

21/2021 - 15 February 2021

December 2020 compared with November 2020

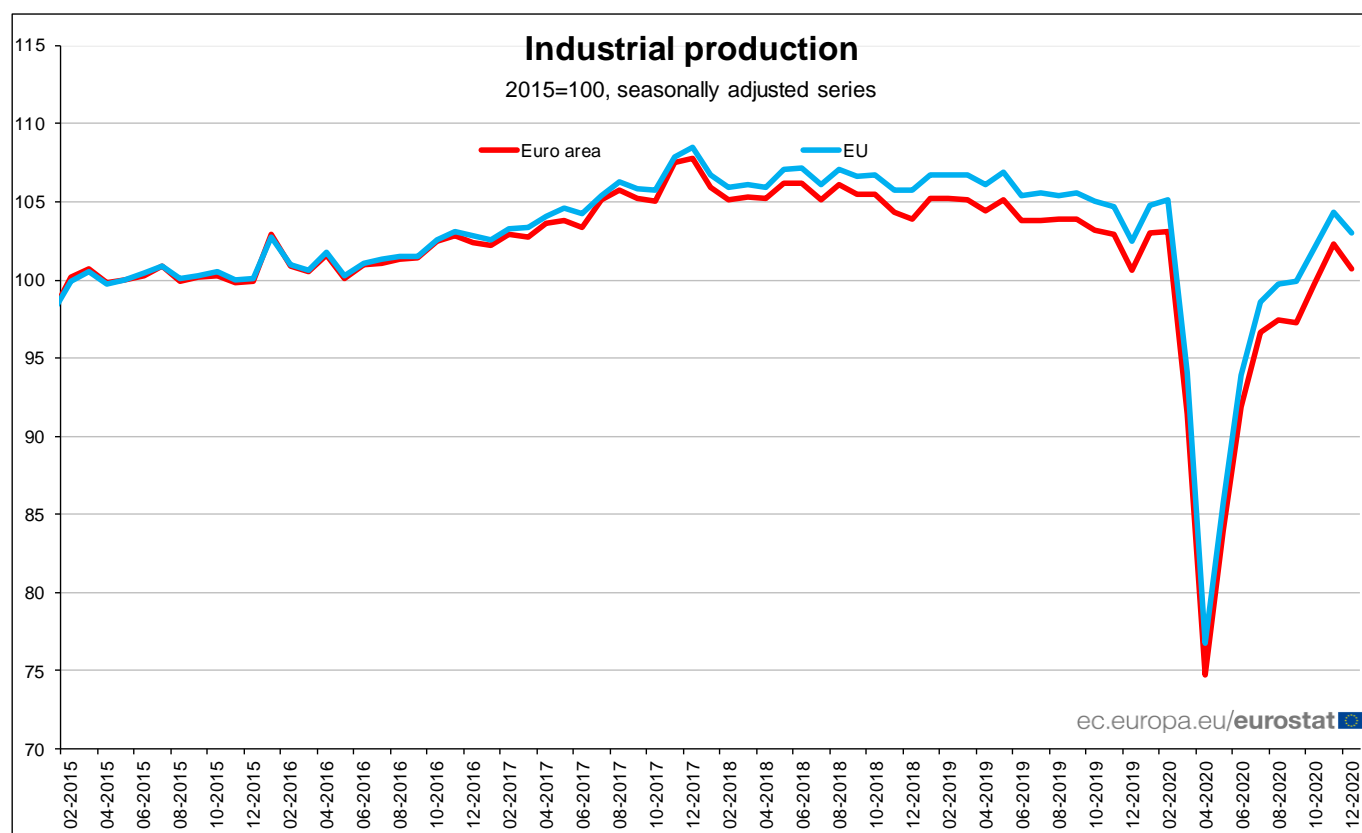
Industrial production down by 1.6% in euro area and 1.2% in EU

Down by 0.8% and 0.4% compared with December 2019

In December 2020, the seasonally adjusted industrial production fell by 1.6% in the **euro area** and by 1.2% in the **EU**, compared with November 2020, according to estimates from **Eurostat, the statistical office of the European Union**. In November 2020, industrial production grew by 2.6% in the **euro area** and by 2.3% in the **EU**.

In December 2020 compared with December 2019, industrial production decreased by 0.8% in the **euro area** and by 0.4% in the **EU**.

The annual average industrial production for the year 2020, compared with 2019, fell by 8.7% in the **euro area** and by 8.0% in the **EU**.



Monthly comparison by main industrial grouping and by Member State

In the **euro area** in December 2020, compared with November 2020, production of capital goods fell by 3.1% and non-durable consumer goods by 0.6%, while production of durable consumer goods rose by 0.8%, intermediate goods by 1.0% and energy by 1.4%.

In the **EU**, production of capital goods fell by 2.8% and non-durable consumer goods by 0.1%, while production of intermediate goods rose by 0.9%, energy by 1.0% and durable consumer goods by 1.5%.

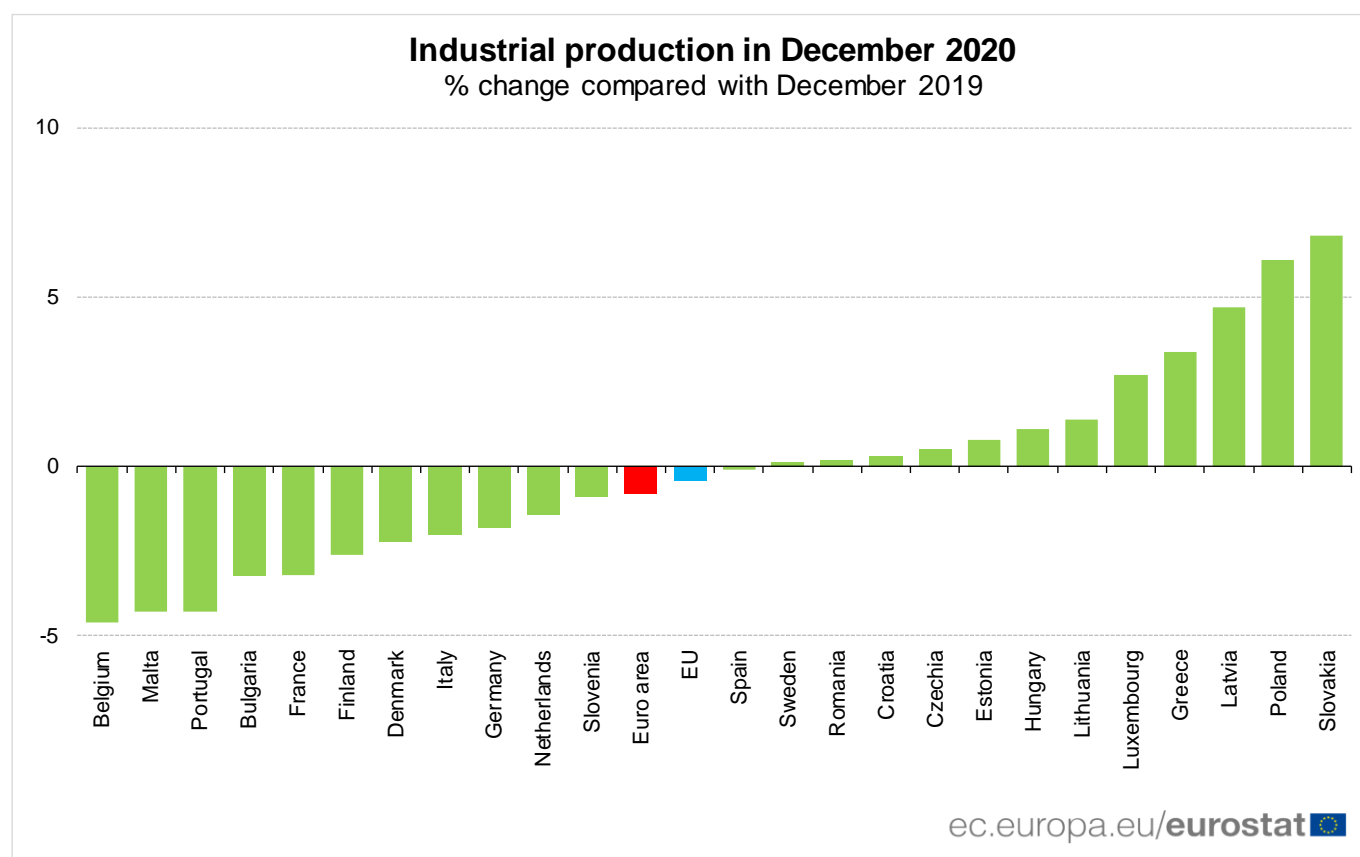
Among Member States, for which data are available, the largest decreases were registered in **Hungary** (-2.5%), **Belgium** (-1.9%) and **Finland** (-0.9%). The highest increases were observed in **Denmark** (+2.4%), **Portugal** (+1.8%), **Estonia** and **Luxembourg** (both +1.6%).

Annual comparison by main industrial grouping and by Member State

In the **euro area** in December 2020, compared with December 2019, production of non-durable consumer goods fell by 3.9%, capital goods by 3.1% and energy by 1.9%, while production of durable consumer goods rose by 1.4% and intermediate goods by 4.1%.

In the **EU**, production of non-durable consumer goods fell by 3.1%, capital goods by 2.8% and energy by 2.5%, while production of durable consumer goods rose by 4.2% and intermediate goods by 4.4%.

Among Member States, for which data are available, the largest decreases in industrial production were registered in **Belgium** (-4.6%), **Malta** and **Portugal** (both -4.3%). The highest increases were observed in **Slovakia** (+6.8%), **Poland** (+6.1%) and **Latvia** (+4.7%).



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** (EU27) includes Belgium, Bulgaria, Czechia, Denmark, Germany, Estonia, Ireland, Greece, Spain, France, Croatia, Italy, Cyprus, Latvia, Lithuania, Luxembourg, Hungary, Malta, the Netherlands, Austria, Poland, Portugal, Romania, Slovenia, Slovakia, Finland and Sweden.

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 [8/2021](#) of 13 January 2021, the monthly percentage change for November 2020 has been revised from +2.5% to +2.6% in the euro area and remained unchanged at +2.3% in the EU. The annual percentage change remained unchanged at -0.6% in the euro area and has been revised from -0.4% to -0.5% in the EU.

For more information

Eurostat [database section](#) on short-term business statistics

Eurostat [Statistics Explained article](#) on the industrial production index

Eurostat [Statistics Explained article](#) on the impact of COVID-19 crisis on industrial production

The [weights of the Member States](#) in the EU and euro area aggregates

(See file NEWS_RELEASE_WEIGHTINGS_2015)

Eurostat €-indicators [release calendar](#)

European Statistics [Code of Practice](#)

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Industrial production
% change compared with previous month*

	Jul-20	Aug-20	Sep-20	Oct-20	Nov-20	Dec-20
Euro area						
Total industry	5.1	0.8	-0.1	2.5	2.6	-1.6
Intermediate goods	5.1	3.4	0.7	2.3	1.8	1.0
Energy	0.7	3.4	-0.7	2.3	-4.0	1.4
Capital goods	6.6	-1.3	0.9	2.9	6.8	-3.1
Durable consumer goods	6.0	6.4	-3.4	1.6	-1.0	0.8
Non-durable consumer goods	3.7	-1.6	2.3	0.2	-1.3	-0.6
EU						
Total industry	5.0	1.1	0.2	2.1	2.3	-1.2
Intermediate goods	4.6	3.2	0.9	2.3	1.7	0.9
Energy	1.4	2.2	-0.5	1.7	-3.0	1.0
Capital goods	7.0	-0.7	1.4	2.8	5.7	-2.8
Durable consumer goods	6.3	5.4	-2.3	1.3	-0.9	1.5
Non-durable consumer goods	2.7	-0.3	1.3	-0.3	-0.9	-0.1

Source dataset: [sts_inpr_m](#)

Total industry	Jul-20	Aug-20	Sep-20	Oct-20	Nov-20	Dec-20
Euro area	5.1	0.8	-0.1	2.5	2.6	-1.6
EU	5.0	1.1	0.2	2.1	2.3	-1.2
Belgium	4.4	-0.6	1.1	6.3	-2.8	-1.9
Bulgaria	2.1	0.9	2.5	0.4	-1.7	0.1
Czechia	6.3	-0.6	3.5	2.7	-1.7	0.2
Denmark	-3.8	3.2	2.1	-6.2	6.8	2.4
Germany	2.0	0.9	1.9	3.8	1.3	0.6
Estonia	2.4	-2.2	1.4	2.8	-1.5	1.6
Ireland***	15.5	-13.9	-5.5	-0.2	50.6	:
Greece	3.4	-1.3	2.0	-2.9	6.4	-0.6
Spain	10.3	0.5	0.7	0.8	-0.4	0.7
France	3.8	1.1	1.7	1.8	-0.8	-0.8
Croatia	3.1	-1.0	1.4	1.8	-2.7	0.7
Italy	7.6	7.0	-5.0	1.4	-1.4	-0.2
Cyprus	2.9	0.4	2.5	0.6	0.1	:
Latvia	-0.4	-0.3	0.6	0.2	1.5	0.8
Lithuania	2.1	2.0	0.5	-1.3	0.4	0.6
Luxembourg	5.7	0.9	2.3	0.8	-0.3	1.6**
Hungary	6.7	6.0	2.2	2.3	-0.9	-2.5
Malta	4.3	2.4	-0.9	1.1	-1.4	0.8
Netherlands	3.2	0.2	0.1	2.4	-0.7	-0.1
Austria	6.9	-0.6	2.4	2.6	-1.7	:
Poland	5.9	0.5	3.0	1.5	1.1	0.5
Portugal	13.5	9.8	-3.5	1.4	-4.8	1.8
Romania	5.3	5.3	1.5	1.8	-0.4	0.9
Slovenia	7.3	1.9	0.2	2.7	0.3	-0.6
Slovakia	4.7	2.8	2.2	-1.1	3.1	-0.3
Finland	0.7	1.9	-2.1	1.4	0.8	-0.9
Sweden	4.3	5.5	-1.8	0.5	0.4	0.1
Norway	2.5	1.1	-1.6	-3.4	1.7	3.3
Switzerland	1.7	0.4	3.3	:	:	:

* Calendar and seasonally adjusted ** Calculated by Eurostat on the basis of calendar adjusted national data

*** CSO Ireland is carrying out a review of the Seasonal Adjustment methodology for Industrial Production and Turnover

: Data not available

Source dataset: [sts_inpr_m](#)

Industrial production
% change compared with same month of the previous year*

	Jul-20	Aug-20	Sep-20	Oct-20	Nov-20	Dec-20
Euro area						
Total industry	-7.1	-6.8	-6.6	-3.7	-0.6	-0.8
Intermediate goods	-8.7	-5.0	-3.4	-1.0	1.3	4.1
Energy	-6.4	-3.2	-2.5	0.5	-4.9	-1.9
Capital goods	-9.2	-12.6	-13.1	-8.1	0.1	-3.1
Durable consumer goods	-3.0	4.5	0.4	0.3	-0.1	1.4
Non-durable consumer goods	-1.8	-3.6	-2.2	-2.5	-3.0	-3.9
EU						
Total industry	-6.8	-5.9	-5.7	-3.0	-0.5	-0.4
Intermediate goods	-7.9	-4.2	-2.7	-0.4	1.9	4.4
Energy	-6.6	-3.7	-3.2	-0.9	-5.1	-2.5
Capital goods	-9.1	-11.6	-11.6	-7.0	0.3	-2.8
Durable consumer goods	-0.7	5.8	2.3	2.4	1.7	4.2
Non-durable consumer goods	-2.2	-2.4	-2.1	-2.8	-3.0	-3.1

Source dataset: [sts_inpr_m](#)

	Jul-20	Aug-20	Sep-20	Oct-20	Nov-20	Dec-20
Total industry						
Euro area	-7.1	-6.8	-6.6	-3.7	-0.6	-0.8
EU	-6.8	-5.9	-5.7	-3.0	-0.5	-0.4
Belgium	0.3	-6.4	-4.2	5.2	0.2	-4.6
Bulgaria	-6.1	-5.9	-2.8	-3.1	-5.0	-3.2
Czechia	-4.4	-4.8	-1.9	1.3	0.4	0.5
Denmark	-12.9	-5.6	-4.5	-8.4	1.6	-2.2
Germany	-11.6	-10.5	-8.7	-4.3	-3.7	-1.8
Estonia	-0.3	-5.6	-2.1	1.7	-1.5	0.8
Ireland***	16.2	-6.0	-13.7	-15.5	40.7	:
Greece	-0.2	-4.1	-2.2	-3.6	9.1	3.4
Spain	-6.7	-6.2	-3.0	-1.4	-3.7	-0.1
France	-7.9	-7.3	-6.0	-4.0	-4.9	-3.2
Croatia	-1.6	-1.2	-1.1	2.2	-1.7	0.3
Italy	-8.3	-0.3	-4.9	-1.9	-4.2	-2.0
Cyprus	-5.3	-7.0	-3.6	-3.3	-3.6	:
Latvia	0.4	-3.0	-2.8	-0.9	3.0	4.7
Lithuania	-2.3	1.9	-0.6	1.1	-0.7	1.4
Luxembourg	-7.3	-11.3	-6.2	-3.0	-2.7	2.7**
Hungary	-7.5	0.0	-0.9	2.2	1.5	1.1
Malta	-1.7	-2.7	-1.1	0.6	-2.0	-4.3
Netherlands	-4.7	-4.4	-6.2	-3.2	-2.7	-1.4
Austria	-4.3	-3.2	-1.9	1.7	0.9	:
Poland	0.9	1.4	3.1	3.3	2.9	6.1
Portugal	-8.2	2.5	2.3	0.6	-3.1	-4.3
Romania	-7.4	-2.9	-2.8	0.8	-0.5	0.2
Slovenia	-5.2	-1.9	-3.2	-1.3	-0.5	-0.9
Slovakia	-3.5	-0.9	-0.2	-2.6	2.3	6.8
Finland	-6.1	-2.8	-5.9	-2.8	-1.0	-2.6
Sweden	-7.2	-0.9	-2.1	-0.8	-1.4	0.1
Norway	7.4	8.3	6.2	0.0	-0.7	2.7
Switzerland	-6.7	-5.7	-3.8	:	:	:

* Calendar adjusted

** Estimated by Member State

*** CSO Ireland is carrying out a review of the Seasonal Adjustment methodology for Industrial Production and Turnover

: Data not available

Source dataset: [sts_inpr_m](#)

Production indices for total industry, calendar and seasonally adjusted
(base year 2015)

	12/19	01/20	02/20	03/20	04/20	05/20	06/20	07/20	08/20	09/20	10/20	11/20	12/20
Euro area	100.6	103.0	103.1	91.4	74.7	83.9	91.9	96.6	97.4	97.3	99.7	102.3	100.7
EU	102.5	104.8	105.1	94.1	76.8	85.7	93.9	98.6	99.7	99.9	102.0	104.3	103.0
Belgium	117.4	112.6	113.6	107.5	95.4	107.7	105.3	109.9	109.2	110.4	117.4	114.1	111.9
Bulgaria	105.5	107.8	108.7	103.2	91.2	92.4	98.0	100.1	101.0	103.5	103.9	102.1	102.2
Czechia	110.7	111.8	112.1	99.9	75.4	87.8	101.4	107.8	107.1	110.9	113.9	112.0	112.2
Denmark	111.1	107.8	109.3	108.8	103.1	101.0	105.3	101.3	104.5	106.7	100.1	106.9	109.5
Germany	97.9	100.0	100.4	89.7	71.8	78.5	87.0	88.7	89.5	91.2	94.7	95.9	96.5
Estonia	109.3	107.4	117.7	106.3	97.4	97.4	105.6	108.1	105.7	107.2	110.2	108.5	110.2
Ireland**	79.6	94.1	96.6	121.9	98.9	85.0	96.5	111.5	96.0	90.7	90.5	136.3	:
Greece	106.1	110.9	106.7	108.1	98.4	99.8	102.9	106.4	105.0	107.1	104.0	110.7	110.0
Spain	104.0	103.9	103.4	89.9	69.9	80.2	91.3	100.7	101.2	101.9	102.7	102.3	103.0
France	101.0	101.8	103.0	85.2	67.4	81.1	91.6	95.1	96.1	97.7	99.5	98.7	97.9
Croatia	104.5	104.8	105.2	103.7	95.4	94.0	101.8	105.0	103.9	105.4	107.3	104.4	105.1
Italy	101.5	104.7	103.4	74.5	59.6	84.3	91.3	98.2	105.1	99.8	101.2	99.8	99.6
Cyprus	131.6	133.1	134.7	116.4	83.5	114.5	118.4	121.8	122.3	125.4	126.2	126.3	:
Latvia	115.3	113.3	116.7	112.0	103.8	109.3	117.6	117.1	116.7	117.4	117.6	119.4	120.3
Lithuania	117.0	115.2	117.0	117.0	107.7	111.8	114.8	117.2	119.5	120.1	118.5	119.0	119.7
Luxembourg	92.5	96.9	97.5	78.9	69.4	78.7	85.4	90.3	91.1	93.2	93.9	93.6	95.1*
Hungary	113.5	117.9	117.9	105.3	72.8	85.6	100.8	107.6	114.1	116.6	119.3	118.2	115.3
Malta	108.9	111.0	110.5	103.2	96.3	97.6	97.8	102.0	104.4	103.5	104.6	103.1	103.9
Netherlands	100.1	102.8	101.8	100.8	94.0	93.5	94.0	97.0	97.2	97.3	99.6	98.9	98.8
Austria	109.9	114.6	112.1	104.4	87.8	94.5	101.6	108.6	107.9	110.5	113.4	111.5	:
Poland	120.3	123.9	125.3	116.0	91.5	103.4	113.8	120.5	121.1	124.7	126.6	128.0	128.6
Portugal	106.5	107.1	104.1	95.2	75.2	77.4	86.1	97.7	107.3	103.5	104.9	99.9	101.7
Romania	111.0	113.8	115.4	101.1	72.9	84.3	98.0	103.2	108.7	110.3	112.3	111.8	112.8
Slovenia	124.0	123.6	128.0	114.9	95.7	104.8	110.0	118.0	120.3	120.6	123.8	124.2	123.4
Slovakia	110.1	115.2	114.3	91.5	66.4	79.6	101.8	106.6	109.6	112.0	110.8	114.2	113.9
Finland	112.2	110.5	110.9	112.9	110.1	108.0	107.4	108.1	110.1	107.8	109.3	110.2	109.2
Sweden	110.8	111.5	111.7	111.2	94.1	95.5	101.5	105.9	111.7	109.7	110.3	110.7	110.8
Norway	100.7	98.4	101.1	102.4	101.6	100.4	98.8	101.3	102.4	100.8	97.4	99.1	102.4
Switzerland	111.7	117.9	115.6	112.7	108.0	101.8	107.6	109.4	109.8	113.4	:	:	:

* Calculated by Eurostat on the basis of calendar adjusted national data

** CSO Ireland is carrying out a review of the Seasonal Adjustment methodology for Industrial Production and Turnover

: Data not available

Source dataset: [sts_inpr_m](#)

Production indices for total industry, calendar adjusted
(base year 2015)

	12/17	12/18	12/19	01/20	02/20	03/20	04/20	05/20	06/20	07/20	08/20	09/20	10/20	11/20	12/20
Euro area	103.3	98.9	95.5	100.2	99.9	97.2	73.9	83.4	93.5	97.6	81.9	101.9	106.8	107.8	94.7
EU	104.1	100.9	97.7	102.0	101.9	100.2	76.0	85.3	95.6	98.0	85.1	104.4	109.3	110.0	97.3
Belgium	105.4	105.0	115.9	110.2	110.8	115.1	92.1	105.5	110.5	102.1	101.7	115.4	124.5	116.7	110.6
Bulgaria	113.7	109.3	107.9	103.1	105.2	104.9	86.7	87.8	100.0	103.5	96.7	103.3	108.7	108.3	104.4
Czechia	105.1	105.8	102.7	108.1	109.6	107.1	74.4	89.4	104.5	96.9	98.6	114.6	122.1	121.0	103.2
Denmark	103.8	116.9	109.4	108.3	105.4	114.2	98.9	99.3	104.7	87.0	100.9	113.3	108.5	114.4	107.0
Germany	101.3	98.3	92.1	93.2	97.0	97.1	71.0	77.2	88.8	88.8	84.0	95.3	97.8	101.9	90.4
Estonia	104.9	112.3	105.0	102.5	110.9	112.5	96.8	101.1	105.8	98.1	104.2	111.1	118.6	113.4	105.8
Ireland**	101.4	76.9	75.1	113.3	72.7	100.8	103.4	74.9	80.0	111.7	75.4	111.2	125.1	151.5	:
Greece	107.6	110.2	105.8	102.6	104.3	109.2	96.4	99.2	107.3	118.7	100.7	110.8	100.8	107.5	109.4
Spain	102.2	95.4	96.0	102.4	103.7	95.8	67.9	84.5	94.3	103.8	80.0	104.1	108.9	106.7	95.9
France	107.7	104.4	101.5	103.1	102.4	94.0	67.7	77.3	95.5	94.0	73.3	99.2	106.0	101.9	98.3
Croatia	112.4	104.9	102.6	95.4	100.9	108.1	94.2	96.5	101.5	110.6	91.4	107.8	114.7	110.2	102.9
Italy	98.6	93.2	89.4	100.7	105.3	81.9	57.8	90.5	95.3	107.8	69.9	105.3	111.3	104.7	87.6
Cyprus	123.4	126.6	130.1	124.5	125.7	114.8	78.7	115.5	128.1	142.5	109.5	135.4	130.6	122.4	:
Latvia	116.9	122.0	118.1	91.1	100.9	111.6	101.7	112.1	122.2	117.3	124.6	122.8	127.1	125.5	123.6
Lithuania	114.4	119.8	118.7	110.7	111.3	121.5	102.1	109.8	114.2	114.8	118.4	121.6	126.6	126.3	120.4
Luxembourg	102.4	98.6	86.4	93.5	94.8	88.9	69.5	79.9	87.6	91.2	79.3	95.9	99.5	95.3	88.7*
Hungary	98.9	105.4	102.0	113.2	115.9	112.1	72.6	86.9	105.3	104.3	103.4	125.7	127.9	124.8	103.1
Malta	86.0	85.9	94.5	109.1	107.4	105.4	92.7	98.3	99.0	106.9	101.9	109.5	111.6	105.5	90.4
Netherlands	106.4	101.9	100.4	101.8	98.4	106.5	91.9	93.5	94.8	93.3	89.1	98.8	104.5	104.1	99.0
Austria	112.6	117.4	111.2	103.4	106.4	114.0	86.0	91.9	104.1	108.5	96.0	116.4	118.9	118.9	:
Poland	111.1	114.2	115.7	118.3	121.0	124.2	91.3	102.8	115.2	117.6	114.2	128.9	135.3	132.6	122.7
Portugal	94.9	93.3	96.8	108.4	103.4	98.8	74.0	81.0	89.1	103.7	89.3	105.4	106.1	102.4	92.6
Romania	115.8	116.2	105.9	109.5	111.9	107.5	69.8	86.8	100.9	104.5	99.2	112.9	118.5	116.6	106.1
Slovenia	111.5	109.5	110.5	118.8	125.4	125.5	95.4	109.0	113.8	120.7	102.1	125.8	132.0	128.5	109.5
Slovakia	98.4	102.7	95.5	113.9	113.7	101.5	67.4	81.0	104.5	96.5	100.5	114.5	119.0	122.3	102.0
Finland	118.9	121.5	121.2	104.7	102.2	121.9	109.6	104.8	108.2	96.4	106.0	110.6	115.4	115.9	118.1
Sweden	110.8	112.7	112.5	110.1	111.7	123.4	96.2	96.4	105.9	83.7	95.3	112.0	117.4	119.7	112.6
Norway	100.4	101.6	102.9	106.1	100.4	107.3	99.0	98.9	93.6	91.4	100.0	95.8	102.7	105.0	105.7
Switzerland	117.2	115.3	113.6	110.7	109.4	121.2	103.0	103.3	110.8	103.8	93.4	114.9	:	:	:

* Estimated by Member State

** CSO Ireland is carrying out a review of the Seasonal Adjustment methodology for Industrial Production and Turnover

: Data not available

Source dataset: [sts_inpr_m](#)