

Statistical bulletin

GDP quarterly national accounts, UK: October to December 2022

Revised quarterly estimate of gross domestic product (GDP) for the UK. Uses additional data to provide a more precise indication of economic growth than the first estimate.



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1 . Main points

- UK gross domestic product (GDP) is estimated to have increased by 0.1% in Quarter 4 (Oct to Dec) 2022, revised from a first estimate of no growth.
- In output terms, the services sector grew by 0.1% and the construction sector grew by 1.3%, while the production sector growth was flat in Quarter 4 2022.
- The level of real GDP in Quarter 4 2022 is now estimated to be 0.6% below where it was pre-coronavirus (COVID-19) at Quarter 4 2019, revised upwards from the previous estimate of 0.8% below.
- The GDP implied deflator rose by an upwardly revised 7.3% in the year to Quarter 4 2022, primarily reflecting higher cost pressures faced by households.
- The household saving ratio increased to 9.3% in Quarter 4 2022, from 8.9% in the previous quarter.
- Real households' disposable income (RHDI) increased by 1.3% this quarter after four consecutive quarters of negative growth.

Estimates for September 2022 are affected by the bank holiday for the State Funeral of Her Majesty Queen Elizabeth II, where some businesses closed or operated differently on this day. This should be considered when interpreting the seasonally adjusted movements involving September and October 2022 and to a lesser extent the Quarter 3 (July to Sept) 2022 and Quarter 4 (Oct to Dec) 2022 estimates.

2 . Headline GDP figures

UK gross domestic product (GDP) is estimated to have increased by 0.1% in Quarter 4 (Oct to Dec) 2022, revised up from the previous estimate of no growth (Figure 1). This follows a revised fall of 0.1% in Quarter 3 (July to Sept) 2022, previously estimated as a 0.2% decline.

The level of quarterly GDP in Quarter 4 2022 is now 0.6% below its pre-coronavirus (COVID-19) level (Quarter 4 2019), revised up from the previous estimate of 0.8% below. GDP is now estimated to have increased by 4.1% in 2022, revised up from the previous estimate of 4.0%. Compared with the same quarter a year ago, real GDP increased by 0.6%.

In line with the [National Accounts Revision Policy](#), revisions are open back to Quarter 1 (Jan to Mar) 2022 as part of this publication. There have been some very small revisions to the quarterly path of real GDP, while there have been some revisions to individual components for GDP. For more information, see [Section 6: Revisions to GDP](#).

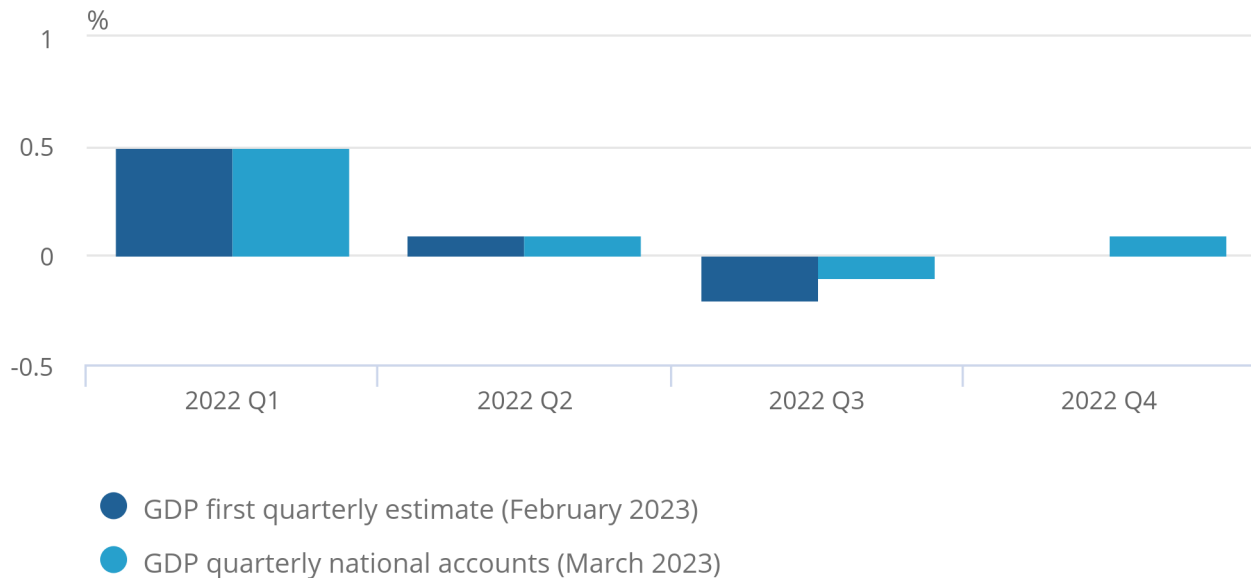
Early estimates of GDP are subject to revision (positive or negative), for more information please refer to our [Communicating the UK economic cycle methodology](#).

Figure 1: Revised estimates show that the UK GDP is now estimated to have increased by 0.1% in Quarter 4 (Oct to Dec) 2022

UK, Quarter 1 (Jan to Mar) 2022 to Quarter 4 (Oct to Dec) 2022

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UK, Quarter 1 (Jan to Mar) 2022 to Quarter 4 (Oct to Dec) 2022



Source: GDP quarterly national accounts from the Office for National Statistics

Notes:

1. Q1 refers to Quarter 1 (Jan to Mar), Q2 refers to Quarter 2 (Apr to June), Q3 refers to Quarter 3 (July to Sept) and Q4 refers to Quarter 4 (Oct to Dec).
2. Chart shows the quarter on previous quarter growth (%).
3. This release sees revisions to the course of 2022 in line with the National Accounts revision policy. For more information, see [Section 6: Revisions to GDP](#).

Nominal GDP is estimated to have increased by a revised 2.0% in Quarter 4 2022, where nominal GDP was revised up from a previous estimate of 1.3%.

Table 1: Headline national accounts indicators for the UK
% growth

| | Chained volume measures | | Current market prices | |
|----------------------------|--------------------------------|------------------------------|------------------------------|------------|
| | GDP | GDP per head [note 3] | GDP implied deflator | GDP |
| Seasonally adjusted | | | | |
| 2021 | 7.6 | 7.2 | 0.0 | 7.6 |
| 2022 | 4.1 | 3.4 | 5.4 | 9.7 |
| 2021 Q1 | -1.1 | -1.1 | 0.7 | -0.3 |
| 2021 Q2 | 6.5 | 6.4 | -1.9 | 4.5 |
| 2021 Q3 | 1.7 | 1.6 | 0.9 | 2.7 |
| 2021 Q4 | 1.5 | 1.4 | 1.1 | 2.7 |
| 2022 Q1 | 0.5 | 0.2 | 1.8 | 2.3 |
| 2022 Q2 | 0.1 | -0.1 | 1.9 | 2.0 |
| 2022 Q3 | -0.1 | -0.2 | 1.5 | 1.4 |
| 2022 Q4 | 0.1 | 0.0 | 1.9 | 2.0 |

Source: GDP quarterly national accounts from the Office for National Statistics

Notes

1. Percentage change on previous period.
2. Q1 refers to Quarter 1 (Jan to Mar), Q2 refers to Quarter 2 (Apr to June), Q3 refers to Quarter 3 (July to Sept) and Q4 refers to Quarter 4 (Oct to Dec).
3. Population data are consistent with the mid-2020 estimates published on 27 January 2023 and 12 January 2022. For more information, please see our GDP data tables.

The GDP implied deflator represents the broadest measure of inflation in the domestic economy, reflecting changes in the price of all goods and services that comprise GDP. It is important to note that the GDP deflator covers the whole of the economy, not just consumer spending. It increased by a revised 1.9% in Quarter 4 2022, which was primarily driven by higher price pressures for household consumption. There were also increases in the implied price of gross fixed capital formation and exports, while the price of imports fell on the quarter.

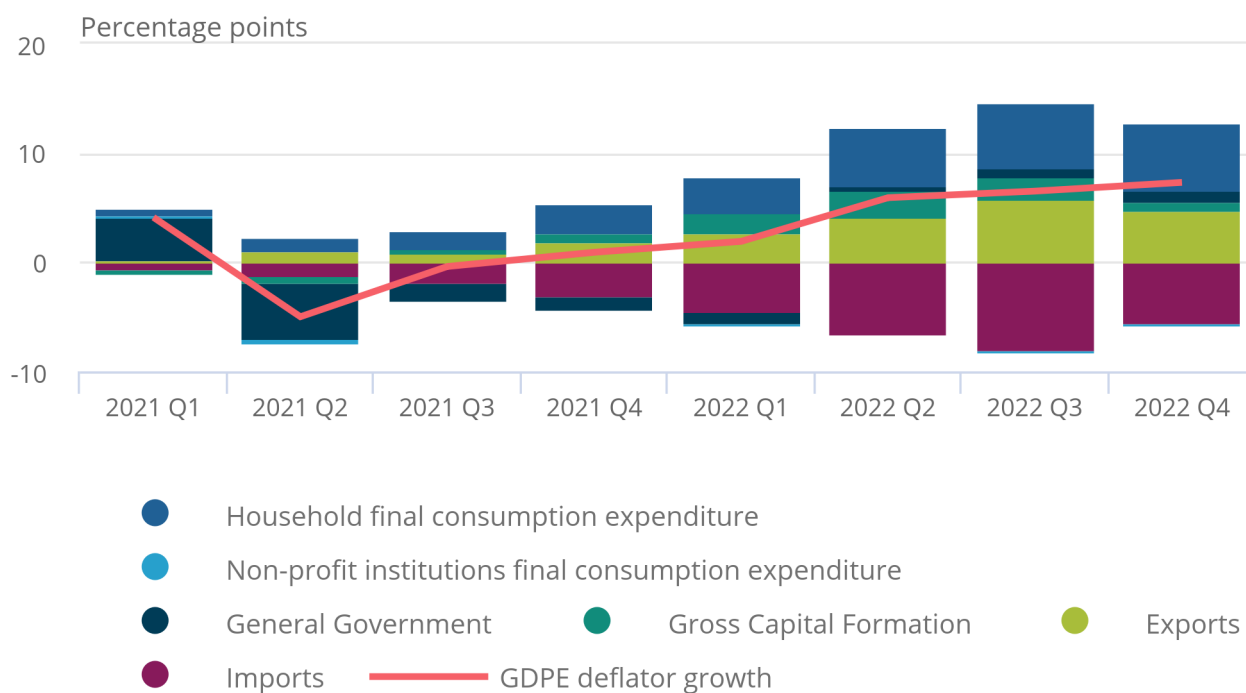
Compared with the same quarter a year ago, there was a 7.3% increase in the GDP implied deflator, revised from a first estimate of 6.6%. This has been driven by strong rises for the price of household consumption, while there have been large price movements in internationally traded goods and services (Figure 2). Further information on the price movements of trade is discussed in our [article, The purchasing power of GDP, UK: 2022](#).

Figure 2: Compared with the same quarter a year ago, the GDP implied deflator rose by 7.3%, primarily reflecting higher cost pressures faced by households

UK, contributions to quarter on quarter a year ago implied price deflator, Quarter 1 (Jan to Mar) 2021 to Quarter 4 (Oct to Dec) 2022

Figure 2: Compared with the same quarter a year ago, the GDP implied deflator rose by 7.3%, primarily reflecting higher cost pressures faced by households

UK, contributions to quarter on quarter a year ago implied price deflator, Quarter 1 (Jan to Mar) 2021 to Quarter 4 (Oct to Dec) 2022



Source: GDP quarterly national accounts from the Office for National Statistics

Notes:

1. Q1 refers to Quarter 1 (Jan to Mar), Q2 refers to Quarter 2 (Apr to June), Q3 refers to Quarter 3 (July to Sept) and Q4 refers to Quarter 4 (Oct to Dec).
2. Components contribution may not sum to total because of rounding.
3. An increase in import prices contributes negatively to the implied GDP deflator, while a decrease in import prices contributes positively to the implied GDP deflator.

3 . Output

In Quarter 4 (Oct to Dec) 2022, output is now estimated to have increased by 0.1% (revised from flat growth). Services have been revised up to a 0.1% increase, following a first estimate of no growth. Output in the production sector was broadly flat, revised up from a fall of 0.2% in the first estimate. Construction output increased by 1.3% in Quarter 4 2022, following a first estimate of 0.3% growth.

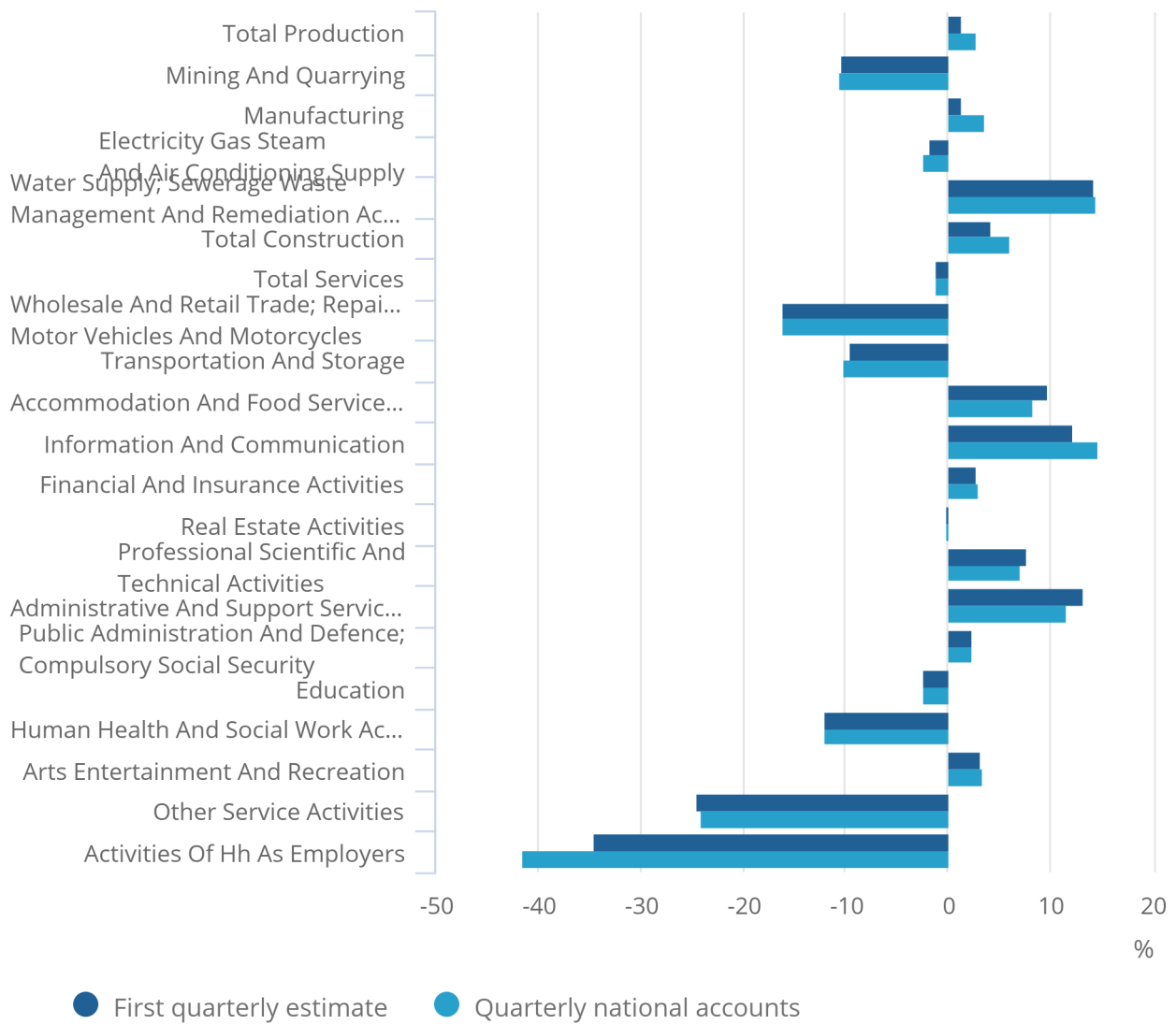
Figure 3 shows the latest estimates of the level of output for the construction, production, and services sub-sectors relative to their Quarter 4 2019 levels. Revisions have been mainly in the manufacturing industries, please refer to the 'Production' subheading in this section for more detail. The revision to services reflects incorporation of Value Added Tax (VAT) data for Quarter 3 (July to Sept) 2022 and updated survey responses in Quarter 4 2022.

Figure 3: There have been upwards revisions to production and construction output growth relative to their pre-coronavirus (COVID-19) Quarter 4 2019 levels, while the services sector is largely unchanged

UK, percentage change, Quarter 4 (Oct to Dec) 2019 to Quarter 4 (Oct to Dec) 2022

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UK, percentage change, Quarter 4 (Oct to Dec) 2019 to Quarter 4 (Oct to Dec) 2022



Source: GDP quarterly national accounts from the Office for National Statistics

Services

Services output rose by 0.1% in Quarter 4 2022, following a 0.2% increase in Quarter 3 2022. Overall the services sector rose by 5.5% in 2022, compared with a 7.0% increase in 2021. Figure 4 shows that there was a mixed performance for the service sub-sectors in Quarter 4 2022, with output increasing in 6 out of the 14 sub-sectors, partially offset by falls in output in 8 sub-sectors.

The largest positive contribution to growth in Quarter 4 2022 was from administrative and support service activities, particularly travel agents, which increased by 10.8% in Quarter 4 2022 following a fall in the previous quarter. However, this was partially largely offset by declines in education (1.5%) and transportation and storage output (2.9%). For further information on the fall in education please see [Section 4: Expenditure](#).

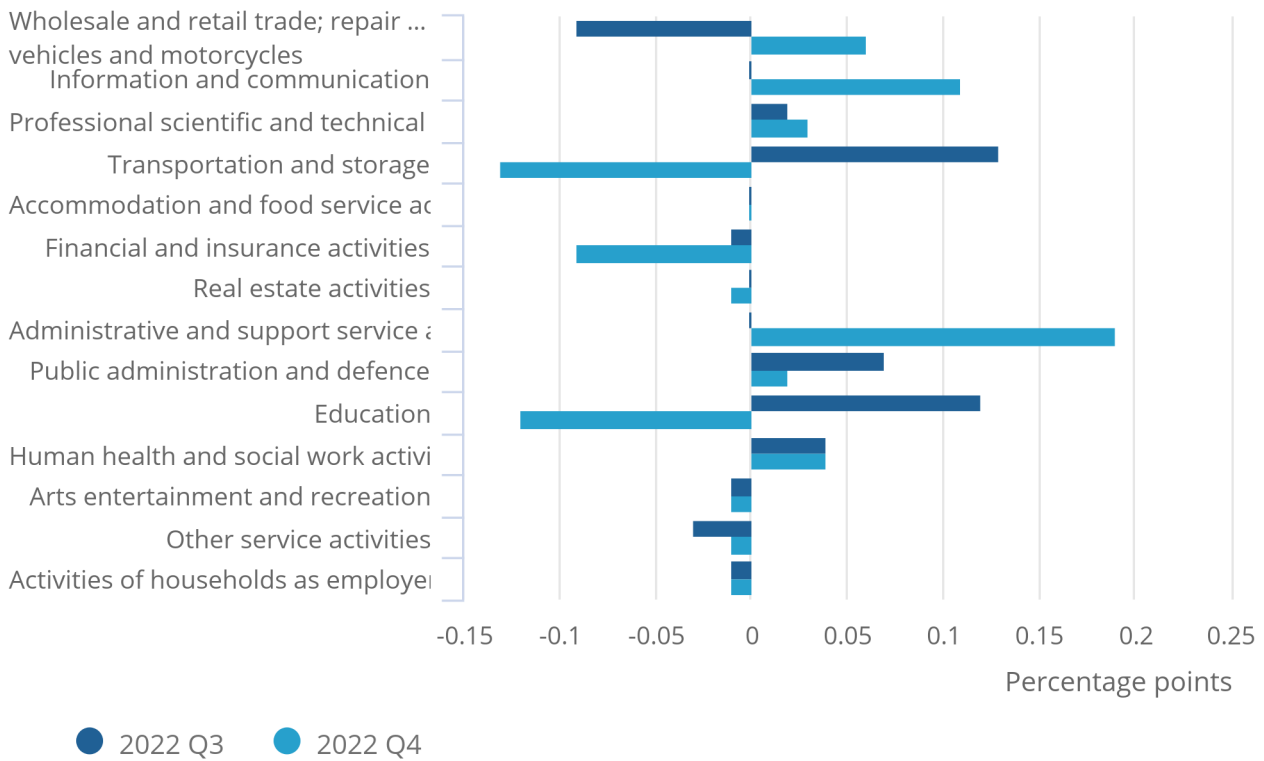
There were falls from postal and courier activities as well as rail transport, as both industries saw strikes taking place across Quarter 4 2022. While the direct impact of the strikes in these industries can be seen in the scale of the falls, we are not able to isolate the impact of these strikes from other factors across the wider economy. However, there was anecdotal evidence to suggest this industrial action had an impact across a wide range of industries. For further information, please see our [GDP monthly estimate, UK statistical bulletin](#).

Figure 4: Administration and support service activities were the main positive contributors to services output growth in Quarter 4 2022

UK, contributions to services growth, Quarter 3 (July to Sept) to Quarter 4 (Oct to Dec) 2022

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UK, contributions to services growth, Quarter 3 (July to Sept) to Quarter 4 (Oct to Dec) 2022



Source: GDP quarterly national accounts from the Office for National Statistics

Notes:

1. Q1 refers to Quarter 1 (Jan to Mar), Q2 refers to Quarter 2 (Apr to June), Q3 refers to Quarter 3 (July to Sept) and Q4 refers to Quarter 4 (Oct to Dec).
2. Components contribution may not sum to total because of rounding.

Production

There was no change in production output in Quarter 4 2022, this follows five quarters of falls. Overall, the production sector saw a 2.8% decline in 2022, compared with a 7.3% increase in 2021. There have, though, been upward revisions to production sub-sectors output through 2022, particularly in manufacturing. Figure 3 shows that production output is now 2.8% above its pre-coronavirus (COVID-19) pandemic levels, revised from 1.3% above. While manufacturing is now 3.6% above its pre-coronavirus pandemic levels, revised from being 1.4% above. These upward revisions to manufacturing are driven by the incorporation of Value Added Tax (VAT) data for Quarter 3 2022 and updated data in other quarters. This is the case in particular in the manufacture of computer, electronic and optical products and manufacture of food products, beverages and tobacco.

Within production output, there was an increase in manufacturing output (0.5%), offset by declines in mining and quarrying (2.4%) and electricity, gas, steam, and air conditioning supply (2.1%). There was an increase in 4 of the 13 manufacturing sub-sectors - the largest increases were in the manufacture of basic pharmaceutical products and pharmaceutical preparations (up 14.1%), and manufacture of transport equipment (up 3.7%). There was a decrease in output in 9 sub-sectors. The largest falls were in manufacture of chemicals and chemical products (down 4.5%) and manufacture of rubber and plastic products, and other non-metallic minerals (down 3.0%).

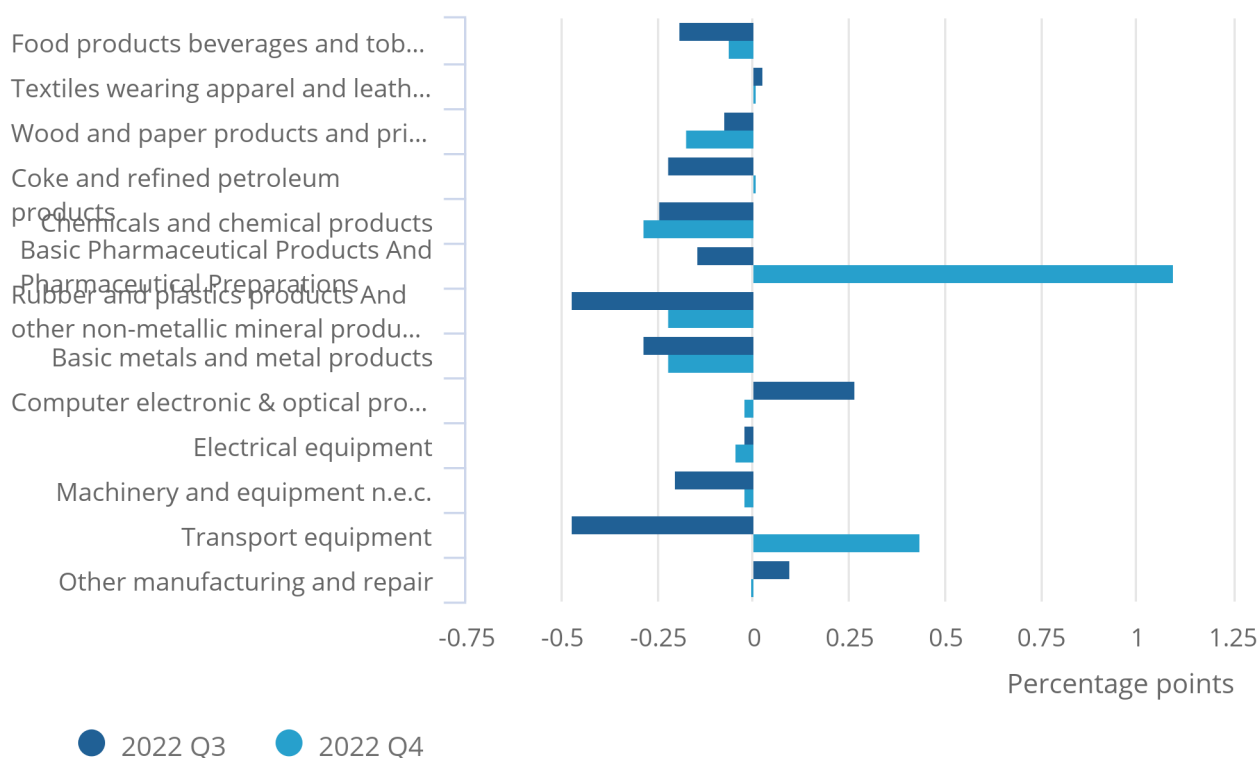
The declines in electricity, gas, steam, and air conditioning supply in the latest quarter continue the falling trend from the previous quarter. As reported in our [GDP first quarterly estimate, UK bulletin](#) this mostly reflects falls in energy volumes, as shown in the [energy trends data produced by the Department for Energy Security and Net Zero \(DESNZ\)](#), which might reflect changes in business and consumer behaviour in response to higher energy prices, as well as warmer than average temperatures in October 2022 contributing to less demand.

Figure 5: Basic pharmaceutical products and preparations, and transport equipment were the main positive contributors to growth in manufacturing output in Quarter 4 2022

UK, contributions to manufacturing growth, Quarter 3 (July to Sept) to Quarter 4 (Oct to Dec) 2022

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UK, contributions to manufacturing growth, Quarter 3 (July to Sept) to Quarter 4 (Oct to Dec) 2022



Source: GDP quarterly national accounts from the Office for National Statistics

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Construction

The latest estimates show that there has been a 1.3% increase in construction output, having previously been estimated to have increased by 0.3%. In Quarter 4 2022 we saw growth in both repair and maintenance (0.8%) and new work (1.6%). Within construction five of the nine sectors saw growth in Quarter 4 2022 with the largest contribution coming from infrastructure, where output increased by 7.3%. In 2022, construction grew by 6.2% following growth of 13.1% in 2021.

4 . Expenditure

There was an increase of 0.2% in household consumption in Quarter 4 (Oct to Dec) 2022. There was also higher investment spending and higher government spending on the quarter. This was partially offset by businesses de-stocking their levels of inventories and a decline in the volume of net trade in Quarter 4 2022.

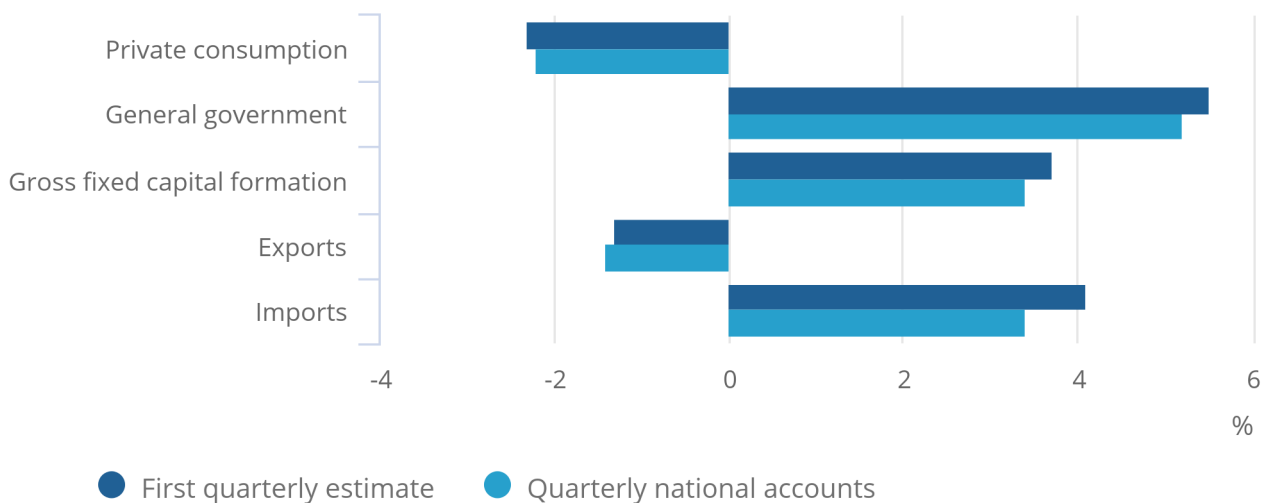
Figure 6 shows the previous and latest estimates of the level of real spending relative to pre-coronavirus (COVID-19) pandemic levels for Quarter 4 2022. The impact of revisions on real gross domestic expenditure over this period have been minimal, although there have been downward revisions to business investment within gross fixed capital formation. For more information, please refer to the gross capital formation section of this bulletin.

Figure 6: There has been minimal impact of revisions on real gross domestic expenditure, although there have been some revisions to underlying components

UK, breakdown of selected expenditure components, percentage change, Quarter 4 (Oct to Dec) 2019 to Quarter 4 2022

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UK, breakdown of selected expenditure components, percentage change, Quarter 4 (Oct to Dec) 2019 to Quarter 4 2022



Source: GDP quarterly national accounts from the Office for National Statistics

Notes:

1. The chart for presentation purposes excludes changes in inventories and acquisitions less disposable of assets.
2. Private consumption is household final consumption expenditure and non-profit institutions serving households.

Private consumption

Within private consumption, real household expenditure increased by 0.2% in Quarter 4 2022, revised up from an increase of 0.1% in the first quarterly estimate. This quarterly increase was driven by higher spending on net tourism (UK tourists abroad), transport and housing (electricity and gas), partially offset by falls in spending on recreation and culture, and food and drink (Figure 7).

There have been some revisions to the quarterly path in 2022, mainly reflecting revised tourism expenditure. These revisions primarily impact on the national concept of household expenditure, which includes spending by UK residents abroad, and excludes foreign nationals' spending in the UK. For fuller details, these concepts are explained in our [User guide to consumer trends](#) and our [Definitions and conventions for UK household final consumption expenditure methodology](#). These net tourism revisions have also been reflected in net trade, therefore there is no impact on gross domestic product (GDP).

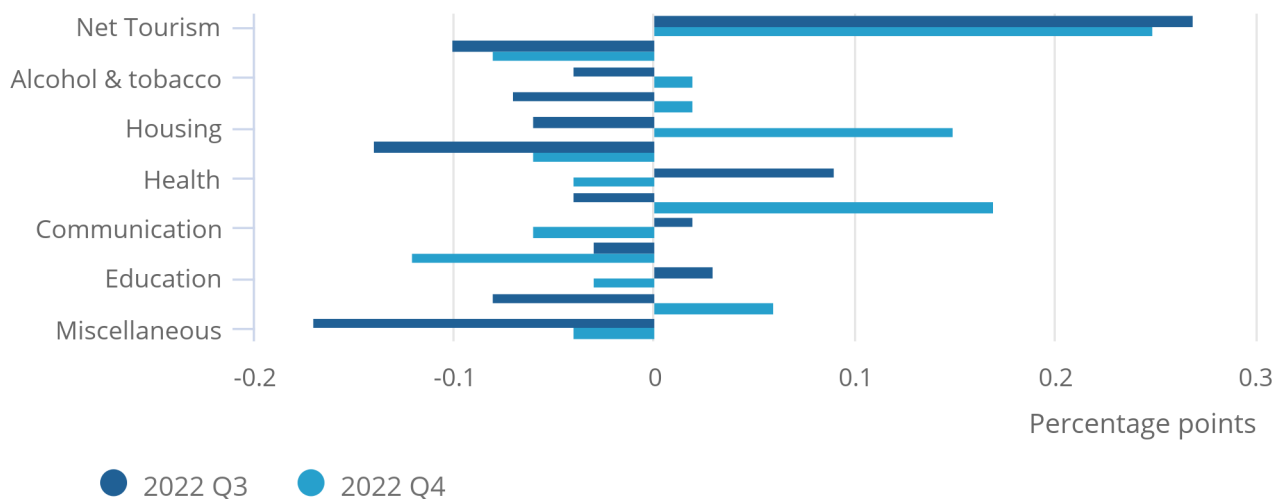
There was also an upward revision to nominal household consumption expenditure. This is now estimated to have increased by 2.5% on the quarter, revised up from the first estimate of 1.3%. There are revised nominal estimates of spending on financial services, in particular [financial intermediation services indirectly measured \(FISIM\)](#). This is the implied charge by financial intermediaries on loans and deposits.

Figure 7: Spending on net tourism, transport and housing contributed to the increase in real household consumption in Quarter 4 2022

UK, contributions to household consumption, Quarter 3 (July to Sept) to Quarter 4 (Oct to Dec) 2022

Figure 7: Spending on net tourism, transport and housing contributed to the increase in real household consumption in Quarter 4 2022

UK, contributions to household consumption, Quarter 3 (July to Sept) to Quarter 4 (Oct to Dec) 2022



Source: GDP quarterly national accounts from the Office for National Statistics

Notes:

1. Components' contribution may not sum to total because of rounding.

Consumption of government goods and services

Real government expenditure increased by 0.5% in Quarter 4 2022, revised down from a previous estimate of 0.8%. The quarterly increase is driven by central government, with the largest rise being in public administration and defence, followed by health. The health volumes increase reflected some effects of a higher number of coronavirus (COVID-19) vaccinations, including the effects of the autumn booster campaign. Within the non-COVID-19 health activity, elective operations and out-patient attendance were affected by strike action during December 2022, weakening growth.

There was a 1.5% fall in education volumes in the final quarter of the year, reflecting lower attendance throughout Quarter 4 2022 particularly in December 2022. This saw a significant drop in attendance levels in the run-up to Christmas, where anecdotal evidence points to concerns around the transmission of COVID-19 before the Christmas holidays.

Gross capital formation

Gross fixed capital formation (GFCF) increased by 0.3% in Quarter 4 2022, revised down from a first estimate increase of 1.5%.

Early estimates of business investment are particularly prone to revision, including nominal and real estimates of expenditure. Business investment is now estimated to have fallen by 0.2% in Quarter 4 2022, revised down from a first estimate increase of 4.8%. Figure 8 shows that business investment saw notable revisions to estimates across all quarters of 2022 following a further review of the early estimates. Revisions in the latest periods in particular are largely because of a combination of new survey data, along with a review and refresh of seasonal adjustment parameters, resulting in seasonally adjusted data being revised. Under our revisions policy, 2022 data have been updated in this release, and 2021 will be revised in September 2023 as part of the annual Blue Book update. GDP headline estimates are unaffected by these revisions because of both their size and the GDP balancing process itself.

Business investment is now estimated to be 2.2% below its pre-coronavirus pandemic level, revised down from previously being equal. For further information on revisions, please refer to our [Business investment in the UK bulletin](#).

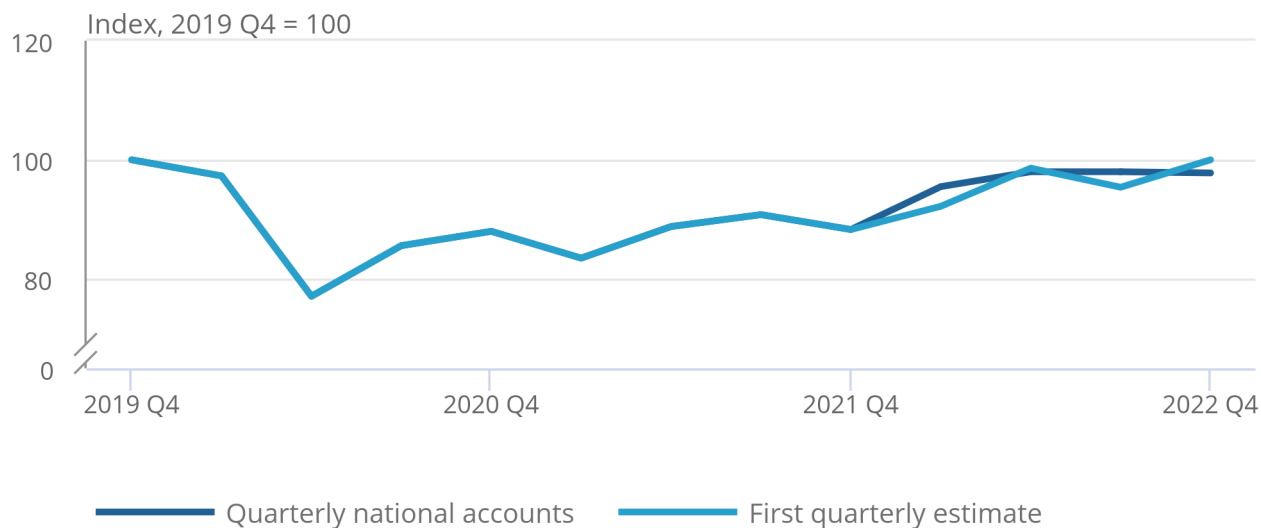
There have been revisions to current price and volume estimates of business investment, which has an impact on its implied price over the last year in particular. Its implied price increased by 0.7% in Quarter 4 2022, an upward revision from the first estimate of a 7.2% decline. These revisions are because of updated estimates in particular for transport products, as well as seasonal adjustment changes.

Figure 8: Business investment is now estimated to be 2.2% below its pre-coronavirus (COVID-19) pandemic level

UK, Quarter 4 (Oct to Dec) 2019 to Quarter 4 2022

Figure 8: Business investment is now estimated to be 2.2% below its pre-coronavirus (COVID-19) pandemic level

UK, Quarter 4 (Oct to Dec) 2019 to Quarter 4 2022



Source: GDP quarterly national accounts from the Office for National Statistics

Notes:

1. Q1 refers to Quarter 1 (Jan to Mar), Q2 refers to Quarter 2 (Apr to June), Q3 refers to Quarter 3 (July to Sept) and Q4 refers to Quarter 4 (Oct to Dec).
2. Index is referenced to Quarter 4 2019.

Excluding the alignment and balancing adjustments, estimates show that inventories fell by £2.2 billion in Quarter 4 2022, revised up from a fall of £6.9 billion in the first estimate. The fall in inventories was driven by reductions particularly for manufacturing industries.

Table 2: Change in inventories, including and excluding balancing and alignment adjustments
UK, Quarter 1 (Jan to Mar) to Quarter 4 (Oct to Dec) 2022

| | Change in Inventories | Of which alignment | Of which balancing | Change in Inventories excluding alignment and balancing |
|---------------------------------------|----------------------------------|-------------------------------|-------------------------------|--|
| 2022 Q1 Current price | 12314 | -2806 | | 15120 |
| 2022 Q1 Chained volume measure | 8822 | -2554 | | 11376 |
| 2022 Q2 Current price | 14229 | 2106 | | 12123 |
| 2022 Q2 Chained volume measure | 7979 | 1932 | | 6047 |
| 2022 Q3 Current price | 3105 | -3002 | | 6107 |
| 2022 Q3 Chained volume measure | -3923 | -2635 | | -1288 |
| 2022 Q4 Current price | 5777 | 3702 | 500 | 1575 |
| 2022 Q4 Chained volume measure | 1538 | 3257 | 500 | -2219 |

Source: GDP quarterly national accounts from the Office for National Statistics

Notes

1. Data are in £ millions.
2. Q1 refers to Quarter 1 (Jan to Mar), Q2 refers to Quarter 2 (Apr to June), Q3 refers to Quarter 3 (July to Sept) and Q4 refers to Quarter 4 (Oct to Dec).
3. Alignment adjustments typically have a target limit of plus or minus £3,000 million on any quarter. However, in periods where the data sources are particularly difficult to balance, larger alignment adjustments are sometimes needed.

Net trade

The UK's departure from the EU has affected the way trade in goods is recorded. In January 2021, data collection for goods exports from Great Britain to the EU moved from the Intrastat survey to customs declarations. That was followed a year later (January 2022) by a move from Intrastat to customs declarations for imports of goods from the EU to Great Britain. The Office for National Statistics (ONS) communicated that both moves affected the trade statistics time series and we recently applied adjustments to imports of goods from the EU in 2021, to bring imports and exports on a like-for-like basis for that year. We are currently looking closely at whether further adjustments can be made to the back series to create a consistent historical series. For more information, see our [Impact of trade in goods data collection changes on UK trade statistics: 2020 to 2022 article](#), and our [Impact of trade in goods data collection changes on UK trade statistics: adjustments to 2021 EU imports estimates article](#).

In addition, when the requirement for customs declaration was introduced for imports of goods to Great Britain from the EU in January 2022, a new policy of Staged Customs Controls was also implemented. This allowed importers to delay their customs declarations by up to 175 days from the date the goods entered the country in 2021. It is possible that some double counting occurred, with imports in the second half of 2021 recorded by the Intrastat Survey, then some appearing again on customs declarations in the first half of 2022. We are working closely with HM Revenue and Customs, analysing trends at product level to understand what adjustments to 2022 imports estimates may be needed. For more detail, see our [Trading places: How we are producing consistent estimates of trade figures following the UK's EU exit blog](#).

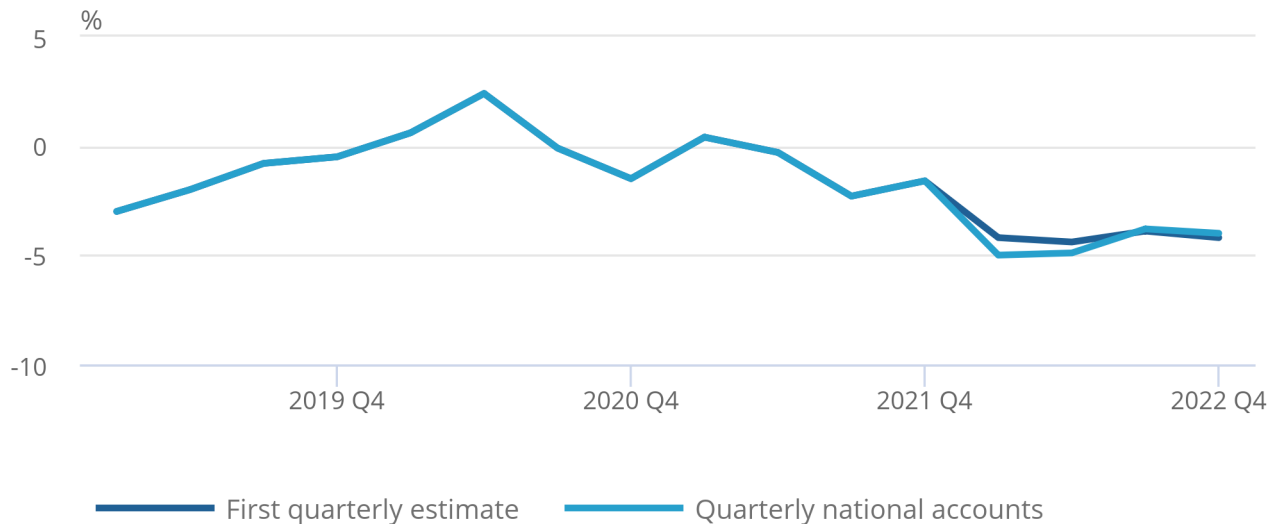
The UK's trade deficit for goods and services was 1.1% of nominal GDP in Quarter 4 2022, revised upwards from a first estimate deficit of 1.3%. However, there have been large movements in non-monetary gold over the last quarter, which can be volatile. Excluding non-monetary gold, the trade deficit was 4.0% of nominal GDP in Quarter 4 2022, revised up from a first estimate deficit of 4.2% (Figure 9).

Figure 9: Excluding non-monetary gold, the UK had a trade deficit of 4.0% of nominal GDP in Quarter 4 2022

UK, trade balance as a percentage of nominal GDP, excluding non-monetary gold, Quarter 1 (Jan to Mar) 2019 to Quarter 4 (Oct to Dec) 2022

Figure 9: Excluding non-monetary gold, the UK had a trade deficit of 4.0% of nominal GDP in Quarter 4 2022

UK, trade balance as a percentage of nominal GDP, excluding non-monetary gold, Quarter 1 (Jan to Mar) 2019 to Quarter 4 (Oct to Dec) 2022



Source: GDP quarterly national accounts from the Office for National Statistics

Notes:

1. Q1 refers to Quarter 1 (Jan to Mar), Q2 refers to Quarter 2 (Apr to June), Q3 refers to Quarter 3 (July to Sept) and Q4 refers to Quarter 4 (Oct to Dec).
2. [Non-monetary gold \(NMG\)](#) is an erratic series and so it can be useful to consider this excluded from the trade balance.

Export volumes decreased by 1.4% in the latest quarter, revised downwards from a fall of 1.0% in the previous estimate. This fall was driven by a decrease of 2.8% in exports of services volumes with falls in intellectual property, and other business services. Exports of goods volumes remained flat in Quarter 4 2022.

Import volumes fell by 0.2% in the latest quarter, revised down from an increase of 1.5% in the previous estimate. This fall was driven by imports of services volumes (down 4.8%) with declines in financial services and other business services.

5 . Income

Nominal gross domestic product (GDP) increased by 2.0% in Quarter 4 (Oct to Dec) 2022, revised from the previous estimate of 1.3%.

The quarterly rise was driven by increases in gross operating surplus, compensation of employees and other income. This was partially offset by a fall in taxes less subsidies, reflecting the large increase in subsidy payments because of the Energy Price Guarantee Scheme and the Energy Bill Relief Scheme (Figure 10).

Figure 10: Nominal gross domestic product (GDP) saw growth of 2.0% in Quarter 4 2022

UK, contributions to growth, Quarter 1 (Jan to Mar) 2021 to Quarter 4 (Oct to Dec) 2022

Figure 10: Nominal gross domestic product (GDP) saw growth of 2.0% in Quarter 4 2022

UK, contributions to growth, Quarter 1 (Jan to Mar) 2021 to Quarter 4 (Oct to Dec) 2022



Source: GDP quarterly national accounts from the Office for National Statistics

Notes:

1. Q1 refers to Quarter 1 (Jan to Mar), Q2 refers to Quarter 2 (Apr to June), Q3 refers to Quarter 3 (July to Sept) and Q4 refers to Quarter 4 (Oct to Dec).
2. Components contributions may not sum to total due to rounding.
3. Please note, the alignment adjustment is included in the Gross Operating Surplus of nominal GDP.

Compensation of employees increased by 1.6% in Quarter 4 2022, reflecting a rise in wages and salaries of 1.9% and a small increase of 0.2% in employers' social contributions. This has been revised from the previous estimate of 1.1%.

Revised estimates show that taxes less subsidies fell by 10.9% in Quarter 4 2022, revised from a previous estimate fall of 22.5% where we have received more up-to-date information on recent subsidy payments. This was driven by a large increase in subsidies because of the energy price guarantee scheme and the energy bill relief scheme.

In October 2022, the Office for National Statistics (ONS) announced that the Energy Price Guarantee Scheme had been classified as a subsidy on products from central government to energy suppliers in the non-financial corporations sector in the UK. For more information, see our [Energy Price Guarantee classification](#).

The equivalent support scheme for businesses and non-domestic customers was announced as the Energy Bill Relief Scheme. This scheme will provide a discount on gas and electricity unit prices and the UK government will compensate the suppliers for this reduction. In October 2022, we announced that the scheme had also been classified as a subsidy on products from central government to energy suppliers in the non-financial corporations sector in the UK. For more information, see our [Energy Bill Relief Scheme classification](#). This quarter's figure is updated from the [GDP first quarterly estimate, UK: October to December 2022](#), however this will be revised over the coming months as firmer data become available.

Total gross operating surplus (GOS) of corporations increased by 8.5% in Quarter 4 2022, revised down from the previous estimate of 15.2%. However, excluding the [alignment adjustment](#), corporations' GOS increased by 1.2% (Table 3), reflecting the Energy Price Guarantees Schemes in private non-financial corporations GOS. However, data content for this component is low at this stage, for more information see our [Introducing a new publication model for GDP article](#). This is reflected in the larger than normal Quarter 4 2022 alignment adjustment (Table 2), as well as challenges in balancing GDP. More detail can be found in [Section 11: Measuring the data](#).

Elsewhere in GOS of corporations, there were increases of 1.4% in financial corporations and 1.5% in public corporations.

Table 3: Gross operating surplus of corporations, including and excluding alignment adjustments UK, Quarter 1 (Jan to Mar) 2022 to Quarter 4 (Oct to Dec) 2022

| | Gross operating surplus of corporations | Of which alignment | Gross operating surplus of corporations excluding alignment | Gross operating surplus of corporations excluding alignment | Quarter-on-quarter growth |
|----------------|--|---------------------------|--|--|----------------------------------|
| 2022 Q1 | 129367 | -2826 | 132193 | | 4.2 |
| 2022 Q2 | 133015 | -591 | 133606 | | 1.1 |
| 2022 Q3 | 132669 | -3143 | 135812 | | 1.7 |
| 2022 Q4 | 143987 | 6560 | 137427 | | 1.2 |

Source: GDP quarterly national accounts from the Office for National Statistics

Notes

1. Data are in £ millions unless labelled otherwise. Growth rates are percentage movements.
2. Q1 refers to Quarter 1 (Jan to Mar), Q2 refers to Quarter 2 (Apr to June), Q3 refers to Quarter 3 (July to Sept) and Q4 refers to Quarter 4 (Oct to Dec).
3. Alignment adjustments typically have a target limit of plus or minus £3,000 million on any quarter. However, in periods where the data sources are particularly difficult to balance, larger alignment adjustments are sometimes needed.

6 . Revisions to GDP

In line with the [National Accounts Revisions Policy](#), the dataset is open to revision back to Quarter 1 (Jan to Mar) 2022 as part of this publication. Figure 1 shows the revised estimates of average real GDP compared with the first estimate.

Table 4 shows the revisions to quarter-on-quarter growth for the components of GDP. This release also includes the processing of some annual data for 2022.

We have also incorporated Value Added Tax (VAT) turnover data up to Quarter 3 (July to Sept) 2022 to better estimate the output of small businesses for some industries in the output approach to GDP. VAT turnover has only been used to estimate growth rates, with the overall level of output still derived from the Annual Business Survey and other annual benchmark sources.

In addition to the annual benchmarks and integration of VAT turnover, there are also revisions in this release because of the replacement of forecasts with actual survey or external source data and new seasonal adjustment factors.

Table 4: Revisions to quarter-on-quarter growth for components of GDP
 Quarter 1 (Jan to Mar) 2022 to Quarter 4 (Oct to Dec) 2022

| | Percentage points | | | |
|--|-------------------|---------|---------|---------|
| | 2022 Q1 | 2022 Q2 | 2022 Q3 | 2022 Q4 |
| Average GDP in chained volume measures | 0.0 | 0.0 | 0.1 | 0.1 |
| Output | | | | |
| Production | 0.2 | 0.3 | 0.8 | 0.2 |
| Construction | -0.1 | 0.4 | 0.3 | 1.0 |
| Services | 0.0 | 0.0 | 0.0 | 0.1 |
| Expenditure | | | | |
| Households | 0.2 | -0.5 | 0.1 | 0.1 |
| Non-profit institutions serving households | 4.1 | 0.2 | 0.9 | 0.8 |
| General government | 0.0 | -0.2 | 0.3 | -0.3 |
| Gross fixed capital formation | 2.2 | -1.7 | 0.8 | -1.2 |
| Total exports | -0.7 | -0.1 | 1.1 | -0.4 |
| Total imports | 0.9 | 0.3 | -0.2 | -1.7 |
| Average GDP in current prices | 0.1 | 0.2 | -0.2 | 0.7 |
| Income | | | | |
| Compensation of employees | -0.1 | 0.2 | 0.1 | 0.5 |
| Gross operating surplus of corporations | 0.5 | 0.1 | -1.4 | -6.7 |
| Other income | -0.1 | -0.1 | 0.3 | 2.9 |
| Taxes on products & production less subsidies | 0.5 | -0.1 | 0.3 | 11.6 |

Source: GDP quarterly national accounts from the Office for National Statistics

Notes

1. Q1 refers to Quarter 1 (Jan to Mar) Q2 refers to Quarter 2 (Apr to June) Q3 refers to Quarter 3 (July to Sept) and Q4 refers to Quarter 4 (Oct to Dec).
2. Revisions are between the GDP first quarterly estimate published 10 February 2023 and quarterly national accounts published 31 March 2023.

7 . Quarterly sector accounts

Households' saving ratio (seasonally adjusted)

The household saving ratio increased to 9.3% in Quarter 4 (Oct to Dec) 2022, from 8.9% in the previous quarter (Figure 11).

Driving the 9.3% headline saving ratio, is the rise in household income of £12.6 billion, itself driven by miscellaneous current transfers which reached the highest level on record at £8.8 billion, increasing by £6.7 billion compared with the previous quarter. A large contributor to this increase, £5.7 billion, were payments received by households from government under the Energy Bills Support Scheme. The scheme provided households in England, Scotland and Wales with a £400 payment spread over a period of six months beginning on 1 October 2022, to help with their winter energy bills.

Further detail on the scheme can be found on the [Help with your energy bills webpage on GOV.UK](#). Details on how we classified the scheme and other energy support packages can be found in our [Public sector classification guide and forward work plan](#).

Also contributing to the rise in household income were the combined increase of £8.9 billion compared with Quarter 3 (July to Sept) 2022 in wages and salaries, operating surplus and mixed income (the income of the self employed).

Partially offsetting the rise in income, household final consumption expenditure, deducted from households' total income to create households' saving, rose by £9.5 billion from the previous quarter. This was driven by growth in household final consumption expenditure on gas and electricity, which increased by £3.7 billion, and was less than expected because of milder weather in the autumn and the effect of the Energy Price Guarantee Scheme on the cost of energy consumed by households.

Also offsetting the rise in household income was a fall in the adjustment for the change in pension entitlements of £1.6 billion after reaching a record high in Quarter 3 2022 of £29.9 billion. Levels remain high in the current quarter, and as seen in Figure 1, pensions saving remain at an elevated level compared with previous quarters.

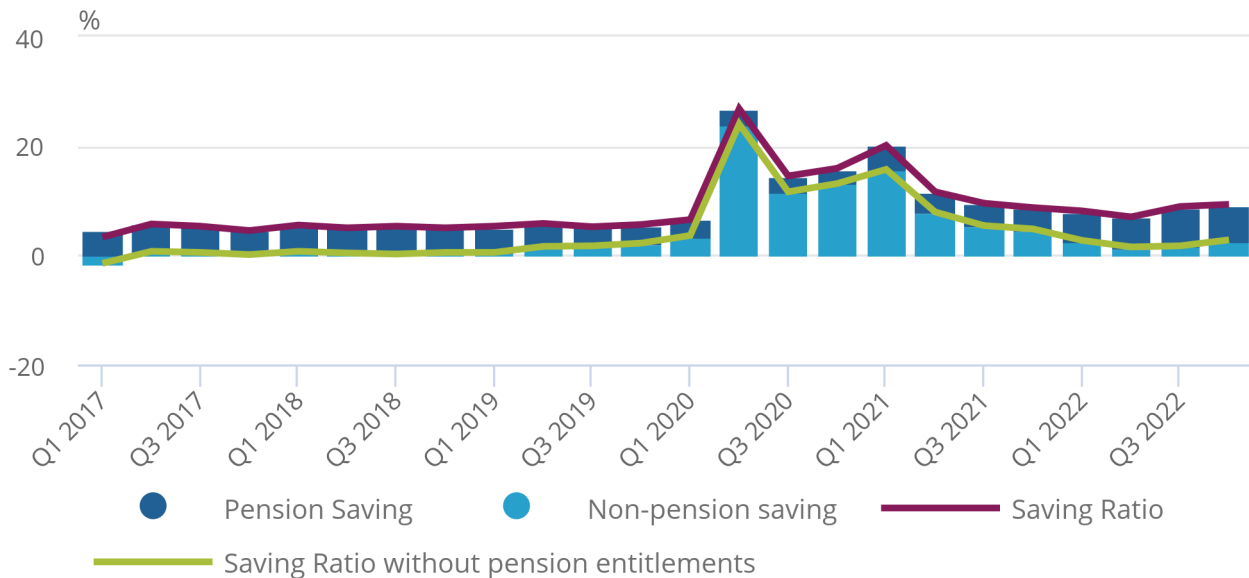
The high level of the adjustment for the change in pension entitlements is because of gilt yields remaining high in Quarter 4 2022, but below their record Quarter 3 2022 levels. The high level of the adjustment for the change in pension entitlements in Quarter 3 was primarily because of a combination of economic factors which caused gilt yields to rise sharply as UK gilt prices fell. Rising gilt yields can affect pension actuarial modelling assumptions. For further methodology on estimation of pensions in the national accounts, see the [Impact on household contribution supplements and saving section of our Pensions in the national accounts, a fuller picture of the UK's funded and unfunded pension obligations: 2010 to 2015 article](#).

Figure 11: Households' saving ratio increased to 9.3% in Quarter 4 (Oct to Dec) 2022, from 8.9% in the previous quarter

UK, percentage change and contribution, Quarter 1 (Jan to Mar) 2017 to Quarter 4 (Oct to Dec) 2022

Figure 11: Households' saving ratio increased to 9.3% in Quarter 4 (Oct to Dec) 2022, from 8.9% in the previous quarter

UK, percentage change and contribution, Quarter 1 (Jan to Mar) 2017 to Quarter 4 (Oct to Dec) 2022



Source: Quarterly sector accounts from the Office for National Statistics

Notes:

1. Q1 refers to Quarter 1 (Jan to Mar), Q2 refers to Quarter 2 (Apr to June), Q3 refers to Quarter 3 (July to Sept) and Q4 refers to Quarter 4 (Oct to Dec).

Real households' disposable income (seasonally adjusted)

Real households' disposable income (RHDI) saw growth of 1.3% after four consecutive quarters of negative growth. Within RHDI, nominal gross disposable income saw strong growth at 3.6%, the largest quarter on quarter growth since Quarter 2 (Apr to June) 1999, when it was 4.1%. As mentioned above, the Energy Bills Support Scheme drove the growth. Private sector wage growth also contributed to nominal income growth.

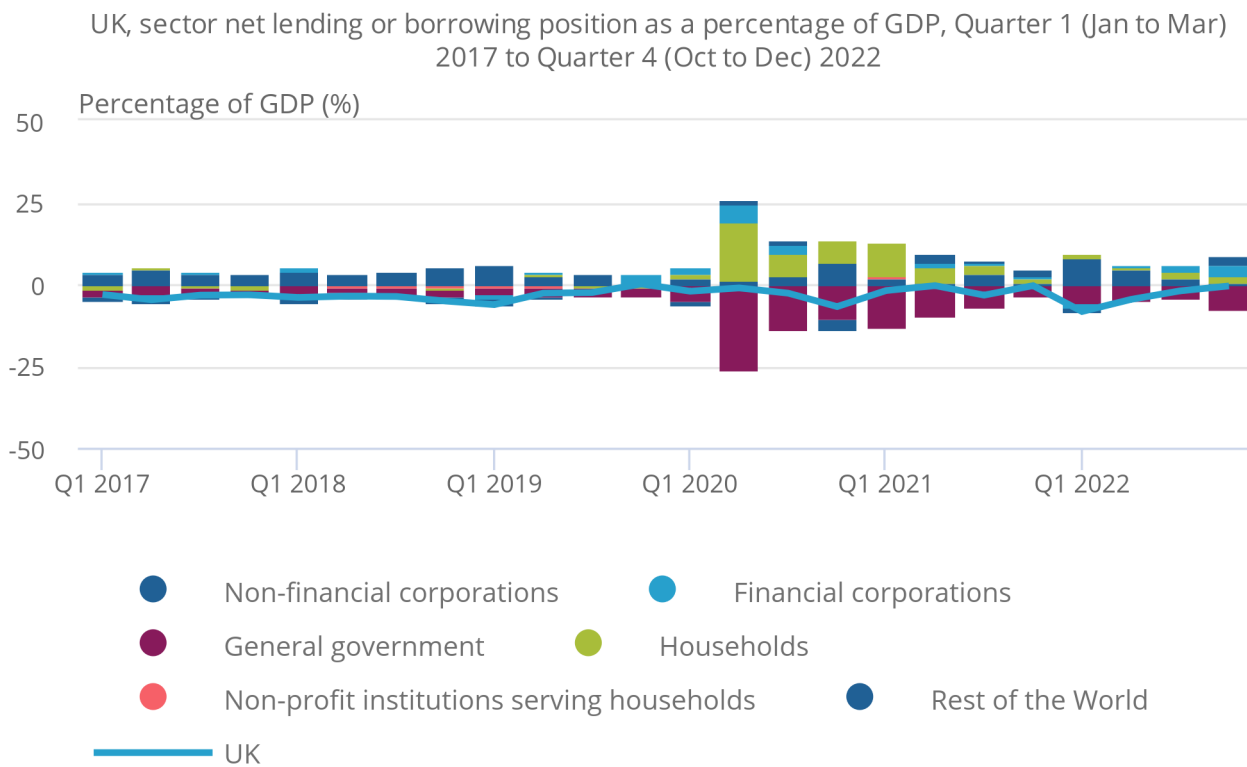
Nominal income growth outpaced the household expenditure implied deflator, which grew by 2.3% this quarter. Driving the quarterly growth in the household deflator are price increases in gas and electricity, and financial intermediation services indirectly measured (FISIM).

Non-financial account net lending and borrowing (seasonally adjusted)

Figure 12: The UK's borrowing position with the rest of the world as a percentage of gross domestic product (GDP) decreased to 0.6% in Quarter 4 2022 from 2.1% in Quarter 3 2022

UK, sector net lending or borrowing position as a percentage of GDP, Quarter 1 (Jan to Mar) 2017 to Quarter 4 (Oct to Dec) 2022

Figure 12: The UK's borrowing position with the rest of the world as a percentage of gross domestic product (GDP) decreased to 0.6% in Quarter 4 2022 from 2.1% in Quarter 3 2022



Source: Quarterly sector accounts from the Office for National Statistics

Notes:

1. Q1 refers to Quarter 1 (Jan to Mar), Q2 refers to Quarter 2 (Apr to June), Q3 refers to Quarter 3 (July to Sept) and Q4 refers to Quarter 4 (Oct to Dec).

The UK's borrowing position with the rest of the world as a percentage of gross domestic product (GDP) decreased to 0.6% in Quarter 4 2022 from 2.1% in Quarter 3 2022.

Financial corporations increased their net lending position to 3.7% of GDP in Quarter 4 2022 from 1.9% of GDP in the previous quarter. This was driven by a fall in gross capital formation of £5.3 billion, which was driven by the acquisition less disposal of non-monetary gold. There was also a rise in net property income of £5.0 billion, which was driven by an increase in net re-invested earnings on foreign direct investment.

Non-financial corporations switched to net lending of 2.6% of GDP in Quarter 4 2022, following a net borrowing position of 0.1% in Quarter 3 2022. Within non-financial corporations, private non-financial corporations' (PNFCs) saw a rise of £10.9 billion in their gross operating surplus reflecting the Energy Price Guarantees Schemes. Added to this, net property income increased by £10.0 billion, which was driven by dividends paid out during the quarter.

Households saw no change to their net lending position of 2.1% as a percentage of GDP in Quarter 4 2022 when compared with Quarter 3 2022. However, households nominal net lending increased to £13.4 billion in Quarter 4 2022, following a net lending position of £13.0 billion in Quarter 3 2022. This was driven by a rise in miscellaneous current transfers driven by the Energy Bills Support Scheme and a rise in wages and salaries of the private sector. This was partially offset by a £9.5 billion rise in final consumption as described in the Households' saving ratio (seasonally adjusted) section of this bulletin.

Offsetting these net lending positions, general government saw an increase in their net borrowing position to 7.0% of GDP in Quarter 4 2022 from net borrowing of 4.1% as a percentage of GDP in Quarter 3 2022. Central government saw an increase in current transfers paid out of £8.8 billion. As previously seen, £5.7 billion of the increase was because of the Energy Bills Support Scheme. Subsidies paid out by government to non-financial corporations also increased by £8.4 billion driven by the Energy Price Guarantee and Energy Bills Relief Scheme subsidy payments to energy providers.

Financial account net lending and borrowing (not seasonally adjusted)

Households increased their net lending in the financial account to £27.4 billion in Quarter 4 2022, following a net lending position of £18.9 billion in Quarter 3 2022. This was driven by a fall in loans secured on dwellings of £6.9 billion.

Financial corporations increased their net lending to £20.8 billion in Quarter 4 2022 following net lending of £16.4 billion in Quarter 3 2022. This was driven by a rise of £137.2 in net equity and investment fund shares, offset by a fall in net loans of £87.6 billion.

Non-financial corporations increased net borrowing to £9.1 billion in Quarter 4 2022 from £7.6 billion in Quarter 3 2022. In the sub-sector, public non-financial corporations switched to net borrowers of £0.4 billion in Quarter 4 2022, from being net lenders of £1.2 billion in Quarter 3 2022. This was driven by a fall in deposits held with UK monetary financial institutions of £1.5 billion.

Private non-financial corporations decreased their borrowing to £8.7 billion in Quarter 4 2022 from borrowing £8.9 billion in the previous quarter. This was because of a fall in loan liabilities of £70.3 billion, partially offset by falls in loan assets of £24.1 billion and in other accounts receivable of £30.2 billion.

General government increased their net borrowing to £54.0 billion following on from £29.0 billion in the previous quarter. This was driven by a rise in long term central government issued debt securities of £62.4 billion, and partially offset by a decrease in other accounts payable of £30.5 billion.

Rest of the world increased its net lending to £13.3 billion in Quarter 4 2022 following on from £2.0 billion in Quarter 3 2022. This was driven by the acquisition of short-term debt securities issued by UK monetary financial institutions of £61.6 billion, a rise in net loans of £55.0 billion and a rise of currency and deposits by £42.2 billion. This has been largely offset by an increase of shares and other equity issued by the rest of the world of £75.3 billion.

Quarter 3 2022 has experienced larger than usual revisions to short term loans issued by the rest of the world monetary financial institutions, which revised downwards by £80.3 billion as a result of Bank for International Settlements data replacing forecast estimates.

8 . International comparisons

Table 5: Real GDP growth for the G7 economies

Percentage change, quarter on quarter and annual growth, real gross domestic product (GDP) for 2021 and 2022

| Country | Quarter on previous quarter (%) | | | | Quarter on quarter growth (%), 2022 Q4 compared to prepandemic 2019 Q4 | Annual growth (%) | |
|-----------------------|---------------------------------|---------|---------|---------|---|-------------------|------|
| | 2022 Q1 | 2022 Q2 | 2022 Q3 | 2022 Q4 | 2022 Q4 | 2021 | 2022 |
| Canada | 0.6 | 0.9 | 0.6 | 0.0 | 2.9 | 5.0 | 3.4 |
| France | -0.2 | 0.5 | 0.2 | 0.1 | 1.2 | 6.8 | 2.6 |
| Germany | 0.8 | 0.1 | 0.5 | -0.4 | 0.0 | 2.6 | 1.8 |
| Italy | 0.1 | 1.0 | 0.4 | -0.1 | 1.9 | 7.0 | 3.7 |
| Japan | -0.5 | 1.2 | -0.3 | 0.0 | 0.8 | 2.1 | 1.0 |
| United Kingdom | 0.5 | 0.1 | -0.1 | 0.1 | -0.6 | 7.6 | 4.1 |
| United States | -0.4 | -0.1 | 0.8 | 0.7 | 5.1 | 5.9 | 2.1 |

Source: GDP quarterly national accounts from the Office for National Statistics and Organisation for Economic Co-operation and Development

Notes

1. Q1 refers to Quarter 1 (Jan to Mar) Q2 refers to Quarter 2 (Apr to June) Q3 refers to Quarter 3 (July to Sept) and Q4 refers to Quarter 4 (Oct to Dec).
2. The Group of Seven (G7) is an intergovernmental organisation, which consists of the US, UK, France, Germany, Italy, Canada and Japan.
3. Data as of 28 March 2023.
4. Recent analysis highlights the challenges of making international comparisons of GDP at this time.

9 . GDP quarterly national accounts data

[GDP - data tables](#)

Dataset | Released 31 March 2023

Annual and quarterly data for UK gross domestic product (GDP) estimates, in chained volume measures and current market prices.

[GDP in chained volume measures - real-time database \(ABMI\)](#)

Dataset | Released 31 March 2023

Quarterly levels for UK gross domestic product (GDP), in chained volume measures at market prices.

[GDP at current prices - real-time database \(YBHA\)](#)

Dataset | Released 31 March 2023

Quarterly levels for UK gross domestic product (GDP) at current market prices.

10 . Glossary

Contribution to growth

Contribution to growth indicates how many percentage points a sector or industry is adding or removing from a given growth rate, usually headline gross domestic product (GDP) growth.

Chained volume measure

Data in chained volume measures (CVM) within this bulletin have had the effect of price changes removed (in other words, the data are deflated), except for income data, which are only available in current prices.

Gross domestic product (GDP)

A measure of the economic activity produced by a country or region. GDP growth is the main indicator of economic performance. There are three approaches used to measure GDP:

- the output approach
- the expenditure approach
- the income approach

Index numbers

Data relative to a given base value, which typically refers to a particular year or quarter.

For further definitions, please see our [Glossary of economic terms](#).

11 . Measuring the data

Reaching the GDP balance

The different data content and quality of the three approaches - the output approach, the expenditure approach and the income approach - dictate the approach taken in balancing quarterly data. In the UK, there are more data available on output in the short term than in either of the other two approaches. To obtain the best estimate of gross domestic product (GDP) (the published figure), the estimates from all three approaches are balanced to produce an average, except in the latest two quarters where the output data take the lead because of the larger data content.

Quarterly GDP is a balanced measure of the three approaches, while the GDP monthly estimate focuses on gross value added (GVA) and output as a proxy for GDP. This results in data differences (in both levels and growths terms) between the quarterly publications (average GDP) and the [GDP monthly estimate](#) (output approach to GDP). Quarterly GDP is the lead measure of GDP because of its higher data content and inclusion of variables, which enable the conversion from a GVA concept to a GDP basis.

Information on the methods we use for [Balancing the output, income and expenditure approaches to measuring GDP](#) is available.

Alignment adjustments, found in Table M of the [GDP data tables](#), have a target limit of plus or minus £3,000 million on any quarter. However, in periods where the data sources are particularly difficult to balance, larger alignment adjustments are sometimes needed as explained in our [article, Recent challenges of balancing the three approaches of GDP](#). Our standard practice is to prefer that the alignment adjustment be out of tolerance rather than over-adjust individual GDP components to achieve a balance. This is most likely to occur in the latest quarter where the constraints are larger, where we must align to the output estimate for that change in GDP, and where the data content is at its lowest.

In this quarter, the alignment adjustment, used to align expenditure and income to average GDP, is larger than normal (Table 2 and Table 3), reflecting the current challenges and uncertainties within the expenditure and income approaches. Work will continue with a focus on the expenditure and income approaches to GDP, and we will continue to review this over the coming months as and when more information becomes available.

To achieve a balanced GDP dataset through alignment, balancing adjustments are applied to the components of GDP where data content is particularly weak in a given quarter because of a higher level of forecast content. The balancing adjustments applied in this estimate are shown in Table 6. The resulting series should be considered accordingly.

Table 6: Balancing adjustments applied to the GDP quarterly national accounts dataset
Quarter 1 (Jan to Mar) 2022 to Quarter 4 (Oct to Dec) 2022

| GDP measurement approach and component adjustment applied to | | Q1 2022 | Q2 2022 | Q3 2022 | Q4 2022 |
|--|------------------------|---------|---------|---------|---------|
| | | | | | |
| Expenditure | | | | | |
| Trade in services | Current prices | 2200 | 2000 | 1500 | 4500 |
| | Chained volume measure | 1200 | 2000 | 1500 | 4500 |
| Inventories | Current prices | | | | 500 |
| | Chained volume measure | | | | 500 |
| Income | | | | | |
| Gross operating surplus of corporations | Current prices | -500 | 1500 | 1800 | 2500 |
| | | | | | |
| Wages and salaries | Current prices | | 500 | 750 | 750 |

Source: GDP quarterly national accounts from the Office for National Statistics

Notes

1. Adjustments are in £ million.
2. Q1 refers to Quarter 1 (Jan to Mar), Q2 refers to Quarter 2 (Apr to June), Q3 refers to Quarter 3 (July to Sept) and Q4 refers to Quarter 4 (Oct to Dec).

GDP monthly estimate

Although this release focuses on providing the best quarterly estimate of GDP, an indicative monthly path for the updated time series is provided in our [Indicative monthly GDP - consistent with quarterly national accounts dataset](#). A full breakdown of the monthly data consistent with this quarterly release will be available in the next monthly GDP release (on 13 April 2023).

12 . Strengths and limitations

The UK National Accounts are drawn together using data from many different sources. This ensures that they are comprehensive and provide different perspectives on the economy, for example, sales by retailers and purchases by households. Further information on measuring gross domestic product (GDP) can be found in our [Guide to the UK National Accounts](#), and more quality and methodology information (QMI) is available in our [Gross domestic product \(GDP\) QMI](#).

Important quality information

There are common pitfalls in interpreting data series, and these include:

- expectations of accuracy and reliability in early estimates are often too high
- revisions are an inevitable consequence of the trade-off between timeliness and accuracy
- early estimates are based on incomplete data

Very few statistical revisions arise as a result of "errors" in the popular sense of the word. All estimates, by definition, are subject to statistical "error".

Many different approaches can be used to summarise revisions; the "Accuracy and reliability" section in our [Gross domestic product \(GDP\) QMI](#) analyses the mean average revision and the mean absolute revision for GDP estimates over data publication iterations.

GDP estimates for 2022 are subject to [more uncertainty than usual](#) as a result of the challenges we faced estimating GDP in the current conditions. Differences in the methods for estimating the output of health and education services across different countries mean GDP may be less internationally comparable during the coronavirus (COVID-19) pandemic and recovery than usual, so comparisons should be made with increased caution. For more information, please refer to our [Why has UK GDP fallen so sharply in the pandemic? blog](#).

13 . Related links

[GDP first quarterly estimate, UK: October to December 2022](#)

Bulletin | Released 10 February 2023

First quarterly estimate of gross domestic product (GDP). Contains current and constant price data on the value of goods and services to indicate the economic performance of the UK.

[Coronavirus and the effects on GDP](#)

Article | Released 6 May 2020

How the global coronavirus (COVID-19) pandemic and the wider containment efforts are expected to impact on UK gross domestic product (GDP) as well as some of the challenges that National Statistical Institutes are likely to face.

[Measuring monthly and quarterly gross domestic product in the coronavirus \(COVID-19\) pandemic](#)

Article | Released 11 November 2021

How we produce monthly and quarterly estimates of UK gross domestic product and why this affects estimating where the economy is relative to its pre-coronavirus (COVID-19) pandemic level.

[International comparisons of GDP during the coronavirus \(COVID-19\) pandemic](#)

Article | Released 1 February 2021

The coronavirus (COVID-19) pandemic has led to record declines in gross domestic product (GDP) in advanced economies in 2020. International comparisons show that the UK has experienced the largest contraction in volume GDP amongst the G7 countries. However, international comparisons have also been complicated by how National Statistical Institutes (NSIs) record non-market output.

[Communicating the UK Economic Cycle](#)

Article | Released 11 November 2022

Explanation of movement in gross domestic product (GDP) and wider considerations around technical recessions in the UK.

14 . Cite this statistical bulletin

Office for National Statistics (ONS), released 31 March 2023, ONS website, statistical bulletin, [GDP quarterly national accounts, UK: October to December 2022](#)

A1 National accounts aggregates^{1,2}

2019 = 100

| | Value indices at current prices | | Chained volume indices | | | | Implied deflators ³ | | | |
|--|---|-----------------------------------|---|-----------------------------------|---|---------------------------------|--------------------------------|---|-----------------------------------|--|
| | Gross domestic product at market prices | Gross value added at basic prices | Gross domestic product at market prices | Gross value added at basic prices | Gross national disposable income at market prices | Market sector gross value added | Gross national expenditure | Gross domestic product at market prices | Gross value added at basic prices | |
| | YBEU | YBEX | YBEZ | CGCE | YBFP | L48H | YBFV | YBGB | CGBV | |
| 2020 | 94.2 | 95.2 | 89.0 | 89.4 | 87.3 | 90.3 | 105.4 | 105.9 | 106.4 | |
| 2021 | 101.4 | 101.7 | 95.7 | 96.5 | 96.6 | 96.4 | 105.9 | 106.0 | 105.4 | |
| 2022 | 111.3 | 111.5 | 99.7 | 100.4 | 99.7 | 100.4 | 112.9 | 111.7 | 111.0 | |
| Seasonally adjusted | | | | | | | | | | |
| 2020 Q3 | 95.5 | 96.7 | 90.0 | 90.5 | 89.3 | 91.9 | 105.4 | 106.1 | 106.8 | |
| Q4 | 96.4 | 96.9 | 91.1 | 91.8 | 89.0 | 92.7 | 105.2 | 105.9 | 105.6 | |
| 2021 Q1 | 96.1 | 97.0 | 90.1 | 90.8 | 90.7 | 92.0 | 106.4 | 106.7 | 106.8 | |
| Q2 | 100.5 | 100.8 | 96.0 | 96.8 | 97.1 | 96.5 | 104.3 | 104.7 | 104.2 | |
| Q3 | 103.2 | 103.2 | 97.7 | 98.4 | 98.3 | 98.0 | 105.6 | 105.6 | 104.8 | |
| Q4 | 105.9 | 105.7 | 99.1 | 99.9 | 100.5 | 99.1 | 107.3 | 106.8 | 105.8 | |
| 2022 Q1 | 108.3 | 108.1 | 99.6 | 100.4 | 98.2 | 100.2 | 109.7 | 108.7 | 107.7 | |
| Q2 | 110.5 | 110.3 | 99.7 | 100.4 | 100.8 | 100.6 | 112.0 | 110.8 | 109.8 | |
| Q3 | 112.1 | 111.7 | 99.6 | 100.3 | 98.9 | 100.3 | 114.7 | 112.5 | 111.3 | |
| Q4 | 114.3 | 115.9 | 99.7 | 100.5 | 101.0 | 100.5 | 115.6 | 114.6 | 115.4 | |
| Percentage change, latest year on previous year | | | | | | | | | | |
| | IHYM | KGL6 | IHYP | KGM7 | KH6X | L489 | KH7D | IHYS | KGM4 | |
| 2020 | -5.8 | -4.8 | -11.0 | -10.6 | -12.7 | -9.7 | 5.4 | 5.9 | 6.4 | |
| 2021 | 7.6 | 6.8 | 7.6 | 7.9 | 10.7 | 6.8 | 0.5 | - | -1.0 | |
| 2022 | 9.7 | 9.7 | 4.1 | 4.1 | 3.2 | 4.2 | 6.6 | 5.4 | 5.4 | |
| Percentage change, latest quarter on previous quarter | | | | | | | | | | |
| | IHYN | KGL8 | IHYQ | KGM9 | KH6Z | | KH7E | IHYT | KGM5 | |
| 2020 Q3 | 12.3 | 11.6 | 16.6 | 16.8 | 20.4 | 18.1 | -4.4 | -3.7 | -4.4 | |
| Q4 | 1.0 | 0.3 | 1.2 | 1.4 | -0.4 | 0.9 | -0.2 | -0.2 | -1.1 | |
| 2021 Q1 | -0.3 | 0.1 | -1.1 | -1.0 | 1.9 | -0.8 | 1.1 | 0.7 | 1.1 | |
| Q2 | 4.5 | 3.9 | 6.5 | 6.6 | 7.1 | 4.9 | -2.0 | -1.9 | -2.5 | |
| Q3 | 2.7 | 2.3 | 1.7 | 1.7 | 1.2 | 1.5 | 1.3 | 0.9 | 0.6 | |
| Q4 | 2.7 | 2.4 | 1.5 | 1.5 | 2.2 | 1.1 | 1.6 | 1.1 | 0.9 | |
| 2022 Q1 | 2.3 | 2.3 | 0.5 | 0.5 | -2.3 | 1.2 | 2.2 | 1.8 | 1.8 | |
| Q2 | 2.0 | 2.0 | 0.1 | - | 2.7 | 0.4 | 2.1 | 1.9 | 2.0 | |
| Q3 | 1.4 | 1.3 | -0.1 | -0.1 | -1.9 | -0.3 | 2.3 | 1.5 | 1.4 | |
| Q4 | 2.0 | 3.8 | 0.1 | 0.2 | 2.1 | 0.1 | 0.8 | 1.9 | 3.6 | |
| Percentage change, latest quarter on corresponding quarter of previous year | | | | | | | | | | |
| | IHYO | KGM2 | IHYR | KGN3 | KH73 | L48D | KH7F | IHYU | KGM6 | |
| 2020 Q3 | -5.2 | -3.9 | -10.3 | -9.9 | -10.5 | -8.7 | 4.9 | 5.8 | 6.6 | |
| Q4 | -4.9 | -4.6 | -9.2 | -8.6 | -11.6 | -8.2 | 4.3 | 4.7 | 4.4 | |
| 2021 Q1 | -3.9 | -3.5 | -7.7 | -7.4 | -6.2 | -6.9 | 4.4 | 4.1 | 4.2 | |
| Q2 | 18.2 | 16.4 | 24.4 | 24.9 | 30.9 | 24.1 | -5.4 | -5.0 | -6.8 | |
| Q3 | 8.1 | 6.7 | 8.5 | 8.8 | 10.0 | 6.7 | 0.2 | -0.4 | -1.9 | |
| Q4 | 9.8 | 9.0 | 8.9 | 8.9 | 12.9 | 6.9 | 2.0 | 0.9 | 0.1 | |
| 2022 Q1 | 12.7 | 11.4 | 10.6 | 10.6 | 8.3 | 9.0 | 3.1 | 1.9 | 0.8 | |
| Q2 | 10.0 | 9.4 | 3.8 | 3.8 | 3.8 | 4.3 | 7.4 | 5.9 | 5.4 | |
| Q3 | 8.6 | 8.3 | 2.0 | 1.9 | 0.6 | 2.4 | 8.5 | 6.5 | 6.2 | |
| Q4 | 7.9 | 9.7 | 0.6 | 0.5 | 0.5 | 1.4 | 7.7 | 7.3 | 9.1 | |

1 Estimates cannot be regarded as accurate to the last digit shown.

2 The growth rates are calculated from the £m series and due to the rounded nature of the index series the growth rates cannot be replicated.

3 Based on the sum of expenditure components of GDP at current prices and in chained volume terms.

A2 National accounts aggregates¹

£ million

| | Current prices | | | | | Chained Volume Measures (Reference year 2019) | | | | |
|--|--|-------------------------------------|---|--|-----------------------------------|---|--|-----------------------------------|--|--|
| | Gross national income at market prices | Net income from abroad ² | Gross domestic product at market prices | less Basic price adjustment ³ | Gross value added at basic prices | Gross domestic product at market prices | less Basic price adjustment ³ | Gross value added at basic prices | Gross value added excluding oil & gas ⁴ | |
| | ABMZ | CAES | YBHA | NTAP | ABML | ABMI | NTAO | ABMM | KLS2 | |
| 2020 | 2 062 202 | -47 386 | 2 109 594 | 206 019 | 1 903 575 | 1 991 439 | 202 705 | 1 788 734 | 1 771 171 | |
| 2021 | 2 282 111 | 11 865 | 2 270 246 | 236 575 | 2 033 671 | 2 142 738 | 212 770 | 1 929 968 | 1 915 083 | |
| 2022 | 2 505 567 | 14 329 | 2 491 238 | 260 971 | 2 230 267 | 2 230 625 | 222 157 | 2 008 468 | 1 993 316 | |
| Seasonally adjusted | | | | | | | | | | |
| 2020 Q3 | 525 918 | -8 253 | 534 171 | 50 796 | 483 375 | 503 509 | 51 043 | 452 466 | 448 122 | |
| Q4 | 526 934 | -12 732 | 539 666 | 54 995 | 484 671 | 509 621 | 50 803 | 458 818 | 454 545 | |
| 2021 Q1 | 537 029 | -878 | 537 907 | 52 802 | 485 105 | 504 255 | 50 196 | 454 059 | 450 063 | |
| Q2 | 563 814 | 1 566 | 562 248 | 58 107 | 504 141 | 537 175 | 53 276 | 483 899 | 480 839 | |
| Q3 | 579 686 | 2 330 | 577 356 | 61 418 | 515 938 | 546 487 | 54 222 | 492 265 | 488 268 | |
| Q4 | 601 582 | 8 847 | 592 735 | 64 248 | 528 487 | 554 821 | 55 076 | 499 745 | 495 913 | |
| 2022 Q1 | 598 886 | -7 381 | 606 267 | 65 681 | 540 586 | 557 524 | 55 411 | 502 113 | 498 201 | |
| Q2 | 627 271 | 9 061 | 618 210 | 66 873 | 551 337 | 557 810 | 55 657 | 502 153 | 498 352 | |
| Q3 | 630 040 | 2 895 | 627 145 | 68 508 | 558 637 | 557 286 | 55 563 | 501 723 | 497 983 | |
| Q4 | 649 370 | 9 754 | 639 616 | 59 909 | 579 707 | 558 005 | 55 526 | 502 479 | 498 780 | |
| Percentage change, latest year on previous year | | | | | | | | | | |
| | KH74 | | IHYM | | KGL6 | IHYP | | KGM7 | KLH8 | |
| 2020 | -7.8 | | -5.8 | | -4.8 | -11.0 | | -10.6 | -10.6 | |
| 2021 | 10.7 | | 7.6 | | 6.8 | 7.6 | | 7.9 | 8.1 | |
| 2022 | 9.8 | | 9.7 | | 9.7 | 4.1 | | 4.1 | 4.1 | |
| Percentage change, latest quarter on previous quarter | | | | | | | | | | |
| | KH75 | | IHYN | | KGL8 | IHYQ | | KGM9 | | |
| 2020 Q3 | 14.6 | | 12.3 | | 11.6 | 16.6 | | 16.8 | 17.1 | |
| Q4 | 0.2 | | 1.0 | | 0.3 | 1.2 | | 1.4 | 1.4 | |
| 2021 Q1 | 1.9 | | -0.3 | | 0.1 | -1.1 | | -1.0 | -1.0 | |
| Q2 | 5.0 | | 4.5 | | 3.9 | 6.5 | | 6.6 | 6.8 | |
| Q3 | 2.8 | | 2.7 | | 2.3 | 1.7 | | 1.7 | 1.5 | |
| Q4 | 3.8 | | 2.7 | | 2.4 | 1.5 | | 1.5 | 1.6 | |
| 2022 Q1 | -0.4 | | 2.3 | | 2.3 | 0.5 | | 0.5 | 0.5 | |
| Q2 | 4.7 | | 2.0 | | 2.0 | 0.1 | | - | - | |
| Q3 | 0.4 | | 1.4 | | 1.3 | -0.1 | | -0.1 | -0.1 | |
| Q4 | 3.1 | | 2.0 | | 3.8 | 0.1 | | 0.2 | 0.2 | |
| Percentage change, latest quarter on corresponding quarter of previous year | | | | | | | | | | |
| | KH76 | | IHYO | | KGM2 | IHYR | | KGN3 | KLH9 | |
| 2020 Q3 | -6.3 | | -5.2 | | -3.9 | -10.3 | | -9.9 | -10.0 | |
| Q4 | -6.9 | | -4.9 | | -4.6 | -9.2 | | -8.6 | -8.7 | |
| 2021 Q1 | -2.5 | | -3.9 | | -3.5 | -7.7 | | -7.4 | -7.4 | |
| Q2 | 22.9 | | 18.2 | | 16.4 | 24.4 | | 24.9 | 25.6 | |
| Q3 | 10.2 | | 8.1 | | 6.7 | 8.5 | | 8.8 | 9.0 | |
| Q4 | 14.2 | | 9.8 | | 9.0 | 8.9 | | 8.9 | 9.1 | |
| 2022 Q1 | 11.5 | | 12.7 | | 11.4 | 10.6 | | 10.6 | 10.7 | |
| Q2 | 11.3 | | 10.0 | | 9.4 | 3.8 | | 3.8 | 3.6 | |
| Q3 | 8.7 | | 8.6 | | 8.3 | 2.0 | | 1.9 | 2.0 | |
| Q4 | 7.9 | | 7.9 | | 9.7 | 0.6 | | 0.5 | 0.6 | |

1 Estimates are given to the nearest £ million but cannot be regarded as accurate to this degree.

2 Includes employment, entrepreneurial and property income.

3 Taxes on products less subsidies.

4 Calculated by using gross value added at basic prices minus extraction of crude petroleum and natural gas.

B1 Gross value added at chained volume measures basic prices, by category of output^{1,2}

2019 = 100

| | Production | | | | | | Service industries | | | | | | Gross value added ⁴ | Gross value added excluding oil & gas |
|--|-------------------------------------|--|----------------|----------------------------|------------------------|-------|--------------------|--------------------------------------|---------------------------------------|-------------------------------|-------------------------------|-------|--------------------------------|---------------------------------------|
| | Agri-culture, forestry, and fishing | Mining & quarrying inc oil & gas extract | Manu-facturing | Electric, gas, steam & air | Water supply, sewerage | Total | Constru-ction | Distri-bution, hotels & restaura-nts | Transport storage and commu-nications | Business services and finance | Government and other services | Total | | |
| 2019 Weights³ | 7 | 11 | 97 | 15 | 12 | 135 | 62 | 134 | 103 | 338 | 220 | 796 | 1000 | 991 |
| | L2KL | L2KR | L2KX | L2MW | L2N2 | L2KQ | L2N8 | L2PZ | KI8M | KI8O | KI8Q | L2NC | CGCE | KLH7 |
| 2020 | 96.5 | 96.8 | 100.1 | 109.1 | 104.8 | 101.3 | 86.5 | 76.7 | 87.5 | 96.8 | 80.2 | 87.6 | 89.4 | 89.4 |
| 2021 | 102.1 | 85.5 | 109.8 | 114.6 | 112.9 | 108.6 | 97.8 | 83.4 | 94.0 | 101.5 | 88.4 | 93.7 | 96.5 | 96.6 |
| 2022 | 105.7 | 87.2 | 105.7 | 110.5 | 115.2 | 105.6 | 104.0 | 87.8 | 103.3 | 104.5 | 94.9 | 98.9 | 100.4 | 100.6 |
| Seasonally adjusted | | | | | | | | | | | | | | |
| 2020 Q3 | 95.9 | 96.4 | 104.2 | 113.7 | 106.1 | 104.8 | 89.9 | 83.7 | 87.8 | 95.7 | 79.1 | 88.1 | 90.5 | 90.4 |
| Q4 | 96.4 | 94.6 | 110.3 | 111.7 | 108.5 | 109.0 | 94.5 | 76.0 | 89.8 | 97.7 | 81.6 | 88.6 | 91.8 | 91.7 |
| 2021 Q1 | 98.5 | 90.0 | 109.5 | 117.5 | 111.4 | 109.0 | 95.5 | 70.1 | 89.7 | 99.7 | 77.1 | 87.1 | 90.8 | 90.8 |
| Q2 | 100.7 | 73.1 | 111.0 | 122.7 | 112.0 | 109.3 | 99.2 | 85.5 | 93.0 | 100.9 | 88.5 | 93.8 | 96.8 | 97.0 |
| Q3 | 104.4 | 90.9 | 110.0 | 111.1 | 113.0 | 108.8 | 97.6 | 89.7 | 94.9 | 101.8 | 92.0 | 96.0 | 98.4 | 98.5 |
| Q4 | 104.7 | 87.8 | 108.6 | 107.2 | 115.2 | 107.4 | 99.0 | 88.0 | 98.3 | 103.5 | 96.0 | 98.0 | 99.9 | 100.1 |
| 2022 Q1 | 105.3 | 90.3 | 107.4 | 111.6 | 116.0 | 107.3 | 101.9 | 87.8 | 102.4 | 103.8 | 95.1 | 98.5 | 100.4 | 100.5 |
| Q2 | 106.0 | 87.5 | 106.3 | 112.0 | 116.3 | 106.3 | 103.8 | 88.2 | 103.0 | 104.7 | 94.6 | 98.9 | 100.4 | 100.6 |
| Q3 | 105.9 | 86.6 | 104.3 | 110.4 | 113.8 | 104.4 | 104.4 | 87.5 | 104.1 | 104.7 | 95.1 | 99.1 | 100.3 | 100.5 |
| Q4 | 105.4 | 84.5 | 104.8 | 108.0 | 114.6 | 104.5 | 105.7 | 87.7 | 103.9 | 105.0 | 94.8 | 99.1 | 100.5 | 100.7 |
| Percentage change, latest year on previous year | | | | | | | | | | | | | | |
| | L3BB | L3BH | L3BN | L3DM | L3DQ | L3BG | L3DW | L3GP | KI8L | KI8N | KI8P | L3E2 | KGM7 | KLH8 |
| 2020 | -3.5 | -3.2 | 0.1 | 9.1 | 4.8 | 1.2 | -13.5 | -23.3 | -12.5 | -3.2 | -19.8 | -12.4 | -10.6 | -10.6 |
| 2021 | 5.8 | -11.7 | 9.7 | 5.1 | 7.8 | 7.3 | 13.1 | 8.7 | 7.4 | 4.8 | 10.3 | 7.0 | 7.9 | 8.1 |
| 2022 | 3.5 | 2.1 | -3.7 | -3.6 | 2.0 | -2.8 | 6.2 | 5.3 | 10.0 | 3.0 | 7.4 | 5.5 | 4.1 | 4.1 |
| Percentage change, latest quarter on previous quarter | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | KGM9 | |
| 2020 Q3 | 5.2 | -2.9 | 24.3 | 9.8 | 6.1 | 18.1 | 41.9 | 47.4 | 14.3 | 3.3 | 24.4 | 15.0 | 16.8 | 17.1 |
| Q4 | 0.5 | -1.8 | 5.9 | -1.8 | 2.3 | 4.1 | 5.1 | -9.2 | 2.3 | 2.0 | 3.2 | 0.6 | 1.4 | 1.4 |
| 2021 Q1 | 2.1 | -4.9 | -0.7 | 5.2 | 2.7 | - | 1.1 | -7.8 | -0.1 | 2.1 | -5.5 | -1.7 | -1.0 | -1.0 |
| Q2 | 2.3 | -18.8 | 1.3 | 4.4 | 0.5 | 0.3 | 3.8 | 22.0 | 3.7 | 1.2 | 14.8 | 7.7 | 6.6 | 6.8 |
| Q3 | 3.7 | 24.4 | -0.9 | -9.5 | 0.9 | -0.4 | -1.6 | 4.9 | 2.0 | 0.9 | 3.9 | 2.4 | 1.7 | 1.5 |
| Q4 | 0.2 | -3.4 | -1.3 | -3.5 | 2.0 | -1.4 | 1.4 | -1.8 | 3.6 | 1.7 | 4.4 | 2.1 | 1.5 | 1.6 |
| 2022 Q1 | 0.6 | 2.8 | -1.1 | 4.1 | 0.7 | -0.1 | 2.9 | -0.3 | 4.1 | 0.3 | -0.9 | 0.5 | 0.5 | 0.5 |
| Q2 | 0.6 | -3.0 | -1.0 | 0.3 | 0.2 | -0.9 | 1.9 | 0.5 | 0.6 | 0.9 | -0.6 | 0.4 | - | - |
| Q3 | -0.1 | -1.1 | -1.9 | -1.5 | -2.1 | -1.8 | 0.6 | -0.9 | 1.1 | - | 0.6 | 0.2 | -0.1 | -0.1 |
| Q4 | -0.5 | -2.4 | 0.5 | -2.1 | 0.7 | - | 1.3 | 0.3 | -0.2 | 0.3 | -0.4 | 0.1 | 0.2 | 0.2 |
| Percentage change, latest quarter on corresponding quarter of previous year | | | | | | | | | | | | | | |
| | L3ZZ | L427 | L42D | L44C | L44G | L426 | L44M | L47F | KII2 | KIH9 | KIH8 | L44Q | KGN3 | KLH9 |
| 2020 Q3 | -5.8 | -2.0 | 4.2 | 12.1 | 5.8 | 4.7 | -10.4 | -16.4 | -12.6 | -4.8 | -21.3 | -12.4 | -9.9 | -10.0 |
| Q4 | -6.8 | 0.4 | 9.0 | 1.0 | 8.3 | 7.3 | -5.2 | -22.4 | -9.4 | -3.2 | -19.3 | -11.7 | -8.6 | -8.7 |
| 2021 Q1 | -4.1 | -7.0 | 7.1 | 9.4 | 6.9 | 6.3 | -2.6 | -22.1 | -6.1 | -1.4 | -20.0 | -10.4 | -7.4 | -7.4 |
| Q2 | 10.5 | -26.4 | 32.4 | 18.5 | 11.9 | 23.3 | 56.5 | 50.5 | 21.1 | 8.9 | 39.4 | 22.5 | 24.9 | 25.6 |
| Q3 | 8.9 | -5.7 | 5.6 | -2.3 | 6.4 | 3.9 | 8.5 | 7.1 | 8.1 | 6.3 | 16.3 | 9.1 | 8.8 | 9.0 |
| Q4 | 8.6 | -7.2 | -1.5 | -4.1 | 6.2 | -1.5 | 4.7 | 15.8 | 9.5 | 6.0 | 17.7 | 10.7 | 8.9 | 9.1 |
| 2022 Q1 | 7.0 | 0.3 | -2.0 | -5.0 | 4.1 | -1.6 | 6.6 | 25.2 | 14.1 | 4.1 | 23.3 | 13.1 | 10.6 | 10.7 |
| Q2 | 5.2 | 19.8 | -4.2 | -8.7 | 3.8 | -2.7 | 4.6 | 3.2 | 10.7 | 3.8 | 6.8 | 5.5 | 3.8 | 3.6 |
| Q3 | 1.4 | -4.8 | -5.2 | -0.7 | 0.7 | -4.1 | 6.9 | -2.5 | 9.7 | 2.9 | 3.5 | 3.2 | 1.9 | 2.0 |
| Q4 | 0.6 | -3.8 | -3.5 | 0.8 | -0.5 | -2.7 | 6.8 | -0.4 | 5.7 | 1.5 | -1.2 | 1.1 | 0.5 | 0.6 |

1 Estimates cannot be regarded as accurate to the last digit shown.

2 Components of output are valued at basic prices, which excludes taxes and includes subsidies on products.

3 Weights may not sum to the total due to rounding.

4 This is a balanced index of UK GVA taking into account data from the Income and Expenditure approaches. Thus it will not necessarily be the weighted sum of the industrial indices.

B2 Gross value added at chained volume measures basic prices, by category of output^{1,2}

2019 = 100

| | Service industries | | | | | | | | | | |
|--|----------------------------|--------------------------------------|-------------------------------|------------------------------------|-------------|---|--|-----------|------------------------|-----------------------------|----------------|
| | Wholesale and retail trade | Transport storage and communications | Accommodation & food services | Financial and insurance activities | Real estate | Professional scientific admin & support | Public admin, defence, social security | Education | Health and social work | Other services ⁴ | Total services |
| 2019 Weights³ | 104 | 103 | 30 | 82 | 132 | 124 | 49 | 60 | 77 | 34 | 796 |
| | L2NE | KI8M | L2NQ | L2O6 | L2OC | L2OH | L2P8 | L2PA | L2PC | L2Q5 | L2NC |
| 2020 | 81.6 | 87.5 | 59.9 | 100.3 | 100.0 | 91.1 | 95.2 | 82.5 | 69.1 | 79.5 | 87.6 |
| 2021 | 84.6 | 94.0 | 78.4 | 105.5 | 99.9 | 100.6 | 97.4 | 92.3 | 82.2 | 80.8 | 93.7 |
| 2022 | 82.4 | 103.3 | 106.2 | 105.1 | 99.6 | 109.8 | 101.2 | 98.6 | 89.7 | 90.4 | 98.9 |
| Seasonally adjusted | | | | | | | | | | | |
| 2020 Q3 | 85.2 | 87.8 | 78.6 | 99.8 | 99.7 | 88.8 | 93.8 | 89.5 | 60.5 | 81.2 | 88.1 |
| Q4 | 82.2 | 89.8 | 54.8 | 101.5 | 100.0 | 92.8 | 93.2 | 95.7 | 63.4 | 81.0 | 88.6 |
| 2021 Q1 | 78.7 | 89.7 | 40.3 | 105.1 | 100.6 | 95.3 | 94.2 | 77.2 | 67.0 | 73.3 | 87.1 |
| Q2 | 87.9 | 93.0 | 77.0 | 105.4 | 100.1 | 99.0 | 97.4 | 96.9 | 79.2 | 80.0 | 93.8 |
| Q3 | 86.5 | 94.9 | 99.9 | 104.8 | 99.5 | 102.2 | 98.7 | 97.7 | 86.8 | 81.9 | 96.0 |
| Q4 | 85.4 | 98.3 | 96.5 | 106.5 | 99.5 | 105.9 | 99.4 | 97.2 | 95.6 | 88.0 | 98.0 |
| 2022 Q1 | 83.3 | 102.4 | 102.7 | 105.1 | 99.4 | 108.0 | 100.4 | 97.4 | 91.9 | 90.4 | 98.5 |
| Q2 | 82.4 | 103.0 | 108.4 | 105.4 | 99.7 | 109.8 | 100.6 | 98.4 | 88.6 | 91.4 | 98.9 |
| Q3 | 81.7 | 104.1 | 106.8 | 105.3 | 99.7 | 109.9 | 101.7 | 100.0 | 89.0 | 90.2 | 99.1 |
| Q4 | 82.1 | 103.9 | 106.7 | 104.4 | 99.6 | 111.4 | 102.0 | 98.4 | 89.4 | 89.7 | 99.1 |
| Percentage change, latest year on previous year | | | | | | | | | | | |
| | L3E4 | KI8L | L3EG | L3EU | L3F2 | L3F7 | L3FW | L3FY | L3G2 | L3GT | L3E2 |
| 2020 | -18.4 | -12.5 | -40.1 | 0.3 | - | -8.9 | -4.9 | -17.5 | -30.9 | -20.5 | -12.4 |
| 2021 | 3.7 | 7.4 | 30.9 | 5.2 | -0.1 | 10.5 | 2.4 | 11.9 | 19.0 | 1.6 | 7.0 |
| 2022 | -2.6 | 10.0 | 35.3 | -0.4 | -0.4 | 9.1 | 3.8 | 6.8 | 9.2 | 11.9 | 5.5 |
| Percentage change, latest quarter on previous quarter | | | | | | | | | | | |
| 2020 Q3 | 23.5 | 14.3 | 412.9 | 1.1 | -0.1 | 9.6 | -2.8 | 61.8 | 18.8 | 36.3 | 15.0 |
| Q4 | -3.5 | 2.3 | -30.3 | 1.6 | 0.3 | 4.5 | -0.7 | 7.0 | 4.8 | -0.3 | 0.6 |
| 2021 Q1 | -4.3 | -0.1 | -26.3 | 3.6 | 0.7 | 2.7 | 1.1 | -19.4 | 5.8 | -9.5 | -1.7 |
| Q2 | 11.8 | 3.7 | 90.9 | 0.2 | -0.5 | 3.8 | 3.4 | 25.5 | 18.3 | 9.1 | 7.7 |
| Q3 | -1.6 | 2.0 | 29.8 | -0.6 | -0.5 | 3.3 | 1.4 | 0.8 | 9.5 | 2.4 | 2.4 |
| Q4 | -1.3 | 3.6 | -3.5 | 1.6 | -0.1 | 3.6 | 0.7 | -0.5 | 10.2 | 7.4 | 2.1 |
| 2022 Q1 | -2.4 | 4.1 | 6.5 | -1.3 | -0.1 | 1.9 | 0.9 | 0.2 | -3.9 | 2.7 | 0.5 |
| Q2 | -1.1 | 0.6 | 5.5 | 0.3 | 0.3 | 1.7 | 0.2 | 1.0 | -3.6 | 1.1 | 0.4 |
| Q3 | -0.9 | 1.1 | -1.4 | -0.1 | - | 0.1 | 1.1 | 1.6 | 0.5 | -1.3 | 0.2 |
| Q4 | 0.5 | -0.2 | -0.1 | -0.8 | -0.1 | 1.3 | 0.3 | -1.5 | 0.4 | -0.6 | 0.1 |
| Percentage change, latest quarter on corresponding quarter of the previous year | | | | | | | | | | | |
| | L44S | KI12 | L456 | L45K | L45Q | L45V | L46M | L46O | L46Q | L47J | L44Q |
| 2020 Q3 | -15.1 | -12.6 | -21.0 | -1.4 | -0.3 | -11.9 | -6.5 | -10.9 | -40.0 | -19.1 | -12.4 |
| Q4 | -15.9 | -9.4 | -44.4 | 0.2 | 0.4 | -9.1 | -6.5 | -5.0 | -37.6 | -21.3 | -11.7 |
| 2021 Q1 | -12.4 | -6.1 | -55.7 | 4.2 | - | -6.1 | -3.1 | -13.6 | -34.0 | -23.9 | -10.4 |
| Q2 | 27.4 | 21.1 | 402.6 | 6.7 | 0.2 | 22.1 | 1.0 | 75.2 | 55.7 | 34.2 | 22.5 |
| Q3 | 1.5 | 8.1 | 27.1 | 4.9 | -0.1 | 15.1 | 5.3 | 9.2 | 43.5 | 0.9 | 9.1 |
| Q4 | 3.8 | 9.5 | 76.1 | 4.9 | -0.5 | 14.1 | 6.7 | 1.5 | 50.9 | 8.6 | 10.7 |
| 2022 Q1 | 5.9 | 14.1 | 154.6 | -0.1 | -1.2 | 13.2 | 6.6 | 26.2 | 37.1 | 23.3 | 13.1 |
| Q2 | -6.3 | 10.7 | 40.7 | -0.1 | -0.4 | 10.9 | 3.3 | 1.6 | 11.7 | 14.3 | 5.5 |
| Q3 | -5.6 | 9.7 | 6.9 | 0.5 | 0.1 | 7.5 | 3.0 | 2.3 | 2.6 | 10.1 | 3.2 |
| Q4 | -3.8 | 5.7 | 10.6 | -1.9 | 0.1 | 5.1 | 2.6 | 1.2 | -6.5 | 1.9 | 1.1 |

1 Estimates cannot be regarded as accurate to the last digit shown.

2 Components of output are valued at basic prices, which excludes taxes and includes subsidies on products.

3 Weights may not sum to the total due to rounding.

4 Comprising sections R, S and T of SIC(2007).

C1 Gross domestic product: expenditure at current market prices¹

£ million

| National expenditure on goods and services at market prices | | | | | | | | | | | | | | | |
|--|--|--------------------|-------------------------------|---|--|-------------------------------|---|-------------|-------------|-------------------------|-------------|----------------------------|---------|---------------------------------------|---|
| Final consumption expenditure | | | | | | | Gross capital formation | | | | | | | Statistical discrepancy (expenditure) | Gross domestic product at market prices |
| Households | Non-profit institutions ^{2,7} | General government | Gross fixed capital formation | Of which business investment ³ | Of which changes in inventories ⁴ | Of which alignment adjustment | Acquisitions less disposals of valuables ⁵ | Total | Exports | Gross final expenditure | Imports | Trade balance ⁶ | GIXM | | |
| ABJQ | HAYE | NMRP | NPQS | NPEK | CAEX | DMUN | NPJQ | YBIL | IKBH | ABMF | IKBI | IKBJ | | | |
| 2020 | 1 214 474 | 48 409 | 475 114 | 365 882 | 201 125 | -2 851 | - | 1 006 210 | 102 037 616 | 786 271 823 | 609 229 | 7 557 | - | 2 109 594 | |
| 2021 | 1 326 320 | 49 242 | 508 194 | 393 491 | 204 516 | 13 470 | - | 8 220 229 | 937 654 284 | 2 953 221 682 | 323 | -28 039 | -652 | 2 270 246 | |
| 2022 | 1 514 515 | 52 329 | 524 490 | 452 040 | 236 548 | 35 425 | - | -19 893 255 | 906 815 199 | 3 374 105 901 | 838 | -86 639 | 18 971 | 2 491 238 | |
| Seasonally adjusted | | | | | | | | | | | | | | | |
| 2020 Q3 | 311 132 | 11 788 | 121 224 | 92 277 | 49 516 | -2 672 | 294 | 1 218 | 534 968 146 | 334 | 681 302 147 | 131 | -797 | - | 534 171 |
| Q4 | 306 634 | 11 942 | 123 700 | 95 192 | 50 525 | 9 625 | 3 170 | 7 618 | 554 711 156 | 266 | 710 977 171 | 311 | -15 045 | - | 539 666 |
| 2021 Q1 | 298 621 | 11 664 | 128 685 | 93 412 | 47 968 | 3 910 | 1 299 | 8 496 | 544 788 150 | 916 | 695 704 156 | 818 | -5 902 | -979 | 537 907 |
| Q2 | 331 204 | 12 196 | 125 857 | 97 704 | 50 742 | -2 546 | -2 878 | -712 | 563 703 162 | 117 | 725 820 162 | 396 | -279 | -1 176 | 562 248 |
| Q3 | 345 178 | 12 585 | 126 085 | 101 130 | 53 785 | 5 220 | 1 475 | 3 498 | 593 696 157 | 467 | 751 163 173 | 659 | -16 192 | -148 | 577 356 |
| Q4 | 351 317 | 12 797 | 127 567 | 101 245 | 52 021 | 6 886 | 104 | -3 062 | 596 750 183 | 784 | 780 534 189 | 450 | -5 666 | 1 651 | 592 735 |
| 2022 Q1 | 362 605 | 12 864 | 133 089 | 111 254 | 56 907 | 12 314 | -2 806 | 8 009 | 640 135 176 | 445 | 816 580 213 | 975 | -37 530 | 3 662 | 606 267 |
| Q2 | 376 217 | 12 993 | 127 736 | 111 575 | 59 303 | 14 229 | 2 106 | 2 155 | 644 905 194 | 873 | 839 778 226 | 587 | -31 714 | 5 019 | 618 210 |
| Q3 | 383 081 | 13 176 | 131 531 | 114 078 | 60 013 | 3 105 | -3 002 | -12 320 | 632 650 222 | 150 | 854 800 232 | 748 | -10 598 | 5 093 | 627 145 |
| Q4 | 392 612 | 13 296 | 132 134 | 115 133 | 60 325 | 5 777 | 3 702 | -17 737 | 641 216 221 | 731 | 862 947 228 | 528 | -6 797 | 5 197 | 639 616 |
| Percentage change, latest year on previous year | | | | | | | | | | | | | | | |
| 2020 | KG77 | KGZ8 | KH2C | KG6O | KG6N | | | KGX3 | KH2O | KG7V | KH3H | | | IHYM | |
| 2020 | -12.5 | -7.6 | 11.6 | -9.3 | -10.4 | | | -7.6 | -11.8 | -8.6 | -17.2 | | | -5.8 | |
| 2021 | 9.2 | 1.7 | 7.0 | 7.5 | 1.7 | | | 9.4 | 6.1 | 8.6 | 12.0 | | | 7.6 | |
| 2022 | 14.2 | 6.3 | 3.2 | 14.9 | 15.7 | | | 11.3 | 24.6 | 14.3 | 32.2 | | | 9.7 | |
| Percentage change, latest quarter on previous quarter | | | | | | | | | | | | | | | |
| 2020 Q3 | KG78 | KGZ9 | KH2D | KG6W | KG6V | | | KGX4 | KH2P | KG78 | KH3I | | | IHYN | |
| 2020 Q3 | 19.9 | 2.3 | -0.1 | 15.0 | 10.6 | | | 17.5 | 0.7 | 13.4 | 17.8 | | | 12.3 | |
| Q4 | -1.4 | 1.3 | 2.0 | 3.2 | 2.0 | | | 3.7 | 6.8 | 4.4 | 16.4 | | | 1.0 | |
| 2021 Q1 | -2.6 | -2.3 | 4.0 | -1.9 | -5.1 | | | -1.8 | -3.4 | -2.1 | -8.5 | | | -0.3 | |
| Q2 | 10.9 | 4.6 | -2.2 | 4.6 | 5.8 | | | 3.5 | 7.4 | 4.3 | 3.6 | | | 4.5 | |
| Q3 | 4.2 | 3.2 | 0.2 | 3.5 | 6.0 | | | 5.3 | -2.9 | 3.5 | 6.9 | | | 2.7 | |
| Q4 | 1.8 | 1.7 | 1.2 | 0.1 | -3.3 | | | 0.5 | 16.7 | 3.9 | 9.1 | | | 2.7 | |
| 2022 Q1 | 3.2 | 0.5 | 4.3 | 9.9 | 9.4 | | | 7.3 | -4.0 | 4.6 | 12.9 | | | 2.3 | |
| Q2 | 3.8 | 1.0 | -4.0 | 0.3 | 4.2 | | | 0.7 | 10.4 | 2.8 | 5.9 | | | 2.0 | |
| Q3 | 1.8 | 1.4 | 3.0 | 2.2 | 1.2 | | | -1.9 | 14.0 | 1.8 | 2.7 | | | 1.4 | |
| Q4 | 2.5 | 0.9 | 0.5 | 0.9 | 0.5 | | | 1.4 | -0.2 | 1.0 | -1.8 | | | 2.0 | |
| Percentage change, latest quarter on corresponding quarter of previous year | | | | | | | | | | | | | | | |
| 2020 Q3 | KG79 | KH22 | KH2E | KG76 | KG75 | | | KGX5 | KH2Q | KG79 | KH3J | | | IHYO | |
| 2020 Q3 | -10.6 | -11.1 | 12.7 | -9.5 | -12.4 | | | -6.0 | -18.2 | -8.9 | -20.4 | | | -5.2 | |
| Q4 | -12.0 | -7.1 | 13.1 | -6.3 | -11.7 | | | -0.7 | -15.3 | -4.3 | -2.3 | | | -4.9 | |
| 2021 Q1 | -11.4 | -11.3 | 18.2 | -4.8 | -14.8 | | | -2.2 | -10.6 | -4.1 | -5.4 | | | -3.9 | |
| Q2 | 27.6 | 5.8 | 3.8 | 21.7 | 13.4 | | | 23.8 | 11.6 | 20.8 | 30.0 | | | 18.2 | |
| Q3 | 10.9 | 6.8 | 4.0 | 9.6 | 8.6 | | | 11.0 | 7.6 | 10.3 | 18.0 | | | 8.1 | |
| Q4 | 14.6 | 7.2 | 3.1 | 6.4 | 3.0 | | | 7.6 | 17.6 | 9.8 | 10.6 | | | 9.8 | |
| 2022 Q1 | 21.4 | 10.3 | 3.4 | 19.1 | 18.6 | | | 17.5 | 16.9 | 17.4 | 36.4 | | | 12.7 | |
| Q2 | 13.6 | 6.5 | 1.5 | 14.2 | 16.9 | | | 14.4 | 20.2 | 15.7 | 39.5 | | | 10.0 | |
| Q3 | 11.0 | 4.7 | 4.3 | 12.8 | 11.6 | | | 6.6 | 41.1 | 13.8 | 34.0 | | | 8.6 | |
| Q4 | 11.8 | 3.9 | 3.6 | 13.7 | 16.0 | | | 7.5 | 20.6 | 10.6 | 20.6 | | | 7.9 | |

1 Estimates are given to the nearest £ million but cannot be regarded as accurate to this degree.

2 Non-profit institutions serving households.

3 A further breakdown of business investment can be found in the 'Business investment in the UK' bulletin.

4 Quarterly alignment adjustment included in this series.

5 Acquisitions less disposals of valuables can be a volatile series due to the inclusion of non-monetary gold, but any volatility is likely to be GDP neutral as this is offset in UK trade figures.

6 Trade balance is calculated by using exports of goods and services minus imports of goods and services.

7 There is a small difference between the gross operating surplus of the Non-profit Institutions Serving households (NPISH) sector in the Table 6.3.3 of the UK Economic Accounts dataset, compared with the consumption of fixed capital for the NPISH sector published in the GDP release. This difference has been addressed from 2021 Q1. Remaining differences will be corrected when revisions policy allows. The latest figures can be found in the UK Economic Accounts dataset.

C2 Gross domestic product by category of expenditure: chained volume measures¹

Reference year 2019, £ million

| National expenditure on goods and services at market prices | | | | | | | | | | | | | | | |
|--|--|--------------------|-------------------------------|---|--|--------------------------------|---|---------|---------------|-------------------------|--------------|----------------------------|---------|---------------------------------------|---|
| Final consumption expenditure | | | | | | | Gross capital formation | | | | | | | Statistical discrepancy (expenditure) | Gross domestic product at market prices |
| Households | Non-profit institutions ^{2,7} | General government | Gross fixed capital formation | Of which business investment ³ | Of which changes in inventories ⁴ | Of which alignment adjustments | Acquisitions less disposals of valuables ⁵ | Total | Total exports | Gross final expenditure | less imports | Total balance ⁶ | GIXS | | |
| ABJR | HAYO | NMRY | NPQT | NPEL | CAFU | DMUM | NPJR | YBIM | IKBK | ABMG | IKBL | IKBM | GIXS | ABMI | |
| 2020 | 1 208 053 | 42 310 | 394 460 | 361 002 | 198 413 | -11 385 | - | -398 1 | 994 042 | 615 109 | 2 609 151 | 617 712 | -2 603 | - | 1 991 439 |
| 2021 | 1 283 950 | 44 531 | 443 907 | 382 995 | 200 237 | 8 948 | - | 6 092 | 2 170 423 | 628 918 | 2 799 341 | 655 966 | -27 048 | -637 | 2 142 738 |
| 2022 | 1 351 727 | 50 800 | 452 006 | 415 842 | 221 935 | 14 416 | - | -19 094 | 2 265 697 | 691 127 | 2 956 824 | 743 156 | -52 029 | 16 957 | 2 230 625 |
| Seasonally adjusted | | | | | | | | | | | | | | | |
| 2020 Q3 | 308 681 | 10 477 | 100 663 | 91 209 | 48 806 | -4 848 | 249 | 1 208 | 507 389 | 146 053 | 653 442 | 149 933 | -3 880 | - | 503 509 |
| Q4 | 304 080 | 10 776 | 104 530 | 94 156 | 50 167 | 7 290 | 2 970 | 6 312 | 527 144 | 154 879 | 682 023 | 172 402 | -17 523 | - | 509 621 |
| 2021 Q1 | 293 745 | 9 805 | 104 377 | 92 604 | 47 578 | 4 634 | 1 217 | 6 854 | 512 019 | 148 365 | 660 384 | 155 211 | -6 846 | -918 | 504 255 |
| Q2 | 323 597 | 11 374 | 112 392 | 96 351 | 50 602 | -2 522 | -2 739 | -777 | 540 415 | 157 840 | 698 255 | 159 956 | -2 116 | -1 124 | 537 175 |
| Q3 | 332 958 | 11 639 | 112 854 | 97 221 | 51 731 | 4 438 | 1 411 | 2 862 | 561 972 | 151 638 | 713 610 | 166 983 | -15 345 | -140 | 546 487 |
| Q4 | 333 650 | 11 713 | 114 284 | 96 819 | 50 326 | 2 398 | 111 | -2 847 | 556 017 | 171 075 | 727 092 | 173 816 | -2 741 | 1 545 | 554 821 |
| 2022 Q1 | 337 725 | 12 381 | 113 882 | 105 123 | 54 461 | 8 822 | -2 554 | 5 704 | 583 637 | 158 596 | 742 233 | 188 077 | -29 481 | 3 368 | 557 524 |
| Q2 | 338 452 | 12 685 | 111 950 | 102 732 | 55 833 | 7 979 | 1 932 | 1 831 | 575 629 | 166 709 | 742 338 | 189 057 | -22 348 | 4 529 | 557 810 |
| Q3 | 337 395 | 12 831 | 112 791 | 103 858 | 55 869 | -3 923 | -2 635 | -11 177 | 551 775 | 184 178 | 735 953 | 183 193 | 985 | 4 526 | 557 286 |
| Q4 | 338 155 | 12 903 | 113 383 | 104 129 | 55 772 | 1 538 | 3 257 | -15 452 | 554 656 | 181 644 | 736 300 | 182 829 | -1 185 | 4 534 | 558 005 |
| Percentage change, latest year on previous year | | | | | | | | | | | | | | | |
| 2020 | KGZ5 | KH26 | KH2I | KG7N | KG7M | | | KGX9 | KH2U | KGW5 | KH3N | | | IHYP | |
| | -12.9 | -19.2 | -7.3 | -10.5 | -11.9 | | | -12.3 | -12.1 | -12.3 | -16.0 | | | -11.0 | |
| 2021 | 6.3 | 5.2 | 12.5 | 6.1 | 0.9 | | | 8.8 | 2.2 | 7.3 | 6.2 | | | 7.6 | |
| 2022 | 5.3 | 14.1 | 1.8 | 8.6 | 10.8 | | | 4.4 | 9.9 | 5.6 | 13.3 | | | 4.1 | |
| Percentage change, latest quarter on previous quarter | | | | | | | | | | | | | | | |
| 2020 Q3 | KGZ6 | KH27 | KH2J | KG7Q | KG7P | | | KGY2 | KH2V | KGW6 | KH3O | | | IHYQ | |
| | 19.1 | 18.3 | 18.2 | 15.7 | 11.0 | | | 22.9 | -0.3 | 16.8 | 17.4 | | | 16.6 | |
| Q4 | -1.5 | 2.9 | 3.8 | 3.2 | 2.8 | | | 3.9 | 6.0 | 4.4 | 15.0 | | | 1.2 | |
| 2021 Q1 | -3.4 | -9.0 | -0.1 | -1.6 | -5.2 | | | -2.9 | -4.2 | -3.2 | -10.0 | | | -1.1 | |
| Q2 | 10.2 | 16.0 | 7.7 | 4.0 | 6.4 | | | 5.5 | 6.4 | 5.7 | 3.1 | | | 6.5 | |
| Q3 | 2.9 | 2.3 | 0.4 | 0.9 | 2.2 | | | 4.0 | -3.9 | 2.2 | 4.4 | | | 1.7 | |
| Q4 | 0.2 | 0.6 | 1.3 | -0.4 | -2.7 | | | -1.1 | 12.8 | 1.9 | 4.1 | | | 1.5 | |
| 2022 Q1 | 1.2 | 5.7 | -0.4 | 8.6 | 8.2 | | | 5.0 | -7.3 | 2.1 | 8.2 | | | 0.5 | |
| Q2 | 0.2 | 2.5 | -1.7 | -2.3 | 2.5 | | | -1.4 | 5.1 | - | 0.5 | | | 0.1 | |
| Q3 | -0.3 | 1.2 | 0.8 | 1.1 | 0.1 | | | -4.1 | 10.5 | -0.9 | -3.1 | | | -0.1 | |
| Q4 | 0.2 | 0.6 | 0.5 | 0.3 | -0.2 | | | 0.5 | -1.4 | - | -0.2 | | | 0.1 | |
| Percentage change, latest quarter on corresponding quarter of previous year | | | | | | | | | | | | | | | |
| 2020 Q3 | KGZ7 | KH28 | KH2K | KG7T | KG7S | | | KGY3 | KH2W | KGW7 | KH3P | | | IHYR | |
| | -11.1 | -20.6 | -5.5 | -10.3 | -13.7 | | | -10.3 | -17.6 | -12.1 | -17.5 | | | -10.3 | |
| Q4 | -12.2 | -14.5 | -3.0 | -6.5 | -12.0 | | | -4.8 | -16.0 | -7.6 | -2.5 | | | -9.2 | |
| 2021 Q1 | -12.6 | -19.6 | 0.3 | -4.4 | -14.2 | | | -6.3 | -11.5 | -7.5 | -7.4 | | | -7.7 | |
| Q2 | 24.9 | 28.4 | 31.9 | 22.3 | 15.1 | | | 30.9 | 7.7 | 24.8 | 25.3 | | | 24.4 | |
| Q3 | 7.9 | 11.1 | 12.1 | 6.6 | 6.0 | | | 10.8 | 3.8 | 9.2 | 11.4 | | | 8.5 | |
| Q4 | 9.7 | 8.7 | 9.3 | 2.8 | 0.3 | | | 5.5 | 10.5 | 6.6 | 0.8 | | | 8.9 | |
| 2022 Q1 | 15.0 | 26.3 | 9.1 | 13.5 | 14.5 | | | 14.0 | 6.9 | 12.4 | 21.2 | | | 10.6 | |
| Q2 | 4.6 | 11.5 | -0.4 | 6.6 | 10.3 | | | 6.5 | 5.6 | 6.3 | 18.2 | | | 3.8 | |
| Q3 | 1.3 | 10.2 | -0.1 | 6.8 | 8.0 | | | -1.8 | 21.5 | 3.1 | 9.7 | | | 2.0 | |
| Q4 | 1.4 | 10.2 | -0.8 | 7.6 | 10.8 | | | -0.2 | 6.2 | 1.3 | 5.2 | | | 0.6 | |

1 Estimates are given to the nearest £ million but cannot be regarded as accurate to this degree.

2 Non-profit institutions serving households.

3 A further breakdown of business investment can be found in the 'Business investment in the UK' bulletin.

4 Quarterly alignment adjustment included in this series.

5 Acquisitions less disposals of valuables can be a volatile series due to the inclusion of non-monetary gold, but any volatility is likely to be GDP neutral as this is offset in UK trade figures

6 Trade balance is calculated by using exports of goods and services minus imports of goods and services.

7 There is a small difference between the gross operating surplus of the Non-profit Institutions Serving households (NPISH) sector in the Table 6.3.3 of the UK Economic Accounts dataset, compared with the consumption of fixed capital for the NPISH sector published in the GDP release. This difference has been addressed from 2021 Q1. Remaining differences will be corrected when revisions policy allows. The latest figures can be found in the UK Economic Accounts dataset.

D Gross domestic product by category of income: current prices¹

£ million

| | Compen- sation of employees | | Gross operating surplus of corporations | | | | | | | Taxes on production less subsidies | | | | Statisti- cal discrepa- ncy (income) | Gross domestic product at market prices | |
|--|-----------------------------------|---|---|---|--------------------------------|-----------------------------|------------------------------|--|---------|---------------------------------------|---------|---------|---------|---|---|---------|
| | Wages and Salaries | Employers social contri- butions | Private non-fina- ncial corporat- ions ² | Of which align- ment adjustme- nt | Financial corporat- ions | Public corporat- ions | Other income ⁴ | Gross value added at factor cost | | | Total | | | | | |
| | | | | | | | | | Taxes | Subsidies | | Total | | | | |
| | DTWL | DTWP | DTWM | CAER | DMUQ | NHCZ | CAEQ | CGBZ | CGBX | CGCB | NTAB | AAXW | CMVL | GIXQ | YBHA | |
| 2020 | 898 500 | 196 312 | 1 094 812 | 387 857 | - | 83 329 | 11 746 | 482 932 | 399 638 | 1 977 382 | 253 140 | 120 928 | 132 212 | - | 2 109 594 | |
| 2021 | 956 936 | 203 547 | 1 160 483 | 399 224 | - | 85 445 | 12 444 | 497 113 | 411 770 | 2 069 366 | 282 370 | 73 130 | 209 240 | -8 360 | 2 270 246 | |
| 2022 | 1 027 642 | 219 906 | 1 247 548 | 430 506 | - | 95 373 | 13 159 | 539 038 | 446 471 | 2 233 057 | 321 184 | 38 473 | 282 711 | -24 530 | 2 491 238 | |
| Seasonally adjusted | | | | | | | | | | | | | | | | |
| 2020 | Q3 | 223 430 | 49 652 | 273 082 | 104 290 | 2 011 | 19 749 | 2 988 | 127 027 | 99 701 | 499 810 | 62 536 | 28 175 | 34 361 | - | 534 171 |
| | Q4 | 229 389 | 50 693 | 280 082 | 95 705 | -1 373 | 20 165 | 3 247 | 119 117 | 100 496 | 499 695 | 66 322 | 26 351 | 39 971 | - | 539 666 |
| 2021 | Q1 | 230 398 | 49 750 | 280 148 | 96 153 | -1 793 | 20 959 | 2 969 | 120 081 | 101 864 | 502 093 | 64 168 | 28 551 | 35 617 | 197 | 537 907 |
| | Q2 | 237 442 | 50 433 | 287 875 | 101 430 | 2 041 | 22 026 | 3 246 | 126 702 | 102 324 | 516 901 | 69 337 | 22 535 | 46 802 | -1 455 | 562 248 |
| | Q3 | 242 232 | 51 492 | 293 724 | 100 248 | 615 | 21 080 | 3 008 | 124 336 | 102 973 | 521 033 | 72 892 | 13 950 | 58 942 | -2 619 | 577 356 |
| | Q4 | 246 864 | 51 872 | 298 736 | 101 393 | -863 | 21 380 | 3 221 | 125 994 | 104 609 | 529 339 | 75 973 | 8 094 | 67 879 | -4 483 | 592 735 |
| 2022 | Q1 | 251 598 | 53 369 | 304 967 | 103 017 | -2 826 | 23 168 | 3 182 | 129 367 | 107 997 | 542 331 | 78 315 | 8 231 | 70 084 | -6 148 | 606 267 |
| | Q2 | 254 125 | 55 175 | 309 300 | 106 666 | -591 | 23 190 | 3 159 | 133 015 | 109 453 | 551 768 | 79 048 | 6 579 | 72 469 | -6 027 | 618 210 |
| | Q3 | 258 533 | 55 625 | 314 158 | 104 943 | -3 143 | 24 343 | 3 383 | 132 669 | 112 306 | 559 133 | 81 035 | 6 907 | 74 128 | -6 116 | 627 145 |
| | Q4 | 263 386 | 55 737 | 319 123 | 115 880 | 6 560 | 24 672 | 3 435 | 143 987 | 116 715 | 579 825 | 82 786 | 16 756 | 66 030 | -6 239 | 639 616 |
| Percentage change, latest year on previous year | | | | | | | | | | | | | | | | |
| | CWNH | CWNE | KGI3 | KH59 | | KH5L | KH53 | KH4V | KH6T | KH6N | JJDC | JJDU | KH65 | | IHYM | |
| 2020 | -0.1 | 2.9 | 0.4 | -0.7 | | 3.0 | -1.0 | -0.1 | - | 0.2 | -12.4 | 406.3 | -50.1 | | -5.8 | |
| 2021 | 6.5 | 3.7 | 6.0 | 2.9 | | 2.5 | 5.9 | 2.9 | 3.0 | 4.7 | 11.5 | -39.5 | 58.3 | | 7.6 | |
| 2022 | 7.4 | 8.0 | 7.5 | 7.8 | | 11.6 | 5.7 | 8.4 | 8.4 | 7.9 | 13.7 | -47.4 | 35.1 | | 9.7 | |
| Percentage change, latest quarter on previous quarter | | | | | | | | | | | | | | | | |
| | CWNI | CWNF | KGI4 | KH5A | | KH5M | KH54 | KH4W | KH6U | KH6O | JJDH | JJZ | KH66 | | IHYN | |
| 2020 | Q3 | 2.0 | 4.9 | 2.5 | 14.0 | -2.3 | 14.4 | 11.1 | 0.4 | 4.1 | 16.9 | -51.2 | -904.0 | | 12.3 | |
| | Q4 | 2.7 | 2.1 | 2.6 | -8.2 | 2.1 | 8.7 | -6.2 | 0.8 | - | 6.1 | -6.5 | 16.3 | | 1.0 | |
| 2021 | Q1 | 0.4 | -1.9 | - | 0.5 | 3.9 | -8.6 | 0.8 | 1.4 | 0.5 | -3.2 | 8.3 | -10.9 | | -0.3 | |
| | Q2 | 3.1 | 1.4 | 2.8 | 5.5 | 5.1 | 9.3 | 5.5 | 0.5 | 2.9 | 8.1 | -21.1 | 31.4 | | 4.5 | |
| | Q3 | 2.0 | 2.1 | 2.0 | -1.2 | -4.3 | -7.3 | -1.9 | 0.6 | 0.8 | 5.1 | -38.1 | 25.9 | | 2.7 | |
| | Q4 | 1.9 | 0.7 | 1.7 | 1.1 | 1.4 | 7.1 | 1.3 | 1.6 | 1.6 | 4.2 | -42.0 | 15.2 | | 2.7 | |
| 2022 | Q1 | 1.9 | 2.9 | 2.1 | 1.6 | 8.4 | -1.2 | 2.7 | 3.2 | 2.5 | 3.1 | 1.7 | 3.2 | | 2.3 | |
| | Q2 | 1.0 | 3.4 | 1.4 | 3.5 | 0.1 | -0.7 | 2.8 | 1.3 | 1.7 | 0.9 | -20.1 | 3.4 | | 2.0 | |
| | Q3 | 1.7 | 0.8 | 1.6 | -1.6 | 5.0 | 7.1 | -0.3 | 2.6 | 1.3 | 2.5 | 5.0 | 2.3 | | 1.4 | |
| | Q4 | 1.9 | 0.2 | 1.6 | 10.4 | 1.4 | 1.5 | 8.5 | 3.9 | 3.7 | 2.2 | 142.6 | -10.9 | | 2.0 | |
| Percentage change, latest quarter on corresponding quarter of previous year | | | | | | | | | | | | | | | | |
| | CWNJ | CWNG | KGI5 | KH5B | | KH5N | KH55 | KH4X | KH6V | KH6P | JJDS | JJG4 | KH67 | | IHYO | |
| 2020 | Q3 | -1.1 | 2.5 | -0.5 | 5.5 | -3.7 | -3.7 | 3.7 | - | 0.7 | -14.3 | 344.1 | -48.4 | | -5.2 | |
| | Q4 | 2.0 | 4.7 | 2.5 | -7.3 | -1.6 | 5.5 | -6.1 | -0.6 | -0.3 | -8.7 | 329.1 | -39.9 | | -4.9 | |
| 2021 | Q1 | 1.7 | 2.3 | 1.8 | -0.2 | -9.7 | 2.4 | -1.9 | 1.7 | 0.9 | -9.4 | 230.6 | -42.7 | | -3.9 | |
| | Q2 | 8.3 | 6.5 | 8.0 | 10.9 | 9.0 | 24.3 | 10.8 | 3.0 | 7.7 | 29.6 | -61.0 | 195.0 | | 18.2 | |
| | Q3 | 8.4 | 3.7 | 7.6 | -3.9 | 6.7 | 0.7 | -2.1 | 3.3 | 4.2 | 16.6 | -50.5 | 71.5 | | 8.1 | |
| | Q4 | 7.6 | 2.3 | 6.7 | 5.9 | 6.0 | -0.8 | 5.8 | 4.1 | 5.9 | 14.6 | -69.3 | 69.8 | | 9.8 | |
| 2022 | Q1 | 9.2 | 7.3 | 8.9 | 7.1 | 10.5 | 7.2 | 7.7 | 6.0 | 8.0 | 22.0 | -71.2 | 96.8 | | 12.7 | |
| | Q2 | 7.0 | 9.4 | 7.4 | 5.2 | 5.3 | -2.7 | 5.0 | 7.0 | 6.7 | 14.0 | -70.8 | 54.8 | | 10.0 | |
| | Q3 | 6.7 | 8.0 | 7.0 | 4.7 | 15.5 | 12.5 | 6.7 | 9.1 | 7.3 | 11.2 | -50.5 | 25.8 | | 8.6 | |
| | Q4 | 6.7 | 7.5 | 6.8 | 14.3 | 15.4 | 6.6 | 14.3 | 11.6 | 9.5 | 9.0 | 107.0 | -2.7 | | 7.9 | |

1 Estimates are given to the nearest £ million but cannot be regarded as accurate to this degree. 2 Quarterly alignment adjustment included in this series. 3 Includes the operating surplus of financial corporations, private non-financial corporations and public corporations. 4 Includes mixed income and the operating surplus of the non-corporate sector.

E1 Household final consumption expenditure by purpose

Current prices

£ million

| UK NATIONAL ² | | | | | | | | | | | | | | | |
|--|-----------|-------------|-----------|--------------|-------------------|---------------------|---------|----------------------------|--------|-----------|---------------|----------------------|-----------|----------------------|---------------|
| UK DOMESTIC ³ | | | | | | | | | | | | | | | |
| COICOP ¹ | Total | Net tourism | Total | Food & drink | Alcohol & tobacco | Clothing & footwear | Housing | Household goods & services | Health | Transport | Communication | Recreation & culture | Education | Restaurants & hotels | Miscellaneous |
| | | | 0 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 |
| | ABJQ | ABTF | ZAKV | ZWUM | ZAKX | ZAKZ | ZAVN | ZAVV | ZAWB | ZAWL | ZAWV | ZAWZ | ZWUS | ZAXR | ZAYF |
| 2020 | 1 214 474 | 6 051 | 1 208 423 | 120 091 | 52 828 | 55 678 | 357 711 | 68 759 | 24 308 | 126 961 | 28 552 | 114 408 | 30 609 | 87 185 | 141 333 |
| 2021 | 1 326 320 | 6 908 | 1 319 412 | 122 642 | 52 437 | 64 732 | 367 526 | 73 441 | 25 494 | 150 366 | 28 335 | 131 075 | 33 223 | 119 901 | 150 240 |
| 2022 | 1 514 515 | 23 593 | 1 490 922 | 126 737 | 51 087 | 73 650 | 393 590 | 76 852 | 27 339 | 193 371 | 28 403 | 144 524 | 35 339 | 166 206 | 173 824 |
| Seasonally adjusted | | | | | | | | | | | | | | | |
| 2020 Q3 | 311 132 | 550 | 310 582 | 29 845 | 13 556 | 14 415 | 89 390 | 18 377 | 5 903 | 34 752 | 7 328 | 28 004 | 7 611 | 25 088 | 36 313 |
| Q4 | 306 634 | 818 | 305 816 | 29 734 | 13 609 | 14 143 | 89 955 | 17 577 | 6 630 | 32 082 | 6 916 | 29 688 | 7 810 | 21 637 | 36 035 |
| 2021 Q1 | 298 621 | 46 | 298 575 | 30 993 | 13 482 | 14 184 | 90 997 | 17 049 | 6 105 | 29 412 | 6 958 | 30 417 | 8 088 | 15 792 | 35 098 |
| Q2 | 331 204 | 1 342 | 329 862 | 30 652 | 13 499 | 16 673 | 91 953 | 19 073 | 6 380 | 36 159 | 7 191 | 32 945 | 8 235 | 29 223 | 37 879 |
| Q3 | 345 178 | 3 076 | 342 102 | 30 214 | 12 794 | 16 729 | 91 500 | 18 520 | 6 542 | 40 749 | 7 101 | 33 430 | 8 378 | 38 117 | 38 028 |
| Q4 | 351 317 | 2 444 | 348 873 | 30 783 | 12 662 | 17 146 | 93 076 | 18 799 | 6 467 | 44 046 | 7 085 | 34 283 | 8 522 | 36 769 | 39 235 |
| 2022 Q1 | 362 605 | 3 636 | 358 969 | 30 214 | 12 566 | 19 022 | 94 100 | 19 227 | 6 422 | 45 658 | 7 302 | 35 882 | 8 619 | 39 393 | 40 564 |
| Q2 | 376 217 | 5 476 | 370 741 | 31 100 | 12 910 | 18 067 | 97 487 | 19 328 | 6 679 | 47 887 | 7 152 | 36 067 | 8 760 | 42 920 | 42 384 |
| Q3 | 383 081 | 7 070 | 376 011 | 32 270 | 12 788 | 18 136 | 98 565 | 19 088 | 7 095 | 49 702 | 7 099 | 36 322 | 8 905 | 41 902 | 44 139 |
| Q4 | 392 612 | 7 411 | 385 201 | 33 153 | 12 823 | 18 425 | 103 438 | 19 209 | 7 143 | 50 124 | 6 850 | 36 253 | 9 055 | 41 991 | 46 737 |
| Percentage change, latest year on previous year | | | | | | | | | | | | | | | |
| | KG7Y | | KG6U | KG9N | KGF3 | KGF9 | KG7G | KG5H | KG16 | KG4J | KGK2 | KGK8 | KGB2 | KGC6 | KGE2 |
| 2020 | -12.5 | | -11.4 | 8.9 | 12.5 | -20.3 | 1.6 | 2.9 | -15.0 | -34.3 | 2.1 | -13.6 | 3.2 | -39.1 | -12.8 |
| 2021 | 9.2 | | 9.2 | 2.1 | -0.7 | 16.3 | 2.7 | 6.8 | 4.9 | 18.4 | -0.8 | 14.6 | 8.5 | 37.5 | 6.3 |
| 2022 | 14.2 | | 13.0 | 3.3 | -2.6 | 13.8 | 7.1 | 4.6 | 7.2 | 28.6 | 0.2 | 10.3 | 6.4 | 38.6 | 15.7 |
| Percentage change, latest quarter on previous quarter | | | | | | | | | | | | | | | |
| | KG78 | | KG74 | KG9R | KGF4 | KGG2 | KG78 | KG6H | KG17 | KG5J | KGK3 | KGK9 | KGB3 | KGC7 | KGE3 |
| 2020 Q3 | 19.9 | | 19.8 | -2.6 | -0.9 | 23.9 | - | 15.7 | 22.0 | 104.5 | 4.7 | 15.3 | 1.1 | 283.5 | 17.9 |
| Q4 | -1.4 | | -1.5 | -0.4 | 0.4 | -1.9 | 0.6 | -4.4 | 12.3 | -7.7 | -5.6 | 6.0 | 2.6 | -13.8 | -0.8 |
| 2021 Q1 | -2.6 | | -2.4 | 4.2 | -0.9 | 0.3 | 1.2 | -3.0 | -7.9 | -8.3 | 0.6 | 2.5 | 3.6 | -27.0 | -2.6 |
| Q2 | 10.9 | | 10.5 | -1.1 | 0.1 | 17.5 | 1.1 | 11.9 | 4.5 | 22.9 | 3.3 | 8.3 | 1.8 | 85.0 | 7.9 |
| Q3 | 4.2 | | 3.7 | -1.4 | -5.2 | 0.3 | -0.5 | -2.9 | 2.5 | 12.7 | -1.3 | 1.5 | 1.7 | 30.4 | 0.4 |
| Q4 | 1.8 | | 2.0 | 1.9 | -1.0 | 2.5 | 1.7 | 1.5 | -1.1 | 8.1 | -0.2 | 2.6 | 1.7 | -3.5 | 3.2 |
| 2022 Q1 | 3.2 | | 2.9 | -1.8 | -0.8 | 10.9 | 1.1 | 2.3 | -0.7 | 3.7 | 3.1 | 4.7 | 1.1 | 7.1 | 3.4 |
| Q2 | 3.8 | | 3.3 | 2.9 | 2.7 | -5.0 | 3.6 | 0.5 | 4.0 | 4.9 | -2.1 | 0.5 | 1.6 | 9.0 | 4.5 |
| Q3 | 1.8 | | 1.4 | 3.8 | -0.9 | 0.4 | 1.1 | -1.2 | 6.2 | 3.8 | -0.7 | 0.7 | 1.7 | -2.4 | 4.1 |
| Q4 | 2.5 | | 2.4 | 2.7 | 0.3 | 1.6 | 4.9 | 0.6 | 0.7 | 0.8 | -3.5 | -0.2 | 1.7 | 0.2 | 5.9 |
| Percentage change, latest quarter on corresponding quarter of previous year | | | | | | | | | | | | | | | |
| | KG79 | | KG7C | KG9V | KGF5 | KGG3 | KG79 | KG7H | KG18 | KG6J | KGK4 | KGL2 | KGB4 | KGC8 | KGE4 |
| 2020 Q3 | -10.6 | | -9.0 | 7.8 | 14.8 | -18.1 | 1.6 | 8.8 | -16.3 | -28.1 | 5.0 | -16.0 | 2.4 | -30.4 | -9.7 |
| Q4 | -12.0 | | -10.7 | 5.6 | 16.1 | -19.3 | 1.8 | 6.4 | -6.2 | -32.9 | -3.0 | -10.6 | 4.4 | -40.4 | -12.1 |
| 2021 Q1 | -11.4 | | -10.3 | 3.8 | 12.5 | -8.4 | 2.3 | 0.8 | -12.0 | -31.8 | -4.8 | -6.2 | 5.6 | -53.4 | -8.1 |
| Q2 | 27.6 | | 27.2 | - | -1.3 | 43.3 | 2.8 | 20.1 | 31.8 | 112.8 | 2.7 | 35.7 | 9.4 | 346.8 | 22.9 |
| Q3 | 10.9 | | 10.1 | 1.2 | -5.6 | 16.1 | 2.4 | 0.8 | 10.8 | 17.3 | -3.1 | 19.4 | 10.1 | 51.9 | 4.7 |
| Q4 | 14.6 | | 14.1 | 3.5 | -7.0 | 21.2 | 3.5 | 7.0 | -2.5 | 37.3 | 2.4 | 15.5 | 9.1 | 69.9 | 8.9 |
| 2022 Q1 | 21.4 | | 20.2 | -2.5 | -6.8 | 34.1 | 3.4 | 12.8 | 5.2 | 55.2 | 4.9 | 18.0 | 6.6 | 149.4 | 15.6 |
| Q2 | 13.6 | | 12.4 | 1.5 | -4.4 | 8.4 | 6.0 | 1.3 | 4.7 | 32.4 | -0.5 | 9.5 | 6.4 | 46.9 | 11.9 |
| Q3 | 11.0 | | 9.9 | 6.8 | - | 8.4 | 7.7 | 3.1 | 8.5 | 22.0 | - | 8.7 | 6.3 | 9.9 | 16.1 |
| Q4 | 11.8 | | 10.4 | 7.7 | 1.3 | 7.5 | 11.1 | 2.2 | 10.5 | 13.8 | -3.3 | 5.7 | 6.3 | 14.2 | 19.1 |

1 ESA 10 Classification of Individual Consumption by Purpose.
2 Final Consumption by UK Households in the UK & abroad.

3 Final consumption expenditure in the UK by UK & foreign households.

E2 Household final consumption expenditure (goods and services) Current prices

£ million

| | | UK NATIONAL ² | | | | | | | |
|--|-----------|--------------------------|-------------|---------|---------|---------------|---------------------|--------------------|----------|
| | | UK DOMESTIC ³ | | | | | | | |
| | | | | Goods | | | | | |
| | | Total | Net tourism | Total | Total | Durable goods | Semi- durable goods | Non- durable goods | Services |
| COICOP ¹ | | | | | D | SD | ND | S | |
| | ABJQ | ABTF | ZAKV | UTIF | UTIB | UTIR | UTIJ | UTIN | |
| 2020 | 1 214 474 | 6 051 | 1 208 423 | 535 736 | 126 615 | 112 714 | 296 407 | 672 687 | |
| 2021 | 1 326 320 | 6 908 | 1 319 412 | 575 377 | 138 529 | 127 382 | 309 466 | 744 035 | |
| 2022 | 1 514 515 | 23 593 | 1 490 922 | 628 277 | 148 908 | 138 207 | 341 162 | 862 645 | |
| Seasonally adjusted | | | | | | | | | |
| 2020 Q3 | 311 132 | 550 | 310 582 | 140 750 | 36 933 | 29 278 | 74 539 | 169 832 | |
| Q4 | 306 634 | 818 | 305 816 | 137 024 | 33 381 | 29 291 | 74 352 | 168 792 | |
| 2021 Q1 | 298 621 | 46 | 298 575 | 134 281 | 29 618 | 28 831 | 75 832 | 164 294 | |
| Q2 | 331 204 | 1 342 | 329 862 | 147 912 | 36 306 | 33 116 | 78 490 | 181 950 | |
| Q3 | 345 178 | 3 076 | 342 102 | 144 749 | 35 801 | 32 513 | 76 435 | 197 353 | |
| Q4 | 351 317 | 2 444 | 348 873 | 148 435 | 36 804 | 32 922 | 78 709 | 200 438 | |
| 2022 Q1 | 362 605 | 3 636 | 358 969 | 152 585 | 37 455 | 35 365 | 79 765 | 206 384 | |
| Q2 | 376 217 | 5 476 | 370 741 | 155 503 | 37 078 | 34 351 | 84 074 | 215 238 | |
| Q3 | 383 081 | 7 070 | 376 011 | 157 103 | 37 104 | 34 067 | 85 932 | 218 908 | |
| Q4 | 392 612 | 7 411 | 385 201 | 163 086 | 37 271 | 34 424 | 91 391 | 222 115 | |
| Percentage change, latest year on previous year | | | | | | | | | |
| 2020 | KG Y7 | | KG6U | KHC9 | KHB5 | KHH5 | KHE5 | KHF9 | |
| | -12.5 | | -11.4 | -4.1 | -5.9 | -14.4 | 1.3 | -16.4 | |
| 2021 | 9.2 | | 9.2 | 7.4 | 9.4 | 13.0 | 4.4 | 10.6 | |
| 2022 | 14.2 | | 13.0 | 9.2 | 7.5 | 8.5 | 10.2 | 15.9 | |
| Percentage change, latest quarter on previous quarter | | | | | | | | | |
| 2020 Q3 | KG Y8 | | KG74 | KHD2 | KHB6 | KHH6 | KHE6 | KHG2 | |
| | 19.9 | | 19.8 | 16.7 | 54.7 | 20.7 | 2.9 | 22.5 | |
| Q4 | -1.4 | | -1.5 | -2.6 | -9.6 | - | -0.3 | -0.6 | |
| 2021 Q1 | -2.6 | | -2.4 | -2.0 | -11.3 | -1.6 | 2.0 | -2.7 | |
| Q2 | 10.9 | | 10.5 | 10.2 | 22.6 | 14.9 | 3.5 | 10.7 | |
| Q3 | 4.2 | | 3.7 | -2.1 | -1.4 | -1.8 | -2.6 | 8.5 | |
| Q4 | 1.8 | | 2.0 | 2.5 | 2.8 | 1.3 | 3.0 | 1.6 | |
| 2022 Q1 | 3.2 | | 2.9 | 2.8 | 1.8 | 7.4 | 1.3 | 3.0 | |
| Q2 | 3.8 | | 3.3 | 1.9 | -1.0 | -2.9 | 5.4 | 4.3 | |
| Q3 | 1.8 | | 1.4 | 1.0 | 0.1 | -0.8 | 2.2 | 1.7 | |
| Q4 | 2.5 | | 2.4 | 3.8 | 0.5 | 1.0 | 6.4 | 1.5 | |
| Percentage change, latest quarter on corresponding quarter of previous year | | | | | | | | | |
| 2020 Q3 | KG Y9 | | KG7C | KHD3 | KHB7 | KHH7 | KHE7 | KHG3 | |
| | -10.6 | | -9.0 | 0.4 | 9.5 | -12.5 | 2.2 | -15.6 | |
| Q4 | -12.0 | | -10.7 | -2.0 | - | -11.3 | 1.2 | -16.6 | |
| 2021 Q1 | -11.4 | | -10.3 | -2.3 | -8.7 | -3.5 | 1.0 | -15.9 | |
| Q2 | 27.6 | | 27.2 | 22.7 | 52.1 | 36.5 | 8.4 | 31.2 | |
| Q3 | 10.9 | | 10.1 | 2.8 | -3.1 | 11.0 | 2.5 | 16.2 | |
| Q4 | 14.6 | | 14.1 | 8.3 | 10.3 | 12.4 | 5.9 | 18.7 | |
| 2022 Q1 | 21.4 | | 20.2 | 13.6 | 26.5 | 22.7 | 5.2 | 25.6 | |
| Q2 | 13.6 | | 12.4 | 5.1 | 2.1 | 3.7 | 7.1 | 18.3 | |
| Q3 | 11.0 | | 9.9 | 8.5 | 3.6 | 4.8 | 12.4 | 10.9 | |
| Q4 | 11.8 | | 10.4 | 9.9 | 1.3 | 4.6 | 16.1 | 10.8 | |

1 ESA 10 Classification of Individual Consumption by Purpose.
2 Final Consumption by UK Households in the UK & abroad.

3 Final consumption expenditure in the UK by UK & foreign households.

E3 Household final consumption expenditure by purpose

Chained volume measures

Reference year 2019, £ million

| UK NATIONAL ² | | | | | | | | | | | | | | | | |
|--|-----------|-------------|--------------|---------|-------------------|---------------------|---------|----------------------------|--------|---------|-----------|--------------------|---------------------------|-----------|---------------------------|--------------------|
| UK DOMESTIC ³ | | | | | | | | | | | | | | | | |
| COICOP ¹ | Total | Net tourism | Food & drink | | Alcohol & tobacco | Clothing & footwear | Housing | Household goods & services | | Health | Transport | Communi- cation | Recreati- on & culture | Education | Restau- rants & hotels | Miscell- aneous |
| | | | 0 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | |
| | ABJR | ABTH | ZAKW | ZWUN | ZAKY | ZALA | ZAVO | ZAVW | ZAWC | ZAWM | ZAWW | ZAXA | ZWUT | ZAXS | ZAYG | |
| 2020 | 1 208 053 | 5 941 | 1 202 112 | 119 208 | 51 526 | 56 250 | 356 379 | 68 731 | 23 766 | 125 233 | 29 071 | 112 690 | 28 196 | 86 018 | 145 044 | |
| 2021 | 1 283 950 | 7 117 | 1 276 833 | 120 662 | 49 569 | 64 922 | 359 645 | 70 710 | 24 485 | 139 235 | 29 989 | 125 504 | 31 451 | 113 617 | 147 044 | |
| 2022 | 1 351 727 | 17 975 | 1 333 752 | 112 384 | 46 463 | 68 826 | 357 649 | 67 139 | 25 358 | 161 028 | 29 825 | 132 158 | 32 128 | 150 334 | 150 460 | |
| Seasonally adjusted | | | | | | | | | | | | | | | | |
| 2020 Q3 | 308 681 | 569 | 308 112 | 29 635 | 13 176 | 14 501 | 88 926 | 18 312 | 5 755 | 33 989 | 7 517 | 27 508 | 6 972 | 24 846 | 36 975 | |
| Q4 | 304 080 | 707 | 303 373 | 29 650 | 13 186 | 14 309 | 89 714 | 17 529 | 6 458 | 31 345 | 7 200 | 29 036 | 7 121 | 21 158 | 36 667 | |
| 2021 Q1 | 293 745 | 373 | 293 372 | 30 828 | 12 887 | 14 554 | 90 057 | 16 869 | 5 855 | 27 592 | 7 232 | 29 728 | 7 750 | 15 139 | 34 881 | |
| Q2 | 323 597 | 1 291 | 322 306 | 30 433 | 12 794 | 16 835 | 90 947 | 18 592 | 6 170 | 34 505 | 7 559 | 31 829 | 7 889 | 27 523 | 37 230 | |
| Q3 | 332 958 | 2 775 | 330 183 | 29 785 | 12 087 | 16 658 | 89 286 | 17 680 | 6 295 | 37 497 | 7 557 | 31 771 | 7 996 | 36 035 | 37 536 | |
| Q4 | 333 650 | 2 678 | 330 972 | 29 616 | 11 801 | 16 875 | 89 355 | 17 569 | 6 165 | 39 641 | 7 641 | 32 176 | 7 816 | 34 920 | 37 397 | |
| 2022 Q1 | 337 725 | 3 994 | 333 731 | 28 569 | 11 588 | 17 994 | 89 369 | 17 291 | 6 001 | 39 248 | 7 735 | 33 316 | 7 904 | 36 621 | 38 095 | |
| Q2 | 338 452 | 3 764 | 334 688 | 28 261 | 11 691 | 17 079 | 89 396 | 17 002 | 6 289 | 40 501 | 7 400 | 33 140 | 8 035 | 38 013 | 37 881 | |
| Q3 | 337 395 | 4 694 | 332 701 | 27 919 | 11 562 | 16 847 | 89 196 | 16 532 | 6 595 | 40 350 | 7 451 | 33 049 | 8 141 | 37 749 | 37 310 | |
| Q4 | 338 155 | 5 523 | 332 632 | 27 635 | 11 622 | 16 906 | 89 688 | 16 314 | 6 473 | 40 929 | 7 239 | 32 653 | 8 048 | 37 951 | 37 174 | |
| Percentage change, latest year on previous year | | | | | | | | | | | | | | | | |
| 2020 | KGZ5 | | KG7O | KG9Y | KGF6 | KGG4 | KGH2 | KGH8 | KGI9 | KGJ7 | KGK5 | KGL3 | KGB8 | KGD4 | KGE8 | |
| | -12.9 | | -11.8 | 8.1 | 9.7 | -19.5 | 1.2 | 2.9 | -16.9 | -35.2 | 4.0 | -14.9 | -4.9 | -39.9 | -10.5 | |
| 2021 | 6.3 | | 6.2 | 1.2 | -3.8 | 15.4 | 0.9 | 2.9 | 3.0 | 11.2 | 3.2 | 11.4 | 11.5 | 32.1 | 1.4 | |
| 2022 | 5.3 | | 4.5 | -6.9 | -6.3 | 6.0 | -0.6 | -5.1 | 3.6 | 15.7 | -0.5 | 5.3 | 2.2 | 32.3 | 2.3 | |
| Percentage change, latest quarter on previous quarter | | | | | | | | | | | | | | | | |
| 2020 Q3 | KGZ6 | | KG7R | KGA3 | KGF7 | KGG5 | KGH3 | KGH9 | KGJ2 | KGJ8 | KGK6 | KGL4 | KGB9 | KGD5 | KGE9 | |
| | 19.1 | | 19.0 | -2.0 | -0.7 | 21.4 | -0.3 | 14.6 | 20.8 | 97.4 | 7.5 | 14.7 | 6.0 | 283.7 | 14.5 | |
| Q4 | -1.5 | | -1.5 | 0.1 | 0.1 | -1.3 | 0.9 | -4.3 | 12.2 | -7.8 | -4.2 | 5.6 | 2.1 | -14.8 | -0.8 | |
| 2021 Q1 | -3.4 | | -3.3 | 4.0 | -2.3 | 1.7 | 0.4 | -3.8 | -9.3 | -12.0 | 0.4 | 2.4 | 8.8 | -28.4 | -4.9 | |
| Q2 | 10.2 | | 9.9 | -1.3 | -0.7 | 15.7 | 1.0 | 10.2 | 5.4 | 25.1 | 4.5 | 7.1 | 1.8 | 81.8 | 6.7 | |
| Q3 | 2.9 | | 2.4 | -2.1 | -5.5 | -1.1 | -1.8 | -4.9 | 2.0 | 8.7 | - | -0.2 | 1.4 | 30.9 | 0.8 | |
| Q4 | 0.2 | | 0.2 | -0.6 | -2.4 | 1.3 | 0.1 | -0.6 | -2.1 | 5.7 | 1.1 | 1.3 | -2.3 | -3.1 | -0.4 | |
| 2022 Q1 | 1.2 | | 0.8 | -3.5 | -1.8 | 6.6 | - | -1.6 | -2.7 | -1.0 | 1.2 | 3.5 | 1.1 | 4.9 | 1.9 | |
| Q2 | 0.2 | | 0.3 | -1.1 | 0.9 | -5.1 | - | -1.7 | 4.8 | 3.2 | -4.3 | -0.5 | 1.7 | 3.8 | -0.6 | |
| Q3 | -0.3 | | -0.6 | -1.2 | -1.1 | -1.4 | -0.2 | -2.8 | 4.9 | -0.4 | 0.7 | -0.3 | 1.3 | -0.7 | -1.5 | |
| Q4 | 0.2 | | - | -1.0 | 0.5 | 0.4 | 0.6 | -1.3 | -1.8 | 1.4 | -2.8 | -1.2 | -1.1 | 0.5 | -0.4 | |
| Percentage change, latest quarter on corresponding quarter of previous year | | | | | | | | | | | | | | | | |
| 2020 Q3 | KGZ7 | | KG7U | KGA6 | KGF8 | KGG6 | KGH4 | KGI2 | KGJ3 | KGJ9 | KGK7 | KGL5 | KGC2 | KGD6 | KGF2 | |
| | -11.1 | | -9.5 | 7.4 | 11.8 | -17.7 | 1.4 | 8.4 | -18.2 | -29.1 | 6.7 | -17.3 | -6.6 | -30.8 | -8.2 | |
| Q4 | -12.2 | | -10.8 | 6.0 | 13.0 | -18.0 | 1.9 | 6.8 | -8.0 | -33.7 | -0.2 | -12.2 | -3.2 | -41.1 | -9.7 | |
| 2021 Q1 | -12.6 | | -11.6 | 3.8 | 8.4 | -6.1 | 1.7 | -0.3 | -13.7 | -35.4 | -1.7 | -7.6 | 3.0 | -54.9 | -10.8 | |
| Q2 | 24.9 | | 24.5 | 0.7 | -3.6 | 40.9 | 2.0 | 16.4 | 29.5 | 100.4 | 8.1 | 32.7 | 19.9 | 325.1 | 15.3 | |
| Q3 | 7.9 | | 7.2 | 0.5 | -8.3 | 14.9 | 0.4 | -3.5 | 9.4 | 10.3 | 0.5 | 15.5 | 14.7 | 45.0 | 1.5 | |
| Q4 | 9.7 | | 9.1 | -0.1 | -10.5 | 17.9 | -0.4 | 0.2 | -4.5 | 26.5 | 6.1 | 10.8 | 9.8 | 65.0 | 2.0 | |
| 2022 Q1 | 15.0 | | 13.8 | -7.3 | -10.1 | 23.6 | -0.8 | 2.5 | 2.5 | 42.2 | 7.0 | 12.1 | 2.0 | 141.9 | 9.2 | |
| Q2 | 4.6 | | 3.8 | -7.1 | -8.6 | 1.4 | -1.7 | -8.6 | 1.9 | 17.4 | -2.1 | 4.1 | 1.9 | 38.1 | 1.7 | |
| Q3 | 1.3 | | 0.8 | -6.3 | -4.3 | 1.1 | -0.1 | -6.5 | 4.8 | 7.6 | -1.4 | 4.0 | 1.8 | 4.8 | -0.6 | |
| Q4 | 1.4 | | 0.5 | -6.7 | -1.5 | 0.2 | 0.4 | -7.1 | 5.0 | 3.2 | -5.3 | 1.5 | 3.0 | 8.7 | -0.6 | |

1 ESA 10 Classification of Individual Consumption by Purpose.

2 Final consumption expenditure by UK households in the UK & abroad.

3 Final consumption expenditure in the UK by UK & foreign households.

E4 Household final consumption expenditure (goods and services) Chained volume measures

Reference year 2019, £ million

| | | UK NATIONAL ² | | | | | | | |
|--|----|--------------------------|-------------|-----------|---------|---------------|---------------------|--------------------|----------|
| | | UK DOMESTIC ³ | | | | | | | |
| | | | | Goods | | | | | |
| | | Total | Net tourism | Total | Total | Durable goods | Semi- durable goods | Non- durable goods | Services |
| | | | | | D | SD | ND | S | |
| COICOP ¹ | | ABJR | ABTH | ZAKW | UTIH | UTID | UTIT | UTIL | UTIP |
| 2020 | | 1 208 053 | 5 941 | 1 202 112 | 533 192 | 123 657 | 113 052 | 296 483 | 668 920 |
| 2021 | | 1 283 950 | 7 117 | 1 276 833 | 554 963 | 128 461 | 125 871 | 300 631 | 721 870 |
| 2022 | | 1 351 727 | 17 975 | 1 333 752 | 542 755 | 128 986 | 127 805 | 285 964 | 790 997 |
| Seasonally adjusted | | | | | | | | | |
| 2020 | Q3 | 308 681 | 569 | 308 112 | 139 623 | 35 693 | 29 275 | 74 655 | 168 489 |
| | Q4 | 304 080 | 707 | 303 373 | 136 565 | 32 246 | 29 372 | 74 947 | 166 808 |
| 2021 | Q1 | 293 745 | 373 | 293 372 | 132 003 | 27 716 | 29 221 | 75 066 | 161 369 |
| | Q2 | 323 597 | 1 291 | 322 306 | 144 900 | 34 316 | 32 912 | 77 672 | 177 406 |
| | Q3 | 332 958 | 2 775 | 330 183 | 138 971 | 32 961 | 31 827 | 74 183 | 191 212 |
| | Q4 | 333 650 | 2 678 | 330 972 | 139 089 | 33 468 | 31 911 | 73 710 | 191 883 |
| 2022 | Q1 | 337 725 | 3 994 | 333 731 | 138 403 | 32 812 | 33 126 | 72 465 | 195 328 |
| | Q2 | 338 452 | 3 764 | 334 688 | 136 057 | 32 418 | 31 903 | 71 736 | 198 631 |
| | Q3 | 337 395 | 4 694 | 332 701 | 133 817 | 31 836 | 31 316 | 70 665 | 198 884 |
| | Q4 | 338 155 | 5 523 | 332 632 | 134 478 | 31 920 | 31 460 | 71 098 | 198 154 |
| Percentage change, latest year on previous year | | | | | | | | | |
| 2020 | | KGZ5 | | KG7O | KHD7 | KHC3 | KHI3 | KHF3 | KHG7 |
| | | -12.9 | | -11.8 | -4.6 | -8.1 | -14.2 | 1.3 | -16.9 |
| 2021 | | 6.3 | | 6.2 | 4.1 | 3.9 | 11.3 | 1.4 | 7.9 |
| 2022 | | 5.3 | | 4.5 | -2.2 | 0.4 | 1.5 | -4.9 | 9.6 |
| Percentage change, latest quarter on previous quarter | | | | | | | | | |
| 2020 | Q3 | KGZ6 | | KG7R | KHD8 | KHC4 | KHI4 | KHF4 | KHG8 |
| | | 19.1 | | 19.0 | 15.9 | 51.0 | 19.4 | 3.3 | 21.7 |
| | Q4 | -1.5 | | -1.5 | -2.2 | -9.7 | 0.3 | 0.4 | -1.0 |
| 2021 | Q1 | -3.4 | | -3.3 | -3.3 | -14.0 | -0.5 | 0.2 | -3.3 |
| | Q2 | 10.2 | | 9.9 | 9.8 | 23.8 | 12.6 | 3.5 | 9.9 |
| | Q3 | 2.9 | | 2.4 | -4.1 | -3.9 | -3.3 | -4.5 | 7.8 |
| | Q4 | 0.2 | | 0.2 | 0.1 | 1.5 | 0.3 | -0.6 | 0.4 |
| 2022 | Q1 | 1.2 | | 0.8 | -0.5 | -2.0 | 3.8 | -1.7 | 1.8 |
| | Q2 | 0.2 | | 0.3 | -1.7 | -1.2 | -3.7 | -1.0 | 1.7 |
| | Q3 | -0.3 | | -0.6 | -1.6 | -1.8 | -1.8 | -1.5 | 0.1 |
| | Q4 | 0.2 | | - | 0.5 | 0.3 | 0.5 | 0.6 | -0.4 |
| Percentage change, latest quarter on corresponding quarter of previous year | | | | | | | | | |
| 2020 | Q3 | KGZ7 | | KG7U | KHD9 | KHC5 | KHI5 | KHF5 | KHG9 |
| | | -11.1 | | -9.5 | - | 6.0 | -12.6 | 3.0 | -16.1 |
| | Q4 | -12.2 | | -10.8 | -1.8 | -3.2 | -10.6 | 2.7 | -17.0 |
| 2021 | Q1 | -12.6 | | -11.6 | -3.3 | -13.6 | -2.2 | 0.6 | -17.3 |
| | Q2 | 24.9 | | 24.5 | 20.3 | 45.2 | 34.2 | 7.5 | 28.1 |
| | Q3 | 7.9 | | 7.2 | -0.5 | -7.7 | 8.7 | -0.6 | 13.5 |
| | Q4 | 9.7 | | 9.1 | 1.8 | 3.8 | 8.6 | -1.7 | 15.0 |
| 2022 | Q1 | 15.0 | | 13.8 | 4.8 | 18.4 | 13.4 | -3.5 | 21.0 |
| | Q2 | 4.6 | | 3.8 | -6.1 | -5.5 | -3.1 | -7.6 | 12.0 |
| | Q3 | 1.3 | | 0.8 | -3.7 | -3.4 | -1.6 | -4.7 | 4.0 |
| | Q4 | 1.4 | | 0.5 | -3.3 | -4.6 | -1.4 | -3.5 | 3.3 |

1 ESA 10 Classification of Individual Consumption by Purpose.

2 Final consumption expenditure by UK households in the UK & abroad.

3 Final consumption expenditure in the UK by UK & foreign households.

F1 Gross fixed capital formation by sector and type of asset

Current prices

£ million

| | Analysis by sector | | | | | | | | Analysis by asset | | | | | | Total |
|--|----------------------------------|--------------------|------------------------|---|------------------------|---|-----------------|----------------|---------------------|--|------------------------|---|--------------------------------|--|-------|
| | Public corporations ² | | | | Private Sector | | | | Transport equipment | ICT equipment and other machinery and equipment ³ | Dwellings ⁴ | Other buildings and structures ⁵ | Intellectual Property Products | | |
| | Business investment ¹ | General government | Dwellings ⁴ | Costs of transfer of ownership of non-produced assets | Dwellings ⁴ | Costs of transfer of ownership of non-produced assets | Total | | | | | | | | |
| 2020 | NPEK 201 125 | RPZG 65 977 | L62R 4 284 | L62S 787 | L62T 73 598 | L62U 20 112 | NPQS 365 882 | TLPX 17 486 | TLPW 58 602 | GGAE 77 699 | EQED 123 029 | TLPK 89 067 | NPQS 365 882 | | |
| 2021 | 204 516 | 70 729 | 5 174 | 637 | 89 192 | 23 243 | 393 491 | 21 790 | 60 036 | 94 366 | 125 151 | 92 148 | 393 491 | | |
| 2022 | 236 548 | 78 367 | 6 157 | 727 | 104 601 | 25 640 | 452 040 | 26 541 | 72 843 | 110 758 | 142 749 | 99 149 | 452 040 | | |
| Seasonally adjusted | | | | | | | | | | | | | | | |
| 2020 Q3 | 49 516 | 16 750 | 1 043 | 188 | 19 900 | 4 880 | 92 277 | 5 233 | 14 549 | 20 943 | 29 995 | 21 557 | 92 277 | | |
| Q4 | 50 525 | 17 269 | 1 145 | 204 | 20 628 | 5 422 | 95 192 | 5 246 | 15 488 | 21 773 | 30 711 | 21 975 | 95 192 | | |
| 2021 Q1 | 47 968 | 17 344 | 1 172 | 144 | 21 213 | 5 571 | 93 412 | 5 017 | 13 935 | 22 385 | 29 980 | 22 095 | 93 412 | | |
| Q2 | 50 742 | 17 791 | 1 294 | 157 | 21 933 | 5 787 | 97 704 | 5 180 | 15 016 | 23 227 | 31 210 | 23 071 | 97 704 | | |
| Q3 | 53 785 | 17 454 | 1 320 | 164 | 22 601 | 5 806 | 101 130 | 5 746 | 16 579 | 23 921 | 31 536 | 23 348 | 101 130 | | |
| Q4 | 52 021 | 18 140 | 1 388 | 172 | 23 445 | 6 079 | 101 245 | 5 847 | 14 506 | 24 833 | 32 425 | 23 634 | 101 245 | | |
| 2022 Q1 | 56 907 | 21 840 | 1 537 | 173 | 24 538 | 6 259 | 111 254 | 6 824 | 19 014 | 26 075 | 34 956 | 24 385 | 111 254 | | |
| Q2 | 59 303 | 17 830 | 1 438 | 192 | 26 166 | 6 646 | 111 575 | 6 993 | 17 981 | 27 604 | 34 818 | 24 179 | 111 575 | | |
| Q3 | 60 013 | 18 653 | 1 583 | 192 | 27 032 | 6 605 | 114 078 | 6 045 | 18 558 | 28 615 | 36 102 | 24 758 | 114 078 | | |
| Q4 | 60 325 | 20 044 | 1 599 | 170 | 26 865 | 6 130 | 115 133 | 6 679 | 17 290 | 28 464 | 36 873 | 25 827 | 115 133 | | |
| Percentage change, latest year on previous year | | | | | | | | | | | | | | | |
| 2020 | KG6N -10.4 | KH7N 6.8 | L64E -7.2 | L64H -33.1 | L64K -16.3 | L64N -14.5 | KG6O -9.3 | KG6T -10.8 | KG6S -10.7 | KH7X -16.1 | KH7W -10.9 | KG6R 1.8 | KG6O -9.3 | | |
| 2021 | 1.7 | 7.2 | 20.8 | -19.1 | 21.2 | 15.6 | 7.5 | 24.6 | 2.4 | 21.5 | 1.7 | 3.5 | 7.5 | | |
| 2022 | 15.7 | 10.8 | 19.0 | 14.1 | 17.3 | 10.3 | 14.9 | 21.8 | 21.3 | 17.4 | 14.1 | 7.6 | 14.9 | | |
| Percentage change, latest quarter on previous quarter | | | | | | | | | | | | | | | |
| 2020 Q3 | KG6V 10.6 | KH7P -3.4 | L64F 11.4 | L64I 1.6 | L64L 59.8 | L64O 6.4 | KG6W 15.0 | KG73 159.3 | KG72 11.3 | KH83 56.4 | KH82 1.6 | KG6Z -3.1 | KG6W 15.0 | | |
| Q4 | 2.0 | 3.1 | 9.8 | 8.5 | 3.7 | 11.1 | 3.2 | 0.2 | 6.5 | 4.0 | 2.4 | 1.9 | 3.2 | | |
| 2021 Q1 | -5.1 | 0.4 | 2.4 | -29.4 | 2.8 | 2.7 | -1.9 | -4.4 | -10.0 | 2.8 | -2.4 | 0.5 | -1.9 | | |
| Q2 | 5.8 | 2.6 | 10.4 | 9.0 | 3.4 | 3.9 | 4.6 | 3.2 | 7.8 | 3.8 | 4.1 | 4.4 | 4.6 | | |
| Q3 | 6.0 | -1.9 | 2.0 | 4.5 | 3.0 | 0.3 | 3.5 | 10.9 | 10.4 | 3.0 | 1.0 | 1.2 | 3.5 | | |
| Q4 | -3.3 | 3.9 | 5.2 | 4.9 | 3.7 | 4.7 | 0.1 | 1.8 | -12.5 | 3.8 | 2.8 | 1.2 | 0.1 | | |
| 2022 Q1 | 9.4 | 20.4 | 10.7 | 0.6 | 4.7 | 3.0 | 9.9 | 16.7 | 31.1 | 5.0 | 7.8 | 3.2 | 9.9 | | |
| Q2 | 4.2 | -18.4 | -6.4 | 11.0 | 6.6 | 6.2 | 0.3 | 2.5 | -5.4 | 5.9 | -0.4 | -0.8 | 0.3 | | |
| Q3 | 1.2 | 4.6 | 10.1 | - | 3.3 | -0.6 | 2.2 | -13.6 | 3.2 | 3.7 | 3.7 | 2.4 | 2.2 | | |
| Q4 | 0.5 | 7.5 | 1.0 | -11.5 | -0.6 | -7.2 | 0.9 | 10.5 | -6.8 | -0.5 | 2.1 | 4.3 | 0.9 | | |
| Percentage change, latest quarter on corresponding quarter of previous year | | | | | | | | | | | | | | | |
| 2020 Q3 | KG75 -12.4 | KH7R 7.8 | L64G -10.7 | L64J -37.1 | L64M -11.8 | L64P -17.6 | KG76 -9.5 | KG7B 3.4 | KG7A -13.2 | KH87 -11.8 | KH86 -12.2 | KG79 -3.4 | KG76 -9.5 | | |
| Q4 | -11.7 | 10.1 | -7.7 | -30.1 | -3.6 | -5.4 | -6.3 | 40.1 | -8.6 | -3.9 | -13.0 | -4.0 | -6.3 | | |
| 2021 Q1 | -14.8 | 18.6 | 1.0 | -31.4 | 2.9 | 6.6 | -4.8 | 0.6 | -10.1 | 3.7 | -8.6 | -5.1 | -4.8 | | |
| Q2 | 13.4 | 2.6 | 38.2 | -15.1 | 76.1 | 26.2 | 21.7 | 156.7 | 14.9 | 73.5 | 5.7 | 3.7 | 21.7 | | |
| Q3 | 8.6 | 4.2 | 26.6 | -12.8 | 13.6 | 19.0 | 9.6 | 9.8 | 14.0 | 14.2 | 5.1 | 8.3 | 9.6 | | |
| Q4 | 3.0 | 5.0 | 21.2 | -15.7 | 13.7 | 12.1 | 6.4 | 11.5 | -6.3 | 14.1 | 5.6 | 7.5 | 6.4 | | |
| 2022 Q1 | 18.6 | 25.9 | 31.1 | 20.1 | 15.7 | 12.3 | 19.1 | 36.0 | 36.4 | 16.5 | 16.6 | 10.4 | 19.1 | | |
| Q2 | 16.9 | 0.2 | 11.1 | 22.3 | 19.3 | 14.8 | 14.2 | 35.0 | 19.7 | 18.8 | 11.6 | 4.8 | 14.2 | | |
| Q3 | 11.6 | 6.9 | 19.9 | 17.1 | 19.6 | 13.8 | 12.8 | 5.2 | 11.9 | 19.6 | 14.5 | 6.0 | 12.8 | | |
| Q4 | 16.0 | 10.5 | 15.2 | -1.2 | 14.6 | 0.8 | 13.7 | 14.2 | 19.2 | 14.6 | 13.7 | 9.3 | 13.7 | | |

1 Not including expenditure on dwellings, land and existing buildings and costs associated with the transfer of ownership of non-produced assets.

2 Remaining investment by public non-financial corporations included within business investment.

3 Includes cultivated biological resources (AN.115) and weapons (AN.114).

4 Includes new dwellings and improvements to dwellings.

5 Including costs associated with the transfer of ownership of buildings, dwellings and non-produced assets.

F2 Gross fixed capital formation by sector and type of asset

Chained volume measures

Reference year 2019, £ million

| | Analysis by sector | | | | | | | | Analysis by asset | | | | | Total |
|--|----------------------------------|--------------------|------------------------|---|------------------------|---|-----------------|-----------------|---------------------|--|------------------------|---|--------------------------------|-----------------|
| | Public corporations ² | | | | Private Sector | | | | Transport equipment | ICT equipment and other machinery and equipment ³ | Dwellings ⁴ | Other buildings and structures ⁵ | Intellectual Property Products | |
| | Business investment ¹ | General government | Dwellings ⁴ | Costs of transfer of ownership of non-produced assets | Dwellings ⁴ | Costs of transfer of ownership of non-produced assets | NPQT | | | | | | | |
| 2020 | 198 413 | 63 739 | 4 240 | L634 487 | L635 73 900 | L636 20 224 | L637 361 002 | NPQT 382 995 | DLWL 16 807 | DLWO 57 022 | DFEG 77 960 | DLWT 122 002 | EQDO 87 210 | NPQT 361 002 |
| 2021 | 200 237 | 67 127 | 4 973 | 610 | 87 283 | 22 765 | 382 995 | 18 688 | 59 278 | 92 256 | 122 389 | 90 384 | 382 995 | |
| 2022 | 221 935 | 69 555 | 5 472 | 653 | 94 464 | 23 763 | 415 842 | 23 404 | 69 775 | 99 936 | 129 880 | 92 847 | 415 842 | |
| Seasonally adjusted | | | | | | | | | | | | | | |
| 2020 Q3 | 48 806 | 16 350 | 1 014 | 113 | 20 024 | 4 901 | 91 209 | 5 001 | 14 014 | 21 038 | 30 000 | 21 155 | 91 209 | |
| Q4 | 50 167 | 16 582 | 1 084 | 127 | 20 699 | 5 496 | 94 156 | 5 106 | 15 052 | 21 783 | 30 746 | 21 468 | 94 156 | |
| 2021 Q1 | 47 578 | 17 089 | 1 120 | 129 | 21 162 | 5 526 | 92 604 | 3 883 | 14 524 | 22 282 | 29 242 | 22 673 | 92 604 | |
| Q2 | 50 602 | 16 926 | 1 297 | 140 | 21 690 | 5 696 | 96 351 | 5 055 | 13 837 | 22 987 | 31 947 | 22 525 | 96 351 | |
| Q3 | 51 731 | 16 284 | 1 267 | 160 | 22 082 | 5 697 | 97 221 | 4 828 | 16 053 | 23 349 | 30 539 | 22 452 | 97 221 | |
| Q4 | 50 326 | 16 828 | 1 289 | 181 | 22 349 | 5 846 | 96 819 | 4 922 | 14 864 | 23 638 | 30 661 | 22 734 | 96 819 | |
| 2022 Q1 | 54 461 | 20 216 | 1 350 | 168 | 22 932 | 5 996 | 105 123 | 5 800 | 18 647 | 24 282 | 32 817 | 23 577 | 105 123 | |
| Q2 | 55 833 | 15 257 | 1 357 | 175 | 23 863 | 6 247 | 102 732 | 5 652 | 17 355 | 25 220 | 32 258 | 22 247 | 102 732 | |
| Q3 | 55 869 | 16 365 | 1 392 | 166 | 24 066 | 6 000 | 103 858 | 5 561 | 17 612 | 25 458 | 32 262 | 22 965 | 103 858 | |
| Q4 | 55 772 | 17 717 | 1 373 | 144 | 23 603 | 5 520 | 104 129 | 6 391 | 16 161 | 24 976 | 32 543 | 24 058 | 104 129 | |
| Percentage change, latest year on previous year | | | | | | | | | | | | | | |
| 2020 | KG7M -11.9 | KH9Z 4.8 | L64T -8.1 | L64W -17.6 | L654 -16.0 | L64Z -16.1 | KG7N -10.5 | KH95 -14.5 | KH96 -13.4 | KH8Y -15.8 | KH97 -11.9 | KH98 0.4 | KG7N -10.5 | |
| 2021 | 0.9 | 5.3 | 17.3 | 25.3 | 18.1 | 12.6 | 6.1 | 11.2 | 4.0 | 18.3 | 0.3 | 3.6 | 6.1 | |
| 2022 | 10.8 | 3.6 | 10.0 | 7.0 | 8.2 | 4.4 | 8.6 | 25.2 | 17.7 | 8.3 | 6.1 | 2.7 | 8.6 | |
| Percentage change, latest quarter on previous quarter | | | | | | | | | | | | | | |
| 2020 Q3 | KG7P 11.0 | KH9C -2.0 | L64U 2.3 | L64X 1.8 | L655 60.3 | L652 7.1 | KG7Q 15.7 | KH9F 156.1 | KH9G 10.2 | KH9A 56.0 | KH9H 3.5 | KH9I 3.5 | KG7Q 15.7 | |
| Q4 | 2.8 | 1.4 | 6.9 | 12.4 | 3.4 | 12.1 | 3.2 | 2.1 | 7.4 | 3.5 | 2.5 | -2.3 | 3.2 | |
| 2021 Q1 | -5.2 | 3.1 | 3.3 | 1.6 | 2.2 | 0.5 | -1.6 | -24.0 | -3.5 | 2.3 | -4.9 | 5.6 | -1.6 | |
| Q2 | 6.4 | -1.0 | 15.8 | 8.5 | 2.5 | 3.1 | 4.0 | 30.2 | -4.7 | 3.2 | 9.3 | -0.7 | 4.0 | |
| Q3 | 2.2 | -3.8 | -2.3 | 14.3 | 1.8 | - | 0.9 | -4.5 | 16.0 | 1.6 | -4.4 | -0.3 | 0.9 | |
| Q4 | -2.7 | 3.3 | 1.7 | 13.1 | 1.2 | 2.6 | -0.4 | 1.9 | -7.4 | 1.2 | 0.4 | 1.3 | -0.4 | |
| 2022 Q1 | 8.2 | 20.1 | 4.7 | -7.2 | 2.6 | 2.6 | 8.6 | 17.8 | 25.5 | 2.7 | 7.0 | 3.7 | 8.6 | |
| Q2 | 2.5 | -24.5 | 0.5 | 4.2 | 4.1 | 4.2 | -2.3 | -2.6 | -6.9 | 3.9 | -1.7 | -5.6 | -2.3 | |
| Q3 | 0.1 | 7.3 | 2.6 | -5.1 | 0.9 | -4.0 | 1.1 | -1.6 | 1.5 | 0.9 | - | 3.2 | 1.1 | |
| Q4 | -0.2 | 8.3 | -1.4 | -13.3 | -1.9 | -8.0 | 0.3 | 14.9 | -8.2 | -1.9 | 0.9 | 4.8 | 0.3 | |
| Percentage change, latest quarter on corresponding quarter of previous year | | | | | | | | | | | | | | |
| 2020 Q3 | KG7S -13.7 | KH9M 7.1 | L64V -11.7 | L64Y -25.7 | L656 -10.8 | L653 -19.0 | KG7T -10.3 | KH9P -1.5 | KH9Q -16.9 | KH9K -10.8 | KH9R -11.9 | KH9S -4.0 | KG7T -10.3 | |
| Q4 | -12.0 | 9.2 | -10.6 | -11.8 | -2.7 | -6.3 | -6.5 | 34.4 | -10.0 | -3.1 | -12.3 | -5.0 | -6.5 | |
| 2021 Q1 | -14.2 | 21.0 | -2.7 | -5.1 | 2.3 | 5.2 | -4.4 | -18.2 | -4.7 | 2.9 | -9.4 | -1.1 | -4.4 | |
| Q2 | 15.1 | 1.5 | 30.9 | 26.1 | 73.6 | 24.5 | 22.3 | 158.8 | 8.8 | 70.5 | 10.2 | 4.0 | 22.3 | |
| Q3 | 6.0 | -0.4 | 25.0 | 41.6 | 10.3 | 16.2 | 6.6 | -3.5 | 14.5 | 11.0 | 1.8 | 6.1 | 6.6 | |
| Q4 | 0.3 | 1.5 | 18.9 | 42.5 | 8.0 | 6.4 | 2.8 | -3.6 | -1.2 | 8.5 | -0.3 | 5.9 | 2.8 | |
| 2022 Q1 | 14.5 | 18.3 | 20.5 | 30.2 | 8.4 | 8.5 | 13.5 | 49.4 | 28.4 | 9.0 | 12.2 | 4.0 | 13.5 | |
| Q2 | 10.3 | -9.9 | 4.6 | 25.0 | 10.0 | 9.7 | 6.6 | 11.8 | 25.4 | 9.7 | 1.0 | -1.2 | 6.6 | |
| Q3 | 8.0 | 0.5 | 9.9 | 3.8 | 9.0 | 5.3 | 6.8 | 15.2 | 9.7 | 9.0 | 5.6 | 2.3 | 6.8 | |
| Q4 | 10.8 | 5.3 | 6.5 | -20.4 | 5.6 | -5.6 | 7.6 | 29.8 | 8.7 | 5.7 | 6.1 | 5.8 | 7.6 | |

1 Not including expenditure on dwellings, land and existing buildings and costs associated with the transfer of ownership of non-produced assets.

2 Remaining investment by public non-financial corporations included within business investment.

3 Includes cultivated biological resources (AN.115) and weapons (AN.114)

4 Includes new dwellings and improvements to dwellings.

5 Including costs associated with the transfer of ownership of buildings, dwellings and non-produced assets.

G1 Changes in inventories at current prices ¹

£ million

| | Mining and quarrying | Manufacturing industries | | | | Electricity, gas and water supply | Distributive trades | | | Changes in inventories ³ |
|---|----------------------|--------------------------|------------------|----------------|----------------|-----------------------------------|------------------------|---------------------|-------------------------------|-------------------------------------|
| | | Materials and fuel | Work in progress | Finished goods | Total | | Wholesale ² | Retail ² | Other industries ³ | |
| Level of inventories held at end-December 2019 | 523 | 29 536 | 18 593 | 18 752 | 66 881 | 362 | 43 222 | 37 226 | 59 058 | 207 272 |
| 2020 | FAHS 77 | FAGF -862 | FADY -510 | FALR -153 | NZTP -1 525 | FAGI -2 108 | FBHE 1 973 | FAHA -493 | CWVD -775 | CAEX -2 851 |
| 2021 | -1 809 | 1 407 | 2 299 | 6 120 | 9 826 | -512 | 5 888 | 2 928 | -2 851 | 13 470 |
| 2022 | -1 868 | 882 | 857 | 6 553 | 8 292 | -1 406 | 20 806 | 6 403 | 3 198 | 35 425 |
| Seasonally adjusted | | | | | | | | | | |
| 2020 Q3 | -1 074 | -521 | 304 | -748 | -965 | -2 140 | 1 579 | 741 | -813 | -2 672 |
| Q4 | -150 | -27 | -494 | 605 | 84 | 108 | 2 053 | 1 104 | 6 426 | 9 625 |
| 2021 Q1 | -984 | -1 173 | 1 336 | 2 634 | 2 797 | -506 | 885 | 952 | 766 | 3 910 |
| Q2 | -261 | 1 354 | 931 | -218 | 2 067 | 851 | 699 | 938 | -6 840 | -2 546 |
| Q3 | -230 | 813 | 121 | 2 116 | 3 050 | -1 072 | 1 532 | 1 078 | 862 | 5 220 |
| Q4 | -334 | 413 | -89 | 1 588 | 1 912 | 215 | 2 772 | -40 | 2 361 | 6 886 |
| 2022 Q1 | -1 006 | 1 047 | 247 | 3 242 | 4 536 | -1 068 | 5 831 | 5 141 | -1 120 | 12 314 |
| Q2 | -446 | -552 | 484 | 3 953 | 3 885 | -2 085 | 6 233 | 3 317 | 3 325 | 14 229 |
| Q3 | -203 | 975 | -457 | 49 | 567 | 1 441 | 7 170 | -1 198 | -4 672 | 3 105 |
| Q4 | -213 | -588 | 583 | -691 | -696 | 306 | 1 572 | -857 | 5 665 | 5 777 |

1 Estimates are given to the nearest £ million but cannot be regarded as accurate to this degree.

2 Wholesaling and retailing estimates exclude the motor trades.

3 Quarterly alignment adjustment included in this series.

G2 Changes in inventories at chained volume measures¹

Reference year 2019, £ million

| | Mining and quarrying | Manufacturing industries | | | | Electricity, gas and water supply | Distributive trades | | | Changes in inventories ³ |
|---|----------------------|--------------------------|------------------|----------------|----------------|-----------------------------------|------------------------|---------------------|-------------------------------|-------------------------------------|
| | | Materials and fuel | Work in progress | Finished goods | Total | | Wholesale ² | Retail ² | Other industries ³ | |
| Level of inventories held at end-December 2019 | 523 | 29 536 | 18 593 | 18 752 | 66 881 | 362 | 43 222 | 37 226 | 59 058 | 207 272 |
| 2020 | FAEA 3 745 | FBNF 650 | FBNG -4 531 | FBNH -510 | DHBM -4 391 | FAEB 1 111 | FAJX 2 782 | FBYN -4 257 | DLWX -10 375 | CAFU -11 385 |
| 2021 | -1 232 | 1 879 | 1 969 | 5 856 | 9 704 | -521 | 6 244 | 2 542 | -7 789 | 8 948 |
| 2022 | -2 451 | -3 689 | -4 | 2 811 | -882 | -4 668 | 18 809 | 5 017 | -1 409 | 14 416 |
| Seasonally adjusted | | | | | | | | | | |
| 2020 Q3 | 313 | -496 | -2 719 | -1 562 | -4 777 | -1 046 | 1 053 | 397 | -788 | -4 848 |
| Q4 | 1 327 | 827 | -872 | 1 005 | 960 | 1 363 | 2 828 | 168 | 644 | 7 290 |
| 2021 Q1 | -641 | -889 | 1 235 | 2 466 | 2 812 | -303 | 1 026 | 910 | 830 | 4 634 |
| Q2 | -411 | 1 315 | 1 073 | -178 | 2 210 | 900 | 776 | 878 | -6 875 | -2 522 |
| Q3 | 571 | 1 225 | 123 | 2 366 | 3 714 | -1 146 | 1 579 | 948 | -1 228 | 4 438 |
| Q4 | -751 | 228 | -462 | 1 202 | 968 | 28 | 2 863 | -194 | -516 | 2 398 |
| 2022 Q1 | -1 606 | 847 | 353 | 2 742 | 3 942 | -1 668 | 5 331 | 4 391 | -1 568 | 8 822 |
| Q2 | -546 | -1 092 | -241 | 3 010 | 1 677 | -2 313 | 5 934 | 2 893 | 334 | 7 979 |
| Q3 | -307 | 200 | -760 | -1 258 | -1 818 | 122 | 7 068 | -1 663 | -7 325 | -3 923 |
| Q4 | 8 | -3 644 | 644 | -1 683 | -4 683 | -809 | 476 | -604 | 7 150 | 1 538 |

1 Estimates are given to the nearest £ million but cannot be regarded as accurate to this degree.

2 Wholesaling and retailing estimates exclude the motor trades.

3 Quarterly alignment adjustment included in this series.

H1 Exports and imports of goods and services

Current market prices

£ million

| | Exports | | | Imports | | | Balance | | |
|--|---------|----------|---------|---------|----------|---------|----------|----------|--------------------|
| | Goods | Services | Total | Goods | Services | Total | Goods | Services | Total ¹ |
| | BOKG | IKBB | IKBH | BOKH | IKBC | IKBI | BOKI | IKBD | IKBJ |
| 2020 | 307 181 | 309 605 | 616 786 | 440 711 | 168 518 | 609 229 | -133 530 | 141 087 | 7 557 |
| 2021 | 323 555 | 330 729 | 654 284 | 492 769 | 189 554 | 682 323 | -169 214 | 141 175 | -28 039 |
| 2022 | 414 059 | 401 140 | 815 199 | 644 602 | 257 236 | 901 838 | -230 543 | 143 904 | -86 639 |
| Seasonally adjusted | | | | | | | | | |
| 2020 Q3 | 73 879 | 72 455 | 146 334 | 108 675 | 38 456 | 147 131 | -34 796 | 33 999 | -797 |
| Q4 | 80 155 | 76 111 | 156 266 | 130 882 | 40 429 | 171 311 | -50 727 | 35 682 | -15 045 |
| 2021 Q1 | 72 555 | 78 361 | 150 916 | 115 147 | 41 671 | 156 818 | -42 592 | 36 690 | -5 902 |
| Q2 | 83 628 | 78 489 | 162 117 | 118 612 | 43 784 | 162 396 | -34 984 | 34 705 | -279 |
| Q3 | 78 037 | 79 430 | 157 467 | 127 147 | 46 512 | 173 659 | -49 110 | 32 918 | -16 192 |
| Q4 | 89 335 | 94 449 | 183 784 | 131 863 | 57 587 | 189 450 | -42 528 | 36 862 | -5 666 |
| 2022 Q1 | 86 282 | 90 163 | 176 445 | 157 849 | 56 126 | 213 975 | -71 567 | 34 037 | -37 530 |
| Q2 | 97 173 | 97 700 | 194 873 | 161 884 | 64 703 | 226 587 | -64 711 | 32 997 | -31 714 |
| Q3 | 115 396 | 106 754 | 222 150 | 164 345 | 68 403 | 232 748 | -48 949 | 38 351 | -10 598 |
| Q4 | 115 208 | 106 523 | 221 731 | 160 524 | 68 004 | 228 528 | -45 316 | 38 519 | -6 797 |
| Percentage change, latest year on previous year | | | | | | | | | |
| | KG9K | KH35 | KH2O | KG9L | KH3W | KH3H | | | |
| 2020 | -15.5 | -7.9 | -11.8 | -13.9 | -24.8 | -17.2 | | | |
| 2021 | 5.3 | 6.8 | 6.1 | 11.8 | 12.5 | 12.0 | | | |
| 2022 | 28.0 | 21.3 | 24.6 | 30.8 | 35.7 | 32.2 | | | |
| Percentage change, latest quarter on previous quarter | | | | | | | | | |
| | KG9O | KH36 | KH2P | KG9P | KH3X | KH3I | | | |
| 2020 Q3 | 2.8 | -1.3 | 0.7 | 24.3 | 2.5 | 17.8 | | | |
| Q4 | 8.5 | 5.0 | 6.8 | 20.4 | 5.1 | 16.4 | | | |
| 2021 Q1 | -9.5 | 3.0 | -3.4 | -12.0 | 3.1 | -8.5 | | | |
| Q2 | 15.3 | 0.2 | 7.4 | 3.0 | 5.1 | 3.6 | | | |
| Q3 | -6.7 | 1.2 | -2.9 | 7.2 | 6.2 | 6.9 | | | |
| Q4 | 14.5 | 18.9 | 16.7 | 3.7 | 23.8 | 9.1 | | | |
| 2022 Q1 | -3.4 | -4.5 | -4.0 | 19.7 | -2.5 | 12.9 | | | |
| Q2 | 12.6 | 8.4 | 10.4 | 2.6 | 15.3 | 5.9 | | | |
| Q3 | 18.8 | 9.3 | 14.0 | 1.5 | 5.7 | 2.7 | | | |
| Q4 | -0.2 | -0.2 | -0.2 | -2.3 | -0.6 | -1.8 | | | |
| Percentage change, latest quarter on corresponding quarter of previous year | | | | | | | | | |
| | KG9S | KH37 | KH2Q | KG9T | KH3Y | KH3J | | | |
| 2020 Q3 | -19.9 | -16.5 | -18.2 | -14.5 | -33.3 | -20.4 | | | |
| Q4 | -18.3 | -11.9 | -15.3 | 10.0 | -28.4 | -2.3 | | | |
| 2021 Q1 | -10.7 | -10.6 | -10.6 | 1.3 | -20.0 | -5.4 | | | |
| Q2 | 16.3 | 6.9 | 11.6 | 35.7 | 16.7 | 30.0 | | | |
| Q3 | 5.6 | 9.6 | 7.6 | 17.0 | 20.9 | 18.0 | | | |
| Q4 | 11.5 | 24.1 | 17.6 | 0.7 | 42.4 | 10.6 | | | |
| 2022 Q1 | 18.9 | 15.1 | 16.9 | 37.1 | 34.7 | 36.4 | | | |
| Q2 | 16.2 | 24.5 | 20.2 | 36.5 | 47.8 | 39.5 | | | |
| Q3 | 47.9 | 34.4 | 41.1 | 29.3 | 47.1 | 34.0 | | | |
| Q4 | 29.0 | 12.8 | 20.6 | 21.7 | 18.1 | 20.6 | | | |

¹ Trade balance is calculated by using exports of goods and services minus imports of goods and services

H2 Exports and imports of goods and services

Chained volume measures

Reference year 2019, £ million

| | Exports | | | Imports | | | Balance |
|--|---------|----------|---------|---------|----------|---------|--------------------|
| | Goods | Services | Total | Goods | Services | Total | Total ¹ |
| | BQKQ | IKBE | IKBK | BQKO | IKBF | IKBL | IKBM |
| 2020 | 316 266 | 298 843 | 615 109 | 448 866 | 168 846 | 617 712 | -2 603 |
| 2021 | 316 748 | 312 170 | 628 918 | 472 350 | 183 616 | 655 966 | -27 048 |
| 2022 | 347 428 | 343 699 | 691 127 | 521 425 | 221 731 | 743 156 | -52 029 |
| Seasonally adjusted | | | | | | | |
| 2020 Q3 | 75 584 | 70 469 | 146 053 | 111 108 | 38 825 | 149 933 | -3 880 |
| Q4 | 81 941 | 72 938 | 154 879 | 132 205 | 40 197 | 172 402 | -17 523 |
| 2021 Q1 | 73 421 | 74 944 | 148 365 | 114 079 | 41 132 | 155 211 | -6 846 |
| Q2 | 82 688 | 75 152 | 157 840 | 116 778 | 43 178 | 159 956 | -2 116 |
| Q3 | 76 511 | 75 127 | 151 638 | 121 545 | 45 438 | 166 983 | -15 345 |
| Q4 | 84 128 | 86 947 | 171 075 | 119 948 | 53 868 | 173 816 | -2 741 |
| 2022 Q1 | 76 931 | 81 665 | 158 596 | 136 585 | 51 492 | 188 077 | -29 481 |
| Q2 | 80 779 | 85 930 | 166 709 | 132 310 | 56 747 | 189 057 | -22 348 |
| Q3 | 94 859 | 89 319 | 184 178 | 125 055 | 58 138 | 183 193 | 985 |
| Q4 | 94 859 | 86 785 | 181 644 | 127 475 | 55 354 | 182 829 | -1 185 |
| Percentage change, latest year on previous year | | | | | | | |
| | KG9X | KH3B | KH2U | KG9W | KH44 | KH3N | |
| 2020 | -13.0 | -11.1 | -12.1 | -12.3 | -24.7 | -16.0 | |
| 2021 | 0.2 | 4.5 | 2.2 | 5.2 | 8.7 | 6.2 | |
| 2022 | 9.7 | 10.1 | 9.9 | 10.4 | 20.8 | 13.3 | |
| Percentage change, latest quarter on previous quarter | | | | | | | |
| | KGA2 | KH3C | KH2V | KG9Z | KH45 | KH3O | |
| 2020 Q3 | -1.1 | 0.5 | -0.3 | 22.2 | 5.6 | 17.4 | |
| Q4 | 8.4 | 3.5 | 6.0 | 19.0 | 3.5 | 15.0 | |
| 2021 Q1 | -10.4 | 2.8 | -4.2 | -13.7 | 2.3 | -10.0 | |
| Q2 | 12.6 | 0.3 | 6.4 | 2.4 | 5.0 | 3.1 | |
| Q3 | -7.5 | - | -3.9 | 4.1 | 5.2 | 4.4 | |
| Q4 | 10.0 | 15.7 | 12.8 | -1.3 | 18.6 | 4.1 | |
| 2022 Q1 | -8.6 | -6.1 | -7.3 | 13.9 | -4.4 | 8.2 | |
| Q2 | 5.0 | 5.2 | 5.1 | -3.1 | 10.2 | 0.5 | |
| Q3 | 17.4 | 3.9 | 10.5 | -5.5 | 2.5 | -3.1 | |
| Q4 | - | -2.8 | -1.4 | 1.9 | -4.8 | -0.2 | |
| Percentage change, latest quarter on corresponding quarter of previous year | | | | | | | |
| | KGA5 | KH3D | KH2W | KGA4 | KH46 | KH3P | |
| 2020 Q3 | -17.0 | -18.4 | -17.6 | -11.0 | -31.8 | -17.5 | |
| Q4 | -17.1 | -14.7 | -16.0 | 9.9 | -28.8 | -2.5 | |
| 2021 Q1 | -10.8 | -12.1 | -11.5 | -0.5 | -22.5 | -7.4 | |
| Q2 | 8.2 | 7.1 | 7.7 | 28.4 | 17.4 | 25.3 | |
| Q3 | 1.2 | 6.6 | 3.8 | 9.4 | 17.0 | 11.4 | |
| Q4 | 2.7 | 19.2 | 10.5 | -9.3 | 34.0 | 0.8 | |
| 2022 Q1 | 4.8 | 9.0 | 6.9 | 19.7 | 25.2 | 21.2 | |
| Q2 | -2.3 | 14.3 | 5.6 | 13.3 | 31.4 | 18.2 | |
| Q3 | 24.0 | 18.9 | 21.5 | 2.9 | 28.0 | 9.7 | |
| Q4 | 12.8 | -0.2 | 6.2 | 6.3 | 2.8 | 5.2 | |

¹ Trade balance is calculated by using exports of goods and services minus imports of goods and services

H3 Breakdown of exports and imports of goods

Current Prices SA

£ million

| | Trade in goods | | | | | |
|---------|----------------|----------------|----------------|------------|------------|------------|
| | Non-EU Exports | Non-EU Imports | Non-EU Balance | EU Exports | EU Imports | EU Balance |
| | L87M | L87O | L87K | L87S | L87U | L87Q |
| 2020 | 160 997 | 207 798 | -46 801 | 146 184 | 232 913 | -86 729 |
| 2021 | 168 117 | 256 176 | -88 059 | 155 438 | 236 593 | -81 155 |
| 2022 | 220 361 | 333 649 | -113 288 | 193 698 | 310 953 | -117 255 |
| 2020 Q3 | 37 697 | 50 265 | -12 568 | 36 182 | 58 410 | -22 228 |
| Q4 | 39 668 | 61 490 | -21 822 | 40 487 | 69 392 | -28 905 |
| 2021 Q1 | 40 417 | 60 828 | -20 411 | 32 138 | 54 319 | -22 181 |
| Q2 | 43 338 | 60 321 | -16 983 | 40 290 | 58 291 | -18 001 |
| Q3 | 38 790 | 65 253 | -26 463 | 39 247 | 61 894 | -22 647 |
| Q4 | 45 572 | 69 774 | -24 202 | 43 763 | 62 089 | -18 326 |
| 2022 Q1 | 43 498 | 84 249 | -40 751 | 42 784 | 73 600 | -30 816 |
| Q2 | 47 802 | 82 091 | -34 289 | 49 371 | 79 793 | -30 422 |
| Q3 | 63 011 | 88 346 | -25 335 | 52 385 | 75 999 | -23 614 |
| Q4 | 66 050 | 78 963 | -12 913 | 49 158 | 81 561 | -32 403 |

H4 Breakdown of exports and imports of goods

Chained Volume Measures SA

£ million

| | Trade in Goods | | | | | |
|---------|----------------|----------------|----------------|------------|------------|------------|
| | Non-EU Exports | Non-EU Imports | Non-EU Balance | EU Exports | EU Imports | EU Balance |
| | LGEB | LGEU | CTVU | LGCN | LGDF | CTVT |
| 2020 | 163 946 | 214 212 | -50 266 | 152 320 | 234 654 | -82 334 |
| 2021 | 166 748 | 240 777 | -74 029 | 150 000 | 231 573 | -81 573 |
| 2022 | 188 936 | 246 790 | -57 854 | 158 492 | 274 635 | -116 143 |
| 2020 Q3 | 38 171 | 52 348 | -14 177 | 37 413 | 58 760 | -21 347 |
| Q4 | 40 585 | 62 807 | -22 222 | 41 356 | 69 398 | -28 042 |
| 2021 Q1 | 41 110 | 59 915 | -18 805 | 32 311 | 54 164 | -21 853 |
| Q2 | 43 723 | 59 330 | -15 607 | 38 965 | 57 448 | -18 483 |
| Q3 | 38 601 | 61 186 | -22 585 | 37 910 | 60 359 | -22 449 |
| Q4 | 43 314 | 60 346 | -17 032 | 40 814 | 59 602 | -18 788 |
| 2022 Q1 | 39 159 | 67 716 | -28 557 | 37 772 | 68 869 | -31 097 |
| Q2 | 40 941 | 61 584 | -20 643 | 39 838 | 70 726 | -30 888 |
| Q3 | 53 294 | 59 084 | -5 790 | 41 565 | 65 971 | -24 406 |
| Q4 | 55 542 | 58 406 | -2 864 | 39 317 | 69 069 | -29 752 |

K1 General government Final Consumption: Current Prices SA Summary by Function

£ million

| | Health | Education | Social Protection | Justice and Fire | Military Defence | Central Government Other | Local Government Other | Total |
|---------|---------|-----------|----------------------|------------------|------------------|-----------------------------|---------------------------|---------|
| | KSP4 | KSP3 | KSP7 | KSP6 | KSP5 | KSQ2 | KSQ3 | NMRP |
| 2020 | 196 184 | 76 972 | 50 137 | 10 755 | 43 169 | 51 095 | 46 802 | 475 114 |
| 2021 | 213 524 | 82 135 | 49 825 | 11 470 | 45 559 | 56 803 | 48 878 | 508 194 |
| 2022 | 211 141 | 84 656 | 50 379 | 12 174 | 48 131 | 64 333 | 53 676 | 524 490 |
| 2020 Q3 | 51 047 | 19 096 | 12 566 | 2 661 | 10 812 | 13 137 | 11 905 | 121 224 |
| Q4 | 52 522 | 19 880 | 12 952 | 2 715 | 10 900 | 12 685 | 12 046 | 123 700 |
| 2021 Q1 | 55 046 | 19 788 | 13 046 | 3 022 | 11 335 | 14 040 | 12 408 | 128 685 |
| Q2 | 52 950 | 20 627 | 12 146 | 2 719 | 11 553 | 13 889 | 11 973 | 125 857 |
| Q3 | 52 366 | 20 646 | 12 272 | 2 950 | 11 157 | 14 517 | 12 177 | 126 085 |
| Q4 | 53 162 | 21 074 | 12 361 | 2 779 | 11 514 | 14 357 | 12 320 | 127 567 |
| 2022 Q1 | 56 556 | 21 175 | 12 293 | 2 897 | 11 798 | 15 611 | 12 759 | 133 089 |
| Q2 | 50 351 | 20 847 | 12 542 | 3 023 | 11 775 | 15 811 | 13 387 | 127 736 |
| Q3 | 52 220 | 21 318 | 12 766 | 3 038 | 12 253 | 16 295 | 13 641 | 131 531 |
| Q4 | 52 014 | 21 316 | 12 778 | 3 216 | 12 305 | 16 616 | 13 889 | 132 134 |

K2 General government Final Consumption: Chained Volume Measures SA Summary by Function

£ million

| | Health | Education | Social Protection | Justice and Fire | Military Defence | Central Government Other | Local Government Other | Total |
|---------|---------|-----------|-------------------|------------------|------------------|--------------------------|------------------------|---------|
| | KSR6 | KSR5 | KSR9 | KSR8 | KSR7 | KSS4 | KSS5 | NMRY |
| 2020 | 142 939 | 58 522 | 47 412 | 9 257 | 42 513 | 48 917 | 44 900 | 394 460 |
| 2021 | 177 336 | 66 126 | 48 668 | 9 372 | 44 107 | 52 919 | 45 379 | 443 907 |
| 2022 | 170 811 | 71 366 | 49 248 | 9 922 | 44 361 | 57 923 | 48 375 | 452 006 |
| 2020 Q3 | 35 896 | 15 900 | 11 887 | 2 229 | 10 658 | 12 679 | 11 414 | 100 663 |
| Q4 | 39 242 | 17 049 | 11 952 | 2 280 | 10 660 | 11 980 | 11 367 | 104 530 |
| 2021 Q1 | 41 009 | 13 323 | 11 964 | 2 294 | 11 058 | 13 388 | 11 341 | 104 377 |
| Q2 | 44 692 | 17 527 | 12 094 | 2 364 | 11 272 | 13 026 | 11 417 | 112 392 |
| Q3 | 44 990 | 17 654 | 12 242 | 2 334 | 10 782 | 13 442 | 11 410 | 112 854 |
| Q4 | 46 645 | 17 622 | 12 368 | 2 380 | 10 995 | 13 063 | 11 211 | 114 284 |
| 2022 Q1 | 44 795 | 17 594 | 12 349 | 2 459 | 11 087 | 14 369 | 11 229 | 113 882 |
| Q2 | 41 840 | 17 878 | 12 317 | 2 417 | 10 972 | 14 202 | 12 324 | 111 950 |
| Q3 | 41 957 | 18 080 | 12 324 | 2 563 | 11 258 | 14 333 | 12 276 | 112 791 |
| Q4 | 42 219 | 17 814 | 12 258 | 2 483 | 11 044 | 15 019 | 12 546 | 113 383 |

Gross value added at basic prices: individual measures

| | £ million | | | | Index numbers (2019 = 100) ³ | | | | |
|--|---|----------------------------|-----------------------|-----------------------------|---|-----------------------|----------------------------|------------------------------------|-----------------------|
| | Expenditure-based estimate at chained volume measures | At current prices | | | Value indices at current prices | | Chained volume indices | | |
| | | Expenditure-based estimate | Income-based estimate | Residual error ¹ | Expenditure-based estimate | Income-based estimate | Expenditure-based estimate | Income-based estimate ² | Output-based estimate |
| | CAGR | CAGQ | CAGS | DJDS | IHYA | IHYB | IHYC | IHYD | YBFR |
| 2020 | 1 788 734 | 1 903 575 | 1 903 575 | – | 95.2 | 95.2 | 89.4 | 89.4 | 89.4 |
| 2021 | 1 930 605 | 2 034 323 | 2 042 031 | –7 708 | 101.7 | 102.1 | 96.5 | 96.9 | 96.1 |
| 2022 | 1 991 511 | 2 211 296 | 2 254 797 | –43 501 | 110.6 | 112.7 | 99.6 | 101.5 | 100.2 |
| Seasonally adjusted | | | | | | | | | |
| 2020 Q3 | 452 466 | 483 375 | 483 375 | – | 96.7 | 96.7 | 90.5 | 90.5 | 90.5 |
| Q4 | 458 818 | 484 671 | 484 671 | – | 96.9 | 96.9 | 91.8 | 91.8 | 91.8 |
| 2021 Q1 | 454 977 | 486 084 | 484 908 | 1 176 | 97.2 | 97.0 | 91.0 | 90.8 | 90.7 |
| Q2 | 485 023 | 505 317 | 505 596 | –279 | 101.1 | 101.1 | 97.0 | 97.0 | 96.3 |
| Q3 | 492 405 | 516 086 | 518 557 | –2 471 | 103.2 | 103.7 | 98.5 | 98.9 | 97.9 |
| Q4 | 498 200 | 526 836 | 532 970 | –6 134 | 105.4 | 106.6 | 99.6 | 100.8 | 99.4 |
| 2022 Q1 | 498 745 | 536 924 | 546 734 | –9 810 | 107.4 | 109.3 | 99.7 | 101.6 | 100.0 |
| Q2 | 497 624 | 546 318 | 557 364 | –11 046 | 109.3 | 111.5 | 99.5 | 101.5 | 100.3 |
| Q3 | 497 197 | 553 544 | 564 753 | –11 209 | 110.7 | 112.9 | 99.4 | 101.4 | 100.2 |
| Q4 | 497 945 | 574 510 | 585 946 | –11 436 | 114.9 | 117.2 | 99.6 | 101.6 | 100.3 |
| Percentage change, latest year on previous year | | | | | | | | | |
| | KH4D | KH47 | KH68 | | KH47 | KH68 | KH4D | KH6E | GDPQ |
| 2020 | –10.6 | –4.8 | –4.8 | | –4.8 | –4.8 | –10.6 | –10.6 | –10.6 |
| 2021 | 7.9 | 6.9 | 7.3 | | 6.9 | 7.3 | 7.9 | 8.3 | 7.4 |
| 2022 | 3.2 | 8.7 | 10.4 | | 8.7 | 10.4 | 3.2 | 4.8 | 4.3 |
| Percentage change, latest quarter on previous quarter | | | | | | | | | |
| | KH4F | KH49 | KH6A | | KH49 | KH6A | KH4F | KH6G | |
| 2020 Q3 | 16.8 | 11.6 | 11.6 | | 11.6 | 11.6 | 16.8 | 16.8 | 16.8 |
| Q4 | 1.4 | 0.3 | 0.3 | | 0.3 | 0.3 | 1.4 | 1.4 | 1.4 |
| 2021 Q1 | –0.8 | 0.3 | – | | 0.3 | – | –0.8 | –1.1 | –1.2 |
| Q2 | 6.6 | 4.0 | 4.3 | | 4.0 | 4.3 | 6.6 | 6.9 | 6.2 |
| Q3 | 1.5 | 2.1 | 2.6 | | 2.1 | 2.6 | 1.5 | 2.0 | 1.7 |
| Q4 | 1.2 | 2.1 | 2.8 | | 2.1 | 2.8 | 1.2 | 1.9 | 1.5 |
| 2022 Q1 | 0.1 | 1.9 | 2.6 | | 1.9 | 2.6 | 0.1 | 0.8 | 0.6 |
| Q2 | –0.2 | 1.7 | 1.9 | | 1.7 | 1.9 | –0.2 | – | 0.3 |
| Q3 | –0.1 | 1.3 | 1.3 | | 1.3 | 1.3 | –0.1 | –0.1 | –0.1 |
| Q4 | 0.2 | 3.8 | 3.8 | | 3.8 | 3.8 | 0.2 | 0.1 | 0.1 |
| Percentage change, latest quarter on corresponding quarter of previous year | | | | | | | | | |
| | KH4H | KH4B | KH6C | | KH4B | KH6C | KH4H | KH6I | GDPR |
| 2020 Q3 | –9.9 | –3.9 | –3.9 | | –3.9 | –3.9 | –9.9 | –9.9 | –9.9 |
| Q4 | –8.6 | –4.6 | –4.6 | | –4.6 | –4.6 | –8.6 | –8.6 | –8.6 |
| 2021 Q1 | –7.2 | –3.3 | –3.5 | | –3.3 | –3.5 | –7.2 | –7.4 | –7.5 |
| Q2 | 25.2 | 16.7 | 16.7 | | 16.7 | 16.7 | 25.2 | 25.3 | 24.3 |
| Q3 | 8.8 | 6.8 | 7.3 | | 6.8 | 7.3 | 8.8 | 9.4 | 8.2 |
| Q4 | 8.6 | 8.7 | 10.0 | | 8.7 | 10.0 | 8.6 | 9.9 | 8.3 |
| 2022 Q1 | 9.6 | 10.5 | 12.8 | | 10.5 | 12.8 | 9.6 | 11.9 | 10.3 |
| Q2 | 2.6 | 8.1 | 10.2 | | 8.1 | 10.2 | 2.6 | 4.6 | 4.1 |
| Q3 | 1.0 | 7.3 | 8.9 | | 7.3 | 8.9 | 1.0 | 2.5 | 2.3 |
| Q4 | –0.1 | 9.0 | 9.9 | | 9.0 | 9.9 | –0.1 | 0.8 | 0.9 |

1 The residual error is, by convention, the amount by which the expenditure-based approach to measuring GDP exceeds the income-based estimate. It is also the sum of two components: the statistical discrepancy (expenditure) with sign reversed, and the statistical discrepancy (income) with natural sign.

2 Income data deflated by the implied GDP deflator, based on expenditure data.

3 The growth rates of index numbers are calculated using unrounded data.

M Alignment adjustments¹

£ million

| | Changes in inventories | | Gross operating surplus of non-financial corporations at current prices |
|----------------------------|------------------------|---|---|
| | At current prices | Chained volume measures (Reference year 2019) | |
| Seasonally adjusted | | | |
| 2020 Q3 | DMUN 294 | DMUM 249 | DMUQ 2 011 |
| Q4 | 3 170 | 2 970 | -1 373 |
| 2021 Q1 | 1 299 | 1 217 | -1 793 |
| Q2 | -2 878 | -2 739 | 2 041 |
| Q3 | 1 475 | 1 411 | 615 |
| Q4 | 104 | 111 | -863 |
| 2022 Q1 | -2 806 | -2 554 | -2 826 |
| Q2 | 2 106 | 1 932 | -591 |
| Q3 | -3 002 | -2 635 | -3 143 |
| Q4 | 3 702 | 3 257 | 6 560 |

¹ Estimates are given to the nearest £ million but cannot be regarded as accurate to this degree.

N Selected financial year variables 1,2

£ millions except deflator index which is 2021/22 = 100

| | Current prices | | | | | Chained Volume Measures (reference year 2019) | | | | |
|--|---|---|-----------------------------------|--|--|---|-----------------------------------|--|--|--|
| | Gross domestic product at market prices | Gross domestic product at market prices non seasonally adjusted | Gross value added at basic prices | General government final consumption expenditure | General government gross fixed capital formation | Gross domestic product at market prices | Gross value added at basic prices | General government final consumption expenditure | General government gross fixed capital formation | Implied GDP deflator at market prices ^{3,4} |
| | YBHA | BKTL | ABML | NMRP | RPZG | ABMI | ABMM | NMRY | DLWF | L8GG |
| 2019/20 | 2 247 114 | 2 249 423 | 2 010 462 | 431 584 | 60 916 | 2 227 405 | 1 992 532 | 425 034 | 59 445 | 94.7596 |
| 2020/21 | 2 087 594 | 2 085 204 | 1 886 219 | 494 904 | 68 703 | 1 949 179 | 1 752 685 | 394 749 | 66 702 | 100.6972 |
| 2021/22 | 2 338 606 | 2 337 907 | 2 089 152 | 512 598 | 75 225 | 2 196 007 | 1 978 022 | 453 412 | 70 254 | 100.0000 |
| Seasonally adjusted | | | | | | | | | | |
| 2020 Q3 | 534 171 | 524 344 | 483 375 | 121 224 | 16 750 | 503 509 | 452 466 | 100 663 | 16 350 | 99.6398 |
| Q4 | 539 666 | 545 846 | 484 671 | 123 700 | 17 269 | 509 621 | 458 818 | 104 530 | 16 582 | 99.4575 |
| 2021 Q1 | 537 907 | 540 636 | 485 105 | 128 685 | 17 344 | 504 255 | 454 059 | 104 377 | 17 089 | 100.1883 |
| Q2 | 562 248 | 560 954 | 504 141 | 125 857 | 17 791 | 537 175 | 483 899 | 112 392 | 16 926 | 98.3042 |
| Q3 | 577 356 | 569 158 | 515 938 | 126 085 | 17 454 | 546 487 | 492 265 | 112 854 | 16 284 | 99.2256 |
| Q4 | 592 735 | 599 498 | 528 487 | 127 567 | 18 140 | 554 821 | 499 745 | 114 284 | 16 828 | 100.3385 |
| 2022 Q1 | 606 267 | 608 297 | 540 586 | 133 089 | 21 840 | 557 524 | 502 113 | 113 882 | 20 216 | 102.1317 |
| Q2 | 618 210 | 613 102 | 551 337 | 127 736 | 17 830 | 557 810 | 502 153 | 111 950 | 15 257 | 104.0902 |
| Q3 | 627 145 | 627 178 | 558 637 | 131 531 | 18 653 | 557 286 | 501 723 | 112 791 | 16 365 | 105.6939 |
| Q4 | 639 616 | 642 661 | 579 707 | 132 134 | 20 044 | 558 005 | 502 479 | 113 383 | 17 717 | 107.6567 |
| Percentage change, latest financial year on previous financial year | | | | | | | | | | |
| 2019/20 | 3.2 | 3.3 | 3.5 | 7.2 | 3.4 | 0.6 | 0.8 | 3.3 | -0.7 | 2.6 |
| 2020/21 | -7.1 | -7.3 | -6.2 | 14.7 | 12.8 | -12.5 | -12.0 | -7.1 | 12.2 | 6.3 |
| 2021/22 | 12.0 | 12.1 | 10.8 | 3.6 | 9.5 | 12.7 | 12.9 | 14.9 | 5.3 | -0.7 |
| Percentage change, latest quarter on previous quarter | | | | | | | | | | |
| | IHYN | A8L9 | KGL8 | KH2D | KH7P | IHYQ | KGM9 | KH2J | KH9C | L8GH |
| 2020 Q3 | 12.3 | 10.5 | 11.6 | -0.1 | -3.4 | 16.6 | 16.8 | 18.2 | -2.0 | -3.7 |
| Q4 | 1.0 | 4.1 | 0.3 | 2.0 | 3.1 | 1.2 | 1.4 | 3.8 | 1.4 | -0.2 |
| 2021 Q1 | -0.3 | -1.0 | 0.1 | 4.0 | 0.4 | -1.1 | -1.0 | -0.1 | 3.1 | 0.7 |
| Q2 | 4.5 | 3.8 | 3.9 | -2.2 | 2.6 | 6.5 | 6.6 | 7.7 | -1.0 | -1.9 |
| Q3 | 2.7 | 1.5 | 2.3 | 0.2 | -1.9 | 1.7 | 1.7 | 0.4 | -3.8 | 0.9 |
| Q4 | 2.7 | 5.3 | 2.4 | 1.2 | 3.9 | 1.5 | 1.5 | 1.3 | 3.3 | 1.1 |
| 2022 Q1 | 2.3 | 1.5 | 2.3 | 4.3 | 20.4 | 0.5 | 0.5 | -0.4 | 20.1 | 1.8 |
| Q2 | 2.0 | 0.8 | 2.0 | -4.0 | -18.4 | 0.1 | - | -1.7 | -24.5 | 1.9 |
| Q3 | 1.4 | 2.3 | 1.3 | 3.0 | 4.6 | -0.1 | -0.1 | 0.8 | 7.3 | 1.5 |
| Q4 | 2.0 | 2.5 | 3.8 | 0.5 | 7.5 | 0.1 | 0.2 | 0.5 | 8.3 | 1.9 |
| Percentage change, latest quarter on corresponding quarter of previous year | | | | | | | | | | |
| | IHYO | A8LA | KGM2 | KH2E | KH7R | IHYR | KGN3 | KH2K | KH9M | L8GI |
| 2020 Q3 | -5.2 | -6.0 | -3.9 | 12.7 | 7.8 | -10.3 | -9.9 | -5.5 | 7.1 | 5.8 |
| Q4 | -4.9 | -5.2 | -4.6 | 13.1 | 10.1 | -9.2 | -8.6 | -3.0 | 9.2 | 4.7 |
| 2021 Q1 | -3.9 | -4.3 | -3.5 | 18.2 | 18.6 | -7.7 | -7.4 | 0.3 | 21.0 | 4.1 |
| Q2 | 18.2 | 18.3 | 16.4 | 3.8 | 2.6 | 24.4 | 24.9 | 31.9 | 1.5 | -5.0 |
| Q3 | 8.1 | 8.5 | 6.7 | 4.0 | 4.2 | 8.5 | 8.8 | 12.1 | -0.4 | -0.4 |
| Q4 | 9.8 | 9.8 | 9.0 | 3.1 | 5.0 | 8.9 | 8.9 | 9.3 | 1.5 | 0.9 |
| 2022 Q1 | 12.7 | 12.5 | 11.4 | 3.4 | 25.9 | 10.6 | 10.6 | 9.1 | 18.3 | 1.9 |
| Q2 | 10.0 | 9.3 | 9.4 | 1.5 | 0.2 | 3.8 | 3.8 | -0.4 | -9.9 | 5.9 |
| Q3 | 8.6 | 10.2 | 8.3 | 4.3 | 6.9 | 2.0 | 1.9 | -0.1 | 0.5 | 6.5 |
| Q4 | 7.9 | 7.2 | 9.7 | 3.6 | 10.5 | 0.6 | 0.5 | -0.8 | 5.3 | 7.3 |

1 Financial year £ millions estimates are the sum of the 4 quarters which make up that financial year.

2 All data are seasonally adjusted unless otherwise specified.

3 Implied deflator is expressed in terms of 2021/2022 =100 for presentational

purposes, whereas in table A1 it is expressed as 2019 = 100.

4 Implied deflator is displayed with 4 decimal places to replace a GDP deflator in index form series previously calculated by HM Treasury. Data are only considered accurate to 1 decimal place.

O Selected implied deflators¹

2022 = 100

| | Implied deflators ² | | |
|--|--------------------------------|--|-----------------------------------|
| | Gross national expenditure | Gross domestic product at market prices ³ | Gross value added at basic prices |
| | MNE2 | MNF2 | MNX5 |
| 2020 | 93.5556 | 95.0545 | 96.0874 |
| 2021 | 93.7390 | 94.8720 | 94.9143 |
| 2022 | 100.0000 | 100.0000 | 100.0000 |
| Seasonally adjusted | | | |
| 2020 Q3 | 93.3102 | 94.9918 | 96.2075 |
| Q4 | 93.1279 | 94.8180 | 95.1300 |
| 2021 Q1 | 94.1637 | 95.5147 | 96.2131 |
| Q2 | 92.3135 | 93.7185 | 93.8227 |
| Q3 | 93.4957 | 94.5969 | 94.3864 |
| Q4 | 94.9832 | 95.6579 | 95.2350 |
| 2022 Q1 | 97.0669 | 97.3674 | 96.9559 |
| Q2 | 99.1506 | 99.2345 | 98.8762 |
| Q3 | 101.4714 | 100.7634 | 100.2713 |
| Q4 | 102.3111 | 102.6347 | 103.8966 |
| Percentage change, latest year on previous year | | | |
| | MNE3 | MNF3 | MNX6 |
| 2020 | 5.7 | 6.2 | 6.7 |
| 2021 | 0.2 | -0.2 | -1.2 |
| 2022 | 6.7 | 5.4 | 5.4 |
| Percentage change, latest quarter on previous quarter | | | |
| | MNE4 | MNF4 | MNX7 |
| 2020 Q3 | -4.4 | -3.7 | -4.4 |
| Q4 | -0.2 | -0.2 | -1.1 |
| 2021 Q1 | 1.1 | 0.7 | 1.1 |
| Q2 | -2.0 | -1.9 | -2.5 |
| Q3 | 1.3 | 0.9 | 0.6 |
| Q4 | 1.6 | 1.1 | 0.9 |
| 2022 Q1 | 2.2 | 1.8 | 1.8 |
| Q2 | 2.1 | 1.9 | 2.0 |
| Q3 | 2.3 | 1.5 | 1.4 |
| Q4 | 0.8 | 1.9 | 3.6 |
| Percentage change, latest quarter on corresponding quarter of previous year | | | |
| | MNE5 | MNF5 | MNX8 |
| 2020 Q3 | 4.9 | 5.8 | 6.6 |
| Q4 | 4.3 | 4.7 | 4.4 |
| 2021 Q1 | 4.4 | 4.1 | 4.2 |
| Q2 | -5.4 | -5.0 | -6.8 |
| Q3 | 0.2 | -0.4 | -1.9 |
| Q4 | 2.0 | 0.9 | 0.1 |
| 2022 Q1 | 3.1 | 1.9 | 0.8 |
| Q2 | 7.4 | 5.9 | 5.4 |
| Q3 | 8.5 | 6.5 | 6.2 |
| Q4 | 7.7 | 7.3 | 9.1 |

1 Implied deflator is expressed in terms of 2022 = 100, whereas in table A1 it is expressed as 2019 = 100. This deflator is calculated in a different way to the deflators in table A1 therefore there may be slight discrepancies, as such we recommend using the deflators in table A1 where possible.

2 Data are only considered accurate to 1 decimal place.

3 Implied deflator is displayed with 4 decimal places to replace a GDP deflator in index form series previously calculated by HM Treasury.

P GDP Per Head¹

£

| | UK resident population mid-year estimates (persons thousands) ² | Current Prices | | Chained volume measures (Reference year 2019) | |
|--|--|--|---------------------------------|--|---------------------------------|
| | | Gross domestic product at market prices ³ | Gross domestic product per head | Gross domestic product at market prices ³ | Gross domestic product per head |
| | EBAQ | YBHA | IHXT | ABMI | IHXW |
| 2020 | 67 081 | 2 109 594 | 31 448 | 1 991 439 | 29 687 |
| 2021 | 67 351 | 2 270 246 | 33 708 | 2 142 738 | 31 814 |
| 2022 | 67 791 | 2 491 238 | 36 749 | 2 230 625 | 32 904 |
| Seasonally adjusted | | | | | |
| 2020 Q3 | 67 148 | 534 171 | 7 955 | 503 509 | 7 498 |
| Q4 | 67 216 | 539 666 | 8 029 | 509 621 | 7 582 |
| 2021 Q1 | 67 283 | 537 907 | 7 995 | 504 255 | 7 495 |
| Q2 | 67 351 | 562 248 | 8 348 | 537 175 | 7 976 |
| Q3 | 67 412 | 577 356 | 8 565 | 546 487 | 8 107 |
| Q4 | 67 473 | 592 735 | 8 785 | 554 821 | 8 223 |
| 2022 Q1 | 67 681 | 606 267 | 8 958 | 557 524 | 8 238 |
| Q2 | 67 791 | 618 210 | 9 119 | 557 810 | 8 228 |
| Q3 | 67 874 | 627 145 | 9 240 | 557 286 | 8 211 |
| Q4 | 67 957 | 639 616 | 9 412 | 558 005 | 8 211 |
| Percentage change, latest year on previous year | | | | | |
| | | IHYM | N3Y3 | IHYP | N3Y6 |
| 2020 | | -5.8 | -6.2 | -11.0 | -11.4 |
| 2021 | | 7.6 | 7.2 | 7.6 | 7.2 |
| 2022 | | 9.7 | 9.0 | 4.1 | 3.4 |
| Percentage change, latest quarter on previous quarter | | | | | |
| | | IHYN | N3Y4 | IHYQ | N3Y7 |
| 2020 Q3 | | 12.3 | 12.1 | 16.6 | 16.5 |
| Q4 | | 1.0 | 0.9 | 1.2 | 1.1 |
| 2021 Q1 | | -0.3 | -0.4 | -1.1 | -1.1 |
| Q2 | | 4.5 | 4.4 | 6.5 | 6.4 |
| Q3 | | 2.7 | 2.6 | 1.7 | 1.6 |
| Q4 | | 2.7 | 2.6 | 1.5 | 1.4 |
| 2022 Q1 | | 2.3 | 2.0 | 0.5 | 0.2 |
| Q2 | | 2.0 | 1.8 | 0.1 | -0.1 |
| Q3 | | 1.4 | 1.3 | -0.1 | -0.2 |
| Q4 | | 2.0 | 1.9 | 0.1 | - |
| Percentage change, latest quarter on corresponding quarter of previous year | | | | | |
| | | IHYO | N3Y5 | IHYR | N3Y8 |
| 2020 Q3 | | -5.2 | -5.5 | -10.3 | -10.7 |
| Q4 | | -4.9 | -5.3 | -9.2 | -9.6 |
| 2021 Q1 | | -3.9 | -4.3 | -7.7 | -8.1 |
| Q2 | | 18.2 | 17.7 | 24.4 | 23.9 |
| Q3 | | 8.1 | 7.7 | 8.5 | 8.1 |
| Q4 | | 9.8 | 9.4 | 8.9 | 8.5 |
| 2022 Q1 | | 12.7 | 12.0 | 10.6 | 9.9 |
| Q2 | | 10.0 | 9.2 | 3.8 | 3.2 |
| Q3 | | 8.6 | 7.9 | 2.0 | 1.3 |
| Q4 | | 7.9 | 7.1 | 0.6 | -0.1 |

1 This data uses the latest population estimates with the exception of the latest year where population projections are used. The quarterly data in this table does not sum to annuals (excluding GDP at market prices)

2 In line with National accounts revision policy (<https://www.ons.gov.uk/methodology/methodologytopicsandstatisticalconcepts/revisions/revisionspoliciesforeconomicstatistics/nationalaccountsrevisionspolicyupdated-december2017>), 2022 now consistent with mid-year population projection as published on 27 January 2023 <https://www.ons.gov.uk/peoplepopulationandcommunity/populationandmigration/populationprojections/datasets/tablea11principalprojectionuksummary>. 2021 will be updated as part of the annual blue book process where earlier time periods are open to revision and published with the latest population estimate.

3 GDP is presented in £ million; also published in table A2

R Revisions Analysis¹

Revisions since previously published estimates

£ million

2022

Latest less previously published levels of GDP at current market prices

National accounts aggregates at current prices (Table A2)

| | | |
|---|------|--------|
| Gross domestic product at market prices | KB7D | 9 111 |
| less Basic price adjustment | KB7E | 10 419 |
| Gross value added at basic prices | KB7F | -1 308 |

Gross domestic product:

expenditure at current prices (Table C1)

| | | |
|--|------|--------|
| National expenditure on goods and services at market prices | | |
| Households | KB7K | 4 517 |
| Non-profit institutions serving households | KB7L | 110 |
| General government | KB7M | -447 |
| Gross fixed capital formation | KB7N | 4 842 |
| Changes in inventories | KB7O | 3 769 |
| Acquisitions less disposals of valuables | KB7P | -1 344 |
| Total | KB7Q | 11 447 |
| Total exports | KB7R | 1 886 |
| Total imports | KB7S | 3 856 |
| Statistical discrepancy (expenditure) | KB7T | -366 |

Gross domestic product:

income at current prices (Table D)

| | | |
|---|------|--------|
| Compensation of employees | KB7U | 3 096 |
| Gross operating surplus of corporations | KB7V | -9 830 |
| Other income | KB7W | 3 648 |
| Gross value added at factor cost | KB7X | -3 086 |
| Taxes on products & production less Subsidies | KB7Y | 10 055 |
| Statistical discrepancy (income) | KB7Z | 2 142 |

1 Estimates are given to the nearest £ million but cannot be regarded as accurate to this degree.

2022

Latest less previously published growth rates for GDP in chained volume terms

Percentage changes in volume of GDP (Table A2)

| | | |
|--|------|-----|
| Gross domestic product chained volume measures | | |
| Year on year growth | KB82 | 0.1 |

Percentage changes in volume

of GVA output components (Table B1)

| | | |
|---|------|------|
| GVA at basic prices | | |
| Agriculture, forestry and fishing | KB83 | - |
| Mining and quarrying inc oil & gas extraction | KB84 | 0.5 |
| Manufacturing | KB85 | 1.1 |
| Electricity, gas, steam and air | KB86 | -0.1 |
| Water supply, sewerage | KNT7 | - |
| Total Production | KB87 | 0.8 |
| Construction | KB88 | 0.6 |
| Distribution, hotels and restaurants | KB89 | -0.3 |
| Transport storage and communications | KB8A | 0.5 |
| Business services and finance | KB8B | -0.3 |
| Government and other services | KB8C | 0.1 |
| Total services | KB8D | - |
| Total GVA | KB8E | 0.1 |
| Total GVA excluding Oil | KB8F | 0.1 |

Percentage changes in volume

of GDP expenditure components (Table C2)

| | | |
|--|------|------|
| National expenditure on goods and services at market prices | | |
| Households | KB8G | - |
| Non-profit institutions serving households | KB8H | 5.2 |
| General government | KB8I | -0.1 |
| Gross fixed capital formation | KB8J | 0.9 |
| Total | KB8K | 0.4 |
| Total exports | KB8L | -0.4 |
| Total imports | KB8M | 0.7 |

R Revisions Analysis¹

Revisions since previously published estimates

continued

£ million

| | | 2022 Q1 | 2022 Q2 | 2022 Q3 | 2022 Q4 |
|---|------|------------|------------|------------|------------|
| Latest less previously published levels of GDP | | | | | |
| at current market prices | | | | | |
| National accounts aggregates | | | | | |
| at current prices (Table A2) | | | | | |
| Gross domestic product at market prices | KB7D | 726 | 1 953 | 1 062 | 5 370 |
| less Basic price adjustment | KB7E | 349 | 354 | 668 | 9 048 |
| Gross value added at basic prices | KB7F | 377 | 1 599 | 394 | -3 678 |
| Gross domestic product: | | | | | |
| expenditure at current prices (Table C1) | | | | | |
| National expenditure on goods and services | | | | | |
| at market prices | | | | | |
| Households | KB7K | 879 | 69 | -441 | 4 010 |
| Non-profit institutions serving households | KB7L | 2 | 1 | 21 | 86 |
| General government | KB7M | 152 | 179 | 316 | -1 094 |
| Gross fixed capital formation | KB7N | 1 422 | 465 | 505 | 2 450 |
| Changes in inventories | KB7O | -93 | 4 261 | 746 | -1 145 |
| Acquisitions less disposals of valuables | KB7P | -262 | -309 | -330 | -443 |
| Total | KB7Q | 2 100 | 4 666 | 816 | 3 865 |
| Total exports | KB7R | -568 | -1 227 | 1 506 | 2 175 |
| Total imports | KB7S | 471 | 1 469 | 1 236 | 680 |
| Statistical discrepancy (expenditure) | KB7T | -335 | -17 | -24 | 10 |
| Gross domestic product: | | | | | |
| income at current prices (Table D) | | | | | |
| Compensation of employees | KB7U | -321 | 384 | 736 | 2 297 |
| Gross operating surplus of corporations | KB7V | 601 | 752 | -1 083 | -10 100 |
| Other income | KB7W | -77 | -108 | 252 | 3 581 |
| Gross value added at factor cost | KB7X | 203 | 1 028 | -95 | -4 222 |
| Taxes on products & production less Subsidies | KB7Y | 352 | 269 | 483 | 8 951 |
| Statistical discrepancy (income) | KB7Z | 171 | 656 | 674 | 641 |

1 Estimates are given to the nearest £ million but cannot be regarded as accurate to this degree.

| | | 2022 Q1 | 2022 Q2 | 2022 Q3 | 2022 Q4 |
|---|------|------------|------------|------------|------------|
| Latest less previously published growth rates | | | | | |
| for GDP in chained volume terms | | | | | |
| Percentage changes in volume of GDP (Table A2) | | | | | |
| Gross domestic product chained volume measures | | | | | |
| Quarter on quarter growth | KB82 | - | - | 0.1 | 0.1 |
| Quarter on same quarter a year earlier | KB94 | 0.1 | -0.1 | 0.1 | 0.2 |
| Percentage changes in volume | | | | | |
| of GVA output components (Table B1) | | | | | |
| GVA at basic prices quarter on quarter growth | | | | | |
| Agriculture, forestry and fishing | KB83 | - | -0.1 | -0.1 | 0.1 |
| Mining and quarrying inc oil & gas extraction | KB84 | 0.9 | -0.4 | 0.2 | -0.8 |
| Manufacturing | KB85 | 0.2 | 0.4 | 1.0 | 0.5 |
| Electricity, gas, steam and air | KB86 | - | 0.1 | - | -0.8 |
| Water supply, sewerage | KNT7 | -0.2 | 0.2 | 0.2 | - |
| Total Production | KB87 | 0.2 | 0.3 | 0.8 | 0.2 |
| Construction | KB88 | -0.1 | 0.4 | 0.3 | 1.0 |
| Distribution, hotels and restaurants | KB89 | -0.1 | -0.1 | -0.2 | 0.2 |
| Transport storage and communications | KB8A | 0.3 | -0.1 | 0.2 | 0.8 |
| Business services and finance | KB8B | -0.2 | 0.1 | -0.1 | -0.1 |
| Government and other services | KB8C | -0.1 | 0.2 | 0.1 | -0.3 |
| Total services | KB8D | - | - | - | 0.1 |
| Total GVA | KB8E | 0.1 | -0.1 | 0.1 | 0.1 |
| Total GVA excluding Oil | KB8F | 0.1 | -0.1 | - | 0.1 |
| Percentage changes in volume of GDP | | | | | |
| expenditure components (Table C2) | | | | | |
| National expenditure on goods and services | | | | | |
| at market prices quarter on quarter growth | | | | | |
| Households | KB8G | 0.2 | -0.5 | 0.1 | 0.1 |
| Non-profit institutions serving households | KB8H | 4.1 | 0.2 | 0.9 | 0.8 |
| General government | KB8I | - | -0.2 | 0.3 | -0.3 |
| Gross fixed capital formation | KB8J | 2.2 | -1.7 | 0.8 | -1.2 |
| Total | KB8K | 0.6 | - | -0.2 | -0.3 |
| Total exports | KB8L | -0.7 | -0.1 | 1.1 | -0.4 |
| Total imports | KB8M | 0.9 | 0.3 | -0.2 | -1.7 |



Annex A - Growth and contributions to growth - output components of GDP^{1,2} Chained Volume Measures

Seasonally adjusted data

Reference year 2019

| | Agri- culture, forestry, and fishing | Total Production | Mining & quarrying inc oil & gas extract | Manu- facturing | Electric, gas, steam & air | Water supply, sewerage | Constr uction ³ | Total Services | Distrib- ution, hotels & restaurants | Transport storage and commu- nications | Business services and finance | Govern- ment and other services |
|--|--|---------------------|--|--------------------|-------------------------------------|------------------------------|-------------------------------|-------------------|---|--|--|--|
| Percentage change, latest year on previous year | | | | | | | | | | | | |
| Growth | | | | | | | | | | | | |
| | L3BB | L3BG | L3BH | L3BN | L3DM | L3DQ | L3DW | L3E2 | L3GP | KI8L | KI8N | KI8P |
| 2020 | -3.5 | 1.2 | -3.2 | 0.1 | 9.1 | 4.8 | -13.5 | -12.4 | -23.3 | -12.5 | -3.2 | -19.8 |
| 2021 | 5.8 | 7.3 | -11.7 | 9.7 | 5.1 | 7.8 | 13.1 | 7.0 | 8.7 | 7.4 | 4.8 | 10.3 |
| 2022 | 3.5 | -2.8 | 2.1 | -3.7 | -3.6 | 2.0 | 6.2 | 5.5 | 5.3 | 10.0 | 3.0 | 7.4 |
| Contributions to growth | | | | | | | | | | | | |
| | ZZ3V | ZZ3W | ZZ3Y | ZZ3X | ZZ3Z | ZZ42 | ZZ43 | ZZ44 | ZZ45 | ZZ46 | ZZ47 | ZZ48 |
| 2020 | -0.02 | 0.17 | -0.04 | 0.01 | 0.13 | 0.06 | -0.84 | -9.87 | -3.13 | -1.29 | -1.08 | -4.37 |
| 2021 | 0.04 | 0.97 | -0.09 | 0.93 | 0.08 | 0.10 | 0.74 | 5.64 | 1.06 | 0.74 | 1.83 | 2.29 |
| 2022 | 0.03 | -0.39 | 0.02 | -0.37 | -0.06 | 0.03 | 0.38 | 4.56 | 0.72 | 1.04 | 1.23 | 1.80 |
| Percentage change, latest quarter on previous quarter | | | | | | | | | | | | |
| Growth | | | | | | | | | | | | |
| | L3BB | L3BG | L3BH | L3BN | L3DM | L3DQ | L3DW | L3E2 | L3GP | KI8L | KI8N | KI8P |
| 2020 Q2 | -11.3 | -13.5 | 2.6 | -18.0 | -3.6 | -4.0 | -35.4 | -21.2 | -36.9 | -19.6 | -8.3 | -34.1 |
| Q3 | 5.2 | 18.1 | -2.9 | 24.3 | 9.8 | 6.1 | 41.9 | 15.0 | 47.4 | 14.3 | 3.3 | 24.4 |
| Q4 | 0.5 | 4.1 | -1.8 | 5.9 | -1.8 | 2.3 | 5.1 | 0.6 | -9.2 | 2.3 | 2.0 | 3.2 |
| 2021 Q1 | 2.1 | - | -4.9 | -0.7 | 5.2 | 2.7 | 1.1 | -1.7 | -7.8 | -0.1 | 2.1 | -5.5 |
| Q2 | 2.3 | 0.3 | -18.8 | 1.3 | 4.4 | 0.5 | 3.8 | 7.7 | 22.0 | 3.7 | 1.2 | 14.8 |
| Q3 | 3.7 | -0.4 | 24.4 | -0.9 | -9.5 | 0.9 | -1.6 | 2.4 | 4.9 | 2.0 | 0.9 | 3.9 |
| Q4 | 0.2 | -1.4 | -3.4 | -1.3 | -3.5 | 2.0 | 1.4 | 2.1 | -1.8 | 3.6 | 1.7 | 4.4 |
| 2022 Q1 | 0.6 | -0.1 | 2.8 | -1.1 | 4.1 | 0.7 | 2.9 | 0.5 | -0.3 | 4.1 | 0.3 | -0.9 |
| Q2 | 0.6 | -0.9 | -3.0 | -1.0 | 0.3 | 0.2 | 1.9 | 0.4 | 0.5 | 0.6 | 0.9 | -0.6 |
| Q3 | -0.1 | -1.8 | -1.1 | -1.9 | -1.5 | -2.1 | 0.6 | 0.2 | -0.9 | 1.1 | - | 0.6 |
| Q4 | -0.5 | - | -2.4 | 0.5 | -2.1 | 0.7 | 1.3 | 0.1 | 0.3 | -0.2 | 0.3 | -0.4 |
| Contributions to growth | | | | | | | | | | | | |
| | ZZ2F | ZZ2G | ZZ2I | ZZ2H | ZZ2J | ZZ2K | ZZ2L | ZZ2M | ZZ2N | ZZ2O | ZZ2P | ZZ2Q |
| 2020 Q2 | -0.08 | -1.91 | 0.03 | -1.83 | -0.06 | -0.05 | -2.21 | -16.76 | -4.55 | -1.96 | -2.68 | -7.37 |
| Q3 | 0.04 | 2.81 | -0.04 | 2.56 | 0.19 | 0.10 | 2.14 | 11.81 | 4.65 | 1.44 | 1.32 | 4.38 |
| Q4 | - | 0.64 | -0.02 | 0.66 | -0.03 | 0.03 | 0.32 | 0.45 | -1.14 | 0.24 | 0.72 | 0.62 |
| 2021 Q1 | 0.01 | - | -0.04 | -0.07 | 0.08 | 0.03 | 0.06 | -1.32 | -0.95 | -0.01 | 0.67 | -1.34 |
| Q2 | 0.02 | 0.04 | -0.13 | 0.14 | 0.07 | 0.01 | 0.23 | 6.05 | 2.45 | 0.37 | 0.53 | 3.24 |
| Q3 | 0.03 | -0.05 | 0.13 | -0.09 | -0.15 | 0.01 | -0.09 | 1.91 | 0.61 | 0.20 | 0.38 | 0.92 |
| Q4 | - | -0.17 | -0.02 | -0.12 | -0.05 | 0.02 | 0.08 | 1.68 | -0.24 | 0.34 | 0.60 | 1.07 |
| 2022 Q1 | - | -0.02 | 0.02 | -0.11 | 0.06 | 0.01 | 0.17 | 0.41 | -0.03 | 0.45 | 0.16 | -0.18 |
| Q2 | - | -0.11 | -0.03 | -0.09 | 0.01 | - | 0.11 | 0.32 | 0.09 | 0.08 | 0.28 | -0.18 |
| Q3 | - | -0.24 | -0.01 | -0.18 | -0.02 | -0.03 | 0.03 | 0.14 | -0.14 | 0.11 | 0.03 | 0.16 |
| Q4 | - | 0.01 | -0.02 | 0.05 | -0.03 | 0.01 | 0.08 | 0.06 | 0.05 | -0.02 | 0.13 | -0.08 |
| Percentage change, latest quarter on corresponding quarter of previous year | | | | | | | | | | | | |
| Growth | | | | | | | | | | | | |
| | L3ZZ | L426 | L427 | L42D | L44C | L44G | L44M | L44Q | L47F | KII2 | KIH9 | KIH8 |
| 2020 Q2 | -7.0 | -10.4 | 0.4 | -15.1 | 4.5 | -0.3 | -36.4 | -23.3 | -43.7 | -23.6 | -6.5 | -36.2 |
| Q3 | -5.8 | 4.7 | -2.0 | 4.2 | 12.1 | 5.8 | -10.4 | -12.4 | -16.4 | -12.6 | -4.8 | -21.3 |
| Q4 | -6.8 | 7.3 | 0.4 | 9.0 | 1.0 | 8.3 | -5.2 | -11.7 | -22.4 | -9.4 | -3.2 | -19.3 |
| 2021 Q1 | -4.1 | 6.3 | -7.0 | 7.1 | 9.4 | 6.9 | -2.6 | -10.4 | -22.1 | -6.1 | -1.4 | -20.0 |
| Q2 | 10.5 | 23.3 | -26.4 | 32.4 | 18.5 | 11.9 | 56.5 | 22.5 | 50.5 | 21.1 | 8.9 | 39.4 |
| Q3 | 8.9 | 3.9 | -5.7 | 5.6 | -2.3 | 6.4 | 8.5 | 9.1 | 7.1 | 8.1 | 6.3 | 16.3 |
| Q4 | 8.6 | -1.5 | -7.2 | -1.5 | -4.1 | 6.2 | 4.7 | 10.7 | 15.8 | 9.5 | 6.0 | 17.7 |
| 2022 Q1 | 7.0 | -1.6 | 0.3 | -2.0 | -5.0 | 4.1 | 6.6 | 13.1 | 25.2 | 14.1 | 4.1 | 23.3 |
| Q2 | 5.2 | -2.7 | 19.8 | -4.2 | -8.7 | 3.8 | 4.6 | 5.5 | 3.2 | 10.7 | 3.8 | 6.8 |
| Q3 | 1.4 | -4.1 | -4.8 | -5.2 | -0.7 | 0.7 | 6.9 | 3.2 | -2.5 | 9.7 | 2.9 | 3.5 |
| Q4 | 0.6 | -2.7 | -3.8 | -3.5 | 0.8 | -0.5 | 6.8 | 1.1 | -0.4 | 5.7 | 1.5 | -1.2 |
| Contributions to growth | | | | | | | | | | | | |
| | ZZ36 | ZZ37 | ZZ39 | ZZ38 | ZZ3A | ZZ3B | ZZ3C | ZZ3D | ZZ3E | ZZ3F | ZZ3G | ZZ3H |
| 2020 Q2 | -0.05 | -1.39 | - | -1.46 | 0.07 | - | -2.27 | -18.53 | -5.94 | -2.45 | -2.14 | -7.95 |
| Q3 | -0.04 | 0.64 | -0.02 | 0.41 | 0.18 | 0.07 | -0.65 | -9.84 | -2.19 | -1.30 | -1.58 | -4.72 |
| Q4 | -0.05 | 1.00 | - | 0.88 | 0.02 | 0.10 | -0.32 | -9.26 | -2.93 | -0.95 | -1.02 | -4.29 |
| 2021 Q1 | -0.03 | 0.77 | -0.05 | 0.64 | 0.13 | 0.08 | -0.15 | -8.47 | -2.95 | -0.60 | -0.31 | -5.19 |
| Q2 | 0.08 | 3.11 | -0.24 | 3.03 | 0.31 | 0.17 | 2.68 | 18.27 | 5.32 | 2.12 | 3.48 | 8.21 |
| Q3 | 0.06 | 0.53 | -0.04 | 0.56 | -0.04 | 0.08 | 0.49 | 7.24 | 0.93 | 0.82 | 2.31 | 3.60 |
| Q4 | 0.06 | -0.21 | -0.05 | -0.16 | -0.06 | 0.08 | 0.28 | 8.48 | 1.86 | 0.94 | 2.23 | 3.98 |
| 2022 Q1 | 0.06 | -0.24 | - | -0.21 | -0.09 | 0.06 | 0.42 | 10.72 | 3.01 | 1.48 | 1.82 | 5.25 |
| Q2 | 0.04 | -0.38 | 0.15 | -0.42 | -0.16 | 0.05 | 0.29 | 4.50 | 0.45 | 1.11 | 1.48 | 1.66 |
| Q3 | 0.01 | -0.56 | -0.04 | -0.51 | -0.01 | 0.01 | 0.41 | 2.63 | -0.34 | 0.99 | 1.09 | 0.88 |
| Q4 | 0.01 | -0.36 | -0.03 | -0.33 | 0.01 | -0.01 | 0.40 | 0.93 | -0.03 | 0.61 | 0.59 | -0.27 |

1 Estimates are accurate to 1 decimal place and contributions are available from 1997. Output data are available from 1990 in table B1

2 Contributions are to output gross value added and therefore may not sum to the percentage change in average GDP. More information on the difference between the 3 measures can be found in the Short Guide to National Accounts

3 For the most accurate figures on construction, please refer to the Construction output in Great Britain release

AB Annex B - Growth and contributions to growth - expenditure components of GDP^{1,2}

Chained Volume Measures

Seasonally adjusted data

Reference year 2019

| | Final consumption expenditure | | | | | | | | Net trade |
|--|-------------------------------|--------------------------------------|--------------------|-------------------------|-------------------------------|---------------------|---------------|--------------------|-----------|
| | Households | Non-profit institutions ³ | General government | Gross capital formation | Gross fixed capital formation | Business investment | Total exports | less Total imports | |
| Percentage change, latest year on previous year | | | | | | | | | |
| Growth | | | | | | | | | |
| | KGZ5 | KH26 | KH2I | ZZ6H | KG7N | KG7M | KH2U | KH3N | |
| 2020 | -12.9 | -19.2 | -7.3 | -14.6 | -10.5 | -11.9 | -12.1 | -16.0 | |
| 2021 | 6.3 | 5.2 | 12.5 | 14.0 | 6.1 | 0.9 | 2.2 | 6.2 | |
| 2022 | 5.3 | 14.1 | 1.8 | 3.3 | 8.6 | 10.8 | 9.9 | 13.3 | |
| Contributions to growth | | | | | | | | | |
| | ZZ6M | ZZ6N | ZZ6O | ZZ6P | ZZ6Q | ZZ6R | ZZ6S | ZZ6T | ZZ6U |
| 2020 | -8.02 | -0.45 | -1.39 | -2.67 | -1.89 | -1.19 | -3.78 | -5.28 | 1.50 |
| 2021 | 3.62 | 0.12 | 2.82 | 2.41 | 1.06 | 0.09 | 0.66 | 1.79 | -1.13 |
| 2022 | 3.08 | 0.31 | 0.41 | 0.60 | 1.49 | 0.98 | 2.85 | 3.99 | -1.14 |
| Percentage change, latest quarter on previous quarter | | | | | | | | | |
| Growth | | | | | | | | | |
| | KGZ6 | KH27 | KH2J | ZZ5H | KG7Q | KG7P | KH2V | KH3O | |
| 2020 Q2 | -22.9 | -27.4 | -18.2 | -36.5 | -18.6 | -20.8 | -12.6 | -23.8 | |
| Q3 | 19.1 | 18.3 | 18.2 | 46.5 | 15.7 | 11.0 | -0.3 | 17.4 | |
| Q4 | -1.5 | 2.9 | 3.8 | 23.1 | 3.2 | 2.8 | 6.0 | 15.0 | |
| 2021 Q1 | -3.4 | -9.0 | -0.1 | -3.4 | -1.6 | -5.2 | -4.2 | -10.0 | |
| Q2 | 10.2 | 16.0 | 7.7 | -10.6 | 4.0 | 6.4 | 6.4 | 3.1 | |
| Q3 | 2.9 | 2.3 | 0.4 | 12.3 | 0.9 | 2.2 | -3.9 | 4.4 | |
| Q4 | 0.2 | 0.6 | 1.3 | -7.8 | -0.4 | -2.7 | 12.8 | 4.1 | |
| 2022 Q1 | 1.2 | 5.7 | -0.4 | 24.2 | 8.6 | 8.2 | -7.3 | 8.2 | |
| Q2 | 0.2 | 2.5 | -1.7 | -5.9 | -2.3 | 2.5 | 5.1 | 0.5 | |
| Q3 | -0.3 | 1.2 | 0.8 | -21.1 | 1.1 | 0.1 | 10.5 | -3.1 | |
| Q4 | 0.2 | 0.6 | 0.5 | 1.6 | 0.3 | -0.2 | -1.4 | -0.2 | |
| Contributions to growth | | | | | | | | | |
| | ZZ5M | ZZ5N | ZZ5O | ZZ5P | ZZ5Q | ZZ5R | ZZ5S | ZZ5T | ZZ5U |
| 2020 Q2 | -14.08 | -0.61 | -3.46 | -6.29 | -3.30 | -2.10 | -3.87 | -7.32 | 3.45 |
| Q3 | 11.47 | 0.37 | 3.59 | 6.44 | 2.87 | 1.12 | -0.11 | 5.15 | -5.26 |
| Q4 | -0.91 | 0.06 | 0.77 | 4.01 | 0.59 | 0.27 | 1.75 | 4.46 | -2.71 |
| 2021 Q1 | -1.92 | -0.21 | -0.03 | -0.71 | -0.29 | -0.49 | -1.21 | -3.14 | 1.93 |
| Q2 | 5.62 | 0.34 | 1.81 | -2.15 | 0.71 | 0.57 | 1.78 | 0.88 | 0.90 |
| Q3 | 1.65 | 0.05 | 0.10 | 2.10 | 0.16 | 0.20 | -1.09 | 1.22 | -2.31 |
| Q4 | 0.12 | 0.01 | 0.30 | -1.47 | -0.07 | -0.25 | 3.37 | 1.16 | 2.20 |
| 2022 Q1 | 0.72 | 0.13 | -0.08 | 4.13 | 1.45 | 0.72 | -2.21 | 2.52 | -4.73 |
| Q2 | 0.13 | 0.06 | -0.37 | -1.26 | -0.42 | 0.24 | 1.43 | 0.17 | 1.26 |
| Q3 | -0.18 | 0.03 | 0.16 | -4.20 | 0.20 | 0.01 | 3.08 | -1.03 | 4.11 |
| Q4 | 0.13 | 0.01 | 0.11 | 0.26 | 0.05 | -0.02 | -0.45 | -0.06 | -0.38 |
| Percentage change, latest quarter on corresponding quarter of previous year | | | | | | | | | |
| Growth | | | | | | | | | |
| | KGZ7 | KH28 | KH2K | ZZ5Y | KG7T | KG7S | KH2W | KH3P | |
| 2020 Q2 | -25.5 | -33.0 | -20.2 | -41.7 | -21.2 | -21.4 | -12.6 | -29.1 | |
| Q3 | -11.1 | -20.6 | -5.5 | -11.6 | -10.3 | -13.7 | -17.6 | -17.5 | |
| Q4 | -12.2 | -14.5 | -3.0 | 23.5 | -6.5 | -12.0 | -16.0 | -2.5 | |
| 2021 Q1 | -12.6 | -19.6 | 0.3 | 10.6 | -4.4 | -14.2 | -11.5 | -7.4 | |
| Q2 | 24.9 | 28.4 | 31.9 | 55.7 | 22.3 | 15.1 | 7.7 | 25.3 | |
| Q3 | 7.9 | 11.1 | 12.1 | 19.4 | 6.6 | 6.0 | 3.8 | 11.4 | |
| Q4 | 9.7 | 8.7 | 9.3 | -10.6 | 2.8 | 0.3 | 10.5 | 0.8 | |
| 2022 Q1 | 15.0 | 26.3 | 9.1 | 14.9 | 13.5 | 14.5 | 6.9 | 21.2 | |
| Q2 | 4.6 | 11.5 | -0.4 | 20.9 | 6.6 | 10.3 | 5.6 | 18.2 | |
| Q3 | 1.3 | 10.2 | -0.1 | -15.1 | 6.8 | 8.0 | 21.5 | 9.7 | |
| Q4 | 1.4 | 10.2 | -0.8 | -6.4 | 7.6 | 10.8 | 6.2 | 5.2 | |
| Contributions to growth | | | | | | | | | |
| | ZZ65 | ZZ66 | ZZ67 | ZZ68 | ZZ69 | ZZ6A | ZZ6B | ZZ6C | ZZ6D |
| 2020 Q2 | -15.93 | -0.78 | -3.85 | -7.65 | -3.79 | -2.13 | -3.78 | -9.37 | 5.59 |
| Q3 | -6.84 | -0.48 | -1.05 | -2.05 | -1.86 | -1.38 | -5.57 | -5.67 | 0.09 |
| Q4 | -7.50 | -0.33 | -0.57 | 3.65 | -1.16 | -1.21 | -5.24 | -0.77 | -4.46 |
| 2021 Q1 | -7.36 | -0.47 | 0.06 | 1.79 | -0.74 | -1.38 | -3.34 | -2.12 | -1.22 |
| Q2 | 14.16 | 0.63 | 7.17 | 7.59 | 3.89 | 1.47 | 2.48 | 6.96 | -4.48 |
| Q3 | 4.58 | 0.25 | 2.75 | 3.31 | 1.14 | 0.56 | 1.05 | 3.15 | -2.10 |
| Q4 | 5.51 | 0.20 | 2.18 | -2.20 | 0.50 | 0.03 | 3.01 | 0.26 | 2.75 |
| 2022 Q1 | 8.50 | 0.53 | 2.04 | 3.04 | 2.41 | 1.32 | 1.99 | 6.40 | -4.41 |
| Q2 | 2.70 | 0.25 | -0.09 | 3.57 | 1.15 | 0.94 | 1.62 | 5.32 | -3.70 |
| Q3 | 0.79 | 0.23 | -0.01 | -2.84 | 1.18 | 0.73 | 5.85 | 2.91 | 2.93 |
| Q4 | 0.79 | 0.22 | -0.18 | -1.09 | 1.28 | 0.95 | 1.87 | 1.59 | 0.28 |

1 Estimates are accurate to 1 decimal place and contributions are available from 1997. Expenditure data are available from 1948 annually and 1955 quarterly in table C2

2 This table does not include the contribution from the statistical discrepancy and components may not sum to the percentage change in average GDP. Chained volume measure data for this component are available in table C2

3 Non-profit institutions serving households

AC Annex C - Growth and contributions to growth - income components of GDP^{1,2}

Current Prices

Seasonally adjusted data

| | Compen- sation of employees | Gross operating surplus of corporations ³ | Other income ⁴ | Taxes on products & production less subsidies |
|--|-----------------------------------|--|---------------------------|---|
| Percentage change, latest year on previous year | | | | |
| Growth | | | | |
| | KG13 | KH4V | KH6T | KH65 |
| 2020 | 0.4 | -0.1 | - | -50.1 |
| 2021 | 6.0 | 2.9 | 3.0 | 58.3 |
| 2022 | 7.5 | 8.4 | 8.4 | 35.1 |
| Contributions to growth | | | | |
| | ZZ7H | ZZ7I | ZZ7J | ZZ7K |
| 2020 | 0.21 | -0.02 | - | -5.99 |
| 2021 | 3.11 | 0.67 | 0.57 | 3.64 |
| 2022 | 3.82 | 1.84 | 1.52 | 3.22 |
| Percentage change, latest quarter on previous quarter | | | | |
| Growth | | | | |
| | KG14 | KH4W | KH6U | KH66 |
| 2020 Q2 | -3.2 | -6.7 | -0.8 | -106.9 |
| Q3 | 2.5 | 11.1 | 0.4 | -904.0 |
| Q4 | 2.6 | -6.2 | 0.8 | 16.3 |
| 2021 Q1 | - | 0.8 | 1.4 | -10.9 |
| Q2 | 2.8 | 5.5 | 0.5 | 31.4 |
| Q3 | 2.0 | -1.9 | 0.6 | 25.9 |
| Q4 | 1.7 | 1.3 | 1.6 | 15.2 |
| 2022 Q1 | 2.1 | 2.7 | 3.2 | 3.2 |
| Q2 | 1.4 | 2.8 | 1.3 | 3.4 |
| Q3 | 1.6 | -0.3 | 2.6 | 2.3 |
| Q4 | 1.6 | 8.5 | 3.9 | -10.9 |
| Contributions to growth | | | | |
| | ZZ6Z | ZZ72 | ZZ73 | ZZ74 |
| 2020 Q2 | -1.55 | -1.45 | -0.14 | -11.85 |
| Q3 | 1.39 | 2.68 | 0.08 | 8.15 |
| Q4 | 1.27 | -1.44 | 0.14 | 1.02 |
| 2021 Q1 | 0.01 | 0.16 | 0.23 | -0.74 |
| Q2 | 1.43 | 1.22 | 0.09 | 2.07 |
| Q3 | 1.05 | -0.42 | 0.12 | 2.17 |
| Q4 | 0.88 | 0.29 | 0.29 | 1.57 |
| 2022 Q1 | 1.06 | 0.57 | 0.58 | 0.37 |
| Q2 | 0.73 | 0.61 | 0.24 | 0.40 |
| Q3 | 0.76 | -0.05 | 0.45 | 0.26 |
| Q4 | 0.80 | 1.82 | 0.71 | -1.30 |
| Percentage change, latest quarter on corresponding quarter of previous year | | | | |
| Growth | | | | |
| | KG15 | KH4X | KH6V | KH67 |
| 2020 Q2 | -2.6 | -2.2 | -0.5 | -106.5 |
| Q3 | -0.5 | 3.7 | - | -48.4 |
| Q4 | 2.5 | -6.1 | -0.6 | -39.9 |
| 2021 Q1 | 1.8 | -1.9 | 1.7 | -42.7 |
| Q2 | 8.0 | 10.8 | 3.0 | -1 195.0 |
| Q3 | 7.6 | -2.1 | 3.3 | 71.5 |
| Q4 | 6.7 | 5.8 | 4.1 | 69.8 |
| 2022 Q1 | 8.9 | 7.7 | 6.0 | 96.8 |
| Q2 | 7.4 | 5.0 | 7.0 | 54.8 |
| Q3 | 7.0 | 6.7 | 9.1 | 25.8 |
| Q4 | 6.8 | 14.3 | 11.6 | -2.7 |
| Contributions to growth | | | | |
| | ZZ79 | ZZ7A | ZZ7B | ZZ7C |
| 2020 Q2 | -1.27 | -0.47 | -0.08 | -12.68 |
| Q3 | -0.24 | 0.81 | 0.01 | -5.78 |
| Q4 | 1.19 | -1.34 | -0.11 | -4.63 |
| 2021 Q1 | 0.88 | -0.42 | 0.31 | -4.70 |
| Q2 | 4.51 | 2.61 | 0.63 | 10.76 |
| Q3 | 3.87 | -0.50 | 0.61 | 4.61 |
| Q4 | 3.44 | 1.27 | 0.76 | 5.15 |
| 2022 Q1 | 4.61 | 1.73 | 1.14 | 6.40 |
| Q2 | 3.83 | 1.13 | 1.27 | 4.59 |
| Q3 | 3.53 | 1.44 | 1.61 | 2.62 |
| Q4 | 3.44 | 3.03 | 2.04 | -0.31 |

1 Estimates are accurate to 1 decimal place and contributions are available from 1997. Income data are available from 1948 annually and 1955 quarterly in table D

2 This table does not include the contribution from the statistical discrepancy and components may not sum to the percentage change in average GDP. Current price data for this component are available in table D

3 Includes the operating surplus of financial corporations, private non-financial corporations and public corporations

4 Includes mixed income and the operating surplus of the non-corporate sector

AD Annex D - Implied GDP deflator growths- Expenditure components of GDP¹

Seasonally adjusted data

Reference year 2019

| | Final consumption expenditure | | | | | | less Total imports |
|--|-------------------------------|---|----------------------------|-------------------------------|----------------------------------|------------------|--------------------------|
| | House- holds | Non-prof- it instit- utions ² | General govern- ment | Gross capital formation | Gross fixed capital formation | Total exports | |
| Percentage change, latest year on previous year | | | | | | | |
| | ZZ93 | ZZ94 | ZZ95 | ZZ96 | ZZ97 | ZZ98 | ZZ99 |
| 2020 | 0.5 | 14.4 | 20.4 | 4.2 | 1.4 | 0.3 | -1.4 |
| 2021 | 2.8 | -3.4 | -5.0 | 0.1 | 1.4 | 3.8 | 5.5 |
| 2022 | 8.5 | -6.8 | 1.4 | 9.0 | 5.8 | 13.4 | 16.7 |
| Percentage change, latest quarter on previous quarter | | | | | | | |
| | ZZ8N | ZZ8O | ZZ8P | ZZ8Q | ZZ8R | ZZ8S | ZZ8T |
| 2020 Q2 | -0.2 | 20.6 | 36.1 | 1.8 | 0.5 | -1.5 | -1.1 |
| Q3 | 0.6 | -13.5 | -15.4 | -1.8 | -0.7 | 1.0 | 0.3 |
| Q4 | - | -1.5 | -1.7 | 0.6 | -0.1 | 0.7 | 1.3 |
| 2021 Q1 | 0.8 | 7.3 | 4.2 | -2.6 | -0.2 | 0.8 | 1.7 |
| Q2 | 0.7 | -9.9 | -9.2 | -0.2 | 0.5 | 1.0 | 0.5 |
| Q3 | 1.3 | 0.8 | -0.2 | 3.5 | 2.6 | 1.1 | 2.4 |
| Q4 | 1.6 | 1.0 | -0.1 | 3.7 | 0.5 | 3.5 | 4.8 |
| 2022 Q1 | 2.0 | -4.9 | 4.7 | 0.9 | 1.2 | 3.6 | 4.4 |
| Q2 | 3.5 | -1.4 | -2.4 | 3.4 | 2.6 | 5.1 | 5.3 |
| Q3 | 2.1 | 0.3 | 2.2 | 3.9 | 1.1 | 3.2 | 6.0 |
| Q4 | 2.3 | 0.3 | -0.1 | -3.2 | 0.7 | 1.2 | -1.6 |
| Percentage change, latest quarter on corresponding quarter of previous year | | | | | | | |
| | ZZ8U | ZZ8V | ZZ8W | ZZ8X | ZZ8Y | ZZ8Z | ZZ92 |
| 2020 Q2 | 0.4 | 29.3 | 43.6 | 5.9 | 2.0 | -1.0 | -2.2 |
| Q3 | 0.5 | 12.0 | 19.3 | 2.8 | 0.8 | -0.7 | -3.4 |
| Q4 | 0.2 | 8.7 | 16.5 | 3.4 | 0.2 | 0.8 | 0.1 |
| 2021 Q1 | 1.4 | 10.3 | 17.8 | -2.0 | -0.5 | 1.0 | 2.2 |
| Q2 | 2.2 | -17.6 | -21.4 | -3.9 | -0.4 | 3.6 | 3.8 |
| Q3 | 2.9 | -3.9 | -7.2 | 1.3 | 2.8 | 3.6 | 6.0 |
| Q4 | 4.4 | -1.4 | -5.7 | 4.5 | 3.4 | 6.5 | 9.7 |
| 2022 Q1 | 5.6 | -12.7 | -5.2 | 8.2 | 4.9 | 9.4 | 12.6 |
| Q2 | 8.6 | -4.5 | 1.9 | 12.0 | 7.1 | 13.8 | 18.1 |
| Q3 | 9.5 | -5.0 | 4.4 | 12.4 | 5.6 | 16.2 | 22.2 |
| Q4 | 10.3 | -5.7 | 4.4 | 4.9 | 5.7 | 13.6 | 14.7 |

1 Estimates are accurate to 1 decimal place and are available from 1997.
Current price and chained volume measure data are available from 1948
annually and 1955 quarterly in tables C1 and C2 respectively

2 Non-profit institutions serving households

AE Annex E - Output components of GDP- growths and revisions from previous estimate^{1,2}, Chained Volume Measures

Seasonally adjusted data

Reference year 2019

| | Agri- culture, forestry, and fishing | Total Production | Mining & quarrying & gas extract | Manu- facturing | Electric, gas, steam & air | Water supply, sewerage | Constr- uction | Total Services | Distri- bution, hotels & restaurants | Transport, storage and commu- nications | Business services and finance | Govern- ment & other services |
|--|--|---------------------|---|--------------------|-------------------------------------|------------------------------|-------------------|-------------------|---|---|--|--|
| Percentage change, latest year on previous year | | | | | | | | | | | | |
| Current estimates³ | | | | | | | | | | | | |
| | L3BB | L3BG | L3BH | L3BN | L3DM | L3DQ | L3DW | L3E2 | L3GP | KI8L | KI8N | KI8P |
| 2020 | -3.5 | 1.2 | -3.2 | 0.1 | 9.1 | 4.8 | -13.5 | -12.4 | -23.3 | -12.5 | -3.2 | -19.8 |
| 2021 | 5.8 | 7.3 | -11.7 | 9.7 | 5.1 | 7.8 | 13.1 | 7.0 | 8.7 | 7.4 | 4.8 | 10.3 |
| 2022 | 3.5 | -2.8 | 2.1 | -3.7 | -3.6 | 2.0 | 6.2 | 5.5 | 5.3 | 10.0 | 3.0 | 7.4 |
| Previous estimates² | | | | | | | | | | | | |
| | A2EQ | A2ER | A2ET | A2ES | A2EU | A2EV | A2EW | A2EY | A2F2 | A2F3 | A2F4 | A2F5 |
| 2020 | -3.5 | 1.2 | -3.2 | 0.1 | 9.1 | 4.8 | -13.5 | -12.4 | -23.3 | -12.5 | -3.2 | -19.8 |
| 2021 | 5.8 | 7.3 | -11.7 | 9.7 | 5.1 | 7.8 | 13.1 | 7.0 | 8.7 | 7.4 | 4.8 | 10.3 |
| 2022 | 3.5 | -3.6 | 1.6 | -4.8 | -3.5 | 2.0 | 5.6 | 5.5 | 5.6 | 9.5 | 3.3 | 7.3 |
| Revisions | | | | | | | | | | | | |
| | ZZ52 | ZZ53 | ZZ55 | ZZ54 | ZZ56 | ZZ57 | ZZ58 | ZZ59 | ZZ5A | ZZ5B | ZZ5C | ZZ5D |
| 2020 | - | - | - | - | - | - | - | - | - | - | - | - |
| 2021 | - | - | - | - | - | - | - | - | - | - | - | - |
| 2022 | - | 0.8 | 0.5 | 1.1 | -0.1 | - | 0.6 | - | -0.3 | 0.5 | -0.3 | 0.1 |
| Percentage change, latest quarter on previous quarter | | | | | | | | | | | | |
| Current estimates³ | | | | | | | | | | | | |
| | L3BB | L3BG | L3BH | L3BN | L3DM | L3DQ | L3DW | L3E2 | L3GP | KI8L | KI8N | KI8P |
| 2020 Q2 | -11.3 | -13.5 | 2.6 | -18.0 | -3.6 | -4.0 | -35.4 | -21.2 | -36.9 | -19.6 | -8.3 | -34.1 |
| Q3 | 5.2 | 18.1 | -2.9 | 24.3 | 9.8 | 6.1 | 41.9 | 15.0 | 47.4 | 14.3 | 3.3 | 24.4 |
| Q4 | 0.5 | 4.1 | -1.8 | 5.9 | -1.8 | 2.3 | 5.1 | 0.6 | -9.2 | 2.3 | 2.0 | 3.2 |
| 2021 Q1 | 2.1 | - | -4.9 | -0.7 | 5.2 | 2.7 | 1.1 | -1.7 | -7.8 | -0.1 | 2.1 | -5.5 |
| Q2 | 2.3 | 0.3 | -18.8 | 1.3 | 4.4 | 0.5 | 3.8 | 7.7 | 22.0 | 3.7 | 1.2 | 14.8 |
| Q3 | 3.7 | -0.4 | 24.4 | -0.9 | -9.5 | 0.9 | -1.6 | 2.4 | 4.9 | 2.0 | 0.9 | 3.9 |
| Q4 | 0.2 | -1.4 | -3.4 | -1.3 | -3.5 | 2.0 | 1.4 | 2.1 | -1.8 | 3.6 | 1.7 | 4.4 |
| 2022 Q1 | 0.6 | -0.1 | 2.8 | -1.1 | 4.1 | 0.7 | 2.9 | 0.5 | -0.3 | 4.1 | 0.3 | -0.9 |
| Q2 | 0.6 | -0.9 | -3.0 | -1.0 | 0.3 | 0.2 | 1.9 | 0.4 | 0.5 | 0.6 | 0.9 | -0.6 |
| Q3 | -0.1 | -1.8 | -1.1 | -1.9 | -1.5 | -2.1 | 0.6 | 0.2 | -0.9 | 1.1 | - | 0.6 |
| Q4 | -0.5 | - | -2.4 | 0.5 | -2.1 | 0.7 | 1.3 | 0.1 | 0.3 | -0.2 | 0.3 | -0.4 |
| Previous estimates² | | | | | | | | | | | | |
| | A2CX | A2CY | A2DO | A2DL | A2DR | A2DS | A2DT | A2DU | A2DV | A2DW | A2DX | A2DY |
| 2020 Q2 | -11.3 | -13.5 | 2.6 | -18.0 | -3.6 | -4.0 | -35.4 | -21.2 | -36.9 | -19.6 | -8.3 | -34.1 |
| Q3 | 5.2 | 18.1 | -2.9 | 24.3 | 9.8 | 6.1 | 41.9 | 15.0 | 47.4 | 14.3 | 3.3 | 24.4 |
| Q4 | 0.5 | 4.1 | -1.8 | 5.9 | -1.8 | 2.3 | 5.1 | 0.6 | -9.2 | 2.3 | 2.0 | 3.2 |
| 2021 Q1 | 2.1 | - | -4.9 | -0.7 | 5.2 | 2.7 | 1.1 | -1.7 | -7.8 | -0.1 | 2.1 | -5.5 |
| Q2 | 2.3 | 0.3 | -18.8 | 1.3 | 4.4 | 0.5 | 3.8 | 7.7 | 22.0 | 3.7 | 1.2 | 14.8 |
| Q3 | 3.7 | -0.4 | 24.4 | -0.9 | -9.5 | 0.9 | -1.6 | 2.4 | 4.9 | 2.0 | 0.9 | 3.9 |
| Q4 | 0.2 | -1.4 | -3.4 | -1.3 | -3.5 | 2.0 | 1.4 | 2.1 | -1.8 | 3.6 | 1.7 | 4.4 |
| 2022 Q1 | 0.6 | -0.3 | 1.9 | -1.3 | 4.1 | 0.9 | 3.0 | 0.5 | -0.2 | 3.8 | 0.5 | -0.8 |
| Q2 | 0.7 | -1.2 | -2.6 | -1.4 | 0.2 | - | 1.5 | 0.4 | 0.6 | 0.7 | 0.8 | -0.8 |
| Q3 | - | -2.6 | -1.3 | -2.9 | -1.5 | -2.3 | 0.3 | 0.2 | -0.7 | 0.9 | 0.1 | 0.5 |
| Q4 | -0.6 | -0.2 | -1.6 | - | -1.3 | 0.7 | 0.3 | - | 0.1 | -1.0 | 0.4 | -0.1 |
| Revisions | | | | | | | | | | | | |
| | ZZ4A | ZZ4B | ZZ4D | ZZ4C | ZZ4E | ZZ4F | ZZ4G | ZZ4H | ZZ4I | ZZ4J | ZZ4K | ZZ4L |
| 2020 Q2 | - | - | - | - | - | - | - | - | - | - | - | - |
| Q3 | - | - | - | - | - | - | - | - | - | - | - | - |
| Q4 | - | - | - | - | - | - | - | - | - | - | - | - |
| 2021 Q1 | - | - | - | - | - | - | - | - | - | - | - | - |
| Q2 | - | - | - | - | - | - | - | - | - | - | - | - |
| Q3 | - | - | - | - | - | - | - | - | - | - | - | - |
| Q4 | - | - | - | - | - | - | - | - | - | - | - | - |
| 2022 Q1 | - | 0.2 | 0.9 | 0.2 | - | -0.2 | -0.1 | - | -0.1 | 0.3 | -0.2 | -0.1 |
| Q2 | -0.1 | 0.3 | -0.4 | 0.4 | 0.1 | 0.2 | 0.4 | - | -0.1 | -0.1 | 0.1 | 0.2 |
| Q3 | -0.1 | 0.8 | 0.2 | 1.0 | - | 0.2 | 0.3 | - | -0.2 | 0.2 | -0.1 | 0.1 |
| Q4 | 0.1 | 0.2 | -0.8 | 0.5 | -0.8 | - | 1.0 | 0.1 | 0.2 | 0.8 | -0.1 | -0.3 |

1 Estimates are accurate to 1 decimal place, previous estimates and revisions are available from 1997. Output data are available from 1990 in table B1

2 Previous estimate refers to estimates from the GDP first quarterly estimate

3 Current estimate refers to the estimates released within this publication (Quarterly National Accounts)

AE Annex E - Output components of GDP- growths and revisions from previous estimate^{1,2}, Chained Volume Measures

continued

Seasonally adjusted data

Reference year 2019

| | Agri- culture, forestry, and fishing | Total Production | Mining & quarrying inc oil & gas extract | Manu- facturing | Electric, gas, steam & air | Water supply, sewerage | Constr- uction | Total Services | Distrib- ution, hotels & restaurants | Transport, storage and commu- nications | Business services and finance | Govern- ment & other services |
|---|--|---------------------|--|--------------------|-------------------------------------|------------------------------|-------------------|-------------------|---|---|--|--|
| Percentage growths, latest quarter on corresponding quarter of previous year | | | | | | | | | | | | |
| Current estimates³ | | | | | | | | | | | | |
| 2020 Q2 | L3ZZ -7.0 | L426 -10.4 | L427 0.4 | L42D -15.1 | L44C 4.5 | L44G -0.3 | L44M -36.4 | L44Q -23.3 | L47F -43.7 | KII2 -23.6 | KIH9 -6.5 | KIH8 -36.2 |
| Q3 | -5.8 | 4.7 | -2.0 | 4.2 | 12.1 | 5.8 | -10.4 | -12.4 | -16.4 | -12.6 | -4.8 | -21.3 |
| Q4 | -6.8 | 7.3 | 0.4 | 9.0 | 1.0 | 8.3 | -5.2 | -11.7 | -22.4 | -9.4 | -3.2 | -19.3 |
| 2021 Q1 | -4.1 | 6.3 | -7.0 | 7.1 | 9.4 | 6.9 | -2.6 | -10.4 | -22.1 | -6.1 | -1.4 | -20.0 |
| Q2 | 10.5 | 23.3 | -26.4 | 32.4 | 18.5 | 11.9 | 56.5 | 22.5 | 50.5 | 21.1 | 8.9 | 39.4 |
| Q3 | 8.9 | 3.9 | -5.7 | 5.6 | -2.3 | 6.4 | 8.5 | 9.1 | 7.1 | 8.1 | 6.3 | 16.3 |
| Q4 | 8.6 | -1.5 | -7.2 | -1.5 | -4.1 | 6.2 | 4.7 | 10.7 | 15.8 | 9.5 | 6.0 | 17.7 |
| 2022 Q1 | 7.0 | -1.6 | 0.3 | -2.0 | -5.0 | 4.1 | 6.6 | 13.1 | 25.2 | 14.1 | 4.1 | 23.3 |
| Q2 | 5.2 | -2.7 | 19.8 | -4.2 | -8.7 | 3.8 | 4.6 | 5.5 | 3.2 | 10.7 | 3.8 | 6.8 |
| Q3 | 1.4 | -4.1 | -4.8 | -5.2 | -0.7 | 6.9 | 3.2 | -2.5 | -2.5 | 9.7 | 2.9 | 3.5 |
| Q4 | 0.6 | -2.7 | -3.8 | -3.5 | 0.8 | -0.5 | 6.8 | 1.1 | -0.4 | 5.7 | 1.5 | -1.2 |
| Previous estimates² | | | | | | | | | | | | |
| 2020 Q2 | A2DZ -7.0 | A2E2 -10.4 | A2E4 0.4 | A2E3 -15.1 | A2E5 4.5 | A2EE -0.3 | A2EK -36.4 | A2EL -23.3 | A2EM -43.7 | A2EN -23.6 | A2EO -6.5 | A2EP -36.2 |
| Q3 | -5.8 | 4.7 | -2.0 | 4.2 | 12.1 | 5.8 | -10.4 | -12.4 | -16.4 | -12.6 | -4.8 | -21.3 |
| Q4 | -6.8 | 7.3 | 0.4 | 9.0 | 1.0 | 8.3 | -5.2 | -11.7 | -22.4 | -9.4 | -3.2 | -19.3 |
| 2021 Q1 | -4.1 | 6.3 | -7.0 | 7.1 | 9.4 | 6.9 | -2.6 | -10.4 | -22.1 | -6.1 | -1.4 | -20.0 |
| Q2 | 10.5 | 23.3 | -26.4 | 32.4 | 18.5 | 11.9 | 56.5 | 22.5 | 50.5 | 21.1 | 8.9 | 39.4 |
| Q3 | 8.9 | 3.9 | -5.7 | 5.6 | -2.3 | 6.4 | 8.5 | 9.1 | 7.1 | 8.1 | 6.3 | 16.3 |
| Q4 | 8.6 | -1.5 | -7.2 | -1.5 | -4.1 | 6.2 | 4.7 | 10.7 | 15.8 | 9.5 | 6.0 | 17.7 |
| 2022 Q1 | 6.9 | -1.8 | -0.6 | -2.1 | -5.0 | 4.4 | 6.7 | 13.1 | 25.3 | 13.8 | 4.3 | 23.4 |
| Q2 | 5.3 | -3.2 | 19.2 | -4.7 | -8.9 | 3.8 | 4.3 | 5.4 | 3.4 | 10.5 | 3.9 | 6.7 |
| Q3 | 1.5 | -5.3 | -5.4 | -6.7 | -0.9 | 0.5 | 6.3 | 3.2 | -2.1 | 9.4 | 3.1 | 3.3 |
| Q4 | 0.7 | -4.2 | -3.6 | -5.6 | 1.5 | -0.7 | 5.1 | 1.2 | -0.1 | 4.6 | 1.8 | -1.2 |
| Revisions | | | | | | | | | | | | |
| 2020 Q2 | ZZ4N - | ZZ4O - | ZZ4Q - | ZZ4P - | ZZ4R - | ZZ4S - | ZZ4T - | ZZ4U - | ZZ4V - | ZZ4W - | ZZ4X - | ZZ4Y - |
| Q3 | - | - | - | - | - | - | - | - | - | - | - | - |
| Q4 | - | - | - | - | - | - | - | - | - | - | - | - |
| 2021 Q1 | - | - | - | - | - | - | - | - | - | - | - | - |
| Q2 | - | - | - | - | - | - | - | - | - | - | - | - |
| Q3 | - | - | - | - | - | - | - | - | - | - | - | - |
| Q4 | - | - | - | - | - | - | - | - | - | - | - | - |
| 2022 Q1 | 0.1 | 0.2 | 0.9 | 0.1 | - | -0.3 | -0.1 | - | -0.1 | 0.3 | -0.2 | -0.1 |
| Q2 | -0.1 | 0.5 | 0.6 | 0.5 | 0.2 | - | 0.3 | 0.1 | -0.2 | 0.2 | -0.1 | 0.1 |
| Q3 | -0.1 | 1.2 | 0.6 | 1.5 | 0.2 | 0.2 | 0.6 | - | -0.4 | 0.3 | -0.2 | 0.2 |
| Q4 | -0.1 | 1.5 | -0.2 | 2.1 | -0.7 | 0.2 | 1.7 | -0.1 | -0.3 | 1.1 | -0.3 | - |

1 Estimates are accurate to 1 decimal place, previous estimates and revisions are available from 1997. Output data are available from 1990 in table B1

2 Previous estimate refers to estimates from the GDP first quarterly estimate

3 Current estimate refers to the estimates released within this publication (Quarterly National Accounts)

AF Annex F - Expenditure components of GDP- growths and revisions from previous estimate^{1,2}, Chained Volume Measures

Seasonally adjusted data

Reference year 2019

| | Final consumption expenditure | | | | | | | Total exports | less Total imports |
|--|-------------------------------|---|--------------------|-------------------------|-------------------------------|---------------------|-------|---------------|--------------------|
| | Households | Non-profit institutions ^{3, 5} | General government | Gross Capital Formation | Gross Fixed Capital Formation | Business investment | | | |
| Percentage change, latest year on previous year | | | | | | | | | |
| Current estimates⁴ | | | | | | | | | |
| | KGZ5 | KH26 | KH2I | ZZ6H | KG7N | KG7M | KH2U | KH3N | |
| 2020 | -12.9 | -19.2 | -7.3 | -14.6 | -10.5 | -11.9 | -12.1 | -16.0 | |
| 2021 | 6.3 | 5.2 | 12.5 | 14.0 | 6.1 | 0.9 | 2.2 | 6.2 | |
| 2022 | 5.3 | 14.1 | 1.8 | 3.3 | 8.6 | 10.8 | 9.9 | 13.3 | |
| Previous estimates² | | | | | | | | | |
| | A275 | A276 | A289 | A28J | A28L | A29D | A29F | A2CK | |
| 2020 | -12.9 | -19.2 | -7.3 | -14.6 | -10.5 | -11.9 | -12.1 | -16.0 | |
| 2021 | 6.3 | 5.2 | 12.5 | 14.0 | 6.1 | 0.9 | 2.2 | 6.2 | |
| 2022 | 5.3 | 8.9 | 1.9 | 1.5 | 7.7 | 9.9 | 10.3 | 12.6 | |
| Revisions | | | | | | | | | |
| | ZZ83 | ZZ84 | ZZ85 | ZZ86 | ZZ87 | ZZ88 | ZZ89 | ZZ8A | |
| 2020 | - | - | - | - | - | - | - | - | |
| 2021 | - | - | - | - | - | - | - | - | |
| 2022 | - | 5.2 | -0.1 | 1.8 | 0.9 | 0.9 | -0.4 | 0.7 | |
| Percentage change, latest quarter on previous quarter | | | | | | | | | |
| Current estimates⁴ | | | | | | | | | |
| | KGZ6 | KH27 | KH2J | ZZ5H | KG7Q | KG7P | KH2V | KH3O | |
| 2020 Q2 | -22.9 | -27.4 | -18.2 | -36.5 | -18.6 | -20.8 | -12.6 | -23.8 | |
| Q3 | 19.1 | 18.3 | 18.2 | 46.5 | 15.7 | 11.0 | -0.3 | 17.4 | |
| Q4 | -1.5 | 2.9 | 3.8 | 23.1 | 3.2 | 2.8 | 6.0 | 15.0 | |
| 2021 Q1 | -3.4 | -9.0 | -0.1 | -3.4 | -1.6 | -5.2 | -4.2 | -10.0 | |
| Q2 | 10.2 | 16.0 | 7.7 | -10.6 | 4.0 | 6.4 | 6.4 | 3.1 | |
| Q3 | 2.9 | 2.3 | 0.4 | 12.3 | 0.9 | 2.2 | -3.9 | 4.4 | |
| Q4 | 0.2 | 0.6 | 1.3 | -7.8 | -0.4 | -2.7 | 12.8 | 4.1 | |
| 2022 Q1 | 1.2 | 5.7 | -0.4 | 24.2 | 8.6 | 8.2 | -7.3 | 8.2 | |
| Q2 | 0.2 | 2.5 | -1.7 | -5.9 | -2.3 | 2.5 | 5.1 | 0.5 | |
| Q3 | -0.3 | 1.2 | 0.8 | -21.1 | 1.1 | 0.1 | 10.5 | -3.1 | |
| Q4 | 0.2 | 0.6 | 0.5 | 1.6 | 0.3 | -0.2 | -1.4 | -0.2 | |
| Previous estimates² | | | | | | | | | |
| | A24M | A24X | A24Y | A25I | A25J | A25M | A264 | A268 | |
| 2020 Q2 | -22.9 | -27.4 | -18.2 | -36.5 | -18.6 | -20.8 | -12.6 | -23.8 | |
| Q3 | 19.1 | 18.3 | 18.2 | 46.5 | 15.7 | 11.0 | -0.3 | 17.4 | |
| Q4 | -1.5 | 2.9 | 3.8 | 23.1 | 3.2 | 2.8 | 6.0 | 15.0 | |
| 2021 Q1 | -3.4 | -9.0 | -0.1 | -3.4 | -1.6 | -5.2 | -4.2 | -10.0 | |
| Q2 | 10.2 | 16.0 | 7.7 | -10.6 | 4.0 | 6.4 | 6.4 | 3.1 | |
| Q3 | 2.9 | 2.3 | 0.4 | 12.3 | 0.9 | 2.2 | -3.9 | 4.4 | |
| Q4 | 0.2 | 0.6 | 1.3 | -7.8 | -0.4 | -2.7 | 12.8 | 4.1 | |
| 2022 Q1 | 1.0 | 1.6 | -0.4 | 22.3 | 6.4 | 4.5 | -6.6 | 7.3 | |
| Q2 | 0.7 | 2.3 | -1.5 | -7.8 | -0.6 | 6.9 | 5.2 | 0.2 | |
| Q3 | -0.4 | 0.3 | 0.5 | -19.8 | 0.3 | -3.2 | 9.4 | -2.9 | |
| Q4 | 0.1 | -0.2 | 0.8 | 3.7 | 1.5 | 4.8 | -1.0 | 1.5 | |
| Revisions | | | | | | | | | |
| | ZZ7L | ZZ7M | ZZ7N | ZZ7O | ZZ7P | ZZ7Q | ZZ7R | ZZ7S | |
| 2020 Q2 | - | - | - | - | - | - | - | - | |
| Q3 | - | - | - | - | - | - | - | - | |
| Q4 | - | - | - | - | - | - | - | - | |
| 2021 Q1 | - | - | - | - | - | - | - | - | |
| Q2 | - | - | - | - | - | - | - | - | |
| Q3 | - | - | - | - | - | - | - | - | |
| Q4 | - | - | - | - | - | - | - | - | |
| 2022 Q1 | 0.2 | 4.1 | - | 1.9 | 2.2 | 3.7 | -0.7 | 0.9 | |
| Q2 | -0.5 | 0.2 | -0.2 | 1.9 | -1.7 | -4.4 | -0.1 | 0.3 | |
| Q3 | 0.1 | 0.9 | 0.3 | -1.3 | 0.8 | 3.3 | 1.1 | -0.2 | |
| Q4 | 0.1 | 0.8 | -0.3 | -2.1 | -1.2 | -5.0 | -0.4 | -1.7 | |

1 Estimates are accurate to 1 decimal place, previous estimates and revisions are available from 1997. Expenditure data are available from 1948 annually and 1955 quarterly in table C2

2 Previous estimate refers to estimates from the GDP first quarterly estimate

3 Non-profit institutions serving households

4 Current estimates refer to the estimates within this publication (Quarterly National Accounts)

5 There is a small difference between the gross operating surplus of the Non-profit Institutions Serving households (NPISH) sector in the Table 6.3.3 of the UK Economic Accounts dataset, compared with the consumption of fixed capital for the NPISH sector published in the GDP release. This difference has been addressed from 2021 Q1. Remaining differences will be corrected when revisions policy allows. The latest figures can be found in the UK Economic Accounts dataset.

AF Annex F - Expenditure components of GDP- growths and revisions from previous estimate^{1,2}, Chained Volume Measures

continued

Seasonally adjusted data

Reference year 2019

| | Final consumption expenditure | | | | | | | Total exports | less Total imports |
|--|-------------------------------|--------------------------------------|--------------------|-------------------------|-------------------------------|---------------------|-------|---------------|--------------------|
| | Households | Non-profit institutions ³ | General government | Gross capital formation | Gross fixed capital formation | Business investment | | | |
| Percentage change, latest quarter on corresponding quarter of the previous year | | | | | | | | | |
| Current estimates⁴ | | | | | | | | | |
| | KGZ7 | KH28 | KH2K | ZZ5Y | KG7T | KG7S | KH2W | | KH3P |
| 2020 Q2 | -25.5 | -33.0 | -20.2 | -41.7 | -21.2 | -21.4 | -12.6 | | -29.1 |
| Q3 | -11.1 | -20.6 | -5.5 | -11.6 | -10.3 | -13.7 | -17.6 | | -17.5 |
| Q4 | -12.2 | -14.5 | -3.0 | 23.5 | -6.5 | -12.0 | -16.0 | | -2.5 |
| 2021 Q1 | -12.6 | -19.6 | 0.3 | 10.6 | -4.4 | -14.2 | -11.5 | | -7.4 |
| Q2 | 24.9 | 28.4 | 31.9 | 55.7 | 22.3 | 15.1 | 7.7 | | 25.3 |
| Q3 | 7.9 | 11.1 | 12.1 | 19.4 | 6.6 | 6.0 | 3.8 | | 11.4 |
| Q4 | 9.7 | 8.7 | 9.3 | -10.6 | 2.8 | 0.3 | 10.5 | | 0.8 |
| 2022 Q1 | 15.0 | 26.3 | 9.1 | 14.9 | 13.5 | 14.5 | 6.9 | | 21.2 |
| Q2 | 4.6 | 11.5 | -0.4 | 20.9 | 6.6 | 10.3 | 5.6 | | 18.2 |
| Q3 | 1.3 | 10.2 | -0.1 | -15.1 | 6.8 | 8.0 | 21.5 | | 9.7 |
| Q4 | 1.4 | 10.2 | -0.8 | -6.4 | 7.6 | 10.8 | 6.2 | | 5.2 |
| Previous estimates² | | | | | | | | | |
| | A26C | A26H | A26I | A26J | A26K | A26L | A26M | | A26N |
| 2020 Q2 | -25.5 | -33.0 | -20.2 | -41.7 | -21.2 | -21.4 | -12.6 | | -29.1 |
| Q3 | -11.1 | -20.6 | -5.5 | -11.6 | -10.3 | -13.7 | -17.6 | | -17.5 |
| Q4 | -12.2 | -14.5 | -3.0 | 23.5 | -6.5 | -12.0 | -16.0 | | -2.5 |
| 2021 Q1 | -12.6 | -19.6 | 0.3 | 10.6 | -4.4 | -14.2 | -11.5 | | -7.4 |
| Q2 | 24.9 | 28.4 | 31.9 | 55.7 | 22.3 | 15.1 | 7.7 | | 25.3 |
| Q3 | 7.9 | 11.1 | 12.1 | 19.4 | 6.6 | 6.0 | 3.8 | | 11.4 |
| Q4 | 9.7 | 8.7 | 9.3 | -10.6 | 2.8 | 0.3 | 10.5 | | 0.8 |
| 2022 Q1 | 14.7 | 21.4 | 9.0 | 13.2 | 11.3 | 10.5 | 7.7 | | 20.2 |
| Q2 | 4.8 | 7.1 | -0.2 | 16.8 | 6.3 | 11.1 | 6.5 | | 16.8 |
| Q3 | 1.5 | 4.9 | -0.1 | -16.6 | 5.7 | 5.1 | 21.2 | | 8.6 |
| Q4 | 1.4 | 4.0 | -0.6 | -6.2 | 7.8 | 13.2 | 6.4 | | 5.9 |
| Revisions | | | | | | | | | |
| | ZZ7T | ZZ7U | ZZ7V | ZZ7W | ZZ7X | ZZ7Y | ZZ7Z | | ZZ82 |
| 2020 Q2 | - | - | - | - | - | - | - | | - |
| Q3 | - | - | - | - | - | - | - | | - |
| Q4 | - | - | - | - | - | - | - | | - |
| 2021 Q1 | - | - | - | - | - | - | - | | - |
| Q2 | - | - | - | - | - | - | - | | - |
| Q3 | - | - | - | - | - | - | - | | - |
| Q4 | - | - | - | - | - | - | - | | - |
| 2022 Q1 | 0.3 | 4.9 | 0.1 | 1.7 | 2.2 | 4.0 | -0.8 | | 1.0 |
| Q2 | -0.2 | 4.4 | -0.2 | 4.1 | 0.3 | -0.8 | -0.9 | | 1.4 |
| Q3 | -0.2 | 5.3 | - | 1.5 | 1.1 | 2.9 | 0.3 | | 1.1 |
| Q4 | - | 6.2 | -0.2 | -0.2 | -0.2 | -2.4 | -0.2 | | -0.7 |

1 Estimates are accurate to 1 decimal place, previous estimates and revisions are available from 1997. Expenditure data are available from 1948 annually and 1955 quarterly in table C2

2 Previous estimate refers to estimates from the GDP first quarterly estimate

3 Non-profit institutions serving households

4 Current estimates refer to the estimates within this publication (Quarterly National Accounts)

5 There is a small difference between the gross operating surplus of the Non-profit Institutions Serving households (NPISH) sector in the Table 6.3.3 of the UK Economic Accounts dataset, compared with the consumption of fixed capital for the NPISH sector published in the GDP release. This affects 2020Q1 onwards. The latest figures for the affected series can be found in the UK Economic Accounts dataset.

AG Annex G - Income components of GDP- growths and revisions from previous estimate^{1,2}, Current Prices

Seasonally adjusted data

| | Compensation of employees | Gross operating surplus of corporations | Other income | Taxes on products & production less subsidies |
|--|---------------------------|---|--------------|---|
| Percentage change, latest year on previous year | | | | |
| Current estimates³ | | | | |
| | KGI3 | KH4V | KH6T | KH65 |
| 2020 | 0.4 | -0.1 | - | -50.1 |
| 2021 | 6.0 | 2.9 | 3.0 | 58.3 |
| 2022 | 7.5 | 8.4 | 8.4 | 35.1 |
| Previous estimates² | | | | |
| | A2CT | A2CU | A2CV | A2CW |
| 2020 | 0.4 | -0.1 | - | -50.1 |
| 2021 | 6.0 | 2.9 | 3.0 | 58.3 |
| 2022 | 7.2 | 10.4 | 7.5 | 30.3 |
| Revisions | | | | |
| | ZZ8J | ZZ8K | ZZ8L | ZZ8M |
| 2020 | - | - | - | - |
| 2021 | - | - | - | - |
| 2022 | 0.3 | -2 | 0.9 | 4.8 |
| Percentage change, latest quarter on previous quarter | | | | |
| Current estimates³ | | | | |
| | KGI4 | KH4W | KH6U | KH66 |
| 2020 Q2 | -3.2 | -6.7 | -0.8 | -106.9 |
| Q3 | 2.5 | 11.1 | 0.4 | -904.0 |
| Q4 | 2.6 | -6.2 | 0.8 | 16.3 |
| 2021 Q1 | - | 0.8 | 1.4 | -10.9 |
| Q2 | 2.8 | 5.5 | 0.5 | 31.4 |
| Q3 | 2.0 | -1.9 | 0.6 | 25.9 |
| Q4 | 1.7 | 1.3 | 1.6 | 15.2 |
| 2022 Q1 | 2.1 | 2.7 | 3.2 | 3.2 |
| Q2 | 1.4 | 2.8 | 1.3 | 3.4 |
| Q3 | 1.6 | -0.3 | 2.6 | 2.3 |
| Q4 | 1.6 | 8.5 | 3.9 | -10.9 |
| Previous estimates² | | | | |
| | A2CL | A2CM | A2CN | A2CO |
| 2020 Q2 | -3.2 | -6.7 | -0.8 | -106.9 |
| Q3 | 2.5 | 11.1 | 0.4 | -904.0 |
| Q4 | 2.6 | -6.2 | 0.8 | 16.3 |
| 2021 Q1 | - | 0.8 | 1.4 | -10.9 |
| Q2 | 2.8 | 5.5 | 0.5 | 31.4 |
| Q3 | 2.0 | -1.9 | 0.6 | 25.9 |
| Q4 | 1.7 | 1.3 | 1.6 | 15.2 |
| 2022 Q1 | 2.2 | 2.2 | 3.3 | 2.7 |
| Q2 | 1.2 | 2.7 | 1.4 | 3.5 |
| Q3 | 1.5 | 1.1 | 2.3 | 2.0 |
| Q4 | 1.1 | 15.2 | 1.0 | -22.5 |
| Revisions | | | | |
| | ZZ8B | ZZ8C | ZZ8D | ZZ8E |
| 2020 Q2 | - | - | - | - |
| Q3 | - | - | - | - |
| Q4 | - | - | - | - |
| 2021 Q1 | - | - | - | - |
| Q2 | - | - | - | - |
| Q3 | - | - | - | - |
| Q4 | - | - | - | - |
| 2022 Q1 | -0.1 | 0.5 | -0.1 | 0.5 |
| Q2 | 0.2 | 0.1 | -0.1 | -0.1 |
| Q3 | 0.1 | -1.4 | 0.3 | 0.3 |
| Q4 | 0.5 | -6.7 | 2.9 | 11.6 |

1 Estimates are accurate to 1 decimal place, previous estimates and revisions are available from 1997. Income data are available from 1948 annually and 1955 quarterly in table D

2 Previous estimate refers to estimates from the GDP first quarterly estimate

3 Current estimates refer to estimates within this publication (Quarterly National Accounts)

AG Annex G - Income components of GDP- growths and revisions from previous estimate^{1,2}, Current Prices

continued

Seasonally adjusted data

| | Compen- sation of employees | Gross operating surplus of corporations | Other income | Taxes on products & production less subsidies |
|--|-----------------------------------|---|--------------|---|
| Percentage change, latest quarter on corresponding quarter of previous year | | | | |
| Current estimates³ | | | | |
| | KG15 | KH4X | KH6V | KH67 |
| 2020 Q2 | -2.6 | -2.2 | -0.5 | -106.5 |
| Q3 | -0.5 | 3.7 | - | -48.4 |
| Q4 | 2.5 | -6.1 | -0.6 | -39.9 |
| 2021 Q1 | 1.8 | -1.9 | 1.7 | -42.7 |
| Q2 | 8.0 | 10.8 | 3.0 | -1 195.0 |
| Q3 | 7.6 | -2.1 | 3.3 | 71.5 |
| Q4 | 6.7 | 5.8 | 4.1 | 69.8 |
| 2022 Q1 | 8.9 | 7.7 | 6.0 | 96.8 |
| Q2 | 7.4 | 5.0 | 7.0 | 54.8 |
| Q3 | 7.0 | 6.7 | 9.1 | 25.8 |
| Q4 | 6.8 | 14.3 | 11.6 | -2.7 |
| Previous estimates² | | | | |
| | A2CP | A2CQ | A2CR | A2CS |
| 2020 Q2 | -2.6 | -2.2 | -0.5 | -106.5 |
| Q3 | -0.5 | 3.7 | - | -48.4 |
| Q4 | 2.5 | -6.1 | -0.6 | -39.9 |
| 2021 Q1 | 1.8 | -1.9 | 1.7 | -42.7 |
| Q2 | 8.0 | 10.8 | 3.0 | -1 195.0 |
| Q3 | 7.6 | -2.1 | 3.3 | 71.5 |
| Q4 | 6.7 | 5.8 | 4.1 | 69.8 |
| 2022 Q1 | 9.0 | 7.2 | 6.1 | 95.8 |
| Q2 | 7.3 | 4.4 | 7.1 | 54.3 |
| Q3 | 6.7 | 7.6 | 8.8 | 24.9 |
| Q4 | 6.1 | 22.3 | 8.1 | -15.9 |
| Revisions | | | | |
| | ZZ8F | ZZ8G | ZZ8H | ZZ8I |
| 2020 Q2 | - | - | - | - |
| Q3 | - | - | - | - |
| Q4 | - | - | - | - |
| 2021 Q1 | - | - | - | - |
| Q2 | - | - | - | - |
| Q3 | - | - | - | - |
| Q4 | - | - | - | - |
| 2022 Q1 | -0.1 | 0.5 | -0.1 | 1.0 |
| Q2 | 0.1 | 0.6 | -0.1 | 0.5 |
| Q3 | 0.3 | -0.9 | 0.3 | 0.9 |
| Q4 | 0.7 | -8.0 | 3.5 | 13.2 |

1 Estimates accurate to 1 decimal place, previous estimates and revisions are available from 1997. Income data are available from 1948 annually and 1955 quarterly in table D

2 Previous estimate refers to estimates from the GDP first quarterly estimate

3 Current estimates refer to estimates within this publication (Quarterly National Accounts)