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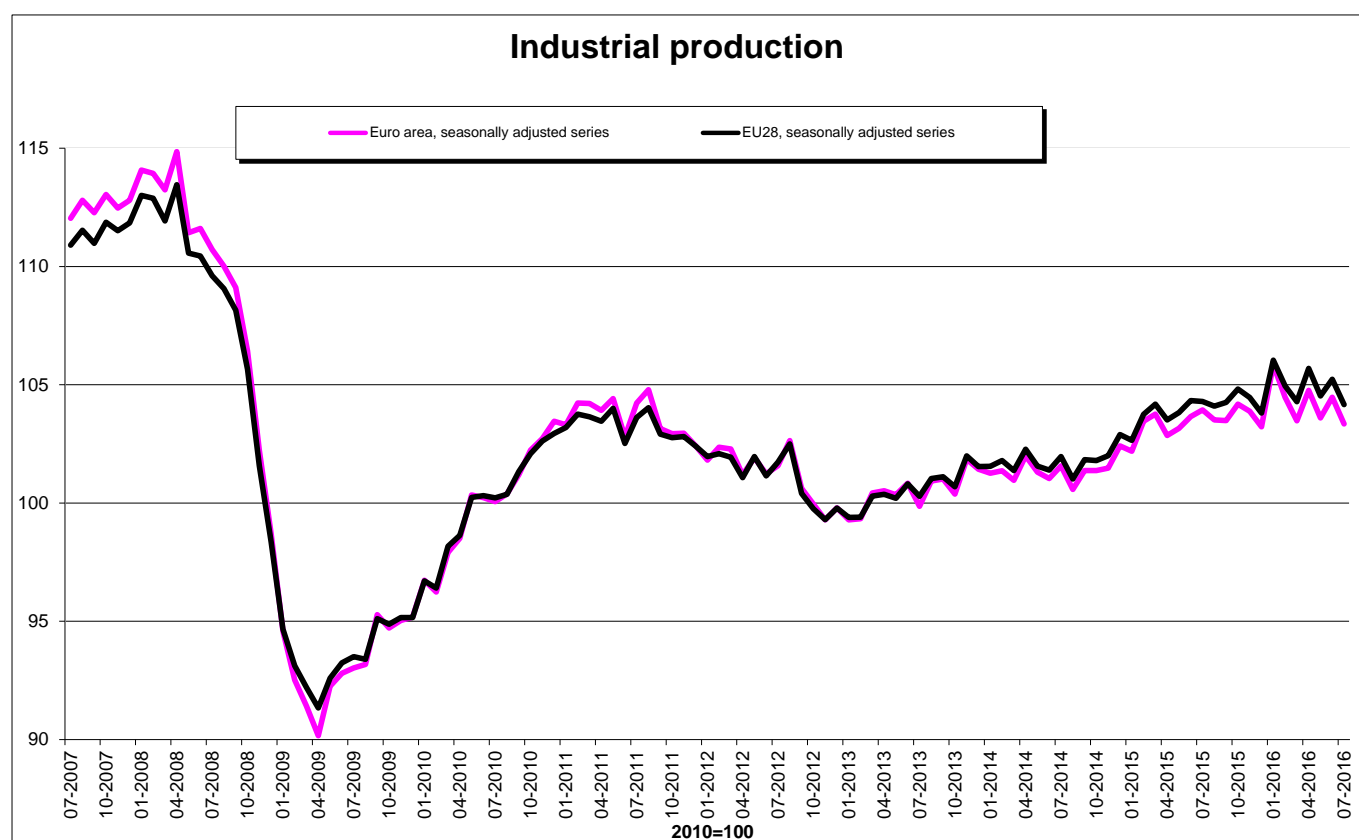
July 2016 compared with June 2016

Industrial production down by 1.1% in euro area

Down by 1.0% in EU28

In July 2016 compared with June 2016, seasonally adjusted industrial production fell by 1.1% in the **euro area** (EA19) and by 1.0% in the **EU28**, according to estimates from **Eurostat, the statistical office of the European Union**. In June 2016 industrial production rose by 0.8% in the **euro area** and by 0.7% in the **EU28**.

In July 2016 compared with July 2015, industrial production decreased by 0.5% in the **euro area** and by 0.1% in the **EU28**.



Monthly comparison by main industrial grouping and by Member State

The decrease of 1.1% in industrial production in the **euro area** in July 2016, compared with June 2016, is due to production of capital goods falling by 1.7%, energy by 1.4%, durable consumer goods by 0.7% and intermediate goods by 0.5%, while production of non-durable consumer goods remained unchanged.

In the **EU28**, the decrease of 1.0% is due to production of capital goods falling by 2.1%, durable consumer goods by 0.6%, intermediate goods by 0.4% and energy by 0.2%, while production of non-durable consumer goods rose by 0.2%.

Among Member States for which data are available, the largest decreases in industrial production were registered in **Slovakia** (-15.9%), the **Czech Republic** (-9.7%) and the **Netherlands** (-5.8%), and the highest increases in **Estonia** (+4.5%), **Ireland** (+3.7%) and **Denmark** (+2.3%).

Annual comparison by main industrial grouping and by Member State

The decrease of 0.5% in industrial production in the **euro area** in July 2016, compared with July 2015, is due to production of energy falling by 5.9% and capital goods by 1.2%, while intermediate goods rose by 0.3%, non-durable consumer goods by 1.3% and durable consumer goods by 2.6%.

In the **EU28**, the decrease of 0.1% is due to production of energy falling by 4.0% and capital goods by 0.7%, while intermediate goods rose by 0.4%, non-durable consumer goods by 1.2% and durable consumer goods by 3.1%.

Among Member States for which data are available, the largest decreases in industrial production were registered in **Slovakia** (-14.3%), the **Czech Republic** (-7.6%) and **Malta** (-3.9%), and the highest increases in **Denmark** and **Slovenia** (both +7.4%), **Finland** (+6.8%) and **Ireland** (+5.0%).

Geographical information

The **euro area** (EA19) includes Belgium, Germany, Estonia, Ireland, Greece, Spain, France, Italy, Cyprus, Latvia, Lithuania, Luxembourg, Malta, the Netherlands, Austria, Portugal, Slovenia, Slovakia and Finland.

The **European Union** (EU28) 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.

Methods and definitions

The **index of industrial production** measures the evolution of the volume of production for industry excluding construction, based on data adjusted for calendar and seasonal effects.

Seasonally adjusted euro area and EU series are calculated by aggregating the seasonally adjusted national data. Eurostat carries out the seasonal adjustment of the data for those countries that do not adjust their data for seasonal effects.

Total industry covers NACE rev.2 sections B to D. Missing observations from Member States for recent months are estimated for the calculation of the euro area and the EU aggregates.

Revisions and timetable

Compared with data issued in the News Release 156/2016 of 12 August 2016, the monthly percentage changes for June 2016 have been revised from +0.6% to +0.8% in the euro area and from +0.5% to +0.7% in the EU28. The annual percentage changes have been revised from +0.4% to +0.7% in the euro area and from +0.5% to +0.8% in the EU28.

For more information

Eurostat database section on short-term business statistics

Eurostat Statistics Explained article on the industrial production index

The weights of the Member States in the EU and euro area aggregates

(See file EU-28_EA-19_NEWS_RELEASE_WEIGHTINGS_2010)


Eurostat €-indicators release calendar

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Industrial production
% change compared with previous month*

	Feb-16	Mar-16	Apr-16	May-16	Jun-16	Jul-16
EA19						
Total industry	-1.3	-1.0	1.2	-1.1	0.8	-1.1
Intermediate goods	0.0	-1.0	0.5	-0.2	-0.3	-0.5
Energy	-1.8	3.2	0.2	-2.5	-0.5	-1.4
Capital goods	-1.8	-1.2	2.0	-2.2	1.6	-1.7
Durable consumer goods	0.0	-0.8	2.5	-1.4	1.2	-0.7
Non-durable consumer goods	-2.3	-3.1	2.7	-0.4	1.0	0.0
EU28						
Total industry	-1.0	-0.6	1.3	-1.1	0.7	-1.0
Intermediate goods	0.1	-0.9	0.5	-0.3	-0.2	-0.4
Energy	-1.7	2.6	0.7	-2.1	-0.5	-0.2
Capital goods	-1.6	-0.8	1.8	-2.0	1.5	-2.1
Durable consumer goods	0.3	-0.9	2.0	-0.8	1.0	-0.6
Non-durable consumer goods	-1.8	-2.4	3.1	-1.0	0.4	0.2

The source dataset is available [here](#).

Total industry	Feb-16	Mar-16	Apr-16	May-16	Jun-16	Jul-16
EA19	-1.3	-1.0	1.2	-1.1	0.8	-1.1
EU28	-1.0	-0.6	1.3	-1.1	0.7	-1.0
Belgium	-2.3	-1.0	0.3	-0.4	2.1	:
Bulgaria	0.2	-0.7	-0.4	-1.7	3.9	-1.6
Czech Republic	-0.8	1.5	-1.2	-0.1	2.3	-9.7
Denmark	-1.0	-0.1	1.1	0.2	-0.1	2.3
Germany	-1.1	-0.8	0.7	-1.1	1.3	-1.9
Estonia	-0.3	-3.2	5.2	-3.2	-2.0	4.5
Ireland	-9.6	-18.2	13.1	-1.9	8.2	3.7
Greece	-4.4	-0.4	4.1	-4.2	4.1	-1.0
Spain	-0.4	1.3	-0.3	-0.6	-0.1	-0.1
France	-1.2	-0.3	1.0	-0.5	-0.7	-0.6
Croatia	-0.1	3.9	-2.8	-1.4	0.2	-0.5
Italy	-0.8	-0.1	0.4	-0.6	-0.3	0.4
Cyprus	0.2	1.2	1.1	-3.0	3.1	:
Latvia	0.0	4.5	-1.7	2.2	0.6	-1.9
Lithuania	1.2	-3.6	-3.0	4.0	-0.5	1.1
Luxembourg	0.8	-0.3	-3.0	1.1	3.4	-0.4**
Hungary	-1.1	-1.7	5.9	-0.6	-2.4	-0.3
Malta	3.0	-0.9	1.3	0.0	-0.8	0.7
Netherlands	-1.0	1.1	2.2	-5.3	1.3	-5.8
Austria	-1.9	2.6	0.2	-0.7	-0.5	:
Poland	0.0	-0.7	2.3	-1.1	0.4	-1.7
Portugal	0.8	-1.2	5.9	-3.8	1.9	-1.1
Romania	0.8	0.8	2.1	-4.2	2.2	0.6
Slovenia	0.4	-0.4	0.5	0.7	0.5	1.2
Slovakia	2.8	-2.7	3.6	0.1	-1.3	-15.9
Finland	2.1	-2.1	2.4	0.2	1.4	1.2
Sweden	-0.1	0.6	-0.2	-2.7	-1.1	0.6
United Kingdom	-0.1	0.5	2.3	-0.7	0.0	0.1
Norway	0.4	-0.2	0.9	-0.2	-4.7	5.4

* Calendar and seasonally adjusted

** Estimated by Member State

: Data not available

The source dataset is available [here](#).

Industrial production

% change compared with same month of the previous year*

	Feb-16	Mar-16	Apr-16	May-16	Jun-16	Jul-16
EA19						
Total industry	0.6	-0.2	1.9	0.4	0.7	-0.5
Intermediate goods	2.4	0.6	1.5	1.0	0.4	0.3
Energy	-6.7	-0.4	2.0	-1.1	-3.3	-5.9
Capital goods	2.6	0.9	3.0	-0.3	1.5	-1.2
Durable consumer goods	2.1	1.4	2.5	-0.6	1.4	2.6
Non-durable consumer goods	0.5	-3.7	1.4	0.5	1.6	1.3
EU28						
Total industry	0.7	0.1	2.5	0.9	0.8	-0.1
Intermediate goods	2.1	0.4	1.3	0.9	0.4	0.4
Energy	-4.7	0.0	1.8	-1.6	-3.0	-4.0
Capital goods	2.6	1.3	3.0	0.5	1.8	-0.7
Durable consumer goods	3.1	1.7	3.1	1.1	1.6	3.1
Non-durable consumer goods	0.5	-3.2	2.5	0.8	1.1	1.2

The source dataset is available [here](#).

Total industry	Feb-16	Mar-16	Apr-16	May-16	Jun-16	Jul-16
EA19	0.6	-0.2	1.9	0.4	0.7	-0.5
EU28	0.7	0.1	2.5	0.9	0.8	-0.1
Belgium	5.7	1.2	2.4	1.6	6.4	:
Bulgaria	2.7	2.6	2.6	-3.4	4.0	2.3
Czech Republic	1.8	4.1	1.4	1.4	4.0	-7.6
Denmark	3.0	-0.9	1.6	3.9	-1.2	7.4
Germany	1.2	0.3	0.9	-0.3	1.0	-1.6
Estonia	-1.7	-4.7	0.5	-2.1	-3.6	2.2
Ireland	-9.3	-19.4	0.7	-0.6	1.3	5.0
Greece	-2.9	-3.9	3.5	3.4	8.0	4.1
Spain	1.8	3.7	2.8	1.1	0.2	-0.6
France	0.7	-0.5	2.1	0.6	-1.1	-0.2
Croatia	4.7	6.9	5.0	1.7	4.1	1.2
Italy	1.1	0.5	1.8	-0.6	-0.9	-0.3
Cyprus	8.9	10.5	10.2	3.1	10.6	:
Latvia	3.8	2.8	0.0	5.4	7.9	2.7
Lithuania	5.6	2.7	-1.6	0.2	-1.4	-0.7
Luxembourg	1.5	0.6	-1.3	-1.3	4.3	3.7**
Hungary	1.8	-3.1	5.0	4.4	-0.3	-0.2
Malta	-2.8	-4.3	-2.4	-3.9	-6.6	-3.9
Netherlands	-4.7	2.0	5.5	1.6	1.4	-2.5
Austria	-1.4	3.2	3.7	2.5	0.7	:
Poland	2.9	0.5	5.9	3.2	3.8	0.9
Portugal	2.1	0.3	3.4	-2.0	1.3	-1.6
Romania	-0.9	-2.0	4.3	-1.3	-1.3	1.0
Slovenia	6.4	4.9	5.6	5.2	6.2	7.4
Slovakia	7.1	-2.0	7.6	9.6	2.3	-14.3
Finland	3.1	-3.0	1.9	2.1	3.9	6.8
Sweden	5.6	5.7	3.0	-2.0	-3.0	0.9
United Kingdom	-1.1	0.3	4.3	3.6	1.1	2.3
Norway	-0.7	-1.7	6.0	1.6	-5.8	0.5

* Calendar adjusted

** Estimated by Member State

: Data not available

The source dataset is available [here](#).

Production indices for total industry, calendar and seasonally adjusted
(base year 2010)

	07/15	08/15	09/15	10/15	11/15	12/15	01/16	02/16	03/16	04/16	05/16	06/16	07/16
EA19	103.9	103.5	103.5	104.2	103.9	103.2	105.9	104.5	103.5	104.8	103.6	104.5	103.3
EU28	104.3	104.1	104.3	104.8	104.5	103.8	106.0	104.9	104.3	105.7	104.5	105.2	104.2
Belgium	103.3	103.3	103.5	104.5	106.9	102.6	109.2	106.7	105.6	105.9	105.6	107.8	:
Bulgaria	110.1	110.1	109.2	110.4	110.9	112.5	113.0	113.2	112.4	111.9	110.0	114.3	112.4
Czech Republic	117.7	113.1	115.9	117.5	116.0	114.2	118.3	117.3	119.1	117.7	117.6	120.3	108.6
Denmark	103.1	107.0	105.2	101.6	100.6	104.2	107.2	106.1	106.0	107.2	107.4	107.3	109.8
Germany	109.9	108.9	108.5	108.7	108.3	108.3	111.3	110.1	109.2	110.0	108.8	110.2	108.1
Estonia	127.2	128.2	128.4	128.9	125.4	123.5	129.2	128.8	124.7	131.2	127.0	124.4	130.0
Ireland	159.4	159.4	159.1	165.3	162.9	155.9	184.5	166.7	136.4	154.3	151.3	163.7	169.7
Greece	85.8	89.9	88.5	87.4	90.7	92.9	91.5	87.5	87.2	90.7	86.9	90.5	89.6
Spain	95.3	93.9	95.2	95.5	95.5	95.4	95.1	94.8	96.0	95.7	95.1	95.0	94.9
France	99.4	101.9	101.6	102.0	101.4	100.6	101.8	100.6	100.3	101.4	100.8	100.2	99.6
Croatia	96.1	92.5	98.0	99.7	98.1	96.2	98.2	98.1	101.9	99.0	97.6	97.8	97.3
Italy	92.7	92.4	92.2	92.8	92.3	91.7	93.2	92.5	92.4	92.8	92.2	91.9	92.3
Cyprus	74.4	75.4	75.3	74.7	76.6	76.4	78.3	78.4	79.4	80.3	77.9	80.3	:
Latvia	119.8	118.4	118.0	118.2	119.3	118.4	118.9	118.9	124.2	122.1	124.8	125.5	123.1
Lithuania	121.9	117.7	115.9	128.3	125.7	121.6	122.7	124.2	119.7	116.1	120.8	120.2	121.5
Luxembourg	97.7	100.4	97.4	100.0	101.7	99.2	99.8	100.6	100.3	97.3	98.4	101.7	101.3*
Hungary	121.1	119.2	122.5	124.0	122.2	121.5	121.8	120.4	118.3	125.3	124.5	121.5	121.1
Malta	100.5	99.3	99.6	101.4	98.6	97.8	93.2	96.1	95.2	96.5	96.5	95.8	96.5
Netherlands	93.1	89.9	91.2	93.7	93.5	92.3	94.7	93.8	94.8	96.9	91.8	93.0	87.6
Austria	112.1	110.3	109.9	112.1	111.1	109.6	112.2	110.1	113.0	113.2	112.4	111.8	:
Poland	119.4	117.9	119.8	120.8	121.6	122.5	122.2	122.2	121.4	124.2	122.8	123.3	121.2
Portugal	99.1	97.1	96.1	99.9	96.2	94.7	95.5	96.3	95.1	100.7	96.9	98.7	97.6
Romania	132.2	131.6	133.1	132.7	132.6	132.2	129.5	130.5	131.5	134.3	128.6	131.4	132.2
Slovenia	107.0	106.9	107.8	107.3	107.8	106.7	111.0	111.4	111.0	111.5	112.3	112.9	114.3
Slovakia	139.9	134.0	138.3	136.6	140.5	140.6	138.4	142.3	138.5	143.5	143.7	141.8	119.2
Finland	92.9	92.8	94.0	93.3	93.7	94.8	93.1	95.1	93.1	95.3	95.5	96.8	98.0
Sweden	95.3	98.8	99.4	99.5	99.9	96.9	99.2	99.1	99.7	99.5	96.8	95.7	96.3
United Kingdom	98.3	99.3	99.4	99.5	98.7	97.6	98.4	98.3	98.8	101.0	100.3	100.3	100.4
Norway	97.9	99.2	100.7	96.8	96.6	95.9	97.1	97.5	97.3	98.2	98.0	93.4	98.4

* Estimated by Member State

: Data not available

The source dataset is available [here](#).

Production indices for total industry, calendar adjusted
(base year 2010)

	07/13	07/14	07/15	08/15	09/15	10/15	11/15	12/15	01/16	02/16	03/16	04/16	05/16	06/16	07/16
EA19	101.6	103.5	106.1	87.1	107.5	109.4	108.4	98.6	101.3	102.4	111.5	104.0	103.4	107.4	105.6
EU28	100.4	102.2	104.7	90.0	107.9	110.2	109.2	99.6	101.8	102.4	112.2	105.1	104.5	107.8	104.6
Belgium	97.4	94.9	95.2	93.8	109.2	110.5	108.2	101.2	107.0	104.7	114.9	105.9	104.5	113.7	:
Bulgaria	109.7	109.9	113.7	106.5	109.2	114.6	118.0	116.1	108.2	106.5	112.4	109.9	103.7	115.9	116.3
Czech Republic	97.1	102.9	110.5	103.8	119.4	125.7	123.9	107.8	112.6	113.1	127.4	118.0	117.8	125.2	102.1
Denmark	91.3	88.8	90.0	106.0	111.0	111.6	108.3	99.4	107.2	101.6	109.3	103.9	106.2	110.3	96.7
Germany	106.2	109.9	111.2	101.1	113.1	113.3	115.1	102.9	103.9	106.6	117.5	108.6	106.3	112.0	109.4
Estonia	118.4	123.4	116.5	127.3	133.4	138.9	131.2	116.6	123.6	121.0	131.2	130.5	132.1	124.5	119.1
Ireland**	93.9	112.6	160.8	151.3	163.4	163.5	161.8	152.4	186.8	152.7	144.9	160.1	147.2	164.0	168.9
Greece	97.7	97.7	95.3	87.2	92.4	85.2	88.0	89.7	83.4	85.3	87.5	90.6	88.6	97.1	99.2
Spain	96.1	96.8	102.2	73.3	98.5	99.9	98.2	88.1	92.1	93.9	102.8	95.0	99.5	99.6	101.6
France	99.2	99.1	98.3	77.5	105.0	107.8	103.1	100.4	102.3	100.7	109.6	103.3	96.1	106.1	98.1
Croatia	95.9	97.2	101.1	85.6	99.4	103.0	102.7	95.1	88.5	92.0	106.5	99.5	101.7	96.8	102.3
Italy	104.7	103.5	106.4	59.2	97.7	101.1	95.8	79.9	88.4	93.9	101.2	92.1	100.2	96.0	106.1
Cyprus	85.6	85.8	89.1	67.8	80.9	75.4	73.3	74.8	69.7	70.9	77.1	78.7	81.7	87.7	:
Latvia	117.2	114.9	121.2	124.4	122.1	131.5	125.8	117.2	103.2	100.0	121.6	122.3	127.0	127.9	124.4
Lithuania	111.1	113.9	121.4	117.4	116.4	131.7	130.0	122.3	118.7	119.3	121.2	112.5	120.8	120.4	120.6
Luxembourg	94.9	100.1	99.2	87.1	99.2	108.2	104.2	91.8	97.1	99.0	106.4	99.6	99.0	103.7	102.8*
Hungary	102.3	115.0	118.7	107.0	130.6	132.7	134.5	114.6	117.4	113.8	123.6	124.5	126.6	125.1	118.5
Malta	100.7	99.4	108.3	92.4	103.5	106.7	97.2	84.8	88.4	90.8	102.5	97.4	97.8	102.0	104.1
Netherlands	82.3	84.4	81.5	75.2	86.9	96.1	101.4	99.3	102.3	98.3	105.2	93.6	88.1	89.4	79.5
Austria	107.9	109.1	113.6	99.0	117.1	118.5	117.9	108.9	100.2	102.5	120.9	112.9	110.6	114.6	:
Poland	110.0	112.5	116.9	111.6	125.9	130.5	126.6	118.3	116.4	116.3	128.0	123.1	120.3	124.3	118.0
Portugal	95.6	100.6	103.8	81.6	99.1	101.5	98.6	87.2	96.3	96.8	99.3	98.4	100.6	101.9	102.1
Romania	122.0	128.9	133.7	113.9	137.1	141.2	139.9	122.6	124.4	126.2	137.1	134.3	133.7	131.8	135.1
Slovenia	98.3	104.1	108.0	91.2	113.0	113.4	112.0	96.5	106.9	108.2	120.3	110.2	115.4	119.1	116.0
Slovakia	107.1	119.3	132.6	117.0	141.2	149.3	152.1	128.4	130.8	142.7	144.8	145.6	147.6	148.4	113.6
Finland	87.3	85.4	85.7	94.4	101.6	107.3	104.8	106.4	73.4	80.4	93.5	87.8	99.5	96.4	91.5
Sweden	80.0	76.7	77.6	89.4	103.3	106.7	106.0	98.8	94.8	96.4	108.3	102.9	96.9	99.5	78.3
United Kingdom	94.7	95.9	96.6	92.4	99.8	102.5	102.3	95.8	97.0	95.5	107.7	101.4	102.3	100.9	98.9
Norway	87.6	85.1	87.6	96.8	96.2	102.7	101.0	98.5	103.0	95.6	102.2	96.1	96.9	89.2	88.0

* Estimated by Member State

** Data for Ireland have been revised as of January 2015. The changes arise due to increased globalisation. Eurostat will review the underlying methodology in due course.

: Data not available

The source dataset is available [here](#).