INSTITUTI NACIINAL DE ESTATíSTICA STATISTICS PORTUGAL

May, $18^{\text {th }} 2010$

## Employment Statistics

$1^{\text {st }}$ quarter of 2010

## Unemployment rate at $10.6 \%$ in the $1^{\text {st }}$ quarter of 2010

The unemployment rate estimated for the $1^{\text {st }}$ quarter of 2010 was $10.6 \%$. This value is up 1.7 percentage points (p.p.) from the same quarter of 2009 and 0.5 p.p. from the previous quarter. The number of unemployed was estimated to reach 592.2 thousand individuals, having increased by $19.4 \%$ from the same quarter of the previous year, and by $5.1 \%$ from the previous quarter. The number of employed decreased by $1.8 \%$, compared with the same quarter of 2009 , and by $0.3 \%$, compared with the previous quarter.

## 1. Labour force (active population)

The Labour Force Survey results for the $1^{\text {st }}$ quarter of 2010 indicate that the labour force (active population) in Portugal increased slightly, when compared with the same quarter of 2009, and increased by $0.3 \%$ ( 14.0 thousand individuals), when compared with the previous quarter.

The participation rate of the working age population (15 years old and over) was estimated at $62.1 \%$ in the $1^{\text {st }}$ quarter of 2010. This rate was identical with the one of the same quarter of 2009 and went up by 0.3 p.p. from the previous quarter.

The participation rate of working age women stood at $56.5 \%$, while that of men attained $68.3 \%$.

## 2. Employed population

In the $1^{\text {st }}$ quarter of 2010, the employed population, totalling 5008.7 thousand individuals, decreased by $1.8 \%$ (corresponding to 90.4 thousand individuals), compared with the same quarter of 2009, and by $0.3 \%$ (14.8 thousand), compared with the previous quarter.

The following results have contributed to the above-mentioned year-on-year decrease:

- The decrease in employment for men, which corresponded to 62.5 thousand individuals and explained $69.1 \%$ of the global employment decrease.
- The decrease of 77.2 thousand employed individuals aged 15 to 34 years old and of 20.0 thousand individuals aged 35 to 44 years old. On the contrary, the number of the employed aged 65 and over increased (11.0 thousand individuals).
- The decrease of employed having completed the first or second stages of basic education, by 163.6 thousand individuals. By contrast, the number of employed having completed the (upper) secondary and post-secondary non-tertiary level of education and also the tertiary level of education rose (by 49.2 thousand and 24.1 thousand individuals, respectively).
- The decrease of employed in the mining and quarrying, manufacturing, electricity, gas and water supply, and construction sector, by 83.7 thousand individuals. This decrease was accounted by both a decrease in construction (which employed less 36.0 thousand individuals this quarter) and a decrease in manufacturing activities ( 41.9 thousand). The services
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sector also recorded a small decrease in employment, corresponding to 7.6 thousand individuals. On the contrary, the number of employed in agriculture, forestry, and fishing sector rose slightly.
- The decrease in the number of employees, by 44.7 thousand individuals, and in the number of self-employed, by 48.9 thousand. Among the employees, a decrease was recorded only in those holding a permanent contract (101.1 thousand). The number of employees with a temporary job increased by 50.2 thousand individuals.
- The decrease in the number of full-time workers, which corresponded to 88.4 thousand individuals and explained $97.8 \%$ of the global employment decrease.

The employment rate (15 years and over) stood at 55.6\%, in the $1^{\text {st }}$ quarter of 2010 . This value was lower than the one recorded in the same quarter of 2009, by 1.0 p.p., and remained unchanged from the previous quarter.

The male employment rate ( $61.5 \%$ ) exceeded that of women ( $50.1 \%$ ) by 11.4 p.p.. In both cases, the rates decreased, from the same quarter 2009, and kept the same values recorded in the previous quarter.


## 3. Unemployed population

The unemployed population in Portugal, estimated at 592.2 thousand individuals in the $1^{\text {st }}$ quarter of 2010, increased by $19.4 \%$ ( 96.4 thousand individuals), when compared with the $1^{\text {st }}$ quarter of 2009, and by $5.1 \%$ (28.9 thousand), when compared with the previous quarter.

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

- The increase in the number of unemployed men (48.9 thousand individuals) and in the number of unemployed women (47.4 thousand).
- The increase in unemployment for all age groups, mainly of those aged 45 years old and over ( 40.2 thousand) and of those aged 35 to 44 years old (36.3 thousand).
- The increase in the number of unemployed individuals having completed an education level corresponding to the first and second stages of basic education (67.8 thousand individuals). To a lesser extent, the unemployment increased also among the individuals who completed an upper secondary or postsecondary non-tertiary level of education and who completed a tertiary level of education (24.3 thousand and 4.3 thousand, respectively).
- The increase in the number of unemployed seeking a new job (100.2 thousand individuals), coming from the mining and quarrying, manufacturing, electricity, gas and water supply, and construction sector (49.3 thousand individuals) and from the services sector (44.8 thousand). On the contrary, the number of unemployed seeking a first job decreased (3.8 thousand).
- The increase in the number of unemployed seeking a job for one year or more, by 90.2 thousand individuals, which explained $93.6 \%$ of the overall increase in unemployment.

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Press Release

The unemployment rate was estimated at $10.6 \%$, in the $1^{\text {st }}$ quarter of 2010. This value is up 1.7 p.p. from the $1^{\text {st }}$ quarter of 2009 , and 0.5 p.p. from the previous quarter.


In the $1^{\text {st }}$ quarter of 2010, the unemployment rate stood at $9.8 \%$ for men and at $11.4 \%$ for women. In both cases, the rates increased from the same quarter of 2009 (1.7 p.p.) and from the previous quarter ( 0.3 p.p. and 0.7 p.p., respectively).

The increase recorded in the unemployment rate, when compared with the previous quarter ( 0.5 p.p.), resulted from the combination of the following two effects: the decrease of the employed population (of $0.3 \%$ ) and the increase of the unemployed population (of $5.1 \%$ ), corresponding to 14.8 thousand and to 28.9 thousand individuals, respectively.

The quarterly increase in the unemployed population occurred mainly in the following population groups: women; individuals aged 25 to 34 years old and aged 45 and over; individuals who have completed the first and second stages of basic education level of education; individuals seeking a new job (mainly of those who were formerly employed in the services sector); and unemployed seeking for a job for one year or over.

## 4. Inactive population

In the $1^{\text {st }}$ quarter of 2010, the inactive population aged 15 years old and over remained stable, when compared to the same quarter of 2009 , and decreased by $1.0 \%$, when compared with the previous quarter (corresponding to 34.6 thousand individuals).

The inactivity rate ( 15 and over) reached $37.9 \%$, in the $1^{\text {st }}$ quarter of 2010 , standing at $31.7 \%$ for men and $43.5 \%$ for women.

## 5. Quarterly flows between labour market states

From the $4^{\text {th }}$ quarter of 2009 to the $1^{\text {st }}$ quarter of 2010, $1.4 \%$ of the individuals initially employed moved into unemployment and $0.9 \%$ moved into inactivity, with the proportion of employees moving out of this situation totalling $2.3 \%$ in the $1^{\text {st }}$ quarter of 2010 (97.7\% remained employed). From the $3^{\text {rd }}$ quarter to the $4^{\text {th }}$ quarter of 2009, this percentage had been larger (2.7\%).

The flows out of unemployment between the two quarters were, in relative terms, larger than the flows out of employment. From total individuals who were unemployed in the $4^{\text {th }}$ quarter of 2009, $25.0 \%$ moved out of this labour market state in the following quarter. Of these, $13.8 \%$ became employed and $11.2 \%$ moved into inactivity. The percentages of individuals moving from unemployment into employment and moving from unemployment into inactivity were smaller than those observed in the flows from the $3^{\text {rd }}$ quarter to the $4^{\text {th }}$ quarter of 2009 ( $15.3 \%$ and $13.1 \%$, respectively).

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



From total individuals aged 15 years old and over considered to be inactive in the $4^{\text {th }}$ quarter of 2009, $1.3 \%$ moved into employment, and $1.9 \%$ moved into unemployment, in the following quarter. Both percentages are smaller than those observed in the flows from the $3^{\text {rd }}$ quarter to the $4^{\text {th }}$ quarter of 2009 (1.7\% and $2.5 \%$, respectively).

## 6. Unemployment rates by NUTS II region

In the $1^{\text {st }}$ quarter of 2010, the highest unemployment rates were recorded in NUTS II regions Algarve (13.6\%), Norte (12.5\%), Alentejo (11.1\%), and Lisboa (10.5\%). The
lowest values were observed in Região Autónoma da Madeira (6.3\%), Região Autónoma dos Açores (7.7\%), and Centro (7.9\%).

| Table 1: Unemployment rates by <br>  <br> region (NUTS-2002) |  |  |  |
| :--- | ---: | ---: | ---: |
|  | 1Q-2009 | 4Q-2009 | 1Q-2010 |
| Portugal | 8.9 | 10.1 | $\mathbf{1 0 . 6}$ |
| Norte | 10.1 | 11.9 | 12.5 |
| Centro | 6.7 | 7.3 | 7.9 |
| Lisboa | 9.1 | 10.4 | 10.5 |
| Alentejo | 10.2 | 10.4 | 11.1 |
| Algarve | 10.3 | 11.8 | 13.6 |
| R. A. Açores | 6.7 | 7.1 | 7.7 |
| R. A. Madeira | 6.8 | 7.5 | 6.3 |

Source: INE, Employment Statistics - $1^{\text {st }}$ quarter of 2010.

Compared to the same quarter of the previous year, and similarly to the overall picture in Portugal, the unemployment rate increased in all regions, except in Região Autónoma da Madeira. The largest increases were recorded in Algarve (3.3 p.p.), Norte (2.4 p.p.), and Lisboa (1.4 p.p.).

Compared to the previous quarter, there was also an increase in the unemployment rate in all regions, except in Região Autónoma da Madeira. The largest increase was observed in Algarve (1.8 p.p.).
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Source: INE, Employment Statistics - $1^{\text {st }}$ quarter of 2010.

## Notes:

(a) The estimates are presented by NACE-Rev. 2.
o Figure that corresponds to less than half the absolute value of the unit used.

- Null.
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Source: INE, Employment Statistics - $1^{\text {st }}$ quarter of 2010.

## Notes:

(a) The estimates are presented by NACE-Rev. 2.
(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.

- Null.

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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.

## SOME CONCEPTS

For additional concepts see the publication Employment Statistics - $1^{\text {st }}$ quarter 2010 ("Estatísticas do Emprego - $1^{\circ}$ trimestre de 2010").

## 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 calculation 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

August, $17^{\text {th }} 2010$.

The publication Employment Statistics - $1^{\text {st }}$ quarter of 2010 ("Estatísticas do Emprego - $1^{\circ}$ trimestre de 2010") associated with this press release is available, free of charge, at http://www.ine.pt/portal/page/portal/PORTAL_INE/Publicacoes.

