

160/2016 - 18 August 2016

July 2016

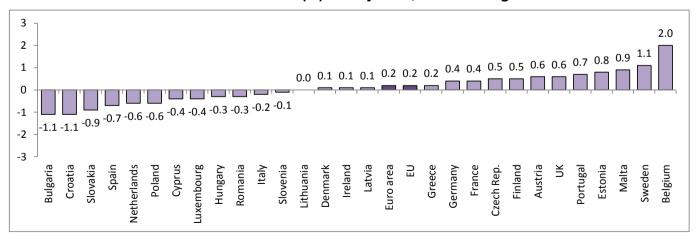
# Annual inflation up to 0.2% in the euro area and the EU

**Euro area** annual inflation was 0.2% in July 2016, up from 0.1% in June. In July 2015 the rate was 0.2%. **European Union** annual inflation was also 0.2% in July 2016, up from 0.1% in June. A year earlier the rate was 0.2%. These figures come from **Eurostat**, the statistical office of the European Union.

In July 2016, negative annual rates were observed in twelve Member States. The lowest annual rates were registered in **Bulgaria** and **Croatia** (both -1.1%) and **Slovakia** (-0.9%). The highest annual rates were recorded in **Belgium** (2.0%), **Sweden** (1.1%) and **Malta** (0.9%). Compared with June 2016, annual inflation fell in nine Member States, remained stable in seven and rose in twelve.

The largest upward impacts to **euro area** annual inflation came from restaurants & cafés (+0.11 percentage points), vegetables (+0.09 pp) and fruit (+0.08 pp), while fuels for transport (-0.46 pp), heating oil (-0.15 pp) and gas (-0.12 pp) had the biggest downward impacts.

#### Annual inflation rates (%) in July 2016, in ascending order



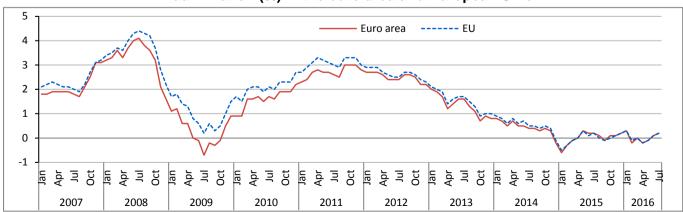
# Inflation rates (%) measured by HICP

|                | Annual rate |        |        |        |        |        |        |
|----------------|-------------|--------|--------|--------|--------|--------|--------|
|                | Jul 15      | Feb 16 | Mar 16 | Apr 16 | May 16 | Jun 16 | Jul 16 |
| Euro area      | 0.2         | -0.2   | 0.0    | -0.2   | -0.1   | 0.1    | 0.2    |
| EU             | 0.2         | -0.1   | 0.0    | -0.2   | -0.1   | 0.1r   | 0.2    |
| Belgium        | 0.9         | 1.1    | 1.6    | 1.5    | 1.6    | 1.8    | 2.0    |
| Bulgaria       | -1.0        | -1.0   | -1.9   | -2.5   | -2.5   | -1.9   | -1.1   |
| Czech Republic | 0.5         | 0.5    | 0.3    | 0.5    | 0.0    | -0.1   | 0.5    |
| Denmark        | 0.5         | 0.1    | -0.3   | -0.3   | -0.1   | 0.1    | 0.1    |
| Germany        | 0.1         | -0.2   | 0.1    | -0.3   | 0.0    | 0.2    | 0.4    |
| Estonia        | 0.1         | 0.4    | 0.5    | 0.0    | 0.0    | 0.4    | 0.8    |
| Ireland        | 0.2         | -0.2   | -0.6   | -0.2   | -0.2   | 0.1    | 0.1    |
| Greece         | -1.3        | 0.1    | -0.7   | -0.4   | -0.2   | 0.2    | 0.2    |
| Spain          | 0.0         | -1.0   | -1.0   | -1.2   | -1.1   | -0.9   | -0.7   |
| France         | 0.2         | -0.1   | -0.1   | -0.1   | 0.1    | 0.3    | 0.4    |
| Croatia        | -0.2        | -0.6   | -0.9   | -0.9   | -1.2   | -1.2   | -1.1   |
| Italy          | 0.4         | -0.2   | -0.2   | -0.4   | -0.3   | -0.2   | -0.2   |
| Cyprus         | -2.4        | -2.2   | -2.2   | -2.1   | -1.9   | -2.0   | -0.4   |
| Latvia         | -0.2        | -0.6   | -0.6   | -0.7   | -0.8   | -0.6   | 0.1    |
| Lithuania      | -0.2        | 0.5    | 0.8    | 0.8    | 0.2    | 0.4    | 0.0    |
| Luxembourg     | 0.2         | -0.3   | -0.6   | -0.6   | -0.6   | -0.4   | -0.4   |
| Hungary        | 0.5         | 0.3    | -0.2   | 0.3    | -0.1   | -0.1   | -0.3   |
| Malta          | 1.2         | 1.0    | 1.0    | 0.8    | 1.0    | 1.0    | 0.9    |
| Netherlands    | 0.8         | 0.3    | 0.5    | -0.2   | -0.2   | -0.2   | -0.6p  |
| Austria        | 1.1         | 1.0    | 0.7    | 0.6    | 0.6    | 0.6    | 0.6    |
| Poland         | -0.5        | -0.2   | -0.4   | -0.5   | -0.4   | -0.4   | -0.6   |
| Portugal       | 0.7         | 0.2    | 0.5    | 0.5    | 0.4    | 0.7    | 0.7    |
| Romania        | -1.4        | -2.1   | -2.4   | -2.6   | -3.0   | -0.7   | -0.3   |
| Slovenia       | -0.7        | -0.9   | -0.9   | -0.7   | -0.5   | 0.1    | -0.1   |
| Slovakia       | -0.2        | -0.3   | -0.5   | -0.4   | -0.7   | -0.7   | -0.9   |
| Finland        | -0.1        | -0.1   | 0.0    | 0.3    | 0.3    | 0.3    | 0.5    |
| Sweden         | 0.8         | 0.8    | 1.2    | 1.0    | 0.8    | 1.2    | 1.1    |
| United Kingdom | 0.1         | 0.3    | 0.5    | 0.3    | 0.3    | 0.5    | 0.6    |
| Iceland        | 0.5         | 0.9    | 0.3    | 0.4    | 1.5    | 1.6    | 1.1    |
| Norway         | 1.5         | 3.3    | 3.6    | 3.5    | 3.7    | 4.1    | 5.0    |
| Switzerland    | -0.8        | -0.9   | -1.0   | -0.5   | -0.5   | -0.6   | -0.5   |

| Monthly rate |  |  |  |  |  |
|--------------|--|--|--|--|--|
| Jul 16       |  |  |  |  |  |
| -0.6         |  |  |  |  |  |
| -0.4         |  |  |  |  |  |
| -1.1         |  |  |  |  |  |
| 1.0          |  |  |  |  |  |
| 0.4          |  |  |  |  |  |
| -0.1         |  |  |  |  |  |
| 0.4          |  |  |  |  |  |
| 0.0          |  |  |  |  |  |
| -0.3         |  |  |  |  |  |
| -1.2         |  |  |  |  |  |
| -1.3         |  |  |  |  |  |
| -0.4         |  |  |  |  |  |
| -0.1         |  |  |  |  |  |
| -1.9         |  |  |  |  |  |
| 1.0          |  |  |  |  |  |
| -0.3         |  |  |  |  |  |
| -0.8         |  |  |  |  |  |
| -1.3         |  |  |  |  |  |
| -0.2         |  |  |  |  |  |
| -0.1         |  |  |  |  |  |
| 0.3p         |  |  |  |  |  |
| -0.5         |  |  |  |  |  |
| -0.3         |  |  |  |  |  |
| -0.6         |  |  |  |  |  |
| -0.2         |  |  |  |  |  |
| -0.9         |  |  |  |  |  |
| -0.4         |  |  |  |  |  |
| -0.1         |  |  |  |  |  |
| 0.1          |  |  |  |  |  |
| -0.1         |  |  |  |  |  |
| 0.4          |  |  |  |  |  |
| 0.7          |  |  |  |  |  |
| -0.1         |  |  |  |  |  |

 $\begin{array}{ll} \text{The source dataset is available } \underline{\text{here}}. \\ \text{r = revised} & \text{p = provisional} \end{array}$ 

# Annual inflation (%) in the euro area and European Union



### Euro area inflation rates (%), selected aggregates

|                                     | Weight (‰) | Annual rate |        |        |        |        |        |        |
|-------------------------------------|------------|-------------|--------|--------|--------|--------|--------|--------|
|                                     | 2016       | Jul 15      | Feb 16 | Mar 16 | Apr 16 | May 16 | Jun 16 | Jul 16 |
| All-items HICP                      | 1000.0     | 0.2         | -0.2   | 0.0    | -0.2   | -0.1   | 0.1    | 0.2    |
| All-items excluding: > energy       | 902.6      | 0.9         | 0.8    | 1.0    | 0.8    | 0.8    | 0.9    | 1.0    |
| > energy, unprocessed food          | 828.5      | 0.9         | 0.8    | 1.0    | 0.7    | 0.8    | 0.8    | 0.8    |
| > energy, food, alcohol & tobacco   | 707.3      | 1.0         | 0.8    | 1.0    | 0.7    | 0.8    | 0.9    | 0.9    |
| > energy, seasonal food             | 863.1      | 0.8         | 0.8    | 0.9    | 0.7    | 0.8    | 8.0    | 8.0    |
| > tobacco                           | 976.1      | 0.2         | -0.2   | -0.1   | -0.3   | -0.2   | 0.0    | 0.1    |
| Food, alcohol & tobacco             | 195.3      | 0.9         | 0.6    | 0.8    | 0.8    | 0.9    | 0.9    | 1.4    |
| > processed food, alcohol & tobacco | 121.3      | 0.6         | 0.6    | 0.4    | 0.5    | 0.6    | 0.5    | 0.5    |
| > unprocessed food                  | 74.1       | 1.4         | 0.6    | 1.3    | 1.2    | 1.5    | 1.5    | 2.9    |
| Energy                              | 97.4       | -5.6        | -8.1   | -8.7   | -8.7   | -8.1   | -6.4   | -6.7   |
| Non-energy industrial goods         | 265.5      | 0.4         | 0.7    | 0.5    | 0.5    | 0.5    | 0.4    | 0.4    |
| Services                            | 441.8      | 1.2         | 0.9    | 1.4    | 0.9    | 1.0    | 1.1    | 1.2    |

| Monthly rate | , |
|--------------|---|
| Jul 16       |   |
| -0.6         |   |
|              |   |
| -0.5         |   |
| -0.6         |   |
| -0.7         |   |
| -0.5         |   |
| -0.6         |   |
| 0.0          |   |
| 0.0          |   |
| 0.0          |   |
| -1.0         |   |
| -3.6         |   |
| 1.1          |   |

# Sub-indices with largest impacts on euro area annual inflation

|       |                       | Weight (‰) | Weight (‰) Annual rate (%) |        |
|-------|-----------------------|------------|----------------------------|--------|
|       |                       | 2016       | Jul 16                     | Jul 16 |
| 11.11 | Restaurants and cafés | 70.8       | 1.6                        | 0.11   |
| 01.17 | Vegetables            | 17.1       | 5.6                        | 0.09   |
| 01.16 | Fruit                 | 12.3       | 6.4                        | 0.08   |
| 04.52 | Gas                   | 18.6       | -6.2                       | -0.12  |
| 04.53 | Heating oil           | 6.3        | -17.8                      | -0.15  |
| 07.22 | Fuels for transport   | 41.6       | -9.4                       | -0.46  |

#### Geographical coverage

The **euro area** consists of Belgium, Germany, Estonia, Ireland, Greece, Spain, France, Italy, Cyprus, Latvia, Lithuania, Luxembourg, Malta, the Netherlands, Austria, Portugal, Slovenia, Slovenia, Slovakia and Finland.

The **European Union** includes Belgium, Bulgaria, the Czech Republic, Denmark, Germany, Estonia, Ireland, Greece, Spain, France, Croatia, Italy, Cyprus, Latvia, Lithuania, Luxembourg, Hungary, Malta, the Netherlands, Austria, Poland, Portugal, Romania, Slovenia, Slovakia, Finland, Sweden and the United Kingdom.

The euro area and European Union data refer to the respective country compositions at a specific point in time. New Member States are integrated into the aggregates using a chain index formula.

#### Methods and definitions

The **annual rate** measures the change of the Harmonised Indices of Consumer Prices (HICP) between a month and the same month of the previous year, and the **monthly rate** compares the indices between the two latest months.

An **impact** is a measure showing the change in the inflation due to the inclusion of a sub-index. The impact takes account of both the weight and whether the inflation for that sub-index is higher or lower than the all-items inflation rate.

#### Revisions and timetable

A flash estimate of euro area inflation is issued at the end of each reference month. The euro area <u>flash estimate for July 2016</u>, published on 29 July 2016, was 0.2%.

The next flash estimate of euro area inflation with data for August 2016 is scheduled for 31 August 2016.

Data for the United Kingdom for June 2016 were not available in time for the HICP release of 15 July 2016, and EU totals were calculated using Eurostat estimates. Since then, the UK data have become available and the EU annual rate of change for June 2016 has been revised as a result.

# For more information

Eurostat's website section on inflation

Eurostat's database section on inflation

Eurostat's Statistics Explained article on inflation in the euro area

Eurostat's metadata on inflation

Eurostat's €-indicators release calendar

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