

23/2023 - 20 February 2023

December 2022 compared with November 2022

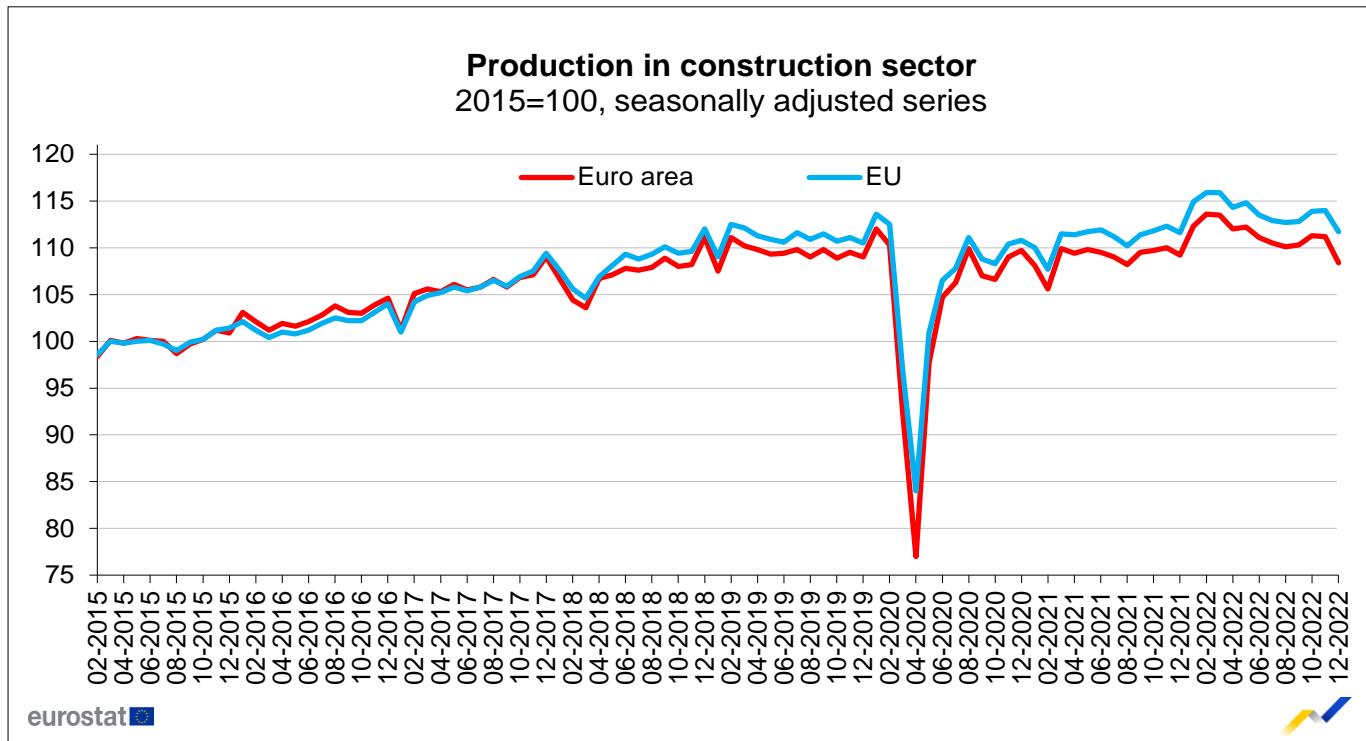
Production in construction down by 2.5% in the euro area and by 2.0% in the EU

Down by 1.3% and 0.4% compared with December 2021

In December 2022 compared with November 2022, seasonally adjusted production in the construction sector decreased by 2.5% in the **euro area** and by 2.0% in the **EU**, according to first estimates from **Eurostat, the statistical office of the European Union**. In November 2022, production in construction fell by 0.1% in the **euro area** and rose by 0.1% in the **EU**.

In December 2022 compared with December 2021, production in construction decreased by 1.3% in the **euro area** and by 0.4% in the **EU**.

The annual average production in construction for the year 2022, compared with 2021, increased by 2.3% in the **euro area** and by 2.6% in the **EU**.



Monthly comparison by construction sector and by Member State

In the **euro area** in December 2022, compared with November 2022, civil engineering decreased by 4.0% and building construction by 2.3%.

In the **EU**, civil engineering decreased by 2.4% and building construction by 2.0%.

Among Member States for which data are available, the largest monthly decreases in production in construction were recorded in **Germany** (-8.0%), **Austria** (-7.6%) and **Poland** (-3.8%). The highest increases were observed in **Slovenia** (+10.6%), **Slovakia** (+9.5%) and **Sweden** (+4.3%).

Annual comparison by construction sector and by Member State

In the **euro area** in December 2022, compared with December 2021, civil engineering decreased by 1.5% and building construction by 1.3%.

In the **EU** building construction decreased by 0.9%, while civil engineering increased by 0.6%.

Among Member States for which data are available, the largest annual decreases in production in construction were observed in **Germany** (-8.2%), **Spain** (-6.3%) and **Austria** (-6.0%). The highest increases were recorded in **Slovenia** (+74.5%), **Romania** (+18.4%) and the **Netherlands** (+4.9%).

Geographical information

Up to 31 December 2022, the **euro area (EA19)** included Belgium, Germany, Estonia, Ireland, Greece, Spain, France, Italy, Cyprus, Latvia, Lithuania, Luxembourg, Malta, the Netherlands, Austria, Portugal, Slovenia, Slovakia and Finland. From 1 January 2023 the **euro area (EA20)** also includes Croatia.

The aggregate data series commented on in this News Release refer to the official composition of the euro area in the most recent month for which data is available. Thus, News Releases with data for months up to December 2022 comment on EA19 series, while Releases with data for January 2023 onwards will comment on EA20 series.

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.

Estonia, Greece, Croatia, Cyprus, Latvia, Lithuania, Luxembourg and Malta are not required to supply monthly data within 1 month and 15 days after the end of the reference month under Regulation (EU) 2019/2152. Ireland has a derogation to remain with quarterly frequency and Denmark to have a longer deadline until the end of 2023.

Methods and definitions

The **index of production in construction** approximates the evolution of the volume of production within the sector, broken down into building construction and civil engineering.

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.

The monthly index as presented in this News Release is calculated only on the basis of the data of those countries reporting monthly data. Missing observations from Member States for recent months are estimated for the calculation of the euro area and the EU aggregates.

Revisions and timetable

Data of previous months have been revised compared with those issued in News Release [11/2023](#) of 18 January 2023. The monthly percentage change for November 2022 was revised from -0.8% to -0.1% in the euro area and from -0.4% to +0.1% in the EU. The annual percentage change has been revised from +1.3% to +1.6% in the euro area and from +1.8% to +1.9% in the EU.

For more information

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

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

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

(See file [NEWS_RELEASE_WEIGHTINGS_2015](#))

[Eurostat Euro indicators dashboard](#)

[Eurostat €-indicators release calendar](#)

[European Statistics Code of Practice](#)

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Production in construction

% change compared with the previous quarter / previous month*

	Q1-22	Q2-22	Q3-22	Q4-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22
Euro area										
Total construction	3.1	-1.2	-1.3	0.1	-0.5	-0.4	0.2	0.9	-0.1	-2.5
Building	2.8	-0.9	-1.6	0.1	-0.7	-0.2	0.3	0.8	-0.1	-2.3
Civil engineering	2.9	-1.6	-0.6	0.4	-0.4	-1.1	0.5	1.4	0.7	-4.0
EU										
Total construction	3.2	-1.2	-1.2	0.4	-0.5	-0.2	0.1	1.0	0.1	-2.0
Building	2.6	-0.7	-1.6	0.3	-0.7	0.1	0.0	0.9	0.0	-2.0
Civil engineering	3.2	-1.8	-0.5	1.1	-0.4	-1.1	1.2	0.9	1.1	-2.4

Source datasets: [sts_copr_q](#) (quarterly data) and [sts_copr_m](#) (monthly data).

Total construction	Q1-22	Q2-22	Q3-22	Q4-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22
Euro area 19	3.1	-1.2	-1.3	0.1	-0.5	-0.4	0.2	0.9	-0.1	-2.5
Euro area 20	3.0	-1.1	-1.4	0.2	-0.6	-0.3	0.1	0.9	0.0	-2.5
EU	3.2	-1.2	-1.2	0.4	-0.5	-0.2	0.1	1.0	0.1	-2.0
Belgium	2.6	-0.4	0.2	-0.1	1.8	-1.4	-1.0	0.1	1.7	-0.6
Bulgaria	0.1	0.1	-1.1	0.1	-0.4	-0.1	0.2	1.0	-0.7	-1.7
Czechia	3.7	-2.4	-2.6	1.5	-2.9	1.9	-1.6	1.8	-0.3	1.2
Denmark	1.5	1.9	-0.1	:	0.5	0.4	0.7	-0.1	0.1	:
Germany	3.0	-3.2	-1.9	-1.8	-1.0	-1.4	0.2	2.4	-1.8	-8.0
Estonia**	3.0	-5.5	-1.8	:	:	:	:	:	:	:
Ireland**	-2.8	-2.8	-2.7	:	:	:	:	:	:	:
Greece**	3.0	14.8	-0.6	:	:	:	:	:	:	:
Spain	-2.6	-2.3	-1.5	-2.2	0.4	-0.4	-2.0	-0.1	-0.8	0.0
France	2.6	-0.2	-0.1	0.8	0.5	-0.5	1.0	1.1	-1.2	-0.1
Croatia**	1.4	0.8	0.2	:	-0.4	-0.2	1.6	0.3	1.3	:
Italy	6.3	0.1	-3.2	c	-3.2	2.5	0.1	c	c	c
Cyprus**	-0.4	8.1	-13.7	:	:	:	:	:	:	:
Latvia**	0.6	-5.8	-3.1	0.0	:	:	:	:	:	:
Lithuania**	10.6	-8.0	1.1	:	:	:	:	:	:	:
Luxembourg**	1.6	3.0	2.2	:	0.3	1.5	3.3	-11.4	1.9	:
Hungary	2.8	-5.6	1.8	1.6	6.0	-4.4	2.3	-2.1	7.6	-3.7
Malta**	3.9	-2.4	3.8	:	:	:	:	:	:	:
Netherlands	2.9	-0.3	0.5	2.8	1.1	-2.6	1.5	2.1	1.2	-0.4
Austria	5.5	-0.5	-2.7	-1.2	-1.3	0.9	-0.8	-0.1	2.6	-7.6
Poland	13.1	-4.5	-3.7	1.4	-0.4	1.1	-5.8	5.5	1.4	-3.8
Portugal	1.4	0.2	1.2	-2.3	1.4	2.1	-2.8	-0.6	-0.3	-1.0
Romania	9.1	0.4	4.8	7.4	0.4	2.0	3.9	5.3	-1.7	-0.3
Slovenia	36.2	0.8	2.2	12.7	-3.3	2.1	-0.2	9.9	-2.3	10.6
Slovakia	1.5	-2.7	-1.4	2.7	1.7	-0.7	-0.1	0.9	-1.5	9.5
Finland	0.9	-0.2	-1.1	-0.9	-0.6	0.0	0.0	-1.1	-0.3	1.2
Sweden	-0.5	-0.2	-0.2	2.2	-0.5	-0.2	2.2	-0.5	-0.2	4.3
Norway	1.3	0.7	-0.8	0.8	-3.1	3.1	0.2	-0.2	-0.2	0.3
Switzerland	0.2	-0.2	-4.6	:	:	:	:	:	:	:

* Calendar and seasonally adjusted

** These Member States are not required to supply monthly data under Regulation (EU) 2019/2152

: Data not available

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Source datasets: [sts_copr_q](#) (quarterly data) and [sts_copr_m](#) (monthly data)

Production in construction

% change compared with the same quarter / the same month of the previous year*

	Q1-22	Q2-22	Q3-22	Q4-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22
Euro area										
Total construction	5.7	2.2	0.7	0.7	1.1	1.0	0.3	1.4	1.6	-1.3
Building	5.3	2.5	0.7	0.4	1.1	0.9	0.7	1.6	1.4	-1.3
Civil engineering	7.7	1.0	0.9	1.1	1.4	0.7	-0.6	1.5	2.4	-1.5
EU										
Total construction	6.0	2.4	1.1	1.2	1.3	1.6	0.8	1.9	1.9	-0.4
Building	5.9	2.8	1.0	0.7	1.1	1.6	0.8	1.6	1.5	-0.9
Civil engineering	7.6	1.5	1.2	2.1	1.6	0.5	0.6	1.7	3.4	0.6

Source datasets: [sts_copr_q](#) (quarterly data) and [sts_copr_m](#) (monthly data)

Total construction	Q1-22	Q2-22	Q3-22	Q4-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22
Euro area 19	5.7	2.2	0.7	0.7	1.1	1.0	0.3	1.4	1.6	-1.3
Euro area 20	5.7	2.3	0.7	0.7	1.2	1.0	0.3	1.5	1.6	-1.3
EU	6.0	2.4	1.1	1.2	1.3	1.6	0.8	1.9	1.9	-0.4
Belgium	-1.9	2.1	1.6	4.5	3.8	4.0	-1.6	-1.4	13.2	3.3
Bulgaria	2.8	1.1	-0.8	-0.3	-0.9	0.0	-1.4	1.8	1.3	-4.3
Czechia	9.8	3.0	-1.8	0.0	-2.9	0.5	-2.9	1.0	-0.9	-0.2
Denmark	6.4	6.4	5.2	:	4.5	6.5	4.8	3.8	3.4	:
Germany	4.2	-2.7	-2.5	-3.8	-2.6	-1.9	-3.0	-0.9	-2.3	-8.2
Estonia**	13.9	-1.5	-3.3	:	:	:	:	:	:	:
Ireland**	22.5	6.7	-4.4	:	:	:	:	:	:	:
Greece**	14.1	25.7	20.7	:	:	:	:	:	:	:
Spain	-5.9	-8.8	-6.9	-7.0	-5.5	-4.0	-10.8	-8.3	-6.9	-6.3
France	0.9	0.6	1.0	2.9	1.0	0.3	1.5	3.1	1.8	4.1
Croatia**	4.6	4.3	3.2	:	4.0	1.6	3.8	4.2	5.7	:
Italy	22.5	16.8	7.5	c	7.0	8.8	7.5	c	c	c
Cyprus**	-6.6	-6.2	-5.0	:	:	:	:	:	:	:
Latvia**	-8.4	-13.8	-13.6	-8.4	:	:	:	:	:	:
Lithuania**	8.6	-0.1	1.3	:	:	:	:	:	:	:
Luxembourg**	2.7	-2.1	-0.6	:	-2.3	-0.8	1.1	-3.7	-2.2	:
Hungary	17.6	-0.3	1.1	0.1	2.7	-0.7	1.4	-3.2	7.6	-3.9
Malta**	8.3	3.5	5.3	:	:	:	:	:	:	:
Netherlands	5.5	3.4	4.5	6.2	7.1	1.7	3.8	6.8	6.6	4.9
Austria	4.8	4.1	2.4	0.7	2.0	3.7	1.5	3.4	4.8	-6.0
Poland	23.0	9.2	4.0	3.7	6.3	6.1	0.2	3.9	4.0	3.4
Portugal	3.6	1.6	1.6	1.4	2.2	2.0	0.7	1.7	1.3	1.3
Romania	6.3	2.2	16.8	23.2	10.2	14.4	25.9	33.8	19.7	18.4
Slovenia	21.8	25.2	28.8	56.9	29.6	31.5	25.7	56.6	45.3	74.5
Slovakia	0.8	-1.7	-0.6	-0.3	0.5	-2.2	0.3	0.0	-5.3	4.8
Finland	8.2	3.1	1.4	-2.0	1.9	1.8	0.5	-2.5	-4.5	0.6
Sweden	1.1	0.8	0.4	1.2	-3.3	2.1	1.8	0.1	-0.4	3.3
Norway	4.7	6.3	4.2	2.1	1.9	5.3	4.8	2.5	2.2	1.5
Switzerland	-1.6	-1.2	-6.5	:	:	:	:	:	:	:

* Calendar adjusted

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