



A National Statistics Publication for Scotland

## ECONOMY AND LABOUR MARKET

# Scotland's GDP 2022, Quarter 4 First Quarterly Estimate

1 March 2023

Gross Domestic Product (GDP) statistics measure the output of the economy in Scotland. This is the first quarterly estimate of Scotland's GDP for 2022 Quarter 4 (October to December).

### Headline Results

- Scotland's GDP grew by 0.1% in real terms during the fourth quarter of 2022 and is still 0.3% below pre-pandemic levels (2019 Q4). Over the same period, GDP in the UK as a whole remained flat (0.0% change) and is now 0.8% below pre-pandemic levels.
- Compared to the same quarter last year, Scotland's GDP grew by 0.6%. Over the same period, the UK as a whole grew by 0.4%.
- In 2022 Scotland's GDP grew by 5.0% compared to 2021. Over the same period, the UK as a whole grew by 4.0%.
- The largest contribution to change this quarter came from the growth in Government and Other Services.

### What's in the first quarterly estimate of GDP?

The first quarterly estimate of GDP covers the output approach to GDP and reports on:

- **Real terms** – results have been seasonally adjusted and had the effect of price changes removed to allow for meaningful comparisons over time
- **Onshore economy** – figures do not include the output of offshore oil and gas extraction (which is included in the headline UK figures)
- **Revisions** – There are no revisions to previous quarters in this release. The GDP Quarterly National Accounts, published on 26 April 2023, will include an updated second estimate of GDP for 2022 Q4 and revisions to previous quarters.

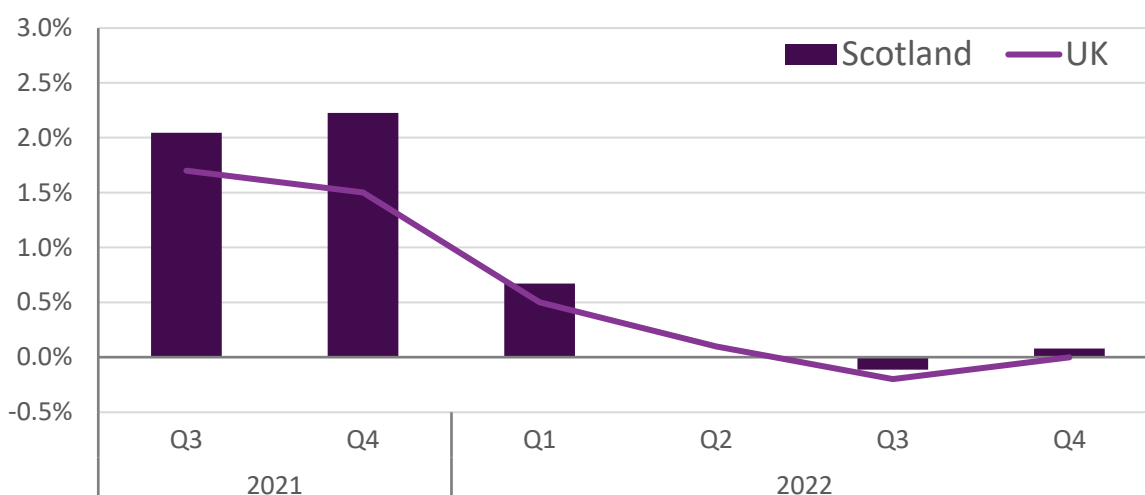


## Total output: Compared to the previous quarter

In 2022 Quarter 4 (October to December), Scotland’s GDP grew by 0.1% in real terms compared to the previous quarter. Over the same period, GDP for the UK as a whole remained flat (0.0% change). The growth in Scottish GDP follows an equivalent 0.1% contraction in quarter 3.

In quarterly terms, output remains 0.3% below the pre-pandemic level of 2019 Quarter 4.

## GDP growth compared to last quarter (%)



At the broad sector level in the latest quarter, output in the Services sector remained flat (0.0% growth), output in the Construction sector grew by 0.6%, and output in the Production sector grew by 0.2%.

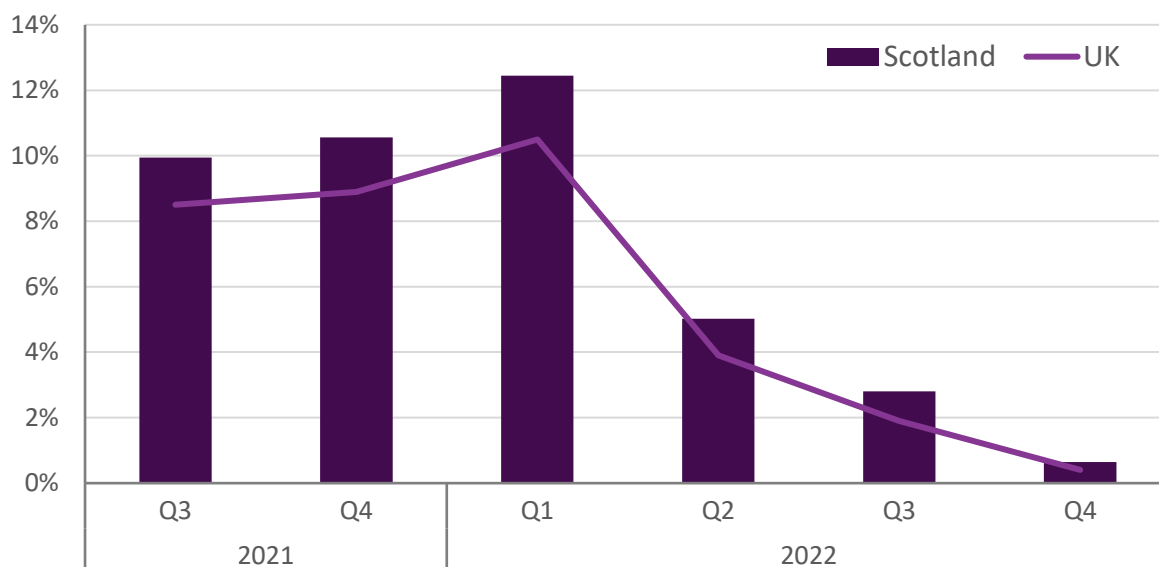
## GDP growth compared to last quarter by sector (%)

		2021	2022			
		Q4	Q1	Q2	Q3	Q4
Real terms	Agriculture, forestry & fishing	0.9	-0.3	0.3	0.9	-0.3
	Construction	3.2	0.4	1.7	-1.0	0.6
	Production	0.5	2.5	-1.9	-1.0	0.2
	Services	2.5	0.3	0.3	0.1	0.0
	Whole economy	2.2	0.7	0.0	-0.1	0.1

## Total output: Compared to the same quarter the previous year

Compared to the fourth quarter of 2021, Scotland’s economy is estimated to have grown by 0.6% over the year in real terms. Over the same period UK GDP grew by 0.4%.

### GDP growth compared to the same quarter last year (%)



Compared to the same quarter last year, Services have grown by 0.7%, Construction has grown by 1.7%, Production has contracted by 0.3%, and Agriculture, Forestry & Fishing has grown by 0.5%.

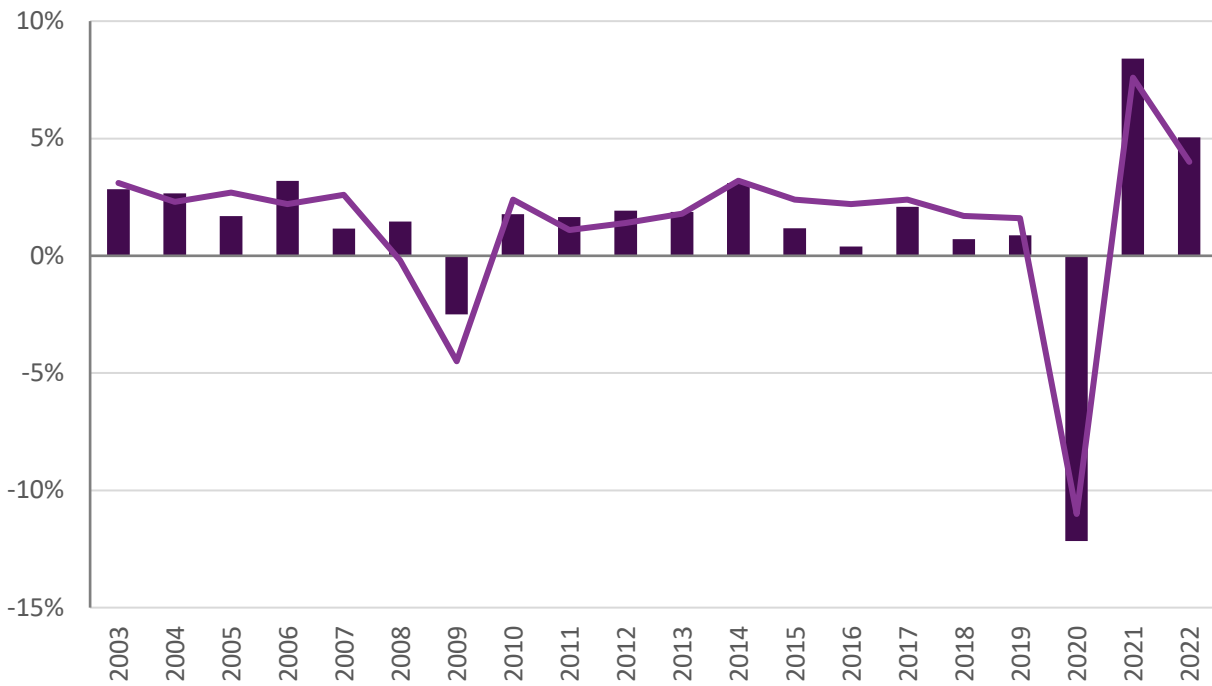
### GDP growth compared to the same quarter last year by sector (%)

		2021	2022			
		Q4	Q1	Q2	Q3	Q4
Real terms	Agriculture, forestry & fishing	1.7	0.7	0.9	1.8	0.5
	Construction	14.1	9.9	4.3	4.3	1.7
	Production	2.8	5.2	-1.1	0.1	-0.3
	Services	12.2	14.5	6.5	3.3	0.7
	Whole economy	10.6	12.5	5.0	2.8	0.6

## Total output: 2022 compared to 2021

Scotland's economy is estimated to have grown by 5.0% in 2022 compared to 2021. Over the same period UK GDP grew by 4.0%. The calendar year growth rate is based on how much GDP has changed on average across the four quarters of 2022 compared to the average of the four quarters of 2021. This is the measure used by the Scottish Fiscal Commission in its headline forecast.

## Annual GDP growth (%)



Compared to 2021, Services have grown by 6.0%, Production has grown by 0.9%, Construction has grown by 5.0% and Agriculture, Forestry & Fishing has grown by 1.0%

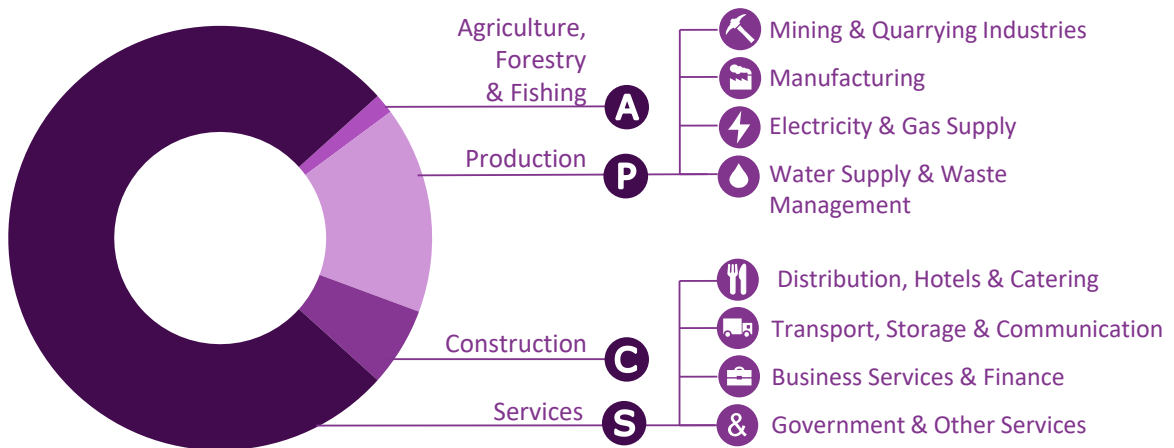
## Annual GDP growth compared to the previous year, by sector (%)

		2019	2020	2021	2022
Real terms	Agriculture, forestry & fishing	4.0	-2.7	1.4	1.0
	Construction	-2.9	-19.2	23.0	5.0
	Production	1.6	-9.0	5.8	0.9
	Services	1.0	-12.4	8.1	6.0
	Whole economy	0.9	-12.2	8.4	5.0

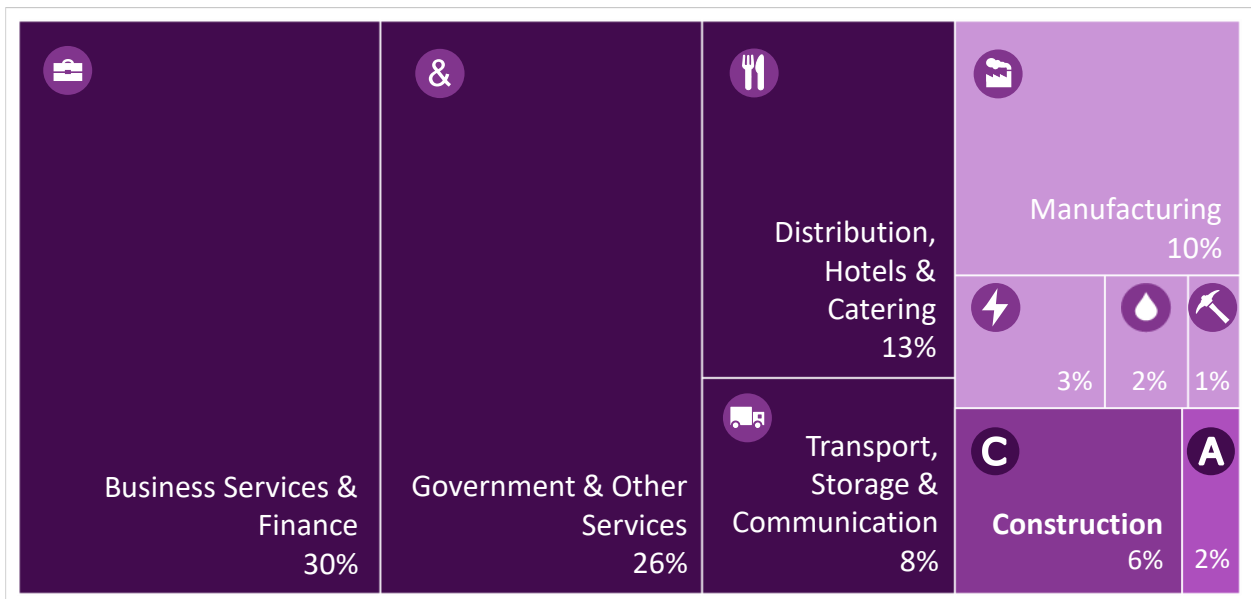
## Size of industries

As of 2019, three quarters (77%) of the Scottish economy was accounted for by Services industries. Production industries accounted for 16%, Construction for 6% and Agriculture, Forestry & Fishing for 2% (does not sum to 100% due to rounding).

## Size of high level industries



## Size of more detailed industries

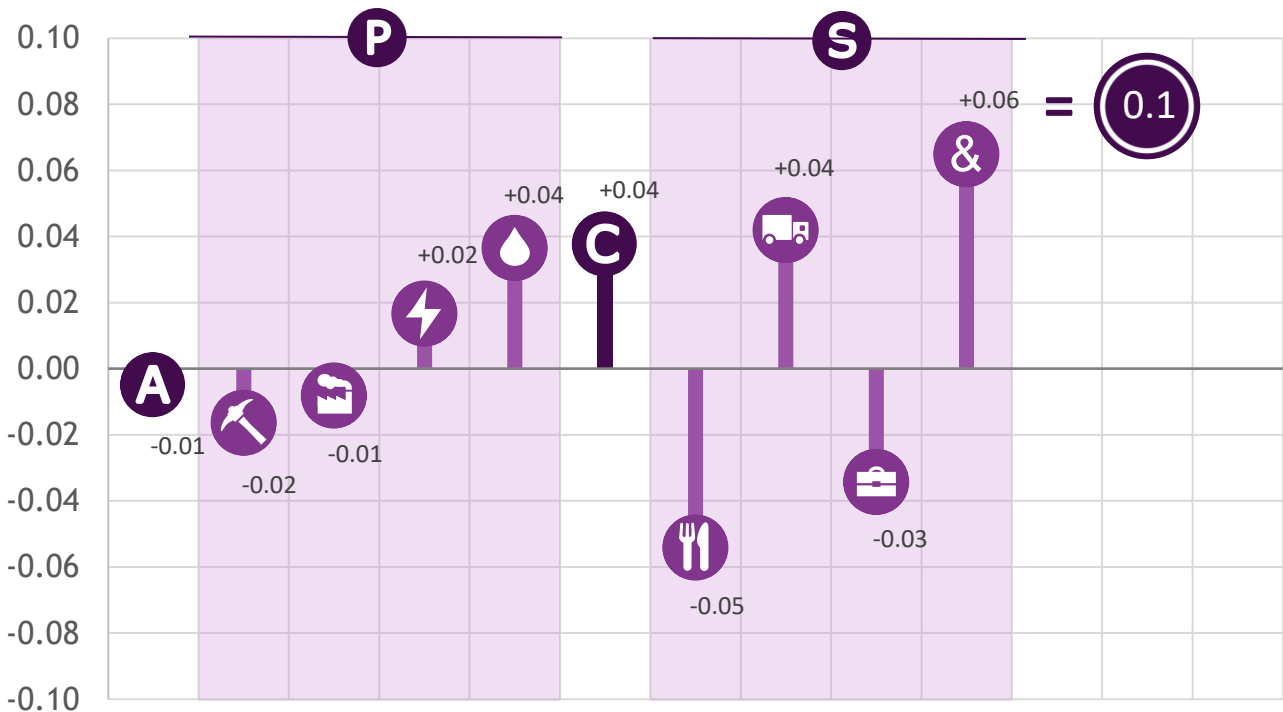


## Industry contribution to change

Industries which make up a larger proportion of the economy, or which experience large quarterly changes in output, make the largest contributions to overall GDP change.

The chart below shows the contribution to the headline quarterly GDP figure made from each of the ten broad sectors of the economy (Services and Production have been broken down into their largest four sub-categories). If you add the unrounded percentage point contribution of each of the sectors the total is the overall quarterly growth rate of 0.1% (figures below may not sum exactly due to rounding).

Contribution of industries to overall GDP growth of 0.1%



**A** Agriculture, Forestry & Fishing

**P** Production

- Mining & Quarrying Industries
- Manufacturing
- Electricity & Gas Supply
- Water Supply & Waste Management

**C** Construction

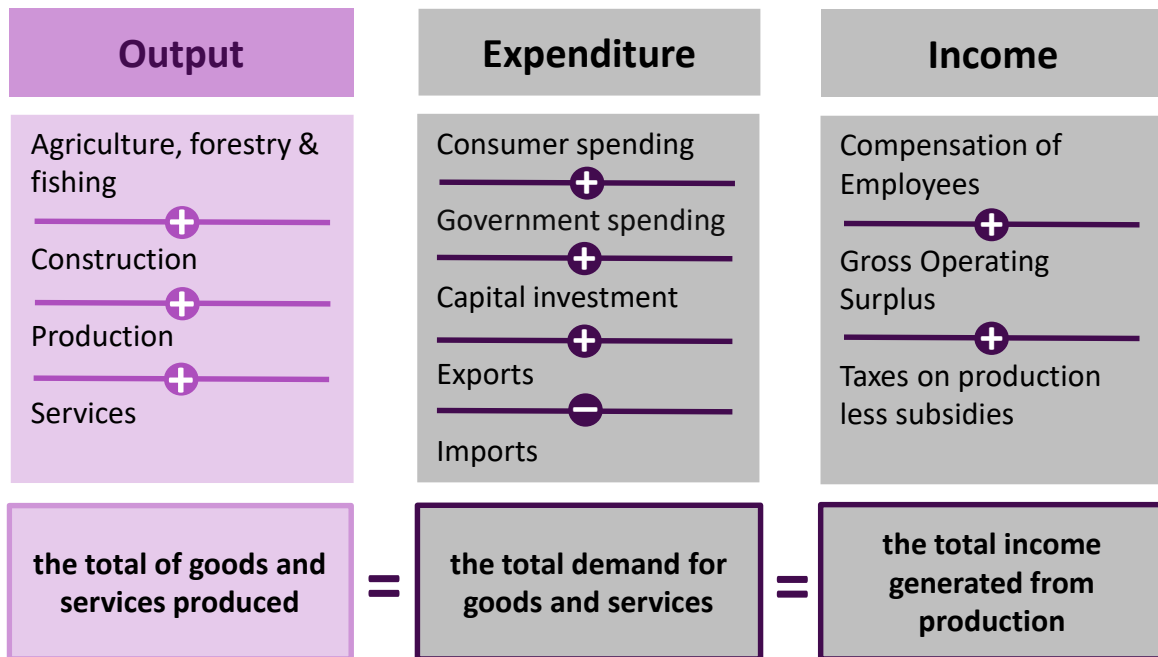
**S** Services

- Distribution, Hotels & Catering
- Transport, Storage & Communication
- Business Services & Finance
- Government & Other Services

Quarterly GDP growth

## About the first quarterly estimate of GDP

Change in gross domestic product (GDP) is the main indicator of economic growth in Scotland. There are three ways in which GDP can be measured which should all produce the same result. Each of these approaches allows GDP to be broken down into different categories.



The first quarterly estimate of GDP contained in this publication covers the output approach to GDP and its breakdowns. The second estimate of GDP published in Quarterly National Accounts covers all three approaches and their different breakdowns.

If you are looking for cash value GDP data or output estimates which include the offshore economy these are available in the GDP Quarterly National Accounts. The most recently published Quarterly National Accounts estimate is available up to 2022 Quarter 3 (which is fully comparable to these data) at <http://www.gov.scot/gdp>.

If you are looking for information on the relative size of industries within the economy please refer to the Scottish Supply and Use Tables at <http://www.gov.scot/input-output>. The most recent figures were published on 26<sup>th</sup> October 2022 and cover the years 1998 to 2019.

## National Statistics Status

Change in gross domestic product (GDP) is the main indicator of economic growth in Scotland. There are three ways in which GDP can be measured which should all produce the same result. Each of these approaches allows GDP to be broken down into different categories.

National Statistics status means that our statistics meet the highest standards of trustworthiness, quality and public value, and it is our responsibility to maintain compliance with these standards.

The designation of these statistics as National Statistics was confirmed in January 2011 following a compliance check by the [Office for Statistics Regulation](#). At the same time these statistics were also fully assessed against the Code of Practice.

Since the latest review by the Office for Statistics Regulation, we have continued to comply with the Code of Practice for Statistics, and have made the following improvements:

- Added more value by providing clearer publications, more detailed breakdowns and adding a second quarterly estimate of GDP
- Assured quality by continually reviewing and improving our data sources and methods
- Improved the transparency of our methodology and source data
- Published GDP earlier by making our processes more efficient

More information on the ongoing improvements to Scotland's GDP Statistics is available at [www.gov.scot/gdp](http://www.gov.scot/gdp).

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