

November 2009 compared with October 2009

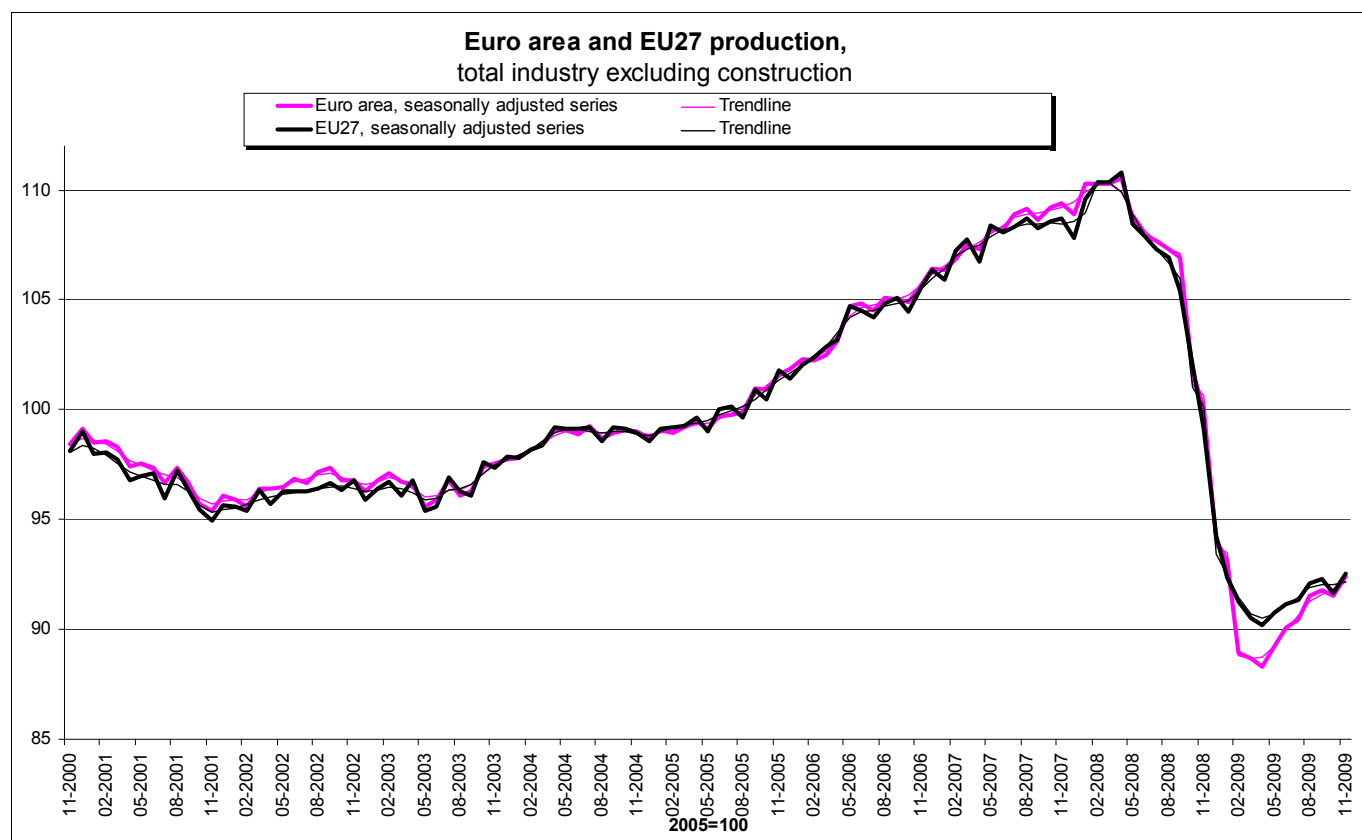
## Industrial production up by 1.0% in euro area

Up by 0.9% in EU27

In November 2009 compared with October 2009, seasonally adjusted industrial production<sup>1</sup> grew by 1.0% in the **euro area**<sup>2</sup> (EA16) and by 0.9% in the **EU27**<sup>2</sup>. In October<sup>3</sup> production fell by 0.3% and 0.7% respectively.

In November 2009 compared with November 2008, industrial production declined by 7.1% in the **euro area** and by 6.4% in the **EU27**.

These estimates are released by **Eurostat, the statistical office of the European Union**.



## Monthly comparison

In November 2009 compared with October 2009, production of intermediate goods increased by 1.8% in the **euro area** and by 1.7% in the **EU27**. Durable consumer goods grew by 1.8% in the **euro area**, but fell by 0.5% in the **EU27**. Capital goods rose by 1.1% and 0.7% respectively. Non-durable consumer goods gained 0.6% in the **euro area** and 0.5% in the **EU27**. Production of energy declined by 2.2% and 1.7% respectively.

Among the Member States for which data are available, industrial production rose in sixteen and fell in four. The highest increases were registered in **Latvia** (+8.7%), **Slovenia** (+3.0%) and **Estonia** (+2.9%), and the largest falls in **Ireland** (-8.0%) and **Portugal** (-3.7%).

## Annual comparison

In November 2009 compared with November 2008, production of non-durable consumer goods fell by 1.1% and production of intermediate goods by 5.9% in both the **euro area** and the **EU27**. Production of energy declined by 6.2% in the **euro area** and by 6.8% in the **EU27**. Durable consumer goods decreased by 8.7% and 6.2% respectively. Capital goods dropped by 13.0% in the **euro area** and by 11.1% in the **EU27**.

Industrial production fell in all Member States for which data are available, except **Poland** (+7.3%), **Romania** (+4.4%) and **Luxembourg** (+0.7%). The largest decreases were registered in **Denmark** and **Finland** (both -14.4%), **Estonia** (-13.7%) and **Bulgaria** (-12.1%).

1. Total industry excluding construction. According to the Council Regulation 1165/98 Eurostat publishes national seasonally adjusted data if available. For the other Member States (Bulgaria, Greece, Spain, Cyprus and Luxembourg) Eurostat performs the adjustment. This means that different methodologies are used to make the seasonal adjustment of the national series.  
The seasonally adjusted euro area and EU series are calculated by aggregating the working day adjusted series from individual Member States and performing an adjustment for seasonal effects on these series. Therefore the seasonally adjusted figures for total industry (excluding construction) is based directly on the working day adjusted series coming from the Member States and **not on an aggregation of the seasonally adjusted indices from the Member States**. The euro area and EU seasonally adjusted growth rates might differ from the weighted growth rates of the individual Member States (see Methodology of the industrial production index). This procedure also implies that the aggregation of the overall figures is not based on the published details (intermediate, capital, durable, non-durable goods, energy).  
Missing observations from Member States are estimated for the calculation of the euro area and the EU aggregates.
2. The euro area (EA16) includes Belgium, Germany, Ireland, Greece, Spain, France, Italy, Cyprus, Luxembourg, Malta, the Netherlands, Austria, Portugal, Slovenia, Slovakia and Finland.  
The EU27 includes Belgium (BE), Bulgaria (BG), the Czech Republic (CZ), Denmark (DK), Germany (DE), Estonia (EE), Ireland (IE), Greece (EL), Spain (ES), France (FR), Italy (IT), Cyprus (CY), Latvia (LV), Lithuania (LT), Luxembourg (LU), Hungary (HU), Malta (MT), the Netherlands (NL), Austria (AT), Poland (PL), Portugal (PT), Romania (RO), Slovenia (SI), Slovakia (SK), Finland (FI), Sweden (SE) and the United Kingdom (UK).
3. Data of previous months have been revised compared to those issued in the News Release 179/2009 of 14 December 2009. The figures for October 2009 were -0.6% in the euro area and -0.7% in the EU27 for the monthly changes, and -11.1% in the euro area and -10.2% in the EU27 for the yearly changes.

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## Industrial production - monthly variation

% change compared with previous month\*

	Jun-09	Jul-09	Aug-09	Sep-09	Oct-09	Nov-09
<b>EA16</b>						
Total industry	1.0	0.4	1.1	0.3	-0.3	<b>1.0</b>
Intermediate goods	0.6	1.2	0.9	0.8	1.1	<b>1.8</b>
Energy	1.8	0.5	0.2	-1.6	0.4	<b>-2.2</b>
Capital goods	0.2	-1.3	1.6	1.6	-0.3	<b>1.1</b>
Durable consumer goods	-3.5	0.9	5.7	-4.8	-1.2	<b>1.8</b>
Non-durable consumer goods	0.2	0.4	-1.1	0.8	-1.3	<b>0.6</b>
<b>EU27</b>						
Total industry	0.4	0.3	0.8	0.2	-0.7	<b>0.9</b>
Intermediate goods	0.8	1.1	1.4	0.5	1.1	<b>1.7</b>
Energy	1.5	0.7	-0.7	-1.1	0.0	<b>-1.7</b>
Capital goods	0.0	-1.7	1.7	0.3	-0.1	<b>0.7</b>
Durable consumer goods	-3.2	1.5	4.7	-3.6	-0.1	<b>-0.5</b>
Non-durable consumer goods	-0.2	0.4	-0.5	0.3	-1.1	<b>0.5</b>

Total industry	Jun-09	Jul-09	Aug-09	Sep-09	Oct-09	Nov-09
<b>EA16</b>	1.0	0.4	1.1	0.3	-0.3	<b>1.0</b>
<b>EU27</b>	0.4	0.3	0.8	0.2	-0.7	<b>0.9</b>
<b>Belgium</b>	1.0	0.7	-0.9	0.0	:	:
<b>Bulgaria</b>	-0.5	-0.3	0.0	-3.5	2.1	<b>0.3</b>
<b>Czech Republic</b>	2.8	-2.0	3.3	-0.8	0.9	:
<b>Denmark</b>	-1.4	2.9	-3.5	-2.4	-0.4	<b>0.4</b>
<b>Germany</b>	1.3	-1.1	1.7	3.3	-1.8	<b>0.7</b>
<b>Estonia</b>	-0.4	2.5	1.7	-3.1	0.4	<b>2.9</b>
<b>Ireland</b>	7.3	7.9	-16.0	11.3	-1.4	<b>-8.0</b>
<b>Greece</b>	-1.6	0.8	0.9	-1.6	-0.6	<b>0.2</b>
<b>Spain</b>	0.7	-0.4	1.4	-1.4	0.4	<b>0.1</b>
<b>France</b>	0.2	0.6	2.9	-1.2	-0.6	<b>1.2</b>
<b>Italy</b>	0.0	2.1	6.0	-4.9	0.6	<b>0.2</b>
<b>Cyprus</b>	-0.1	1.7	-2.9	0.1	0.1	:
<b>Latvia</b>	1.7	-1.0	2.4	-1.8	0.1	<b>8.7</b>
<b>Lithuania</b>	1.5	3.5	-4.9	-1.7	-0.4	<b>0.3</b>
<b>Luxembourg</b>	3.1	-3.5	2.0	7.6	-2.3	<b>-0.5**</b>
<b>Hungary</b>	1.8	-0.6	-0.6	3.7	1.8	:
<b>Malta</b>	:	:	:	:	:	:
<b>Netherlands</b>	1.8	0.6	1.3	-0.6	1.0	<b>0.8</b>
<b>Austria</b>	0.9	1.7	0.0	0.2	2.8	:
<b>Poland</b>	1.3	-0.7	1.0	1.2	1.2	<b>2.2</b>
<b>Portugal</b>	-0.4	0.7	4.9	-2.4	-1.7	<b>-3.7</b>
<b>Romania</b>	1.1	0.2	0.6	1.4	0.9	<b>1.7</b>
<b>Slovenia</b>	0.4	-0.4	4.9	0.6	-3.5	<b>3.0</b>
<b>Slovakia</b>	5.6	-1.2	11.4	5.2	0.1	:
<b>Finland</b>	2.2	-0.7	2.2	-1.4	1.5	<b>2.6</b>
<b>Sweden</b>	1.2	1.7	-1.5	1.3	-0.6	<b>-0.4</b>
<b>United Kingdom</b>	0.4	0.5	-2.9	1.3	0.0	<b>0.3</b>

\* Seasonally adjusted

\*\* Estimated by Member State

: Data not available

**Industrial production - annual variation**  
% change compared with same month of the previous year\*

	Jun-09	Jul-09	Aug-09	Sep-09	Oct-09	Nov-09
<b>EA16</b>						
Total industry	-16.7	-15.8	-15.1	-12.7	-10.9	-7.1
Intermediate goods	-22.2	-20.2	-19.4	-15.7	-12.2	-5.9
Energy	-6.2	-5.6	-6.1	-7.3	-6.0	-6.2
Capital goods	-22.2	-23.5	-22.0	-18.3	-16.7	-13.0
Durable consumer goods	-23.6	-20.4	-19.5	-15.3	-14.3	-8.7
Non-durable consumer goods	-2.3	-1.3	-3.8	-0.9	-2.8	-1.1
<b>EU27</b>						
Total industry	-15.6	-14.9	-13.7	-12.2	-10.1	-6.4
Intermediate goods	-21.2	-19.6	-18.0	-15.3	-11.8	-5.9
Energy	-6.9	-5.6	-7.0	-8.3	-6.5	-6.8
Capital goods	-21.1	-22.4	-20.1	-17.6	-15.3	-11.1
Durable consumer goods	-21.0	-18.3	-15.7	-13.8	-11.9	-6.2
Non-durable consumer goods	-2.6	-1.5	-2.7	-1.0	-2.5	-1.1

Total industry	Jun-09	Jul-09	Aug-09	Sep-09	Oct-09	Nov-09
<b>EA16</b>	-16.7	-15.8	-15.1	-12.7	-10.9	-7.1
<b>EU27</b>	-15.6	-14.9	-13.7	-12.2	-10.1	-6.4
<b>Belgium</b>	-14.0	-15.1	-13.9	-12.7	:	:
<b>Bulgaria</b>	-19.4	-18.7	-15.8	-21.1	-15.3	-12.1
<b>Czech Republic</b>	-14.3	-15.7	-8.7	-9.3	-4.9	:
<b>Denmark</b>	-16.7	-12.0	-16.3	-17.6	-16.7	-14.4
<b>Germany</b>	-18.6	-18.2	-17.9	-13.7	-13.3	-8.8
<b>Estonia</b>	-30.9	-28.6	-25.8	-27.7	-20.6	-13.7
<b>Ireland</b>	0.7	6.2	-12.9	-0.6	3.4	-9.4
<b>Greece</b>	-12.8	-11.0	-9.4	-8.9	-9.0	-6.0
<b>Spain</b>	-16.0	-17.6	-12.7	-12.7	-9.2	-5.7
<b>France</b>	-12.9	-12.8	-10.3	-9.7	-9.0	-3.3
<b>Italy</b>	-21.8	-17.9	-18.6	-15.4	-11.8	-8.1
<b>Cyprus</b>	-8.7	-8.1	-9.0	-9.8	-10.4	:
<b>Latvia</b>	-18.4	-17.3	-12.4	-15.3	-13.5	-2.4
<b>Lithuania</b>	-17.1	-14.7	-15.0	-15.4	-8.3	-9.4
<b>Luxembourg</b>	-16.1	-21.9	-20.7	-9.8	-5.4	0.7**
<b>Hungary</b>	-18.5	-19.1	-19.8	-15.1	-10.8	:
<b>Malta</b>	:	:	:	:	:	:
<b>Netherlands</b>	-9.5	-6.2	-6.4	-8.8	-5.6	-1.5
<b>Austria</b>	-15.4	-11.5	-14.0	-13.9	-9.6	:
<b>Poland</b>	-4.5	-4.4	-2.1	-1.3	1.1	7.3
<b>Portugal</b>	-11.2	-9.2	-6.9	-6.0	-5.6	-7.3
<b>Romania</b>	-6.4	-4.5	-4.8	-3.8	-1.3	4.4
<b>Slovenia</b>	-22.5	-20.4	-18.4	-16.5	-18.8	-2.4
<b>Slovakia</b>	-19.8	-22.9	-7.8	-5.6	-3.8	:
<b>Finland</b>	-21.3	-24.4	-19.2	-23.2	-20.2	-14.4
<b>Sweden</b>	-20.0	-19.5	-19.4	-16.1	-14.3	-11.8
<b>United Kingdom</b>	-11.7	-12.0	-9.0	-11.5	-8.0	-4.9

\* Working day adjusted

\*\* Estimated by Member State

: Data not available

**Production indices for total industry excluding construction**  
**seasonally adjusted**  
(base year 2005)

	11/08	12/08	01/09	02/09	03/09	04/09	05/09	06/09	07/09	08/09	09/09	10/09	11/09
<b>EA16</b>	100.1	94.1	93.1	88.9	88.7	88.3	89.2	90.1	90.5	91.5	91.8	91.5	<b>92.4</b>
<b>EU27</b>	99.2	94.2	92.3	91.3	90.5	90.2	90.7	91.1	91.4	92.1	92.3	91.7	<b>92.5</b>
<b>BE</b>	98.3	98.5	93.8	93.2	94.1	91.5	91.0	91.9	92.6	91.7	91.8	:	:
<b>BG</b>	109.2	105.1	101.2	100.8	98.3	98.3	97.2	96.6	96.3	96.4	93.0	94.9	<b>95.2</b>
<b>CZ</b>	107.3	104.6	101.6	101.1	101.9	101.6	99.6	102.3	100.3	103.6	102.8	103.7	:
<b>DK</b>	96.8	95.5	93.3	90.9	88.7	87.8	86.4	85.2	87.7	84.6	82.6	82.3	<b>82.6</b>
<b>DE</b>	104.8	100.2	93.6	90.2	90.2	87.5	91.8	93.0	92.0	93.6	96.7	95.0	<b>95.7</b>
<b>EE</b>	95.8	90.5	85.9	82.8	80.7	77.2	79.5	79.2	81.2	82.6	80.0	80.3	<b>82.6</b>
<b>IE</b>	108.0	98.5	109.2	101.8	107.0	103.3	99.6	106.9	115.3	96.8	107.7	106.2	<b>97.7</b>
<b>EL</b>	94.8	93.6	91.3	93.3	91.2	89.1	90.3	88.9	89.6	90.4	89.0	88.4	<b>88.7</b>
<b>ES</b>	89.4	86.8	86.2	85.0	82.4	84.9	82.6	83.2	82.9	84.0	82.8	83.2	<b>83.3</b>
<b>FR</b>	93.0	91.6	87.5	87.1	86.0	84.8	86.8	87.0	87.5	90.0	88.9	88.4	<b>89.5</b>
<b>IT</b>	94.0	90.0	88.6	85.0	81.3	82.3	82.3	82.3	84.0	89.0	84.6	85.1	<b>85.3</b>
<b>CY</b>	108.1	105.0	101.5	101.5	98.6	98.0	99.0	98.9	100.6	97.7	97.9	97.9	:
<b>LV</b>	96.2	93.2	85.4	82.5	84.8	87.0	85.3	86.7	85.8	87.8	86.2	86.3	<b>93.8</b>
<b>LT</b>	106.3	106.9	103.9	99.4	92.4	91.3	98.0	99.5	103.0	98.0	96.3	95.9	<b>96.2</b>
<b>LU</b>	82.9	76.4	79.7	78.4	74.8	77.5	78.6	81.0	78.2	79.8	85.9	83.9	<b>83.5*</b>
<b>HU</b>	110.9	95.3	98.4	93.9	98.0	93.2	96.0	97.7	97.1	96.5	100.1	101.9	:
<b>MT</b>	:	:	:	:	:	:	:	:	:	:	:	:	:
<b>NL</b>	101.0	98.8	99.7	95.9	94.4	91.4	94.5	96.2	96.8	98.1	97.5	98.5	<b>99.3</b>
<b>AT</b>	107.4	107.4	107.7	99.7	100.9	98.5	98.0	98.9	100.6	100.6	100.8	103.6	:
<b>PL</b>	118.3	114.9	114.3	115.5	117.9	119.1	118.7	120.3	119.5	120.7	122.1	123.6	<b>126.3</b>
<b>PT</b>	95.0	91.9	88.1	88.3	91.3	91.5	90.4	90.0	90.6	95.0	92.7	91.1	<b>87.7</b>
<b>RO</b>	117.9	111.5	113.4	112.7	113.5	114.5	114.6	115.9	116.1	116.8	118.4	119.5	<b>121.5</b>
<b>SI</b>	101.1	96.2	98.5	95.3	95.0	91.1	93.6	94.0	93.6	98.2	98.8	95.3	<b>98.2</b>
<b>SK</b>	126.4	106.9	110.2	110.9	117.2	116.3	109.8	115.9	114.5	127.6	134.2	134.3	:
<b>FI</b>	112.5	101.1	91.0	92.4	93.3	91.2	90.1	92.1	91.5	93.5	92.2	93.6	<b>96.0</b>
<b>SE</b>	96.1	93.9	92.1	90.7	86.3	84.8	83.7	84.7	86.1	84.8	85.9	85.4	<b>85.1</b>
<b>UK</b>	92.9	91.4	89.0	88.3	88.1	88.2	87.6	88.0	88.4	85.8	86.9	86.9	<b>87.2</b>

: Data not available.

\* Estimated by Member State

**Production indices for total industry excluding construction  
working day adjusted**  
(base year 2005)

	11/06	11/07	11/08	12/08	01/09	02/09	03/09	04/09	05/09	06/09	07/09	08/09	09/09	10/09	11/09
<b>EA16</b>	111.5	115.0	104.6	92.3	89.2	87.4	94.6	86.7	88.4	92.6	91.6	74.2	96.5	98.2	<b>97.2</b>
<b>EU27</b>	111.9	115.2	105.0	93.4	89.5	88.0	95.6	88.2	89.5	93.2	90.6	77.7	96.6	98.6	<b>98.4</b>
<b>BE</b>	110.3	111.6	97.9	95.6	89.9	89.7	98.1	90.6	87.7	97.8	86.7	84.7	99.2	:	:
<b>BG</b>	113.2	123.3	115.4	112.6	87.2	91.8	98.5	94.3	95.1	99.7	101.1	96.1	94.1	99.9	<b>101.5</b>
<b>CZ</b>	147.4	157.4	139.1	104.0	95.8	95.1	106.0	103.2	102.6	108.1	96.0	96.6	131.4	115.5	:
<b>DK</b>	113.4	110.7	105.4	95.2	93.8	87.0	90.7	84.0	84.9	87.0	74.5	83.1	85.5	88.6	<b>90.2</b>
<b>DE</b>	115.4	121.0	111.8	96.1	88.4	86.9	95.9	86.8	89.9	94.4	92.1	86.4	101.2	100.0	<b>102.0</b>
<b>EE</b>	117.7	122.0	101.0	91.8	81.1	78.0	84.2	77.4	83.8	82.5	74.0	84.8	84.7	86.9	<b>87.2</b>
<b>IE</b>	99.5	110.5	111.1	93.9	107.8	104.1	115.2	108.7	105.0	110.5	99.9	93.8	103.4	105.9	<b>100.7</b>
<b>EL</b>	96.7	101.8	92.5	90.4	82.3	91.5	89.9	88.4	91.4	95.4	99.4	84.3	94.7	87.8	<b>87.0</b>
<b>ES</b>	112.1	111.2	93.1	79.1	84.0	82.9	86.7	84.1	82.5	86.9	91.7	62.1	87.0	88.8	<b>87.8</b>
<b>FR</b>	104.6	106.5	96.4	92.1	89.1	85.6	92.9	83.0	81.1	92.4	87.6	66.9	94.5	96.6	<b>93.2</b>
<b>IT</b>	110.8	110.9	100.0	82.8	85.1	84.2	87.7	83.1	89.8	86.5	93.4	47.7	89.8	94.6	<b>91.9</b>
<b>CY</b>	101.2	110.2	107.1	110.3	92.6	93.2	96.5	92.2	100.7	108.4	121.2	75.6	105.4	101.0	:
<b>LV</b>	109.7	112.4	100.0	99.3	82.8	80.8	88.7	89.5	89.9	86.8	81.9	86.6	87.5	92.3	<b>97.6</b>
<b>LT</b>	107.9	109.8	108.0	111.8	103.1	97.1	97.0	91.7	97.5	98.8	99.6	98.1	97.4	98.4	<b>97.9</b>
<b>LU</b>	108.4	104.1	85.6	67.5	79.1	73.8	76.7	78.1	81.4	84.0	80.1	67.5	92.4	90.8	<b>86.2*</b>
<b>HU</b>	126.3	133.2	122.0	96.8	90.5	87.5	102.9	90.6	95.8	99.7	93.3	88.1	106.0	112.9	:
<b>MT</b>	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:
<b>NL</b>	108.8	116.9	110.4	108.0	108.7	100.3	104.1	87.9	87.8	91.6	85.9	82.8	93.5	102.6	<b>108.7</b>
<b>AT</b>	119.6	123.1	115.5	107.6	93.5	94.2	110.2	96.8	96.4	100.8	101.2	89.4	108.0	110.3	:
<b>PL</b>	121.0	131.2	122.9	115.5	108.3	108.5	121.5	121.0	120.1	122.2	115.5	115.7	127.7	132.3	<b>131.9</b>
<b>PT</b>	110.9	106.4	99.1	88.8	90.3	85.7	93.9	89.8	92.7	89.7	96.7	74.5	95.6	96.7	<b>91.9</b>
<b>RO</b>	118.7	129.7	122.7	101.0	100.8	108.7	119.0	112.4	123.0	123.3	122.0	107.6	125.7	130.2	<b>128.1</b>
<b>SI</b>	118.4	122.0	110.1	88.6	96.7	90.8	99.8	91.1	96.3	97.5	92.5	82.3	103.7	103.0	<b>107.5</b>
<b>SK</b>	130.2	157.5	136.8	103.9	106.8	106.7	123.0	115.5	110.5	116.6	108.5	116.7	137.5	144.1	:
<b>FI</b>	114.5	126.3	117.0	100.4	83.9	86.4	95.9	92.3	94.1	92.9	83.8	92.6	95.9	101.7	<b>100.2</b>
<b>SE</b>	110.4	114.9	100.9	97.0	86.4	88.1	93.3	87.3	86.2	90.6	65.8	75.2	90.0	88.6	<b>89.0</b>
<b>UK</b>	107.3	107.0	98.6	90.9	85.6	84.8	93.5	86.4	85.7	87.6	84.6	82.2	87.7	92.4	<b>93.7</b>

: Data not available

\* Estimated by Member State