to families occupying the same dwelling in the national territory, which makes available quarterly and annual data. The information is obtained directly, though computer-assisted interview. Published data were calibrated, based on independent estimates of the population, calculated from the definitive results of the 2001 Census.
The published data respect the quality standards defined for the Labour Force Survey results dissemination.

## SOME CONCEPTS

For additional concepts see the publication Employment Statistics - 2 ${ }^{\text {nd }}$ quarter 2008 ("Estatísticas do Emprego - $3^{\circ}$ trimestre de 2008").

## Participation rate

Rate that is defined as the ratio of the labour force (active population) to total population.
P.R. (\%) $=($ Labour force $/$ Total population) $\times 100$

## Participation rate (15 and over)

Rate that is defined as the ratio of the labour force to working age population (aged 15 years old and over).
P.R. (\%) $=($ Labour force $/$ Population aged 15 years old and over) $\times 100$

## Unemployment rate

Rate that is defined as the ratio of the unemployed population to total labour force.
U.R. (\%) $=$ (Unemployed population $/$ Labour force) $\times 100$

Long term unemployment rate
Rate that is defined as the ratio of the population unemployed for 12 months or over to total labour force.
U.R. (\%) $=$ (Population unemployed for 12 months or over / Labour force) $\times 100$

## Employment rate (15 and over)

Rate that is defined as the ratio of the employed population to working age population (aged 15 years old and over).
E.R. (\%) $=$ (Employed population / Population aged 15 years old and over) $\times 100$

## Inactivity rate (aged 15 and over)

Rate that is defined as the ratio of inactive working age population (aged 15 years old and over) to total working age population.
I.R. (\%) = (Inactive population aged 15 years old and over / Population aged 15 years old and over) x 100

## Year-on-year rate of change

The year-on-year change compares the level of the variable in the current quarter with that of the corresponding quarter of the previous year. This rate of change, considering a seasonal stable pattern, is not affected by this type of fluctuation, but may, however, be influenced by specific effects in a given quarter.

## Quarterly rate of change

The quarterly change compares the level of the variable over two consecutive periods. Although this indicator permits to monitor the recent pace of the variable, its value is particularly influenced by seasonal effects and other more specific effects in one (or both) quarters under comparison.

## Annual rate of change

The annual change compares the average level of the variable for the four quarters of the last year over the average level of the variable for the four quarters of the previous year. Being an average, this indicator is less sensible to sporadic effects in the variable.

## DATE SCHEDULED FOR THE NEXT PRESS RELEASE

February, $17^{\text {th }} 2009$.

The publication Employment Statistics - $3^{\text {rd }}$ quarter of 2008 ("Estatísticas do Emprego - $3^{\circ}$ trimestre de 2008") associated with this press release is available, free of charge, at http://www.ine.pt/portal/page/portal/PORTAL_INE/Publicacoes.

