

Statistical bulletin

GDP quarterly national accounts, UK: July to September 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 fallen by 0.3% in Quarter 3 (July to Sept) 2022, downwardly revised from a first estimate fall of 0.2%.
- In output terms, the services sector grew by 0.1% while the production sector fell by 2.5% in Quarter 3 2022 (including falls in all 13 manufacturing sub-sectors) as well as a fall in the construction sector of 0.2%.
- The level of real GDP in Quarter 3 2022 is now estimated to be 0.8% below where it was pre-coronavirus at Quarter 4 (Oct to Dec) 2019, downwardly revised from the previous estimate of 0.4% below.
- The implied GDP deflator rose by an upwardly revised 6.4% in the year to Quarter 3 2022, primarily driven by an 9.2% increase in the implied price of household consumption.
- The household saving ratio increased strongly to 9.0% in Quarter 3 2022, from 6.7% in the previous quarter.
- Real households' disposable income (RHDI) fell by 0.5% this quarter; this is the fourth consecutive quarter of negative growth in the RHDI.

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 2022 and, to a lesser extent, the Quarter 3 (July to Sept 2022) estimates.

2 . Headline GDP figures

UK gross domestic product (GDP) is estimated to have fallen by a revised 0.3% in Quarter 3 (July to Sept) 2022. There have been downward revisions to previous estimates of the change in real GDP since Quarter 3 2021. Early estimates of GDP are subject to revision (positive or negative). For more information please refer to our [Communicating the UK economic cycle methodology](#).

Annual real UK GDP is now estimated to have increased by 7.6% from 2020 to 2021, revised from the previous estimate of 7.5%. Despite an upward revision to annual growth in 2021, downward revisions across the quarters of 2022 mean that real GDP is now estimated to be 0.8% below its pre-coronavirus (COVID-19) pandemic level, revised from the previous estimate of being 0.4% below (Figure 1).

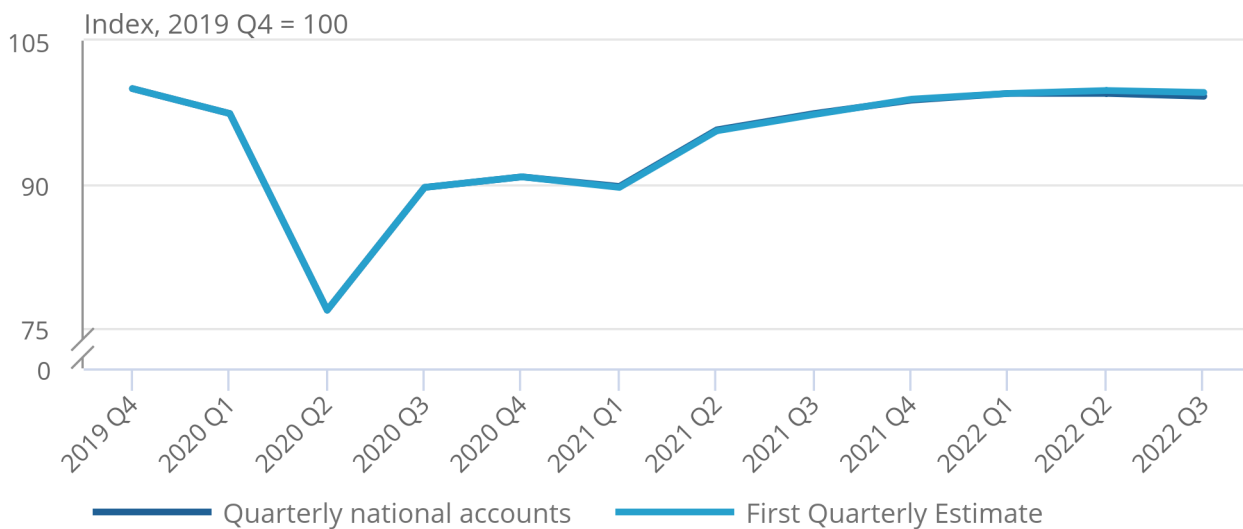
Estimates for Quarter 3 2022 have been affected by the additional bank holiday in September 2022 to mark the State Funeral of Her Majesty Queen Elizabeth II, where some businesses were either closed or operated differently on this day. A new indicative monthly real GDP path consistent with the latest quarterly estimates can be found in the associated [dataset](#).

Figure 1: Revised estimates show that UK GDP is now 0.8% below its pre-coronavirus level

UK, Quarter 4 (Oct to Dec) 2019 to Quarter 3 (July to Sept) 2022

Figure 1: Revised estimates show that UK GDP is now 0.8% below its pre-coronavirus level

UK, Quarter 4 (Oct to Dec) 2019 to Quarter 3 (July to Sept) 2022



Source: Office for National Statistics – GDP quarterly national accounts

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.
3. This release sees revisions to the course of 2021 and 2022 in line with the [National Accounts revision policy](#). For more information, see the [revisions to GDP section](#).

Nominal GDP is estimated to have increased by a revised 1.6% in Quarter 3 2022, while it is now 8.4% higher than the same quarter a year ago.

Table 1: Headline national accounts indicators for the UK

	Chained volume measures		Current market prices	
	GDP	GDP per head ³	GDP	GDP implied deflator
Seasonally adjusted				
2021	7.6	7.2	7.6	0.0
2021 Q1	-1.1	-1.1	-0.3	0.7
2021 Q2	6.5	6.4	4.5	-1.9
2021 Q3	1.7	1.6	2.7	0.9
2021 Q4	1.5	1.4	2.7	1.1
2022 Q1	0.6	0.5	2.3	1.7
2022 Q2	0.1	0.0	1.6	1.5
2022 Q3	-0.3	-0.4	1.6	1.9

Source: Office for National Statistics – GDP quarterly national accounts

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 12 January 2022.

The implied GDP deflator rose by a revised 1.9% in Quarter 3 2022 compared with Quarter 2 (Apr to June) 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. This was partly offset by a 5.4% increase in import-implied prices in part reflecting the higher price for fuels. Imports get subtracted from GDP so a strong price rise in fuel imports acts to reduce the GDP implied deflator increase.

The implied GDP 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.

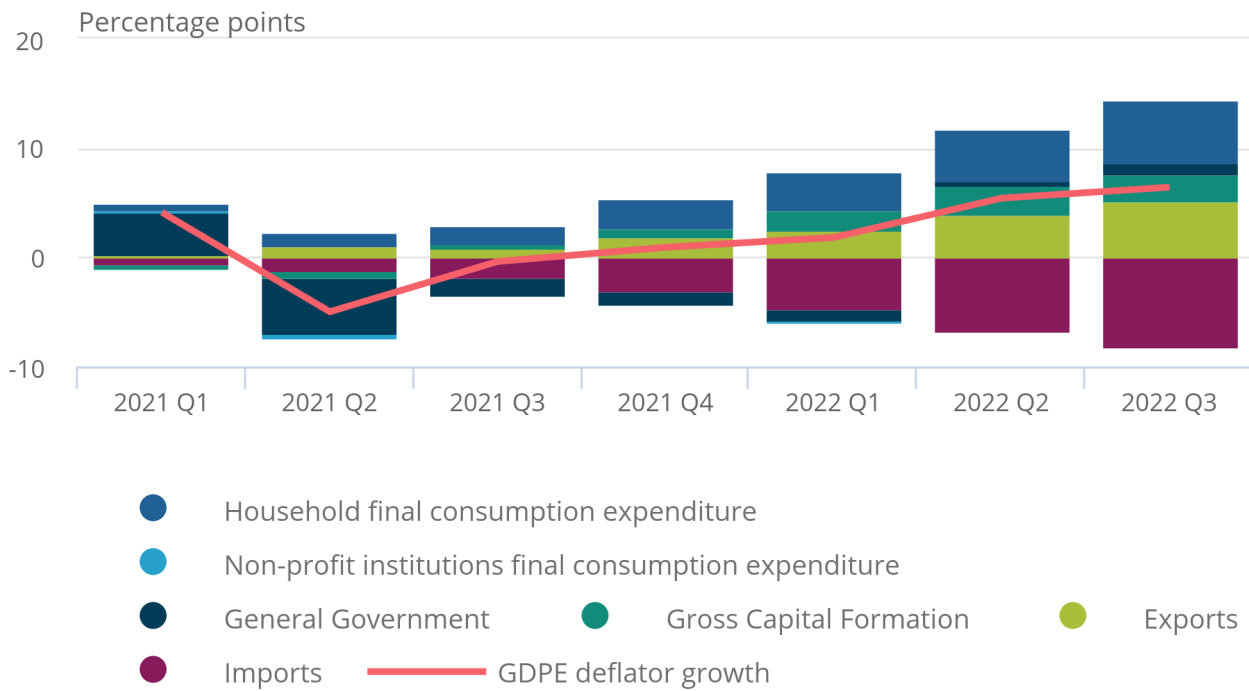
Compared with the same quarter a year ago, there was a 6.4% increase in the implied GDP deflator, revised from a first estimate of 5.8%. This has been driven by strong rises for the implied price of household consumption (9.2%), gross capital formation (14.7%) and exports (14.9%). There have also been large implied price movements in imports (22.5%) (Figure 2). This fall in the terms-of-trade reduces the increase in the implied price of GDP, as imports are not produced domestically.

Figure 2: The implied price of household consumption rose by 9.2% compared with the same quarter a year ago

UK, contributions to quarter on quarter a year ago implied price deflator, Quarter 1 (Jan to Mar) 2021 to Quarter 3 (July to Sept) 2022

Figure 2: The implied price of household consumption rose by 9.2% compared with the same quarter a year ago

UK, contributions to quarter on quarter a year ago implied price deflator, Quarter 1 (Jan to Mar) 2021 to Quarter 3 (July to Sept) 2022



Source: Office for National Statistics – GDP quarterly national accounts

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 3 (July to Sept) 2022, output is now estimated to have fallen by 0.3%. This was revised from a first estimate fall of 0.2%, mainly reflecting revisions to estimates of production and construction output.

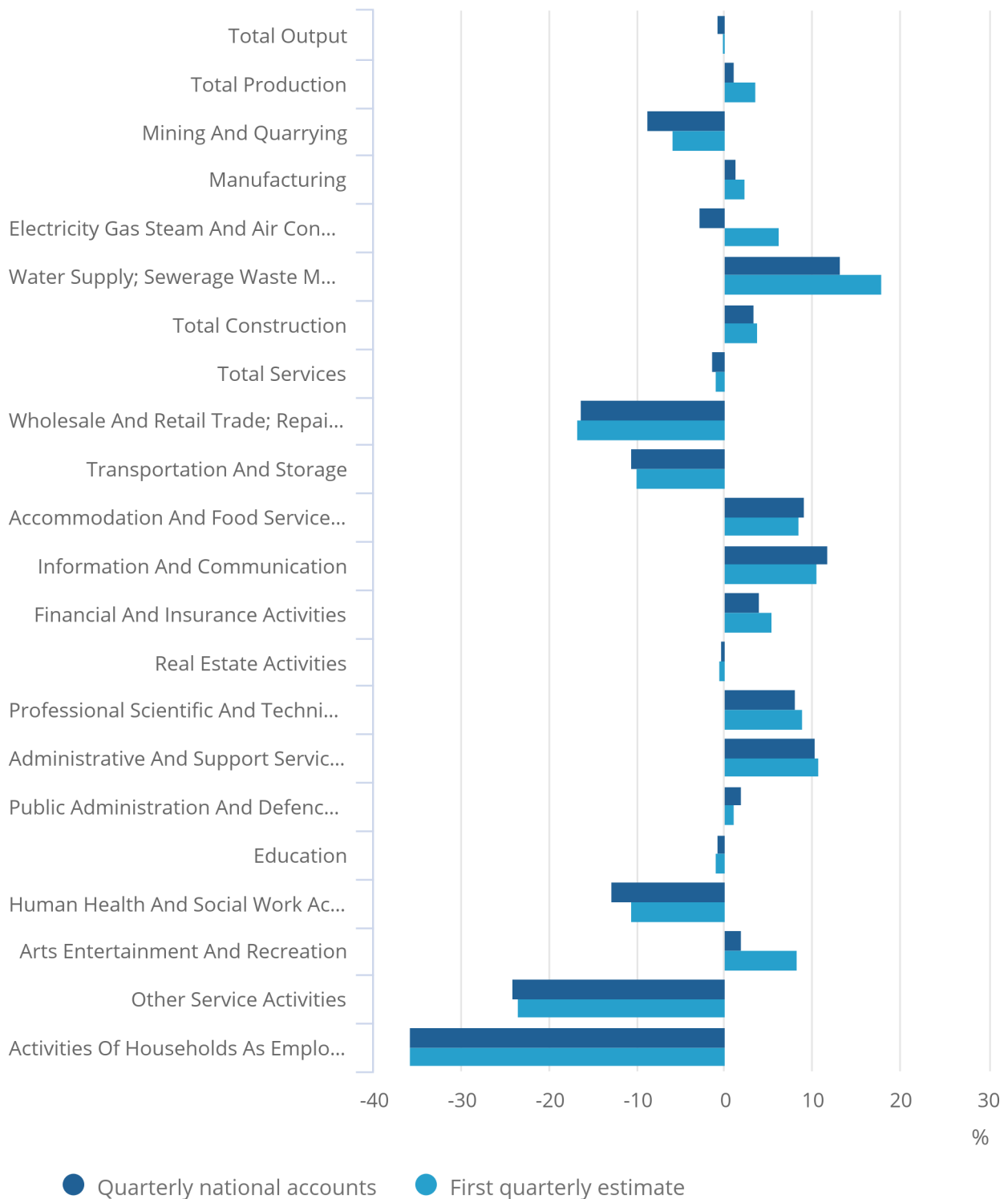
All three sectors have seen a declining trend in quarterly output since the start of 2022. The latest estimates of the level of output for the construction, production and services sub-sectors relative to their Quarter 4 (Oct to Dec) 2019 levels are shown in Figure 3. The larger revisions have been mainly in the production industries, for further information, please refer to the “Production” subheading in this section. The revision to services reflects incorporation of Value Added Tax (VAT) data for Quarter 2 (Apr to June) 2022 and updated survey responses.

Figure 3: There have been downward revisions to services, production and construction output growth relative to their pre-coronavirus Quarter 4 2019 levels

UK, percentage change, Quarter 4 (Oct to Dec) 2019 to Quarter 3 (July to Sept) 2022

Figure 3: There have been downward revisions to services, production and construction output growth relative to their pre-coronavirus Quarter 4 2019 levels

UK, percentage change, Quarter 4 (Oct to Dec) 2019 to Quarter 3 (July to Sept) 2022



Source: Office for National Statistics – GDP quarterly national accounts

Services

Services output grew by 0.1% in Quarter 3 2022, revised up from a first estimate of flat output. Compared with pre-coronavirus (COVID-19) pandemic levels, services output is now 1.3% below its Quarter 4 (Oct to Dec) 2019 levels, revised down from previously 0.9% below. The latest quarterly contribution to growth estimates for 2022 are shown in Figure 4, with services output showing a slowdown since the start of the year.

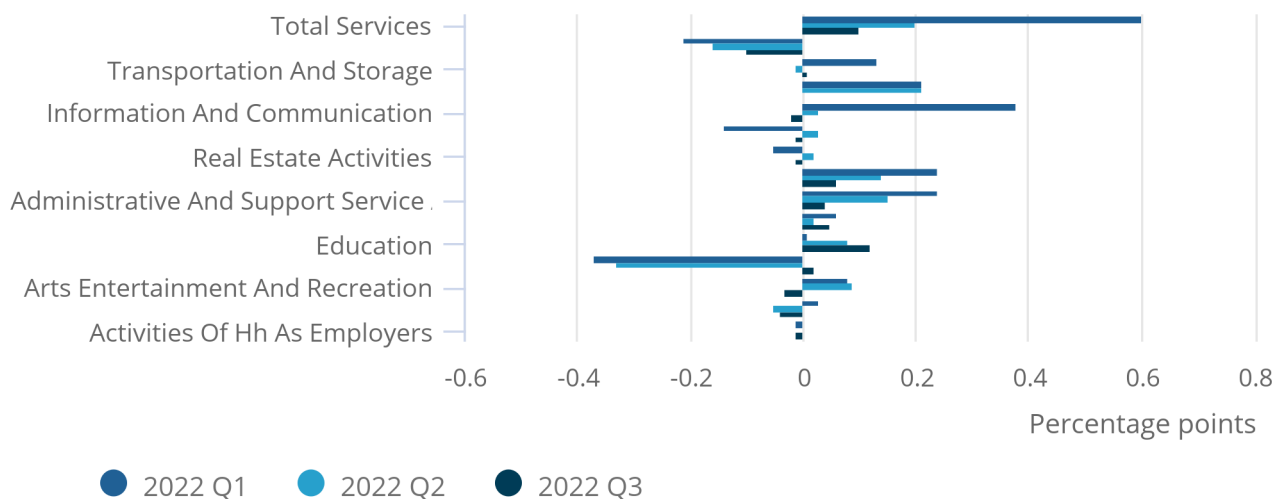
The latest quarterly services output increase was driven by growth in education (1.6%), professional, scientific and technical activities (0.6%) and public administration and defence (0.8%). There were offsetting falls driven by wholesale and retail trade (negative 0.9%), other services activities (negative 2.2%) and arts, entertainment and recreation (negative 1.7%). Falls in these services sub-sectors likely [reflects pressures from cost of living rises caused by energy price rises affecting household disposable incomes](#), as well as the additional bank holiday in September 2022. Overall, consumer-facing services saw a fall of 0.8% in Quarter 3 2022, a slowing from the 1.5% increase in the previous quarter.

Figure 4: Most of the services sub-sectors have seen a slowdown in output growth in the latest quarter

UK, contributions to services growth, Quarter 1 (Jan to Mar) to Quarter 3 (July to Sept) 2022

Figure 4: Most of the services sub-sectors have seen a slowdown in output growth in the latest quarter

UK, contributions to services growth, Quarter 1 (Jan to Mar) to Quarter 3 (July to Sept) 2022



Source: Office for National Statistics – GDP quarterly national accounts

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

Production output fell by 2.5% in Quarter 3 2022, revised from a first estimate fall of 1.5%. Production output has now contracted for five consecutive quarters since Quarter 3 2021.

There have been broad-based downward revisions to production industries output across quarters since the start of 2021, particularly in the energy sub-sector, shown in Figure 3. Production output is now 1.2% above its pre-coronavirus levels, revised down from 3.6% above.

Electricity, gas, steam and air conditioning supply is now 2.7% below its pre-coronavirus levels, revised from being 6.3% above its pre-coronavirus levels. These downward revisions to energy are driven by revised data for the volume of energy supplied, which might reflect a bigger impact of rising prices on energy consumption in Quarter 2 and Quarter 3 2022.

Manufacturing output in Quarter 3 2022 is 1.3% above its pre-coronavirus levels, with water supply; sewerage, waste management and remediation activities being 13.2% above and mining and quarrying being 8.7% below.

The fall in production output in the latest quarter was driven by declines in all the main production sectors (Figure 5). There was a fall in manufacturing output of 2.8%; electricity, gas, steam and air conditioning supply (negative 2.1%), water supply; sewerage, waste management and remediation activities (negative 2.1%) and mining and quarrying (negative 1.3%).

All 13 manufacturing sub-sectors reported a fall in output in the latest quarter with the largest declines reported by manufacture of transport equipment, manufacture of basic metals and manufacture of food products, beverages and tobacco. As reported in our [GDP monthly estimate, UK: August 2022 bulletin](#), there were mixed comments from manufacturers with some firms suggesting shortages of supplies, while others reported these challenges were easing.

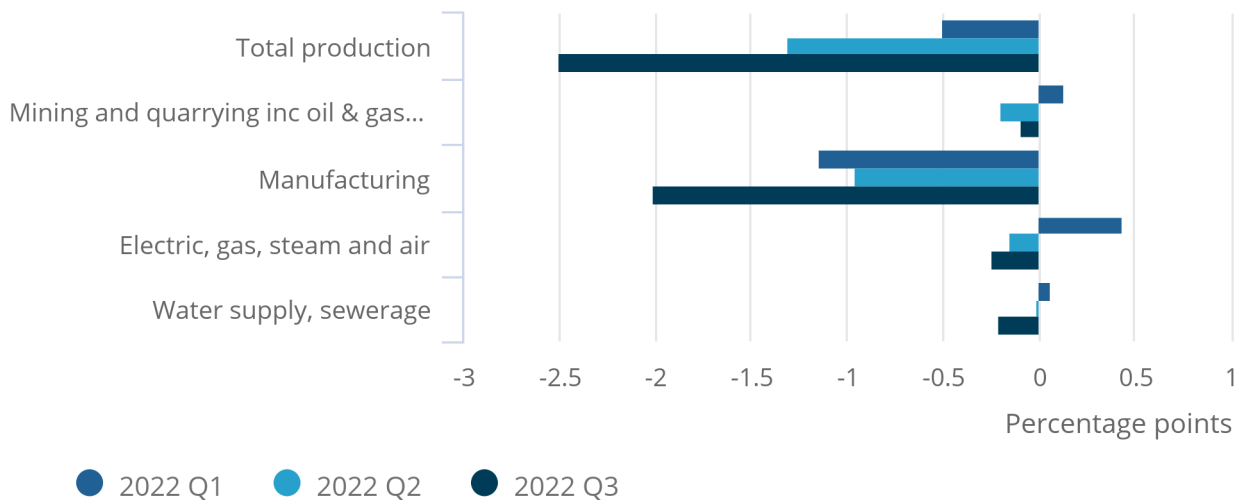
The declines in electricity, gas, steam and air conditioning supply in the latest quarter continue the falling trend from the previous quarter. This mostly reflects falls in energy volumes, as shown in the [Energy trends bulletin](#), which might reflect changes in business and consumer behaviour in response to higher energy prices.

Figure 5: Nearly all the production sectors have seen falls in output in the latest two quarters

UK, contributions to production growth, Quarter 1 (Jan to Mar) to Quarter 3 (July to Sept) 2022

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UK, contributions to production growth, Quarter 1 (Jan to Mar) to Quarter 3 (July to Sept) 2022



Source: Office for National Statistics – GDP quarterly national accounts

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

Construction

There has been a 0.2% decline in the latest estimates of construction output, having previously been estimated to have increased by 0.6%. Construction output is now 3.3% above its pre-coronavirus level, having previously been estimated as being 3.8% above.

Six of the nine sectors saw a fall in Quarter 3 2022 with non-housing repair and maintenance, and infrastructure the main contributors, as these decreased by 2.2% and 2.5% respectively. There is anecdotal evidence to suggest continued price pressures from construction inputs and products, labour market shortages and challenges to recruiting new staff are hindering construction output despite healthy order books.

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- Explore the latest trends in employment, prices and trade in our [economic dashboard](#).
- View [all economic data](#).

4 . Expenditure

Expenditure fell by 0.3% in Quarter 3 (July to Sept) 2022, driven by falls in household consumption. There were also large movements in international trade flows in the third quarter, including that of non-monetary gold, which is particularly volatile. Also, there were large price movements in internationally traded goods and services in Quarter 3 2022, particularly for imports.

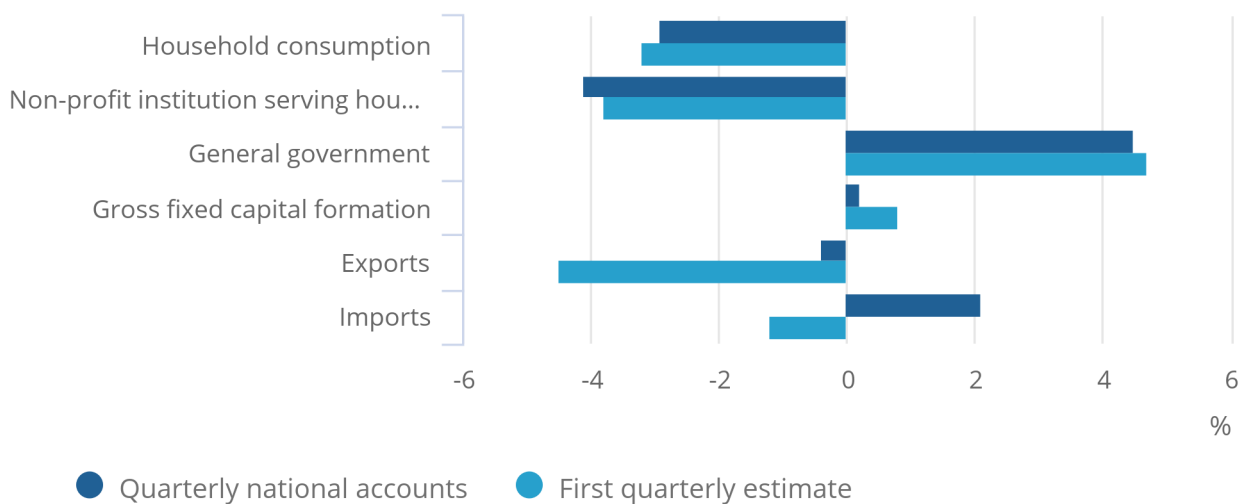
The previous and latest estimates of the level of real spending relative to pre-coronavirus levels are shown in Figure 6. The impact of revisions on real gross domestic expenditure over this period have been minimal, although there have been upward revisions to real spending on exports and imports. For more information, please refer to the trade section of this bulletin.

Figure 6: There has been minimal impact of revisions on real gross domestic expenditure, although revisions to trade have been larger

UK, breakdown of selected expenditure components, percentage change, Quarter 4 (Oct to Dec) 2019 to Quarter 3 (July to Sept) 2022

Figure 6: There has been minimal impact of revisions on real gross domestic expenditure, although revisions to trade have been larger

UK, breakdown of selected expenditure components, percentage change, Quarter 4 (Oct to Dec) 2019 to Quarter 3 (July to Sept) 2022



Source: Office for National Statistics – GDP quarterly national accounts

Notes:

1. The chart for presentation purposes excludes changes in inventories and acquisitions less disposables of assets.

Household consumption

Real household expenditure fell by a revised 1.1% in Quarter 3 2022, which was driven by declines in net tourism, transport, household goods and services, and food and drink. There has been a slowing in real consumption expenditure over the last year, shown in Figure 7, including restaurants and hotels, and recreation and culture, which reflects the cost of living squeeze on households' disposable income.

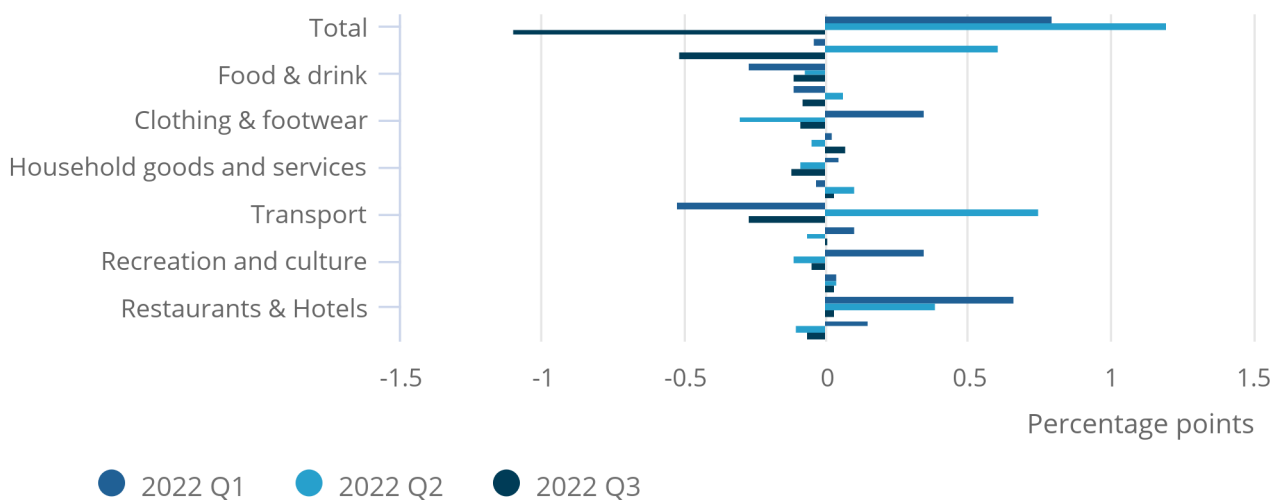
There have been some revisions to the quarterly path in 2022, mainly reflecting revised tourism expenditure. These revisions primarily impact on the national concept of household expenditure (which includes spending by UK residents abroad and excludes foreign nationals' spending in the UK). For fuller details, these concepts are explained in our [Guide to Consumer trends](#) publication ([Definitions and conventions for UK household final consumption expenditure \(HHFCE\)](#)). These net tourism revisions have also been reflected in spending on net trade, therefore there is minimal impact on gross domestic product (GDP).

Figure 7: Spending on transport, health, and restaurants and hotels contributed to the fall in real household consumption this quarter

UK, contributions to household consumption, Quarter 1 (Jan to March) to Quarter 3 (July to Sept) 2022

Figure 7: Spending on transport, health, and restaurants and hotels contributed to the fall in real household consumption this quarter

UK, contributions to household consumption, Quarter 1 (Jan to March) to Quarter 3 (July to Sept) 2022



Source: Office for National Statistics – GDP quarterly national accounts

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 3 2022, revised down from the first estimate of 1.3%. The quarterly increase was driven by higher central government spending, particularly on public administration, and defence and education, offset by falls to spending in local government.

The revisions to real government expenditure in the latest quarter reflect downward revisions to spending on public administration and defence, and central government spending.

Spending on health was revised upwards to 0.2% (previously flat) in Quarter 3 2022 with increases in non-coronavirus (COVID-19) health activity. There was a decline in Quarter 3 2022 compared with Quarter 2 (Apr to June) 2022 in coronavirus activities (including testing and vaccinations), despite the implementation of the autumn booster vaccine campaign.

Nominal government expenditure increased by 2.9% in Quarter 3 2022, which was driven by increases in expenditure on military defence, health and central government.

Gross capital formation

Gross fixed capital formation (GFCF) increased by 1.1% in Quarter 3 2022, revised down from a first estimate increase of 2.5%. The latest quarterly rise was mainly driven by a boost in government investment of 17.3%, although business investment is now estimated to have fallen by 2.5% in Quarter 3 2022. Business investment saw notable revisions to estimates across quarters because of updated survey data, shown in Figure 8. Business investment remains 8.1% below its pre-coronavirus pandemic level.

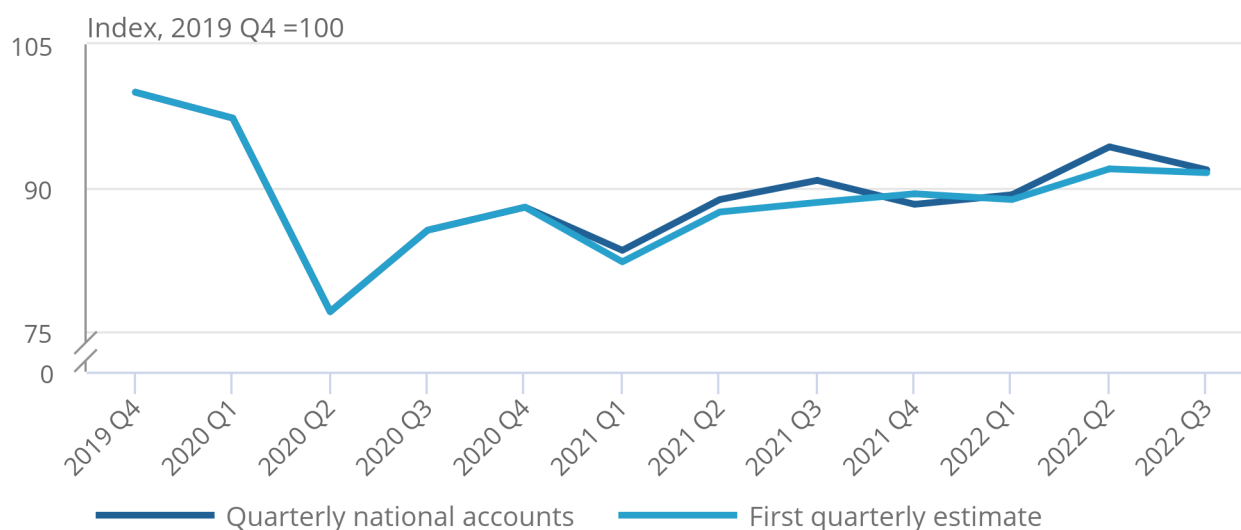
There have been revisions to current price and volume estimates of GFCF, which has an impact on its implied price over the last year in particular. Its implied price increased by 2.1% in Quarter 3 2022, an upward revision from the first estimate of 0.8%. These revisions are because of updated survey and deflator data in particular for manufacturing products, as well as seasonal adjustment changes. The GFCF implied price rose by 7.4% relative to the same quarter a year ago.

Figure 8: Business investment is now estimated to be 8.1% below its pre-coronavirus pandemic level

UK, Quarter 4 (Oct to Dec) 2019 to Quarter 3 (July to Sept) 2022

Figure 8: Business investment is now estimated to be 8.1% below its pre-coronavirus pandemic level

UK, Quarter 4 (Oct to Dec) 2019 to Quarter 3 (July to Sept) 2022



Source: Office for National Statistics – GDP quarterly national accounts

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 adjustment, estimates show that inventories fell by £5.2 billion in Quarter 3 2022. The fall in inventories was driven by reductions particularly for retail and manufacturing industries.

Anecdotal evidence shows that the retail sector showed reductions in stock following increased stockpiling earlier in the year relating to supply chain uncertainties. For manufacturing industries, these were affected by lack of availability in raw materials.

Table 2: Change in inventories, including and excluding balancing and alignment adjustments
UK, Quarter 1 (Jan to Mar) to Quarter 3 (July to Sept) 2022

		Change in Inventories	Of which alignment	Of which balancing	Change in Inventories excluding alignment and balancing
2022 Q1	Current price	14681	421		14260
2022 Q1	Chained volume measure	10755	395		10360
2022 Q2	Current price	14577	5464		9113
2022 Q2	Chained volume measure	8152	4959		3193
2022 Q3	Current price	7640	5455		2185
2022 Q3	Chained volume measure	-356	4854		-5210

Source: Office for National Statistics – GDP quarterly national accounts

Notes

1. Data are in £ millions.
2. Q1 refers to Quarter 1 (Jan to Mar), Quarter 2 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

Our trade in goods estimates are primarily based on data collected by HM Revenue and Customs (HMRC). A [recent HMRC data collection change](#) affected our EU to Great Britain import and export statistics. Our article explaining the [impact of trade in goods data collection changes on UK trade statistics: 2020 to 2022](#) provides more detail on the discontinuity between the two compilation methods.

As part of this release, our estimates of goods imports from the EU for the period January to December 2021 have been updated to address the difference in the timing of the data collection change for imports compared with exports. These revised estimates will also be published in [UK trade: November 2022](#) on 13 January 2023, at which point we intend to publish a short article summarising changes to the estimates.

Our trade estimates have also seen revisions because of incorporating [HMRC data updates](#) to trade in goods imports, primarily in 2022, updated annual International Trade in Services Survey data for 2021 and updated data in travel services.

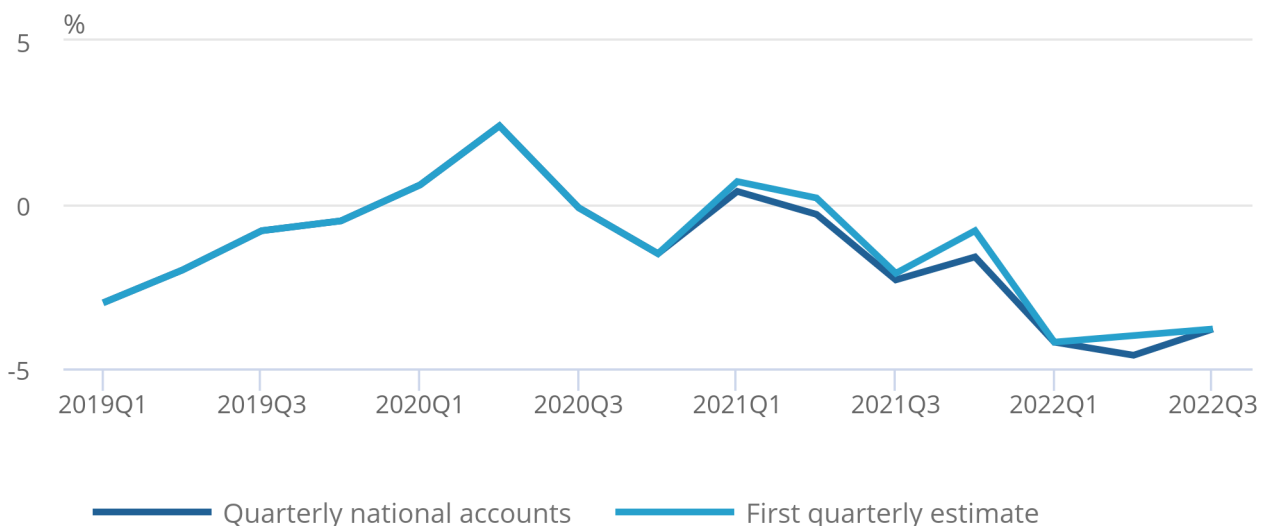
The UK's trade deficit for goods and services was 1.7% of nominal gross domestic product (GDP) in Quarter 3 2022, revised upwards from a first estimate deficit of 2.0%. However, there have been large movements in non-monetary gold over the last quarter, which can be volatile. Excluding non-monetary gold, the trade deficit was 3.8% of nominal GDP in Quarter 3 2022 (Figure 9).

Figure 9: The UK's trade deficit for goods and services improved in Quarter 3 2022

UK, trade balance as a percentage of nominal GDP, excluding non-monetary gold, Quarter 1 (Jan to Mar) 2019 to Quarter 3 (July to Sept) 2022

Figure 9: The UK's trade deficit for goods and services improved in Quarter 3 2022

UK, trade balance as a percentage of nominal GDP, excluding non-monetary gold, Quarter 1 (Jan to Mar) 2019 to Quarter 3 (July to Sept) 2022



Source: Office for National Statistics – GDP quarterly national accounts

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 increased by a revised 8.9% in the latest quarter, driven by a 16.8% rise in exports of goods volumes. The increase in goods exports was driven by rises in unspecified goods largely because of non-monetary gold. There were also increases in the exports of machinery and transport equipment, and fuels.

Import volumes fell by a revised 3.6% in the latest quarter, driven by falls in chemicals, material manufactures, miscellaneous manufactures, and unspecified goods. There has been a further fall in the UK terms of trade in the year to Quarter 3 2022, as import prices have increased by more than export prices, primarily reflecting the effects of the UK being a net energy importer.

5 . Income

Nominal gross domestic product (GDP) increased by 1.6% in Quarter 3 (July to Sept) 2022, revised from the previous estimate of 1.0%. Nominal GDP is now 10.2% above its pre coronavirus (COVID-19) Quarter 4 (Oct to Dec) 2019 levels.

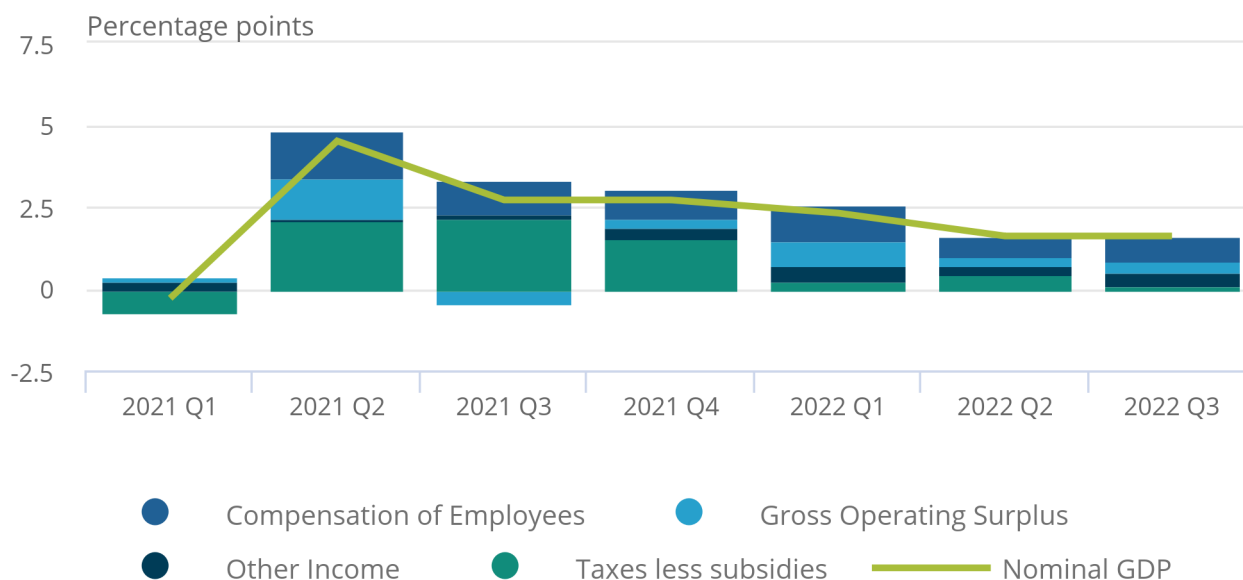
The latest quarterly rise in nominal GDP was driven by an increase in compensation of employees as well as positive contributions from taxes less subsidies and other income (Figure 10). Compensation of employees rose by 1.5% in Quarter 3 2022, driven by a rise in wages and salaries of 1.7%.

Figure 10: Nominal gross domestic product (GDP) saw growth of 1.6% in Quarter 3 2022

UK, Quarter 1 (Jan to Mar) 2021 to Quarter 3 (July to Sept) 2022

Figure 10: Nominal gross domestic product (GDP) saw growth of 1.6% in Quarter 3 2022

UK, Quarter 1 (Jan to Mar) 2021 to Quarter 3 (July to Sept) 2022



Source: Office for National Statistics – GDP quarterly national accounts

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2. Components' contributions may not sum to total because of rounding.
3. Please note, the alignment adjustment is included in the gross operating surplus of nominal GDP.

Taxes less subsidies increased by 1.1% in Quarter 3 2022. The rise in taxes was driven by an increase in Value Added Tax (VAT), tobacco and Air Passenger Duty. This was partially offset by a fall in Fuel Duty. Elsewhere, there was a rise in other income, driven by an increase in other gross operating surplus (GOS) offset by a fall in mixed income.

The GOS of corporations was revised upwards to growth of 1.6% in Quarter 3 2022. Excluding the alignment adjustment, GOS of corporations increased by 1.2% in the latest quarter. The rise in GOS reflects growth for all corporation types in the latest quarter and was driven by increases in financial corporations (3.7%), private non-financial corporations (0.9%) and public corporations (8.0%).

Table 3: Gross operating surplus of private non-financial corporations, including and excluding balancing and alignment adjustments
UK, Quarter 1 (Jan to Mar) to Quarter 3 (July to Sept) 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	130344	-2136	132480		4.4
2022 Q2	132185	-261	132446		0.0
2022 Q3	134265	180	134085		1.2

Source: Office for National Statistics – GDP quarterly national accounts

Notes

1. Data are in £ millions unless labelled otherwise. Growth rates are percentage movements.
2. Q1 refers to Quarter 1 (Jan to Mar), Quarter 2 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

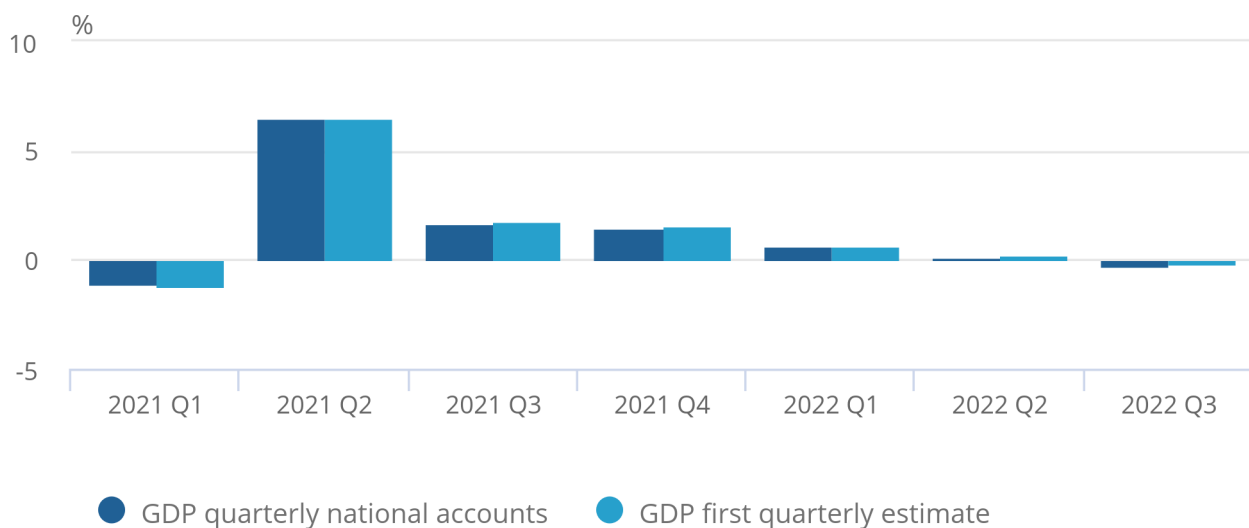
In line with the [National Accounts Revisions Policy](#), the dataset is open to revision back to Quarter 1 (Jan to Mar) 2021 as part of this bulletin. The revised estimates of average real gross domestic product (GDP) compared with the first estimate are shown in Figure 11.

Figure 11: There have been downward revisions to previous estimates of the change in real GDP since Quarter 3 2021

UK, Quarter 1 (Jan to Mar) 2021 to Quarter 3 (July to Sept) 2022

Figure 11: There have been downward revisions to previous estimates of the change in real GDP since Quarter 3 2021

UK, Quarter 1 (Jan to Mar) 2021 to Quarter 3 (July to Sept) 2022



Source: Office for National Statistics – GDP quarterly national accounts

Notes:

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The revisions to quarter-on-quarter growth for the components of GDP are shown in Table 4. This release includes the processing and GDP balancing of a number of annual benchmark data for 2021, including the annual International Trade in Services Survey.

We have also incorporated Value Added Tax (VAT) turnover data up to Quarter 2 (Apr to June) 2022 to 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) 2021 to Quarter 3 (July to Sept) 2022

	Percentage points						
	2021 Q1	2021 Q2	2021 Q3	2021 Q4	2022 Q1	2022 Q2	2022 Q3
Average GDP in chained volume measures	0.1	0.0	-0.1	-0.1	-0.1	-0.1	-0.1
Output							
Production	0.1	-0.3	0.3	-0.3	0.1	-1.1	-1.0
Construction	0.1	0.0	-0.5	0.4	0.2	0.0	-0.8
Services	0.0	-0.3	0.0	-0.1	-0.2	0.0	0.1
Expenditure							
Households	0.2	0.0	0.0	-0.5	0.2	1.1	-0.6
Non-profit institutions serving households	-1.1	-0.3	1.8	-0.3	-0.2	-0.3	0.1
General government	-0.2	0.2	0.1	-0.1	0.5	0.1	-0.8
Gross fixed capital formation	-0.2	1.4	0.2	-1.6	1.3	-0.3	-1.4
Total exports	2.6	-0.9	-0.2	2.3	-0.5	0.2	0.9
Total imports	2.3	-0.2	0.1	3.0	-3.7	1.6	-0.4
Average GDP in current prices	-0.4	0.1	0.3	-0.3	-0.4	0.2	0.6
Income							
Compensation of employees	-0.1	0.3	0.1	0.0	-0.1	0.0	0.3
Gross operating surplus of corporations	-1.7	1.6	0.9	-0.9	-0.4	0.7	1.3
Other income	0.1	-0.7	0.5	0.5	0.0	0.0	1.2
Taxes on products & production less subsidies	-0.4	0.8	0.4	-0.1	0.1	0.0	-0.2

Source: Office for National Statistics – GDP quarterly national accounts

Notes

1. Q1 refers to Quarter 1 (Jan to Mar)
2. Quarter 2 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. Revisions are between the GDP first quarterly estimate published 11 November 2022 and quarterly national accounts published 22 December 2022.

7 . Quarterly Sector Accounts

Households' saving ratio (seasonally adjusted)

The households' saving ratio increased strongly to 9.0% in Quarter 3 (July to Sept) 2022, from 6.7% in the previous quarter (Figure 12). Without the adjustment for the change in pension entitlements, the saving ratio would not have increased as much in the latest quarter, with non-pension saving increasing less to 1.8% in the latest quarter from 1.3% in Quarter 2 (Apr to June) 2022.

Driving the 9.0% headline households' saving ratio, investment income payable on pension entitlements reached the highest level on record at £30.5 billion, increasing by £7.6 billion compared with the previous quarter. Included in the headline saving ratio, the adjustment for the change in pension entitlements is a form of deferred income and cannot be accessed until retirement, meaning that this ratio may occasionally not reflect the current incomes and saving of households. As such, this income from pension funds tends to be a less visible form of household income.

The growth in the adjustment for the change in pension entitlements was primarily because of a combination of economic factors in Quarter 3 2022, which caused gilt yields to continue to rise sharply as UK gilt prices fell. Rising gilt yields can impact upon pension actuarial modelling assumptions as they are used as part of the calculation of the amount of pension investment income attributable to private, defined benefit pension schemes during the quarter. For further methodology on estimation of pensions in the national accounts, see the [Impact on household contribution supplements and saving section](#).

The small increase in non-pension saving reflects social benefits other than social transfers in kind growing by a record amount of £5.7 billion on the quarter as government cost of living and winter fuel payments increased. Additionally, wages and salaries showed a £4.5 billion increase on Quarter 2 2022, as private sector earnings and employee numbers grew.

Household final consumption expenditure, deducted from households' total income to create households' saving, rose by 1.2% compared with Quarter 2 2022. This is the weakest nominal quarterly growth in consumer spending since the third national lockdown-affected Quarter 1 (Jan to Mar) 2021, when expenditure fell by 2.6%.

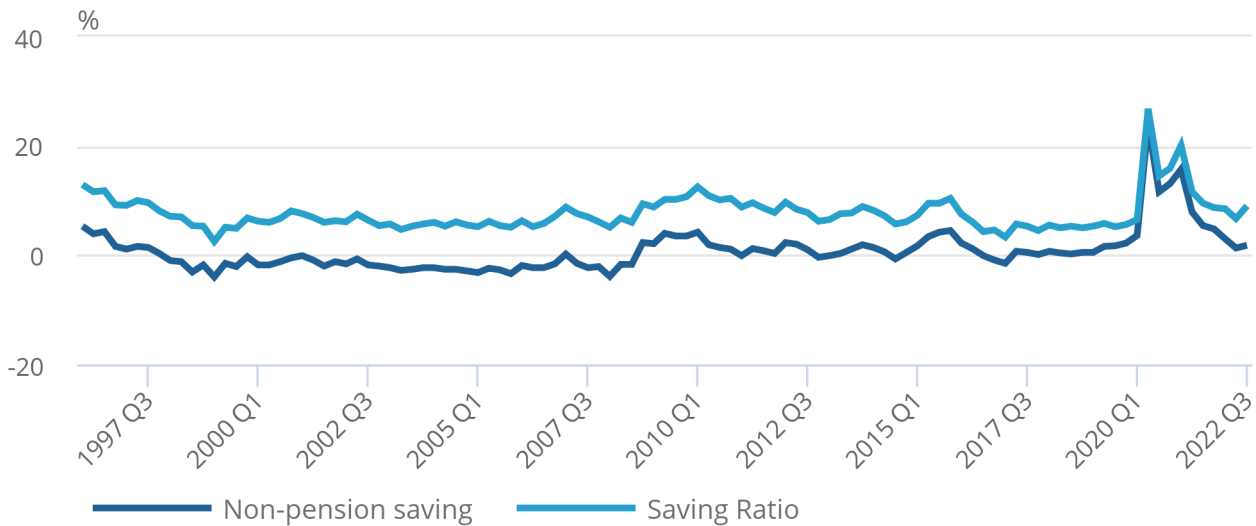
The main contributor to the weakness in spending this quarter was expenditure abroad by UK residents. This fell by £2.9 billion compared with the previous quarter. In contrast, households' final consumption expenditure grew on consumption-related financial intermediation services indirectly measured (FISIM), gas and electricity, and imputed rental. However, after the deduction of inflation, household spending fell by 1.1% in Quarter 3 2022. This is the first time we have seen a fall in real terms in consumer expenditure since Quarter 1 2021.

Figure 12: Without the adjustment for pension entitlements, the household saving ratio would be much weaker in recent periods

UK household saving ratio, percentage, Quarter 1 (Jan to Mar) 2016 to Quarter 3 (July to Sept) 2022

Figure 12: Without the adjustment for pension entitlements, the household saving ratio would be much weaker in recent periods

UK household saving ratio, percentage, Quarter 1 (Jan to Mar) 2016 to Quarter 3 (July to Sept) 2022



Source: Office for National Statistics – Quarterly sector accounts

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-pension saving is calculated as gross saving minus the adjustment for pension entitlements (D8) divided by total resources.

Real households' disposable income (seasonally adjusted)

Real households' disposable income (RHDI) fell by 0.5% this quarter. This is the fourth consecutive quarter of negative growth in RHDI. Within RHDI, nominal gross disposable income rose 1.8%. With the adjustment for the change in pension entitlements not affecting the calculation of disposable income, growth in social benefits other than social transfers in kind, and wages and salaries drove nominal income growth this quarter.

However, the household expenditure implied deflator grew by 2.4%, therefore outpacing nominal income growth. This is weaker inflation growth than seen in the previous quarter as price growth on spending at restaurants and cafes as well as on UK tourist expenditure overseas eased slightly. Driving the quarterly growth in the household deflator are increases in FISIM, housing costs (such as gas and electricity), transport, miscellaneous goods and services, and food and non-alcoholic beverages.

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

The UK's borrowing position with the rest of the world as a percentage of gross domestic product (GDP) decreased to 3.2% in Quarter 3 2022 from 5.8% in Quarter 2 2022. This is driven by both trade in goods and services. Within goods we saw a large export of non-monetary gold of £13.0 billion and a record surplus in trade in services, which increased by £5.5 billion on the quarter.

Within the UK, households saw an increase in their net lending position to 2.1% as a percentage of GDP from 0.8% as a percentage of GDP in Quarter 2 2022. This was driven by increased property income receipts of £10.6 billion, net social benefit other than social transfers in kind increasing by a record £5.7 billion and a rise in wages and salaries of £4.5 billion predominately in the private sector. Pension savings increased as described in the saving ratio section.

General government saw a small improvement in its net borrowing to 4.2% as a percentage of GDP in Quarter 3 2022 from borrowing of 4.4% as a percentage of GDP in Quarter 2. Central government saw taxes on income rise by £3.7 billion and a reduction in current transfers paid out of £3.3 billion. Social benefits other than social transfers in kind increased by £5.9 billion driven by cost of living payments, a record quarterly movement in this data series.

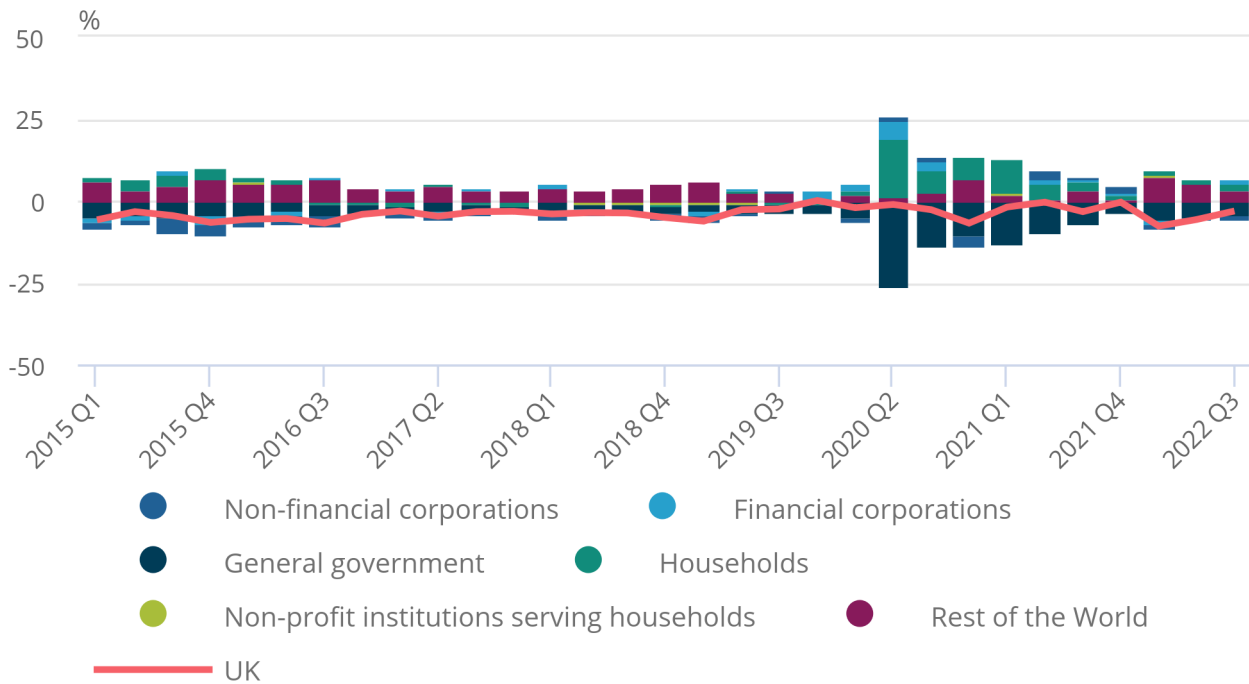
Non-financial corporations saw an increase in their net borrowing to 1.3% as a percentage of GDP in Quarter 3 2022 from 0.7% as a percentage of GDP in Quarter 2. Private non-financial corporations' borrowing position grew by £4.2 billion driven by a fall in net property income, which itself was driven by falls in income from foreign direct investment and dividends received. Changes in inventories dropped by £6.9 billion this quarter from a large value in Quarter 2 2022. The fall in inventories was particularly seen in the retail and manufacturing industries.

Figure 13: The decrease in UK net borrowing was driven by higher financial corporations and household net lending

Net lending (+) or borrowing (-) position by institutional sector as a percentage of gross domestic product (GDP), seasonally adjusted, Quarter 1 (Jan to Mar) 2015 to Quarter 3 (July to Sept) 2022

Figure 13: The decrease in UK net borrowing was driven by higher financial corporations and household net lending

Net lending (+) or borrowing (-) position by institutional sector as a percentage of gross domestic product (GDP), seasonally adjusted, Quarter 1 (Jan to Mar) 2015 to Quarter 3 (July to Sept) 2022



Source: Office for National Statistics – Quarterly sector accounts

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. NPISH refers to non-profit institutions serving households.

Financial account net lending and borrowing (not seasonally adjusted)

Households decreased their net lending in the financial account to £21.6 billion in Quarter 3 2022 from £23.4 billion in Quarter 2 2022. This reflects increased liability growth of £11.2 billion in long-term loans offset by increases in pension entitlements of £7.7 billion. See discussion on pension entitlements in the saving ratio section.

General government decreased their net borrowing in Quarter 3 2022 to £29.9 billion from borrowing of £44.5 billion in the previous quarter. Within general government, central government decreased their net borrowing to £27.4 billion in Quarter 3 2022 from £47.5 billion in the previous quarter because of a decrease in gilt liabilities of £67.5 billion, partially offset by decreased net other deposits of £26.1 billion.

Non-financial corporations switched to net lending of £0.7 billion in Quarter 3 2022 from borrowing of £2.3 billion in the previous quarter. In the sub-sectors, private non-financial corporations decreased their borrowing to £0.4 billion in Quarter 3 2022 from borrowing of £2.7 billion in the previous quarter. This was primarily driven by decreased net loans of £7.3 billion. Public corporations increased their net lending to £1.2 billion from lending of £0.4 billion in the previous quarter via their deposits with UK monetary financial institutions.

Financial corporations switched to net lending in Quarter 3 2022 of £11.7 billion from net borrowing of £0.3 billion in Quarter 2 2022. This was driven by an increase in net deposits of £89.6 billion offset by a decrease in net loans of £73.5 billion.

8 . International comparisons

Table 5: GDP growth for the G7 economies

Percentage change, nominal and real gross domestic product (GDP) Quarter 3 (July to Sept) 2022, and GDP implied deflator quarter on quarter a year ago growth

Country	Q3 2022 Quarter on Quarter growth (%)		Q3 2022 Quarter on Quarter a year ago growth (%)
	Nominal GDP	Real GDP	Implied Deflator
Canada	-0.7	0.7	6.9
France	1.4	0.2	3.1
Germany	1.4	0.4	4.6
Italy	0.4	0.5	1.8
Japan	-0.7	-0.2	-0.6
United Kingdom	1.6	-0.3	6.4
United States	1.8	0.7	7.1

Source: Office for National Statistics – GDP quarterly national accounts, Organisation for Economic 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. The Group of Seven (G7) is an intergovernmental organisation, which consists of the United States, UK, France, Germany, Italy, Canada and Japan. Data as of 20 December 2022.

9 . GDP quarterly national accounts data

[GDP – data tables](#)

Dataset | Released 22 December 2022

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 22 December 2022

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 22 December 2022

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 the [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. However, 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.

Because of quarterly GDP being a balanced measure of the three approaches and the output approach focusing solely on growth in gross value added (GVA) and output as a proxy for GDP, there is a difference in data (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 quarterly national accounts datasets](#), 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 recent article, [Recent challenges of balancing the three approaches of GDP](#).

In this quarter, the alignment adjustment, used to align expenditure to average GDP, is larger than normal (Table 2). This approach preserves the component-level movements and shows the level of challenge and uncertainty currently within the expenditure approach to GDP. Work will continue with a focus on the expenditure approach 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) 2021 to Quarter 3 (July to Sept) 2022

GDP measurement approach and component adjustment applied to		2021 Q1	2021 Q2	2021 Q3	2021 Q4	2022 Q1	2022 Q2	2022 Q3
Expenditure								
Trade in services	Current price	-1000	1000			500	1000	
	Chained volume measures	-1000	1000			1000	2000	1000

Source: Office for National Statistics – GDP quarterly national accounts

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 the [dataset](#). A full breakdown of the monthly data consistent with this quarterly release will be available in the next monthly GDP release (on 13 January 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 the [Guide to the UK National Accounts](#) and more quality and methodology information (QMI) is available in the [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 the [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 2021 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 recently published [blog](#), Why has UK GDP fallen so sharply in the pandemic?

13 . Related links

[GDP first quarterly estimate, UK: July to Sept 2022](#)

Bulletin | Released 11 November 2022 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 22 December 2022, ONS website, statistical bulletin, [GDP quarterly national accounts, UK: July to September 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
2019	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
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
Seasonally adjusted									
2020 Q2	85.0	86.6	77.2	77.5	74.2	77.8	110.3	110.2	111.8
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	108.4	108.2	99.8	100.6	98.0	100.3	110.2	108.6	107.6
Q2	110.1	109.9	99.8	100.6	99.1	100.2	112.0	110.3	109.2
Q3	111.9	111.7	99.5	100.3	97.3	99.4	115.0	112.4	111.4
Percentage change, latest year on previous year									
	IHYM	KGL6	IHYP	KGM7	KH6X	L489	KH7D	IHYS	KGM4
2019	3.8	3.9	1.6	1.7	3.2	1.6	1.9	2.1	2.1
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
Percentage change, latest quarter on previous quarter									
	IHYN	KGL8	IHYQ	KGM9	KH6Z		KH7E	IHYT	KGM5
2020 Q2	-15.0	-13.8	-21.0	-21.0	-23.2	-21.2	8.3	7.6	9.1
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	2.4	0.6	0.6	-2.5	1.2	2.6	1.7	1.8
Q2	1.6	1.5	0.1	-	1.1	-0.1	1.7	1.5	1.5
Q3	1.6	1.7	-0.3	-0.3	-1.8	-0.8	2.7	1.9	2.0
Percentage change, latest quarter on corresponding quarter of previous year									
	IHYO	KGM2	IHYR	KGN3	KH73	L48D	KH7F	IHYU	KGM6
2020 Q2	-14.5	-12.9	-22.6	-22.2	-26.0	-21.7	10.7	10.6	12.1
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	11.6	10.7	10.8	8.1	9.0	3.5	1.8	0.8
Q2	9.6	9.0	4.0	4.0	2.0	3.8	7.4	5.4	4.8
Q3	8.4	8.3	1.9	1.9	-1.1	1.4	8.9	6.4	6.3

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	
2019	2 237 428	-916	2 238 348	238 191	2 000 157	2 238 348	238 191	2 000 157	1 981 955	
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	
Seasonally adjusted										
2020 Q2	458 800	-17 050	475 850	42 782	433 068	431 794	44 452	387 342	382 732	
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	600 852	-5 553	606 405	65 116	541 289	558 252	55 378	502 874	498 966	
Q2	616 578	584	615 994	66 443	549 551	558 600	55 492	503 108	499 280	
Q3	622 446	-3 563	626 009	67 231	558 778	556 856	55 309	501 547	497 782	
Percentage change, latest year on previous year										
	KH74		IHYM		KGL6	IHYP		KGM7	KLH8	
2019	5.1		3.8		3.9	1.6		1.7	1.7	
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	
Percentage change, latest quarter on previous quarter										
	KH75		IHYN		KGL8	IHYQ		KGM9		
2020 Q2	-16.7		-15.0		-13.8	-21.0		-21.0	-21.2	
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	-0.1		2.3		2.4	0.6		0.6	0.6	
Q2	2.6		1.6		1.5	0.1		-	0.1	
Q3	1.0		1.6		1.7	-0.3		-0.3	-0.3	
Percentage change, latest quarter on corresponding quarter of previous year										
	KH76		IHYO		KGM2	IHYR		KGN3	KLH9	
2020 Q2	-18.0		-14.5		-12.9	-22.6		-22.2	-22.5	
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	11.9		12.7		11.6	10.7		10.8	10.9	
Q2	9.4		9.6		9.0	4.0		4.0	3.8	
Q3	7.4		8.4		8.3	1.9		1.9	1.9	

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- ⁵	Distrib- ution, hotels & restaurants	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
2019	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
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
Seasonally adjusted														
2020 Q2	91.1	99.3	83.8	103.5	100.1	88.7	63.4	56.8	76.8	92.7	63.5	76.6	77.5	77.2
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	89.6	106.9	111.5	115.9	106.8	102.1	88.2	102.1	104.2	95.3	98.6	100.6	100.7
Q2	106.0	87.1	105.5	110.0	115.8	105.4	103.2	88.4	102.3	105.0	94.6	98.9	100.6	100.8
Q3	106.0	86.0	102.6	107.7	113.4	102.8	103.0	87.7	102.3	105.1	95.0	98.9	100.3	100.5
Percentage change, latest year on previous year														
	L3BB	L3BH	L3BN	L3DM	L3DQ	L3BG	L3DW	L3GP	KI8L	KI8N	KI8P	L3E2	KGM7	KLH8
2019	16.9	2.2	1.2	14.0	-0.3	2.3	1.5	0.5	6.4	-0.1	2.4	1.5	1.7	1.7
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
Percentage change, latest quarter on previous quarter														
													KGM9	
2020 Q2	-11.3	2.6	-18.0	-3.6	-4.0	-13.5	-35.4	-36.9	-19.6	-8.3	-34.1	-21.2	-21.0	-21.2
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	2.0	-1.6	4.0	0.6	-0.5	3.1	0.1	3.9	0.7	-0.7	0.6	0.6	0.6
Q2	0.7	-2.8	-1.3	-1.3	-0.1	-1.3	1.1	0.3	0.2	0.8	-0.7	0.2	-	0.1
Q3	-	-1.3	-2.8	-2.1	-2.1	-2.5	-0.2	-0.8	-	0.1	0.4	0.1	-0.3	-0.3
Percentage change, latest quarter on corresponding quarter of previous year														
	L3ZZ	L427	L42D	L44C	L44G	L426	L44M	L47F	KI12	KI19	KI18	L44Q	KGN3	KLH9
2020 Q2	-7.0	0.4	-15.1	4.5	-0.3	-10.4	-36.4	-43.7	-23.6	-6.5	-36.2	-23.3	-22.2	-22.5
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	-0.4	-2.4	-5.1	4.0	-2.0	6.8	25.7	13.8	4.5	23.6	13.3	10.8	10.9
Q2	5.3	19.2	-4.9	-10.4	3.4	-3.5	4.0	3.3	9.9	4.1	6.8	5.4	4.0	3.8
Q3	1.5	-5.4	-6.8	-3.1	0.4	-5.6	5.5	-2.2	7.8	3.2	3.3	3.0	1.9	1.9

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.

5 Please note, as part of Blue Book 2021 double-deflated industry-level GVA was introduced for the first time. As a result, volume estimates in the monthly GDP and construction outputs releases will differ from 1997 to 2020 because the construction publication measures the volume of construction work (output), while the GDP series measures GVA (that is, output minus intermediate consumption). Construction GVA estimates from January 2021 will be informed by the construction output release but may not exactly align.

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
2019	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
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
Seasonally adjusted											
2020 Q2	69.0	76.8	15.3	98.8	99.8	81.1	96.4	55.3	50.9	59.6	76.6
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	83.8	102.1	102.0	105.1	99.2	108.9	100.4	97.4	91.8	90.2	98.6
Q2	82.6	102.3	107.6	105.4	99.3	110.8	100.8	98.4	88.4	91.1	98.9
Q3	81.9	102.3	107.5	105.3	99.3	111.4	101.6	100.0	88.6	89.2	98.9
Percentage change, latest year on previous year											
	L3E4	KI8L	L3EG	L3EU	L3F2	L3F7	L3FW	L3FY	L3G2	L3GT	L3E2
2019	-0.4	6.4	3.5	-2.5	1.7	-0.3	5.3	6.4	-1.6	0.2	1.5
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
Percentage change, latest quarter on previous quarter											
2020 Q2	-23.2	-19.6	-83.2	-2.1	-0.8	-20.2	-0.8	-38.1	-49.9	-38.1	-21.2
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	-1.8	3.9	5.7	-1.3	-0.3	2.8	1.0	0.2	-4.0	2.5	0.6
Q2	-1.4	0.2	5.5	0.2	0.1	1.7	0.4	1.0	-3.7	1.0	0.2
Q3	-0.9	-	-	-0.1	-0.1	0.5	0.8	1.6	0.2	-2.1	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 Q2	-31.9	-23.6	-84.7	0.1	-0.1	-17.8	-3.4	-44.7	-49.0	-39.3	-23.3
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	6.6	13.8	152.8	-	-1.4	14.3	6.6	26.2	37.0	23.0	13.3
Q2	-6.0	9.9	39.6	-	-0.7	11.9	3.5	1.5	11.5	13.9	5.4
Q3	-5.4	7.8	7.6	0.5	-0.3	8.9	2.9	2.3	2.1	8.9	3.0

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 adjustments	Acquisitions less disposals of valuables ⁵	Total	Total exports	Gross final expenditure	less imports	Total	Trade balance ⁶		
ABJQ	HAYE	NMRP	NPQS	NPEK	CAEX	DMUN	NPJQ	YBIL	IKBH	ABMF	IKBI	IKBJ	GIXM	YBHA	
2019	1 387 664	52 377	425 579	403 365	224 357	2 631	–	2 880 227	496 699	654 297	150 735	802	–36 148	–	2 238 348
2020	1 214 474	48 409	475 114	365 882	201 125	–2 851	–	1 006 210	2 037 616	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	284 295	221 682	323	–28 039	–652	2 270 246
Seasonally adjusted															
2020 Q2	259 550	11 525	121 295	80 263	44 763	–8 481	–3 134	–8 672	455 481	145 317	600 798	124 948	20 369	–	475 850
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	361 544	12 862	132 826	108 428	54 861	14 681	421	8 362	638 703	178 925	817 628	214 339	–35 414	3 116	606 405
Q2	376 225	12 989	127 665	109 127	56 820	14 577	5 464	2 456	643 039	195 782	838 821	225 994	–30 212	3 167	615 994
Q3	380 644	13 155	131 369	112 691	58 787	7 640	5 455	–11 974	633 525	219 066	852 591	229 801	–10 735	3 219	626 009
Percentage change, latest year on previous year															
	KG77	KGZ8	KH2C	KG6O	KG6N			KGX3	KH2O	KG7V	KH3H				IHYM
2019	2.6	5.8	6.8	4.5	3.8			3.8	3.8	3.8	4.1				3.8
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
Percentage change, latest quarter on previous quarter															
	KG78	KGZ9	KH2D	KG6W	KG6V			KGX4	KH2P	KG78	KH3I				IHYN
2020 Q2	–23.0	–12.4	11.4	–18.2	–20.5			–18.2	–13.9	–17.2	–24.7				–15.0
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	2.9	0.5	4.1	7.1	5.5			7.0	–2.6	4.8	13.1				2.3
Q2	4.1	1.0	–3.9	0.6	3.6			0.7	9.4	2.6	5.4				1.6
Q3	1.2	1.3	2.9	3.3	3.5			–1.5	11.9	1.6	1.7				1.6
Percentage change, latest quarter on corresponding quarter of previous year															
	KG79	KH22	KH2E	KG76	KG75			KGX5	KH2Q	KG79	KH3J				IHYO
2020 Q2	–25.3	–13.4	14.7	–19.5	–19.5			–19.9	–13.5	–18.4	–30.6				–14.5
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	21.1	10.3	3.2	16.1	14.4			17.2	18.6	17.5	36.7				12.7
Q2	13.6	6.5	1.4	11.7	12.0			14.1	20.8	15.6	39.2				9.6
Q3	10.3	4.5	4.2	11.4	9.3			6.7	39.1	13.5	32.3				8.4

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	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			
ABJR	HAYO	NMRY	NPQT	NPEL	CAFU	DMUM	NPJR	YBIM	IKBK	ABMG	IKBL	IKBM	GIXS	ABMI	
2019	1 387 664	52 377	425 579	403 365	225 260	2 631	–	2 880 2 274	496 699	654 2 974	150 735	802	–36 148	–	2 238 348
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
Seasonally adjusted															
2020 Q2	259 158	8 860	85 179	78 812	43 963	–10 347	–2 868.0	–8 702	412 961	146 526	559 487	127 693	18 833	–	431 794
Q3	308 681	10 477	100 663	91 209	48 806	–4 848	249.0	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	2 970.0	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	1 217.0	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	–2 739.0	–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	1 411.0	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	111.0	–2 847	556 017	171 075	727 092	173 816	–2 741	1 545	554 821
2022 Q1	336 153	11 742	113 627	101 428	50 916	10 755	395.0	6 087	579 792	162 439	742 231	186 848	–24 409	2 869	558 252
Q2	340 088	12 054	112 039	99 704	53 737	8 152	4 959.0	2 135	574 172	168 648	742 820	187 092	–18 444	2 872	558 600
Q3	336 250	12 094	112 586	100 838	52 398	–356	4 854.0	–10 616	550 796	183 627	734 423	180 430	3 197	2 863	556 856
Percentage change, latest year on previous year															
2019	KGZ5	KH26	KH2I	KG7N	KG7M			KGX9	KH2U	KGW5	KH3N				IHYP
	1.0	3.0	4.1	1.9	1.3			1.9	1.7	1.9	2.6				1.6
2020	–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
Percentage change, latest quarter on previous quarter															
2020 Q2	KGZ6	KH27	KH2J	KG7Q	KG7P			KGY2	KH2V	KGW6	KH3O				IHYQ
	–22.9	–27.4	–18.2	–18.6	–20.8			–24.4	–12.6	–21.7	–23.8				–21.0
Q3	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	0.8	0.2	–0.6	4.8	1.2			4.3	–5.0	2.1	7.5				0.6
Q2	1.2	2.7	–1.4	–1.7	5.5			–1.0	3.8	0.1	0.1				0.1
Q3	–1.1	0.3	0.5	1.1	–2.5			–4.1	8.9	–1.1	–3.6				–0.3
Percentage change, latest quarter on corresponding quarter of previous year															
2020 Q2	KGZ7	KH28	KH2K	KG7T	KG7S			KGY3	KH2W	KGW7	KH3P				IHYR
	–25.5	–33.0	–20.2	–21.2	–21.4			–27.6	–12.6	–24.2	–29.1				–22.6
Q3	–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	14.4	19.8	8.9	9.5	7.0			13.2	9.5	12.4	20.4				10.7
Q2	5.1	6.0	–0.3	3.5	6.2			6.2	6.8	6.4	17.0				4.0
Q3	1.0	3.9	–0.2	3.7	1.3			–2.0	21.1	2.9	8.1				1.9

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.

D Gross domestic product by category of income: current prices¹

£ million

	Compen- sation of employees			Gross operating surplus of corporations						Gross value added at factor cost	Taxes on products & production less subsidies	Statistical discrepan- cy (income)	Gross domestic product at market prices	
	Wages and Salaries	Employers social contribu- tions	Total	Private non-fin- ancial corporati- ons ²	Of which alignment adjustment	Financial corporati- ons	Public corporati- ons	Total ³	Other income ⁴					
	DTWL	DTWP	DTWM	CAER	DMUQ	NHCZ	CAEQ	CGBZ	CGBX	CGCB	CMVL	GIXQ	YBHA	
2019	899 309	190 848	1 090 157	390 647	–	80 934	11 866	483 447	399 645	1 973 249	265 099	–	2 238 348	
2020	898 500	196 312	1 094 812	387 857	–	83 329	11 746	482 932	399 638	1 977 382	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	209 240	–8 360	2 270 246	
Seasonally adjusted														
2020	Q2	219 146	47 335	266 481	91 493	933	20 216	2 611	114 320	99 323	480 124	–4 274	–	475 850
	Q3	223 430	49 652	273 082	104 290	2 011	19 749	2 988	127 027	99 701	499 810	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	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	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	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	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	67 879	–4 483	592 735
2022	Q1	251 968	53 338	305 306	104 208	–2 136	22 976	3 160	130 344	107 682	543 332	69 250	–6 177	606 405
	Q2	253 891	55 054	308 945	105 496	–261	23 615	3 074	132 185	109 223	550 353	71 917	–6 276	615 994
	Q3	258 155	55 466	313 621	106 468	180	24 478	3 319	134 265	111 808	559 694	72 693	–6 378	626 009
Percentage change, latest year on previous year														
	CWNH	CWNE	KGI3	KH59		KH5L	KH53	KH4V	KH6T	KH6N	KH65		IHYM	
2019	3.9	8.4	4.6	3.8		–1.9	4.2	2.8	3.4	3.9	2.5		3.8	
2020	–0.1	2.9	0.4	–0.7		3.0	–1.0	–0.1	–	0.2	–50.1		–5.8	
2021	6.5	3.7	6.0	2.9		2.5	5.9	2.9	3.0	4.7	58.3		7.6	
Percentage change, latest quarter on previous quarter														
	CWNI	CWNF	KGI4	KH5A		KH5M	KH54	KH4W	KH6U	KH6O	KH66		IHYN	
2020	Q2	–3.3	–2.7	–3.2	–5.1	–12.9	–10.0	–6.7	–0.8	–3.5	–106.9		–15.0	
	Q3	2.0	4.9	2.5	14.0	–2.3	14.4	11.1	0.4	4.1	–904.0		12.3	
	Q4	2.7	2.1	2.6	–8.2	2.1	8.7	–6.2	0.8	–	16.3		1.0	
2021	Q1	0.4	–1.9	–	0.5	3.9	–8.6	0.8	1.4	0.5	–10.9		–0.3	
	Q2	3.1	1.4	2.8	5.5	5.1	9.3	5.5	0.5	2.9	31.4		4.5	
	Q3	2.0	2.1	2.0	–1.2	–4.3	–7.3	–1.9	0.6	0.8	25.9		2.7	
	Q4	1.9	0.7	1.7	1.1	1.4	7.1	1.3	1.6	1.6	15.2		2.7	
2022	Q1	2.1	2.8	2.2	2.8	7.5	–1.9	3.5	2.9	2.6	2.0		2.3	
	Q2	0.8	3.2	1.2	1.2	2.8	–2.7	1.4	1.4	1.3	3.9		1.6	
	Q3	1.7	0.7	1.5	0.9	3.7	8.0	1.6	2.4	1.7	1.1		1.6	
Percentage change, latest quarter on corresponding quarter of previous year														
	CWNJ	CWNG	KGI5	KH5B		KH5N	KH55	KH4X	KH6V	KH6P	KH67		IHYO	
2020	Q2	–2.9	–0.8	–2.6	–2.5	0.7	–13.0	–2.2	–0.5	–2.1	–106.5		–14.5	
	Q3	–1.1	2.5	–0.5	5.5	–3.7	–3.7	3.7	–	0.7	–48.4		–5.2	
	Q4	2.0	4.7	2.5	–7.3	–1.6	5.5	–6.1	–0.6	–0.3	–39.9		–4.9	
2021	Q1	1.7	2.3	1.8	–0.2	–9.7	2.4	–1.9	1.7	0.9	–42.7		–3.9	
	Q2	8.3	6.5	8.0	10.9	9.0	24.3	10.8	3.0	7.7	–1 195.0		18.2	
	Q3	8.4	3.7	7.6	–3.9	6.7	0.7	–2.1	3.3	4.2	71.5		8.1	
	Q4	7.6	2.3	6.7	5.9	6.0	–0.8	5.8	4.1	5.9	69.8		9.8	
2022	Q1	9.4	7.2	9.0	8.4	9.6	6.4	8.5	5.7	8.2	94.4		12.7	
	Q2	6.9	9.2	7.3	4.0	7.2	–5.3	4.3	6.7	6.5	53.7		9.6	
	Q3	6.6	7.7	6.8	6.2	16.1	10.3	8.0	8.6	7.4	23.3		8.4	

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 NATIONAL²

UK DOMESTIC³

COICOP ¹	Net		Total	Food & drink	Alcohol & tobacco	Clothing & footwear	Housing	Household goods & services		Health	Transport	Communi-cation	Recreati-on & culture	Education	Restau-rants & hotels	Miscell-aneous
	Total	tourism						05	06							
			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	
2019	1 387 664	24 283	1 363 381	110 325	46 971	69 852	352 210	66 813	28 609	193 279	27 957	132 386	29 663	143 174	162 142	
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	
Seasonally adjusted																
2020 Q2	259 550	291	259 259	30 643	13 681	11 639	89 416	15 886	4 839	16 993	7 000	24 282	7 530	6 541	30 809	
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	361 544	2 085	359 459	30 338	12 322	19 138	94 171	19 732	6 476	44 800	7 314	35 702	8 664	40 288	40 514	
Q2	376 225	6 351	369 874	31 182	12 794	18 010	97 580	19 792	6 798	47 229	7 195	35 861	8 810	42 914	41 709	
Q3	380 644	4 692	375 952	32 333	12 516	18 012	99 342	19 656	6 992	47 828	7 170	36 082	8 961	43 141	43 919	
Percentage change, latest year on previous year																
2019	KG7	KG6U	KG9N	KG6	KG9N	KG6	KG9N	KG6	KG9N	KG6	KG9N	KG6	KG9N	KG6	KG9N	KG6
	2.6	2.5	3.2	1.1	4.0	1.6	3.1	1.3	2.3	-1.1	5.4	2.3	2.7	2.3		
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		
Percentage change, latest quarter on previous quarter																
2020 Q2	KG8	KG74	KG9R	KG64	KG9R	KG8	KG64	KG9R	KG64	KG9R	KG64	KG9R	KG64	KG9R	KG64	KG9R
	-23.0	-22.1	2.6	14.2	-24.8	0.5	-6.1	-30.2	-60.6	-4.2	-25.1	-1.7	-80.7	-19.3		
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	2.9	3.0	-1.4	-2.7	11.6	1.2	5.0	0.1	1.7	3.2	4.1	1.7	9.6	3.3		
Q2	4.1	2.9	2.8	3.8	-5.9	3.6	0.3	5.0	5.4	-1.6	0.4	1.7	6.5	2.9		
Q3	1.2	1.6	3.7	-2.2	-	1.8	-0.7	2.9	1.3	-0.3	0.6	1.7	0.5	5.3		
Percentage change, latest quarter on corresponding quarter of previous year																
2020 Q2	KG9	KG7C	KG9V	KG65	KG9V	KG9	KG7C	KG9V	KG65	KG9V	KG7C	KG9V	KG65	KG9V	KG7C	KG9V
	-25.3	-24.0	12.3	17.4	-33.0	0.9	-6.5	-32.2	-65.2	0.4	-27.2	1.9	-81.6	-23.3		
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	21.1	20.4	-2.1	-8.6	34.9	3.5	15.7	6.1	52.3	5.1	17.4	7.1	155.1	15.4		
Q2	13.6	12.1	1.7	-5.2	8.0	6.1	3.8	6.6	30.6	0.1	8.9	7.0	46.9	10.1		
Q3	10.3	9.9	7.0	-2.2	7.7	8.6	6.1	6.9	17.4	1.0	7.9	7.0	13.2	15.5		

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	
2019	1 387 664	24 283	1 363 381	558 832	134 513	131 728	292 591	804 549	
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	
Seasonally adjusted									
2020	259 550	291	259 259	120 565	23 868	24 260	72 437	138 694	
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	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	361 544	2 085	359 459	152 345	37 499	35 575	79 271	207 114	
Q2	376 225	6 351	369 874	155 567	37 233	34 610	83 724	214 307	
Q3	380 644	4 692	375 952	156 449	36 393	34 175	85 881	219 503	
Percentage change, latest year on previous year									
2019	KG77		KG6U	KHC9	KHB5	KHH5	KHE5	KHF9	
	2.6		2.5	2.9	3.0	6.3	1.4	2.2	
2020	-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	
Percentage change, latest quarter on previous quarter									
2020	KG78		KG74	KHD2	KHB6	KHH6	KHE6	KHG2	
Q2	-23.0		-22.1	-12.3	-26.4	-18.8	-3.5	-29.0	
Q3	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	-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	2.9		3.0	2.6	1.9	8.1	0.7	3.3	
Q2	4.1		2.9	2.1	-0.7	-2.7	5.6	3.5	
Q3	1.2		1.6	0.6	-2.3	-1.3	2.6	2.4	
Percentage change, latest quarter on corresponding quarter of previous year									
2020	KG79		KG7C	KHD3	KHB7	KHH7	KHE7	KHG3	
Q2	-25.3		-24.0	-14.3	-30.1	-26.3	-1.6	-30.9	
Q3	-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	-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	21.1		20.4	13.5	26.6	23.4	4.5	26.1	
Q2	13.6		12.1	5.2	2.6	4.5	6.7	17.8	
Q3	10.3		9.9	8.1	1.7	5.1	12.4	11.2	

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	Total	Food & drink	Alcohol & tobacco	Clothing & footwear	Housing	Household goods & services	Health	Transport	Communication	Recreation & culture	Education	Restaurants & hotels	Miscellaneous
				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
2019	1 387 664	24 283	1 363 381	110 325	46 971	69 852	352 210	66 813	28 609	193 279	27 957	132 386	29 663	143 174	162 142
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
Seasonally adjusted															
2020 Q2	259 158	230	258 928	30 228	13 274	11 946	89 188	15 975	4 766	17 217	6 995	23 989	6 577	6 475	32 298
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	336 153	2 535	333 618	28 729	11 445	18 044	89 420	17 742	6 051	37 893	7 961	33 358	7 945	37 132	37 898
Q2	340 088	4 600	335 488	28 502	11 645	17 019	89 238	17 444	6 396	40 421	7 756	32 979	8 080	38 450	37 558
Q3	336 250	2 852	333 398	28 122	11 374	16 708	89 468	17 049	6 501	39 487	7 775	32 805	8 193	38 563	37 353
Percentage change, latest year on previous year															
2019	KGZ5		KG7O	KG9Y	KG6F	KGG4	KGH2	KGH8	KG19	KGJ7	KGK5	KGL3	KGB8	KGD4	KGE8
	1.0		1.0	1.5	-2.0	4.5	0.2	2.1	-1.4	-1.2	12.6	3.4	-0.4	-0.3	2.3
2020	-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
Percentage change, latest quarter on previous quarter															
2020 Q2	KGZ6		KG7R	KGA3	KG7F	KGG5	KGH3	KGH9	KGJ2	KGJ8	KGK6	KGL4	KGB9	KGD5	KGE9
	-22.9		-21.9	1.8	11.6	-22.9	0.7	-5.6	-29.8	-59.7	-4.9	-25.4	-12.6	-80.7	-17.4
Q3	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	0.8		0.8	-3.0	-3.0	6.9	0.1	1.0	-1.8	-4.4	4.2	3.7	1.7	6.3	1.3
Q2	1.2		0.6	-0.8	1.7	-5.7	-0.2	-1.7	5.7	6.7	-2.6	-1.1	1.7	3.5	-0.9
Q3	-1.1		-0.6	-1.3	-2.3	-1.8	0.3	-2.3	1.6	-2.3	0.2	-0.5	1.4	0.3	-0.5
Percentage change, latest quarter on corresponding quarter of previous year															
2020 Q2	KGZ7		KG7U	KGA6	KG7F8	KGG6	KGH4	KG12	KGJ3	KGJ9	KGK7	KGL5	KGC2	KGD6	KGF2
	-25.5		-24.3	10.6	14.1	-31.5	0.8	-6.2	-33.3	-65.0	-0.6	-28.3	-11.6	-81.8	-20.0
Q3	-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	14.4		13.7	-6.8	-11.2	24.0	-0.7	5.2	3.3	37.3	10.1	12.2	2.5	145.3	8.6
Q2	5.1		4.1	-6.3	-9.0	1.1	-1.9	-6.2	3.7	17.1	2.6	3.6	2.4	39.7	0.9
Q3	1.0		1.0	-5.6	-5.9	0.3	0.2	-3.6	3.3	5.3	2.9	3.3	2.5	7.0	-0.5

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
COICOP ¹					D	SD	ND	S	
	ABJR	ABTH	ZAKW	UTIH	UTID	UTIT	UTIL	UTIP	
2019	1 387 664	24 283	1 363 381	558 832	134 513	131 728	292 591	804 549	
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	
Seasonally adjusted									
2020 Q2	259 158	230	258 928	120 442	23 640	24 527	72 275	138 486	
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	336 153	2 535	333 618	137 701	31 893	33 443	72 365	195 917	
Q2	340 088	4 600	335 488	136 527	32 840	32 061	71 626	198 961	
Q3	336 250	2 852	333 398	133 619	31 689	31 349	70 581	199 779	
Percentage change, latest year on previous year									
	KGZ5		KG7O	KHD7	KHC3	KHI3	KHF3	KHG7	
2019	1.0		1.0	1.1	0.3	6.0	-0.6	1.0	
2020	-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	
Percentage change, latest quarter on previous quarter									
	KGZ6		KG7R	KHD8	KHC4	KHI4	KHF4	KHG8	
2020 Q2	-22.9		-21.9	-11.8	-26.3	-17.9	-3.1	-29.0	
Q3	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	0.8		0.8	-1.0	-4.7	4.8	-1.8	2.1	
Q2	1.2		0.6	-0.9	3.0	-4.1	-1.0	1.6	
Q3	-1.1		-0.6	-2.1	-3.5	-2.2	-1.5	0.4	
Percentage change, latest quarter on corresponding quarter of previous year									
	KGZ7		KG7U	KHD9	KHC5	KHI5	KHF5	KHG9	
2020 Q2	-25.5		-24.3	-14.4	-30.8	-25.7	-1.7	-31.3	
Q3	-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	14.4		13.7	4.3	15.1	14.4	-3.6	21.4	
Q2	5.1		4.1	-5.8	-4.3	-2.6	-7.8	12.2	
Q3	1.0		1.0	-3.9	-3.9	-1.5	-4.9	4.5	

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								
2019	NPEK	RPZG	L62R	L62S	L62T	L62U	NPQS	TLPX	TLPW	GGAE	EQED	TLPK	NPQS		
2020	224 357	61 750	4 616	592	87 940	24 111	403 365	19 605	65 657	92 556	138 021	87 527	403 365		
2021	201 125	65 977	4 282	499	73 598	20 400	365 882	17 486	58 602	77 699	123 029	89 067	365 882		
	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		
Seasonally adjusted															
2020 Q2	44 763	17 340	936	113	12 453	4 658	80 263	2 018	13 072	13 389	29 533	22 252	80 263		
Q3	49 516	16 750	1 043	116	19 900	4 952	92 277	5 233	14 549	20 943	29 995	21 557	92 277		
Q4	50 525	17 269	1 145	132	20 628	5 494	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	54 861	20 969	1 537	171	24 560	6 330	108 428	6 209	17 509	26 097	34 303	24 310	108 428		
Q2	56 820	17 979	1 445	196	25 950	6 737	109 127	5 624	17 386	27 395	34 310	24 412	109 127		
Q3	58 787	18 652	1 584	195	26 830	6 643	112 691	5 650	17 983	28 414	35 956	24 688	112 691		
Percentage change, latest year on previous year															
2019	KG6N	KH7N	L64E	L64H	L64K	L64N	KG6O	KG6T	KG6S	KH7X	KH7W	KG6R	KG6O		
2020	3.8	8.1	-	-1.5	5.3	-0.3	4.5	-0.1	2.4	5.0	5.4	5.0	4.5		
2021	-10.4	6.8	-7.2	-15.7	-16.3	-15.4	-9.3	-10.8	-10.7	-16.1	-10.9	1.8	-9.3		
2022	1.7	7.2	20.8	27.7	21.2	13.9	7.5	24.6	2.4	21.5	1.7	3.5	7.5		
Percentage change, latest quarter on previous quarter															
2020 Q2	KG6V	KH7P	L64F	L64I	L64L	L64O	KG6W	KG73	KG72	KH83	KH82	KG6Z	KG6W		
Q3	-20.5	18.6	-19.2	-18.1	-39.6	-12.0	-18.2	-59.6	-15.6	-38.0	-9.9	-4.4	-18.2		
Q4	10.6	-3.4	11.4	2.7	59.8	6.3	15.0	159.3	11.3	56.4	1.6	-3.1	15.0		
2021 Q1	2.0	3.1	9.8	13.8	3.7	10.9	3.2	0.2	6.5	4.0	2.4	1.9	3.2		
2021 Q2	-5.1	0.4	2.4	9.1	2.8	1.4	-1.9	-4.4	-10.0	2.8	-2.4	0.5	-1.9		
Q3	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		
Q4	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		
2022 Q1	-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 Q2	5.5	15.6	10.7	-0.6	4.8	4.1	7.1	6.2	20.7	5.1	5.8	2.9	7.1		
Q3	3.6	-14.3	-6.0	14.6	5.7	6.4	0.6	-9.4	-0.7	5.0	-	0.4	0.6		
Q4	3.5	3.7	9.6	-0.5	3.4	-1.4	3.3	0.5	3.4	3.7	4.8	1.1	3.3		
Percentage change, latest quarter on corresponding quarter of previous year															
2020 Q2	KG75	KH7R	L64G	L64J	L64M	L64P	KG76	KG7B	KG7A	KH87	KH86	KG79	KG76		
Q3	-19.5	14.9	-15.3	-26.1	-43.6	-19.0	-19.5	-65.3	-18.9	-42.3	-12.0	5.7	-19.5		
Q4	-12.4	7.8	-10.7	-24.2	-11.8	-18.4	-9.5	3.4	-13.2	-11.8	-12.2	-3.4	-9.5		
2021 Q1	-11.7	10.1	-7.7	-9.6	-3.6	-6.5	-6.3	40.1	-8.6	-3.9	-13.0	-4.0	-6.3		
2021 Q2	-14.8	18.6	1.2	4.3	2.9	5.2	-4.8	0.6	-10.1	3.7	-8.6	-5.1	-4.8		
Q3	13.4	2.6	38.2	38.9	76.1	24.2	21.7	156.7	14.9	73.5	5.7	3.7	21.7		
Q4	8.6	4.2	26.6	41.4	13.6	17.2	9.6	9.8	14.0	14.2	5.1	8.3	9.6		
2022 Q1	3.0	5.0	21.2	30.3	13.7	10.6	6.4	11.5	-6.3	14.1	5.6	7.5	6.4		
2022 Q2	14.4	20.9	31.1	18.8	15.8	13.6	16.1	23.8	25.6	16.6	14.4	10.0	16.1		
Q3	12.0	1.1	11.7	24.8	18.3	16.4	11.7	8.6	15.8	17.9	9.9	5.8	11.7		
Q4	9.3	6.9	20.0	18.9	18.7	14.4	11.4	-1.7	8.5	18.8	14.0	5.7	11.4		

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					
	Public corporations ²				Private Sector									
	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	Total	Transport equipment	ICT equipment and other machinery and equipment ³	Dwellings ⁴	Other buildings and structures ⁵	Intellectual Property	Total
	NPEL	DLWF	L634	L635	L636	L637	NPQT	DLWL	DLWO	DFEG	DLWT	EQDO	NPQT	
2019	225 260	60 848	4 616	591	87 940	24 110	403 365	19 662	65 881	92 556	138 411	86 855	403 365	
2020	198 413	63 739	4 240	487	73 900	20 224	361 002	16 807	57 022	77 960	122 002	87 210	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	
Seasonally adjusted														
2020 Q2	43 963	16 681	991	111	12 493	4 576	78 812	1 953	12 719	13 484	28 997	21 662	78 812	
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	50 916	19 968	1 371	157	22 949	6 067	101 428	4 479	17 603	24 320	31 476	23 550	101 428	
Q2	53 737	14 427	1 361	170	23 683	6 326	99 704	4 306	15 910	25 044	31 667	22 777	99 704	
Q3	52 398	16 920	1 392	177	23 901	6 050	100 838	4 537	16 159	25 293	32 143	22 706	100 838	
Percentage change, latest year on previous year														
2019	KG7M	KH92	L64T	L64W	L654	L64Z	KG7N	KH95	KH96	KH8Y	KH97	KH98	KG7N	
	1.3	4.3	-2.5	-3.9	2.8	-1.8	1.9	-	0.5	2.5	7.8	2.0	1.9	
2020	-11.9	4.8	-8.1	-17.6	-16.0	-16.1	-10.5	-14.5	-13.4	-15.8	-11.9	0.4	-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	
Percentage change, latest quarter on previous quarter														
2020 Q2	KG7P	KH9C	L64U	L64X	L655	L652	KG7Q	KH9F	KH9G	KH9A	KH9H	KH9I	KG7Q	
	-20.8	18.1	-13.9	-18.4	-39.6	-12.9	-18.6	-58.9	-16.5	-37.7	-10.1	-5.5	-18.6	
Q3	11.0	-2.0	2.3	1.8	60.3	7.1	15.7	156.1	10.2	56.0	3.5	-2.3	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	1.5	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	1.2	18.7	6.4	-13.3	2.7	3.8	4.8	-9.0	18.4	2.9	2.7	3.6	4.8	
Q2	5.5	-27.7	-0.7	8.3	3.2	4.3	-1.7	-3.9	-9.6	3.0	0.6	-3.3	-1.7	
Q3	-2.5	17.3	2.3	4.1	0.9	-4.4	1.1	5.4	1.6	1.0	1.5	-0.3	1.1	
Percentage change, latest quarter on corresponding quarter of previous year														
2020 Q2	KG7S	KH9M	L64V	L64Y	L656	L653	KG7T	KH9P	KH9Q	KH9K	KH9R	KH9S	KG7T	
	-21.4	12.2	-14.1	-27.9	-43.5	-20.3	-21.2	-66.6	-22.0	-42.1	-13.9	4.0	-21.2	
Q3	-13.7	7.1	-11.7	-25.7	-10.8	-19.0	-10.3	-1.5	-16.9	-10.8	-11.9	-4.0	-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	7.0	16.8	22.4	21.7	8.4	9.8	9.5	15.3	21.2	9.1	7.6	3.9	9.5	
Q2	6.2	-14.8	4.9	21.4	9.2	11.1	3.5	-14.8	15.0	8.9	-0.9	1.1	3.5	
Q3	1.3	3.9	9.9	10.6	8.2	6.2	3.7	-6.0	0.7	8.3	5.3	1.1	3.7	

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.

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
2019	FAHS 232	FAGF 4 821	FADY -1 372	FALR -1 799	NZTP 1 650	FAGI 1 389	FBHE 2 333	FAHA 257	CWVD -3 230	CAEX 2 631
2020	77	-862	-510	-153	-1 525	-2 108	1 973	-493	-775	-2 851
2021	-1 809	1 407	2 299	6 120	9 826	-512	5 888	2 928	-2 851	13 470
Seasonally adjusted										
2020 Q2	891	246	-317	544	473	497	-678	-800	-8 864	-8 481
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	-1 005	1 092	552	3 671	5 315	-1 090	4 867	4 653	1 941	14 681
Q2	-448	-485	-238	3 074	2 351	-2 219	5 251	2 694	6 948	14 577
Q3	-201	1 165	-1 017	-278	-130	852	6 566	-1 867	2 420	7 640

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
2019	FAEA 232	FBNF 4 821	FBNG -1 372	FBNH -1 799	DHBM 1 651	FAEB 1 388	FAJX 2 333	FBYN 257	DLWX -3 230	CAFU 2 631
2020	3 745	650	-4 531	-510	-4 391	1 111	2 782	-4 257	-10 375	-11 385
2021	-1 232	1 879	1 969	5 856	9 704	-521	6 244	2 542	-7 789	8 948
Seasonally adjusted										
2020 Q2	675	475	-461	536	550	318	191	-2 388	-9 693	-10 347
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	-1 605	892	502	3 171	4 565	-1 690	4 367	3 903	1 215	10 755
Q2	-548	-1 025	-807	2 131	299	-2 447	4 952	2 270	3 626	8 152
Q3	-305	390	-1 320	-1 585	-2 515	533	6 464	-3 332	-1 201	-356

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
2019	363 502	336 152	699 654	511 674	224 128	735 802	-148 172	112 024	-36 148
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
Seasonally adjusted									
2020									
Q2	71 888	73 429	145 317	87 431	37 517	124 948	-15 543	35 912	20 369
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	86 588	92 337	178 925	157 749	56 590	214 339	-71 161	35 747	-35 414
Q2	97 969	97 813	195 782	163 194	62 800	225 994	-65 225	35 013	-30 212
Q3	115 607	103 459	219 066	166 838	62 963	229 801	-51 231	40 496	-10 735
Percentage change, latest year on previous year									
	KG9K	KH35	KH2O	KG9L	KH3W	KH3H			
2019	3.7	3.9	3.8	3.6	5.2	4.1			
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			
Percentage change, latest quarter on previous quarter									
	KG9O	KH36	KH2P	KG9P	KH3X	KH3I			
2020									
Q2	-11.5	-16.2	-13.9	-23.1	-28.0	-24.7			
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	-3.1	-2.2	-2.6	19.6	-1.7	13.1			
Q2	13.1	5.9	9.4	3.5	11.0	5.4			
Q3	18.0	5.8	11.9	2.2	0.3	1.7			
Percentage change, latest quarter on corresponding quarter of previous year									
	KG9S	KH37	KH2Q	KG9T	KH3Y	KH3J			
2020									
Q2	-14.6	-12.4	-13.5	-29.4	-33.3	-30.6			
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	19.3	17.8	18.6	37.0	35.8	36.7			
Q2	17.1	24.6	20.8	37.6	43.4	39.2			
Q3	48.1	30.3	39.1	31.2	35.4	32.3			

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
2019	363 502	336 152	699 654	511 674	224 128	735 802	-36 148
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
Seasonally adjusted							
2020 Q2	76 387	70 139	146 526	90 915	36 778	127 693	18 833
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	77 441	84 998	162 439	136 141	50 707	186 848	-24 409
Q2	81 683	86 965	168 648	133 121	53 971	187 092	-18 444
Q3	95 375	88 252	183 627	126 591	53 839	180 430	3 197
Percentage change, latest year on previous year							
	KG9X	KH3B	KH2U	KG9W	KH44	KH3N	
2019	1.9	1.5	1.7	2.6	2.7	2.6	
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	
Percentage change, latest quarter on previous quarter							
	KGA2	KH3C	KH2V	KG9Z	KH45	KH3O	
2020 Q2	-7.2	-17.8	-12.6	-20.7	-30.7	-23.8	
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	-7.9	-2.2	-5.0	13.5	-5.9	7.5	
Q2	5.5	2.3	3.8	-2.2	6.4	0.1	
Q3	16.8	1.5	8.9	-4.9	-0.2	-3.6	
Percentage change, latest quarter on corresponding quarter of previous year							
	KGA5	KH3D	KH2W	KGA4	KH46	KH3P	
2020 Q2	-8.4	-16.8	-12.6	-26.6	-34.6	-29.1	
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	5.5	13.4	9.5	19.3	23.3	20.4	
Q2	-1.2	15.7	6.8	14.0	25.0	17.0	
Q3	24.7	17.5	21.1	4.2	18.5	8.1	

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

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
2019	2 000 157	2 000 157	2 000 157	–	100.0	100.0	100.0	100.0	100.0
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
Seasonally adjusted									
2020 Q2	387 342	433 068	433 068	–	86.6	86.6	77.5	77.5	77.5
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	500 005	538 173	547 466	–9 293	107.6	109.5	100.0	101.7	100.0
Q2	500 236	546 384	555 827	–9 443	109.3	111.2	100.0	101.8	100.1
Q3	498 684	555 559	565 156	–9 597	111.1	113.0	99.7	101.5	99.7
Percentage change, latest year on previous year									
	KH4D	KH47	KH68		KH47	KH68	KH4D	KH6E	GDPQ
2019	1.7	3.9	3.9		3.9	3.9	1.7	1.7	1.7
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
Percentage change, latest quarter on previous quarter									
	KH4F	KH49	KH6A		KH49	KH6A	KH4F	KH6G	
2020 Q2	–21.0	–13.8	–13.8		–13.8	–13.8	–21.0	–21.0	–21.0
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	0.4	2.2	2.7		2.2	2.7	0.4	0.9	0.6
Q2	–	1.5	1.5		1.5	1.5	–	0.1	0.1
Q3	–0.3	1.7	1.7		1.7	1.7	–0.3	–0.3	–0.3
Percentage change, latest quarter on corresponding quarter of previous year									
	KH4H	KH4B	KH6C		KH4B	KH6C	KH4H	KH6I	GDPR
2020 Q2	–22.2	–12.9	–12.9		–12.9	–12.9	–22.2	–22.2	–22.2
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	9.9	10.7	12.9		10.7	12.9	9.9	12.1	10.3
Q2	3.1	8.1	9.9		8.1	9.9	3.1	4.9	3.9
Q3	1.3	7.6	9.0		7.6	9.0	1.3	2.5	1.9

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 Q2	DMUN -3 134	DMUM -2 868.0	DMUQ 933
Q3	294	249.0	2 011
Q4	3 170	2 970.0	-1 373
2021 Q1	1 299	1 217.0	-1 793
Q2	-2 878	-2 739.0	2 041
Q3	1 475	1 411.0	615
Q4	104	111.0	-863
2022 Q1	421	395.0	-2 136
Q2	5 464	4 959.0	-261
Q3	5 455	4 854.0	180

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	94.7856
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	100.7249
2021/22	2 338 744	2 337 595	2 089 855	512 335	74 354	2 196 735	1 978 783	453 157	70 006	100.0000
Seasonally adjusted										
2020 Q2	475 850	474 378	433 068	121 295	17 340	431 794	387 342	85 179	16 681	103.5316
Q3	534 171	524 344	483 375	121 224	16 750	503 509	452 466	100 663	16 350	99.6672
Q4	539 666	545 846	484 671	123 700	17 269	509 621	458 818	104 530	16 582	99.4849
2021 Q1	537 907	540 636	485 105	128 685	17 344	504 255	454 059	104 377	17 089	100.2158
Q2	562 248	560 954	504 141	125 857	17 791	537 175	483 899	112 392	16 926	98.3312
Q3	577 356	569 158	515 938	126 085	17 454	546 487	492 265	112 854	16 284	99.2529
Q4	592 735	599 498	528 487	127 567	18 140	554 821	499 745	114 284	16 828	100.3661
2022 Q1	606 405	607 985	541 289	132 826	20 969	558 252	502 874	113 627	19 968	102.0497
Q2	615 994	611 069	549 551	127 665	17 979	558 600	503 108	112 039	14 427	103.5989
Q3	626 009	621 378	558 778	131 369	18 652	556 856	501 547	112 586	16 920	105.6129
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	3.5	8.2	12.7	12.9	14.8	5.0	-0.7
Percentage change, latest quarter on previous quarter										
	IHYN	A8L9	KGL8	KH2D	KH7P	IHYQ	KGM9	KH2J	KH9C	L8GH
2020 Q2	-15.0	-16.0	-13.8	11.4	18.6	-21.0	-21.0	-18.2	18.1	7.6
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	1.4	2.4	4.1	15.6	0.6	0.6	-0.6	18.7	1.7
Q2	1.6	0.5	1.5	-3.9	-14.3	0.1	-	-1.4	-27.7	1.5
Q3	1.6	1.7	1.7	2.9	3.7	-0.3	-0.3	0.5	17.3	1.9
Percentage change, latest quarter on corresponding quarter of previous year										
	IHYO	A8LA	KGM2	KH2E	KH7R	IHYR	KGN3	KH2K	KH9M	L8GI
2020 Q2	-14.5	-13.9	-12.9	14.7	14.9	-22.6	-22.2	-20.2	12.2	10.6
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	11.6	3.2	20.9	10.7	10.8	8.9	16.8	1.8
Q2	9.6	8.9	9.0	1.4	1.1	4.0	4.0	-0.3	-14.8	5.4
Q3	8.4	9.2	8.3	4.2	6.9	1.9	1.9	-0.2	3.9	6.4

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

2021 = 100

	Implied deflators ²		
	Gross national expenditure	Gross domestic product at market prices ³	Gross value added at basic prices
	MNE2	MNF2	MNX5
2019	94.4239	94.3766	94.8782
2020	99.8043	100.1924	101.2360
2021	100.0000	100.0000	100.0000
Seasonally adjusted			
2020 Q2	104.1317	104.0084	106.0817
Q3	99.5425	100.1263	101.3625
Q4	99.3480	99.9431	100.2272
2021 Q1	100.4531	100.6774	101.3684
Q2	98.4793	98.7841	98.8499
Q3	99.7404	99.7101	99.4438
Q4	101.3272	100.8284	100.3379
2022 Q1	104.0036	102.5198	102.1290
Q2	105.7346	104.0760	103.6396
Q3	108.5912	106.0994	105.7077
Percentage change, latest year on previous year			
	MNE3	MNF3	MNX6
2019	1.9	2.1	2.1
2020	5.7	6.2	6.7
2021	0.2	-0.2	-1.2
Percentage change, latest quarter on previous quarter			
	MNE4	MNF4	MNX7
2020 Q2	8.3	7.6	9.1
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	2.6	1.7	1.8
Q2	1.7	1.5	1.5
Q3	2.7	1.9	2.0
Percentage change, latest quarter on corresponding quarter of previous year			
	MNE5	MNF5	MNX8
2020 Q2	10.7	10.6	12.1
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	3.5	1.8	0.8
Q2	7.4	5.4	4.8
Q3	8.9	6.4	6.3

1 Implied deflator is expressed in terms of 2021 = 100, whereas in table A1 it is expressed as 2019 = 100.

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
2019	66 797	2 238 348	33 510	2 238 348	33 510
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
Seasonally adjusted					
2020 Q2	67 081	475 850	7 094	431 794	6 437
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	67 535	606 405	8 979	558 252	8 266
Q2	67 596	615 994	9 113	558 600	8 264
Q3	67 658	626 009	9 253	556 856	8 230
Percentage change, latest year on previous year					
		IHYM	N3Y3	IHYP	N3Y6
2019		3.8	3.2	1.6	1.1
2020		-5.8	-6.2	-11.0	-11.4
2021		7.6	7.2	7.6	7.2
Percentage change, latest quarter on previous quarter					
		IHYN	N3Y4	IHYQ	N3Y7
2020 Q2		-15.0	-15.1	-21.0	-21.1
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	2.2	0.6	0.5
Q2		1.6	1.5	0.1	-
Q3		1.6	1.5	-0.3	-0.4
Percentage change, latest quarter on corresponding quarter of previous year					
		IHYO	N3Y5	IHYR	N3Y8
2020 Q2		-14.5	-14.8	-22.6	-23.0
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	12.3	10.7	10.3
Q2		9.6	9.2	4.0	3.6
Q3		8.4	8.0	1.9	1.5

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

2 This data uses the UK resident population mid-year estimates published 12 January 2022

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

R Revisions Analysis¹

Revisions since previously published estimates

£ million

2021

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	-6 469
less Basic price adjustment	KB7E	359
Gross value added at basic prices	KB7F	-6 828

Gross domestic product:

expenditure at current prices (Table C1)

National expenditure on goods and services at market prices		
Households	KB7K	-306
Non-profit institutions serving households	KB7L	-240
General government	KB7M	-1 355
Gross fixed capital formation	KB7N	817
Changes in inventories	KB7O	2 213
Acquisitions less disposals of valuables	KB7P	246
Total	KB7Q	1 375
Total exports	KB7R	17 959
Total imports	KB7S	28 426
Statistical discrepancy (expenditure)	KB7T	2 623

Gross domestic product:

income at current prices (Table D)

Compensation of employees	KB7U	2 585
Gross operating surplus of corporations	KB7V	-1 259
Other income	KB7W	-179
Gross value added at factor cost	KB7X	1 147
Taxes on products & production less Subsidies	KB7Y	447
Statistical discrepancy (income)	KB7Z	-8 063

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

2021

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
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Percentage changes in volume

of GVA output components (Table B1)

GVA at basic prices		
Agriculture, forestry and fishing	KB83	-0.1
Mining and quarrying inc oil & gas extraction	KB84	-0.6
Manufacturing	KB85	-
Electricity, gas, steam and air	KB86	-0.4
Water supply, sewerage	KNT7	0.1
Total Production	KB87	-0.1
Construction	KB88	-0.1
Distribution, hotels and restaurants	KB89	0.2
Transport storage and communications	KB8A	-
Business services and finance	KB8B	0.1
Government and other services	KB8C	-0.9
Total services	KB8D	-0.2
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	0.1
Non-profit institutions serving households	KB8H	-0.6
General government	KB8I	-0.1
Gross fixed capital formation	KB8J	0.5
Total	KB8K	0.2
Total exports	KB8L	2.5
Total imports	KB8M	3.4

R Revisions Analysis¹

Revisions since previously published estimates

continued

£ million

		2021	2021	2021	2021	2022	2022	2022
		Q1	Q2	Q3	Q4	Q1	Q2	Q3
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	-2 258	-1 856	-263	-2 092	-4 424	-3 576	149
less Basic price adjustment	KB7E	31	14	196	118	74	316	300
Gross value added at basic prices	KB7F	-2 289	-1 870	-459	-2 210	-4 498	-3 892	-151
Gross domestic product:								
expenditure at current prices (Table C1)								
National expenditure on goods and services								
at market prices								
Households	KB7K	440	366	-209	-903	-320	2 746	706
Non-profit institutions serving households	KB7L	33	-88	-74	-111	48	136	149
General government	KB7M	-89	-238	-474	-554	-81	838	257
Gross fixed capital formation	KB7N	-1 528	448	1 946	-49	2 503	2 146	2 096
Changes in inventories	KB7O	892	282	-967	2 006	-7 016	-9 008	-6 719
Acquisitions less disposals of valuables	KB7P	81	61	55	49	-25	-157	-2 023
Total	KB7Q	-171	831	278	437	-4 891	-3 299	-5 534
Total exports	KB7R	4 064	3 728	3 175	6 992	4 510	6 165	11 997
Total imports	KB7S	5 793	6 343	4 590	11 700	7 701	10 159	10 088
Statistical discrepancy (expenditure)	KB7T	-358	-72	874	2 179	3 658	3 717	3 774
Gross domestic product:								
income at current prices (Table D)								
Compensation of employees	KB7U	-133	596	1 019	1 103	896	986	2 069
Gross operating surplus of corporations	KB7V	-2 015	-176	1 021	-89	-692	168	1 853
Other income	KB7W	106	-611	-94	420	471	494	1 733
Gross value added at factor cost	KB7X	-2 042	-191	1 946	1 434	675	1 648	5 655
Taxes on products & production less Subsidies	KB7Y	-166	73	283	257	358	320	133
Statistical discrepancy (income)	KB7Z	-50	-1 738	-2 492	-3 783	-5 457	-5 544	-5 639

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

		2021	2021	2021	2021	2022	2022	2022
		Q1	Q2	Q3	Q4	Q1	Q2	Q3
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	-0.1	-0.1	-0.1	-0.1
Quarter on same quarter a year earlier	KB94	0.1	0.1	-	-	-0.2	-0.4	-0.5
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	-	-	0.1	-
Mining and quarrying inc oil & gas extraction	KB84	-1.0	-1.3	4.4	-1.1	-0.8	-1.8	-0.3
Manufacturing	KB85	-	-0.1	0.2	-0.4	-	-0.2	-0.5
Electricity, gas, steam and air	KB86	1.3	-2.2	-0.9	1.5	1.3	-5.2	-4.7
Water supply, sewerage	KNT7	-0.2	0.4	-0.1	-	-0.9	-2.7	-0.7
Total Production	KB87	0.1	-0.3	0.3	-0.3	0.1	-1.1	-1.0
Construction	KB88	0.1	-	-0.5	0.4	0.2	-	-0.8
Distribution, hotels and restaurants	KB89	0.5	-0.4	0.3	-0.2	0.1	0.5	-0.1
Transport storage and communications	KB8A	0.3	-0.5	-0.1	0.8	0.7	-0.5	-0.2
Business services and finance	KB8B	0.1	-0.1	0.2	0.1	-0.5	-0.2	-0.1
Government and other services	KB8C	-0.1	-0.5	-0.5	-0.5	-	0.3	0.1
Total services	KB8D	-	-0.3	-	-0.1	-0.2	-	0.1
Total GVA	KB8E	0.2	-	-0.1	-0.1	-0.1	-0.2	-0.1
Total GVA excluding Oil	KB8F	0.1	-	-0.1	-0.1	-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	0.2	1.1	-0.6
Non-profit institutions serving households	KB8H	-1.1	-0.3	1.8	-0.3	-0.2	-0.3	0.1
General government	KB8I	-0.2	0.2	0.1	-0.1	0.5	0.1	-0.8
Gross fixed capital formation	KB8J	-0.2	1.4	0.2	-1.6	1.3	-0.3	-1.4
Total	KB8K	0.2	-	-0.1	-0.1	-1.1	0.2	-0.7
Total exports	KB8L	2.6	-0.9	-0.2	2.3	-0.5	0.2	0.9
Total imports	KB8M	2.3	-0.2	0.1	3.0	-3.7	1.6	-0.4

AA 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, 4}	Total Services	Distri- bution, 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
2019	16.9	2.3	2.2	1.2	14.0	-0.3	1.5	1.5	0.5	6.4	-0.1	2.4
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
Contributions to growth												
	ZZ3V	ZZ3W	ZZ3Y	ZZ3X	ZZ3Z	ZZ42	ZZ43	ZZ44	ZZ45	ZZ46	ZZ47	ZZ48
2019	0.11	0.32	0.03	0.12	0.18	-	0.09	1.20	0.07	0.65	-0.14	0.52
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
Percentage change, latest quarter on previous quarter												
Growth												
	L3BB	L3BG	L3BH	L3BN	L3DM	L3DQ	L3DW	L3E2	L3GP	KI8L	KI8N	KI8P
2020 Q1	-0.7	1.0	2.7	1.0	-3.0	4.1	-1.7	-3.0	-8.1	-3.6	0.2	-4.6
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	-0.5	2.0	-1.6	4.0	0.6	3.1	0.6	0.1	3.9	0.7	-0.7
Q2	0.7	-1.3	-2.8	-1.3	-1.3	-0.1	1.1	0.2	0.3	0.2	0.8	-0.7
Q3	-	-2.5	-1.3	-2.8	-2.1	-2.1	-0.2	0.1	-0.8	-	0.1	0.4
Contributions to growth												
	ZZ2F	ZZ2G	ZZ2I	ZZ2H	ZZ2J	ZZ2K	ZZ2L	ZZ2M	ZZ2N	ZZ2O	ZZ2P	ZZ2Q
2020 Q1	-0.01	0.13	0.03	0.10	-0.05	0.05	-0.10	-2.41	-1.05	-0.37	-0.07	-1.03
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	-	-0.07	0.02	-0.15	0.06	0.01	0.18	0.51	0.01	0.41	0.28	-0.19
Q2	0.01	-0.17	-0.02	-0.12	-0.02	-	0.07	0.18	0.05	0.01	0.27	-0.18
Q3	-	-0.33	-0.01	-0.26	-0.03	-0.03	-0.01	0.07	-0.09	-	0.09	0.10
Percentage change, latest quarter on corresponding quarter of previous year												
Growth												
	L3ZZ	L426	L427	L42D	L44C	L44G	L44M	L44Q	L47F	KI12	KI19	KI18
2020 Q1	6.1	3.0	-10.9	2.0	20.8	5.2	-2.2	-2.3	-10.8	-4.4	1.7	-2.4
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	-2.0	-0.4	-2.4	-5.1	4.0	6.8	13.3	25.7	13.8	4.5	23.6
Q2	5.3	-3.5	19.2	-4.9	-10.4	3.4	4.0	5.4	3.3	9.9	4.1	6.8
Q3	1.5	-5.6	-5.4	-6.8	-3.1	0.4	5.5	3.0	-2.2	7.8	3.2	3.3
Contributions to growth												
	ZZ36	ZZ37	ZZ39	ZZ38	ZZ3A	ZZ3B	ZZ3C	ZZ3D	ZZ3E	ZZ3F	ZZ3G	ZZ3H
2020 Q1	0.04	0.41	-0.13	0.20	0.27	0.06	-0.14	-1.85	-1.46	-0.44	0.42	-0.51
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	-0.30	-	-0.26	-0.09	0.06	0.43	10.83	3.05	1.43	1.96	5.24
Q2	0.04	-0.49	0.14	-0.50	-0.19	0.04	0.25	4.46	0.45	1.00	1.60	1.64
Q3	0.01	-0.76	-0.05	-0.67	-0.05	-	0.33	2.51	-0.30	0.77	1.28	0.80

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

4 Please note, as part of Blue Book 2021 double-deflated industry-level GVA was introduced for the first time. As a result, volume estimates in the monthly GDP and construction outputs releases will differ from 1997 to 2020 because the construction publication measures the volume of construction work (output), while the GDP series measures GVA (that is, output minus intermediate consumption). Construction GVA estimates from January 2021 will be informed by the construction output release but may not exactly align.

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	
2019	1.0	3.0	4.1	2.6	1.9	1.3	1.7	2.6	
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	
Contributions to growth									
	ZZ6M	ZZ6N	ZZ6O	ZZ6P	ZZ6Q	ZZ6R	ZZ6S	ZZ6T	ZZ6U
2019	0.62	0.07	0.77	0.47	0.33	0.13	0.54	0.85	-0.32
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
Percentage change, latest quarter on previous quarter									
Growth									
	KGZ6	KH27	KH2J	ZZ5H	KG7Q	KG7P	KH2V	KH3O	
2020 Q1	-2.9	-3.2	-3.4	7.8	-3.8	-2.7	-9.0	-5.1	
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	0.8	0.2	-0.6	22.7	4.8	1.2	-5.0	7.5	
Q2	1.2	2.7	-1.4	-7.0	-1.7	5.5	3.8	0.1	
Q3	-1.1	0.3	0.5	-18.3	1.1	-2.5	8.9	-3.6	
Contributions to growth									
	ZZ5M	ZZ5N	ZZ5O	ZZ5P	ZZ5Q	ZZ5R	ZZ5S	ZZ5T	ZZ5U
2020 Q1	-1.79	-0.07	-0.65	1.22	-0.68	-0.27	-2.96	-1.61	-1.35
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	0.44	0.01	-0.13	3.89	0.81	0.10	-1.53	2.31	-3.83
Q2	0.69	0.06	-0.31	-1.46	-0.30	0.49	1.09	0.04	1.05
Q3	-0.67	0.01	0.11	-3.55	0.20	-0.23	2.63	-1.17	3.80
Percentage change, latest quarter on corresponding quarter of previous year									
Growth									
	KGZ7	KH28	KH2K	ZZ5Y	KG7T	KG7S	KH2W	KH3P	
2020 Q1	-2.9	-8.7	-0.5	-21.6	-4.2	-0.5	-1.6	-15.0	
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	14.4	19.8	8.9	13.6	9.5	7.0	9.5	20.4	
Q2	5.1	6.0	-0.3	18.2	3.5	6.2	6.8	17.0	
Q3	1.0	3.9	-0.2	-14.0	3.7	1.3	21.1	8.1	
Contributions to growth									
	ZZ65	ZZ66	ZZ67	ZZ68	ZZ69	ZZ6A	ZZ6B	ZZ6C	ZZ6D
2020 Q1	-1.82	-0.21	-0.10	-4.66	-0.77	-0.05	-0.49	-5.32	4.82
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	8.20	0.40	1.98	2.77	1.70	0.64	2.74	6.16	-3.42
Q2	2.99	0.13	-0.07	3.10	0.61	0.56	1.98	4.96	-2.98
Q3	0.59	0.09	-0.05	-2.64	0.64	0.12	5.75	2.42	3.33

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
2019	4.6	2.8	3.4	2.5
2020	0.4	-0.1	-	-50.1
2021	6.0	2.9	3.0	58.3
Contributions to growth				
	ZZ7H	ZZ7I	ZZ7J	ZZ7K
2019	2.26	0.62	0.61	0.30
2020	0.21	-0.02	-	-5.99
2021	3.11	0.67	0.57	3.64
Percentage change, latest quarter on previous quarter				
Growth				
	KG14	KH4W	KH6U	KH66
2020 Q1	0.7	-3.4	-1.0	-6.5
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	3.5	2.9	2.0
Q2	1.2	1.4	1.4	3.9
Q3	1.5	1.6	2.4	1.1
Contributions to growth				
	ZZ6Z	ZZ72	ZZ73	ZZ74
2020 Q1	0.34	-0.77	-0.18	-0.78
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	1.11	0.73	0.52	0.23
Q2	0.61	0.31	0.26	0.45
Q3	0.75	0.33	0.41	0.12
Percentage change, latest quarter on corresponding quarter of previous year				
Growth				
	KG15	KH4X	KH6V	KH67
2020 Q1	2.3	4.5	1.1	-5.7
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	8.5	5.7	94.4
Q2	7.3	4.3	6.7	53.7
Q3	6.8	8.0	8.6	23.3
Contributions to growth				
	ZZ79	ZZ7A	ZZ7B	ZZ7C
2020 Q1	1.13	0.96	0.20	-0.69
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	4.66	1.90	1.08	6.24
Q2	3.76	0.98	1.23	4.49
Q3	3.44	1.71	1.53	2.37

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
2019	1.6	2.8	2.6	2.1	2.5	2.1	1.5
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
Percentage change, latest quarter on previous quarter							
	ZZ8N	ZZ8O	ZZ8P	ZZ8Q	ZZ8R	ZZ8S	ZZ8T
2020 Q1	-0.3	5.8	3.0	2.9	0.5	0.7	-0.3
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	2.1	0.3	4.7	2.0	2.2	2.5	5.2
Q2	2.9	-1.6	-2.5	3.2	2.4	5.4	5.3
Q3	2.3	0.9	2.4	5.1	2.1	2.8	5.4
Percentage change, latest quarter on corresponding quarter of previous year							
	ZZ8U	ZZ8V	ZZ8W	ZZ8X	ZZ8Y	ZZ8Z	ZZ92
2020 Q1	1.0	11.1	6.4	5.0	2.4	2.0	-0.2
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	5.8	-7.9	-5.2	9.3	6.0	8.3	13.5
Q2	8.1	0.5	1.8	13.0	7.9	13.0	19.0
Q3	9.2	0.6	4.4	14.7	7.4	14.9	22.5

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	Const- ruction	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
2019	16.9	2.3	2.2	1.2	14.0	-0.3	1.5	1.5	0.5	6.4	-0.1	2.4
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
Previous estimates²												
	A2EQ	A2ER	A2ET	A2ES	A2EU	A2EV	A2EW	A2EY	A2F2	A2F3	A2F4	A2F5
2019	16.9	2.3	2.2	1.2	14.0	-0.3	1.5	1.5	0.5	6.4	-0.1	2.4
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	5.9	7.4	-11.1	9.7	5.5	7.7	13.2	7.2	8.5	7.4	4.7	11.2
Revisions												
	ZZ52	ZZ53	ZZ55	ZZ54	ZZ56	ZZ57	ZZ58	ZZ59	ZZ5A	ZZ5B	ZZ5C	ZZ5D
2019	-	-	-	-	-	-	-	-	-	-	-	-
2020	-	-	-	-	-	-	-	-	-	-	-	-
2021	-0.1	-0.1	-0.6	-	-0.4	0.1	-0.1	-0.2	0.2	-	0.1	-0.9
Percentage change, latest quarter on previous quarter												
Current estimates³												
	L3BB	L3BG	L3BH	L3BN	L3DM	L3DQ	L3DW	L3E2	L3GP	KI8L	KI8N	KI8P
2020 Q1	-0.7	1.0	2.7	1.0	-3.0	4.1	-1.7	-3.0	-8.1	-3.6	0.2	-4.6
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	-0.5	2.0	-1.6	4.0	0.6	3.1	0.6	0.1	3.9	0.7	-0.7
Q2	0.7	-1.3	-2.8	-1.3	-1.3	-0.1	1.1	0.2	0.3	0.2	0.8	-0.7
Q3	-	-2.5	-1.3	-2.8	-2.1	-2.1	-0.2	0.1	-0.8	-	0.1	0.4
Previous estimates²												
	A2CX	A2CY	A2DO	A2DL	A2DR	A2DS	A2DT	A2DU	A2DV	A2DW	A2DX	A2DY
2020 Q1	-0.7	1.0	2.7	1.0	-3.0	4.1	-1.7	-3.0	-8.1	-3.6	0.2	-4.6
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	2.2	-0.1	-3.9	-0.7	3.9	2.9	1.0	-1.7	-8.3	-0.4	2.0	-5.4
Q2	2.4	0.6	-17.5	1.4	6.6	0.1	3.8	8.0	22.4	4.2	1.3	15.3
Q3	3.8	-0.7	20.0	-1.1	-8.6	1.0	-1.1	2.4	4.6	2.1	0.7	4.4
Q4	0.2	-1.1	-2.3	-0.9	-5.0	2.0	1.0	2.2	-1.6	2.8	1.6	4.9
2022 Q1	0.6	-0.6	2.8	-1.6	2.7	1.5	2.9	0.8	-	3.2	1.2	-0.7
Q2	0.6	-0.2	-1.0	-1.1	3.9	2.6	1.1	0.2	-0.2	0.7	1.0	-1.0
Q3	-	-1.5	-1.0	-2.3	2.6	-1.4	0.6	-	-0.7	0.2	0.2	0.3
Revisions												
	ZZ4A	ZZ4B	ZZ4D	ZZ4C	ZZ4E	ZZ4F	ZZ4G	ZZ4H	ZZ4I	ZZ4J	ZZ4K	ZZ4L
2020 Q1	-	-	-	-	-	-	-	-	-	-	-	-
Q2	-	-	-	-	-	-	-	-	-	-	-	-
Q3	-	-	-	-	-	-	-	-	-	-	-	-
Q4	-	-	-	-	-	-	-	-	-	-	-	-
2021 Q1	-0.1	0.1	-1.0	-	1.3	-0.2	0.1	-	0.5	0.3	0.1	-0.1
Q2	-0.1	-0.3	-1.3	-0.1	-2.2	0.4	-	-0.3	-0.4	-0.5	-0.1	-0.5
Q3	-0.1	0.3	4.4	0.2	-0.9	-0.1	-0.5	-	0.3	-0.1	0.2	-0.5
Q4	-	-0.3	-1.1	-0.4	1.5	-	0.4	-0.1	-0.2	0.8	0.1	-0.5
2022 Q1	-	0.1	-0.8	-	1.3	-0.9	0.2	-0.2	0.1	0.7	-0.5	-
Q2	0.1	-1.1	-1.8	-0.2	-5.2	-2.7	-	-	0.5	-0.5	-0.2	0.3
Q3	-	-1.0	-0.3	-0.5	-4.7	-0.7	-0.8	0.1	-0.1	-0.2	-0.1	0.1

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 & 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												
	L3ZZ	L426	L427	L42D	L44C	L44G	L44M	L44Q	L47F	KII2	KIH9	KIH8
2020 Q1	6.1	3.0	-10.9	2.0	20.8	5.2	-2.2	-2.3	-10.8	-4.4	1.7	-2.4
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	-2.0	-0.4	-2.4	-5.1	4.0	6.8	13.3	25.7	13.8	4.5	23.6
Q2	5.3	-3.5	19.2	-4.9	-10.4	3.4	4.0	5.4	3.3	9.9	4.1	6.8
Q3	1.5	-5.6	-5.4	-6.8	-3.1	0.4	5.5	3.0	-2.2	7.8	3.2	3.3
Previous estimates²												
	A2DZ	A2E2	A2E4	A2E3	A2E5	A2EE	A2EK	A2EL	A2EM	A2EN	A2EO	A2EP
2020 Q1	6.1	3.0	-10.9	2.0	20.8	5.2	-2.2	-2.3	-10.8	-4.4	1.7	-2.4
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	6.2	-6.0	7.1	8.1	7.1	-2.6	-10.4	-22.5	-6.3	-1.5	-20.0
Q2	10.7	23.6	-24.5	32.5	19.5	11.7	56.4	22.8	50.3	21.4	8.9	40.1
Q3	9.1	3.9	-6.6	5.5	-0.6	6.4	9.0	9.3	6.7	8.4	6.1	17.5
Q4	8.8	-1.3	-7.0	-1.2	-3.8	6.1	4.7	11.1	15.7	9.0	5.7	19.5
2022 Q1	7.1	-1.7	-0.5	-2.1	-4.9	4.6	6.7	13.8	26.1	12.9	4.9	25.4
Q2	5.2	-2.5	19.4	-4.6	-7.3	7.2	3.9	5.7	2.7	9.1	4.6	7.7
Q3	1.4	-3.4	-1.4	-5.7	4.0	4.7	5.7	3.2	-2.5	7.1	4.0	3.4
Revisions												
	ZZ4N	ZZ4O	ZZ4Q	ZZ4P	ZZ4R	ZZ4S	ZZ4T	ZZ4U	ZZ4V	ZZ4W	ZZ4X	ZZ4Y
2020 Q1	-	-	-	-	-	-	-	-	-	-	-	-
Q2	-	-	-	-	-	-	-	-	-	-	-	-
Q3	-	-	-	-	-	-	-	-	-	-	-	-
Q4	-	-	-	-	-	-	-	-	-	-	-	-
2021 Q1	-	0.1	-1.0	-	1.3	-0.2	-	-	0.4	0.2	0.1	-
Q2	-0.2	-0.3	-1.9	-0.1	-1.0	0.2	0.1	-0.3	0.2	-0.3	-	-0.7
Q3	-0.2	-	0.9	0.1	-1.7	-	-0.5	-0.2	0.4	-0.3	0.2	-1.2
Q4	-0.2	-0.2	-0.2	-0.3	-0.3	0.1	-	-0.4	0.1	0.5	0.3	-1.8
2022 Q1	-0.1	-0.3	0.1	-0.3	-0.2	-0.6	0.1	-0.5	-0.4	0.9	-0.4	-1.8
Q2	0.1	-1.0	-0.2	-0.3	-3.1	-3.8	0.1	-0.3	0.6	0.8	-0.5	-0.9
Q3	0.1	-2.2	-4.0	-1.1	-7.1	-4.3	-0.2	-0.2	0.3	0.7	-0.8	-0.1

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							less Total imports
	Households	Non-profit institutions ^{3, 5}	General government	Gross Capital Formation	Gross Fixed Capital Formation	Business investment	Total exports	
Percentage change, latest year on previous year								
Current estimates⁴								
	KGZ5	KH26	KH2I	ZZ6H	KG7N	KG7M	KH2U	KH3N
2019	1.0	3.0	4.1	2.6	1.9	1.3	1.7	2.6
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
Previous estimates²								
	A275	A276	A289	A28J	A28L	A29D	A29F	A2CK
2019	1.0	3.0	4.1	2.6	1.9	1.3	1.7	2.6
2020	-12.9	-19.2	-7.3	-14.6	-10.5	-11.9	-12.1	-16.0
2021	6.2	5.8	12.6	12.7	5.6	-0.1	-0.3	2.8
Revisions								
	ZZ83	ZZ84	ZZ85	ZZ86	ZZ87	ZZ88	ZZ89	ZZ8A
2019	-	-	-	-	-	-	-	-
2020	-	-	-	-	-	-	-	-
2021	0.1	-0.6	-0.1	1.3	0.5	1	2.5	3.4
Percentage change, latest quarter on previous quarter								
Current estimates⁴								
	KGZ6	KH27	KH2J	ZZ5H	KG7Q	KG7P	KH2V	KH3O
2020 Q1	-2.9	-3.2	-3.4	7.8	-3.8	-2.7	-9.0	-5.1
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	0.8	0.2	-0.6	22.7	4.8	1.2	-5.0	7.5
Q2	1.2	2.7	-1.4	-7.0	-1.7	5.5	3.8	0.1
Q3	-1.1	0.3	0.5	-18.3	1.1	-2.5	8.9	-3.6
Previous estimates²								
	A24M	A24X	A24Y	A25I	A25J	A25M	A264	A268
2020 Q1	-2.9	-3.2	-3.4	7.8	-3.8	-2.7	-9.0	-5.1
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	-3.6	-7.9	0.1	-4.2	-1.4	-6.5	-6.8	-12.3
Q2	10.2	16.3	7.5	-11.2	2.6	6.4	7.3	3.3
Q3	2.9	0.5	0.3	13.3	0.7	1.2	-3.7	4.3
Q4	0.7	0.9	1.4	-9.0	1.2	1.0	10.5	1.1
2022 Q1	0.6	0.4	-1.1	30.5	3.5	-0.7	-4.5	11.2
Q2	0.1	3.0	-1.5	-4.7	-1.4	3.7	3.6	-1.5
Q3	-0.5	0.2	1.3	-16.6	2.5	-0.5	8.0	-3.2
Revisions								
	ZZ7L	ZZ7M	ZZ7N	ZZ7O	ZZ7P	ZZ7Q	ZZ7R	ZZ7S
2020 Q1	-	-	-	-	-	-	-	-
Q2	-	-	-	-	-	-	-	-
Q3	-	-	-	-	-	-	-	-
Q4	-	-	-	-	-	-	-	-
2021 Q1	0.2	-1.1	-0.2	0.8	-0.2	1.3	2.6	2.3
Q2	-	-0.3	0.2	0.6	1.4	-	-0.9	-0.2
Q3	-	1.8	0.1	-1.0	0.2	1.0	-0.2	0.1
Q4	-0.5	-0.3	-0.1	1.2	-1.6	-3.7	2.3	3.0
2022 Q1	0.2	-0.2	0.5	-7.8	1.3	1.9	-0.5	-3.7
Q2	1.1	-0.3	0.1	-2.3	-0.3	1.8	0.2	1.6
Q3	-0.6	0.1	-0.8	-1.7	-1.4	-2.0	0.9	-0.4

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							
	Households	Non-profit institutions ³	General government	Gross capital formation	Gross fixed capital formation	Business investment	Total exports	less Total imports
Percentage change, latest quarter on corresponding quarter of the previous year								
Current estimates⁴								
	KGZ7	KH28	KH2K	ZZ5Y	KG7T	KG7S	KH2W	KH3P
2020 Q1	-2.9	-8.7	-0.5	-21.6	-4.2	-0.5	-1.6	-15.0
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	14.4	19.8	8.9	13.6	9.5	7.0	9.5	20.4
Q2	5.1	6.0	-0.3	18.2	3.5	6.2	6.8	17.0
Q3	1.0	3.9	-0.2	-14.0	3.7	1.3	21.1	8.1
Previous estimates²								
	A26C	A26H	A26I	A26J	A26K	A26L	A26M	A26N
2020 Q1	-2.9	-8.7	-0.5	-21.6	-4.2	-0.5	-1.6	-15.0
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	-12.8	-18.6	0.5	9.7	-4.1	-15.5	-13.9	-9.9
Q2	24.7	30.3	32.1	53.5	20.9	13.4	5.7	22.3
Q3	7.7	10.7	12.0	18.7	5.2	3.4	2.1	8.7
Q4	10.1	8.6	9.4	-12.2	3.1	1.6	6.4	-4.5
2022 Q1	14.9	18.4	8.1	19.6	8.2	7.9	9.0	21.2
Q2	4.3	4.9	-1.0	28.2	3.9	5.2	5.2	15.6
Q3	0.8	4.6	-	-5.5	5.8	3.5	18.0	7.2
Revisions								
	ZZ7T	ZZ7U	ZZ7V	ZZ7W	ZZ7X	ZZ7Y	ZZ7Z	ZZ8Z
2020 Q1	-	-	-	-	-	-	-	-
Q2	-	-	-	-	-	-	-	-
Q3	-	-	-	-	-	-	-	-
Q4	-	-	-	-	-	-	-	-
2021 Q1	0.2	-1.0	-0.2	0.9	-0.3	1.3	2.4	2.5
Q2	0.2	-1.9	-0.2	2.2	1.4	1.7	2.0	3.0
Q3	0.2	0.4	0.1	0.7	1.4	2.6	1.7	2.7
Q4	-0.4	0.1	-0.1	1.6	-0.3	-1.3	4.1	5.3
2022 Q1	-0.5	1.4	0.8	-6.0	1.3	-0.9	0.5	-0.8
Q2	0.8	1.1	0.7	-10.0	-0.4	1.0	1.6	1.4
Q3	0.2	-0.7	-0.2	-8.5	-2.1	-2.2	3.1	0.9

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
2019	4.6	2.8	3.4	2.5
2020	0.4	-0.1	-	-50.1
2021	6.0	2.9	3.0	58.3
Previous estimates²				
	A2CT	A2CU	A2CV	A2CW
2019	4.6	2.8	3.4	2.5
2020	0.4	-0.1	-	-50.1
2021	5.8	3.2	3.1	57.9
Revisions				
	ZZ8J	ZZ8K	ZZ8L	ZZ8M
2019	-	-	-	-
2020	-	-	-	-
2021	0.2	-0.3	-0.1	0.4
Percentage change, latest quarter on previous quarter				
Current estimates³				
	KGI4	KH4W	KH6U	KH66
2020 Q1	0.7	-3.4	-1.0	-6.5
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	3.5	2.9	2.0
Q2	1.2	1.4	1.4	3.9
Q3	1.5	1.6	2.4	1.1
Previous estimates²				
	A2CL	A2CM	A2CN	A2CO
2020 Q1	0.7	-3.4	-1.0	-6.5
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	0.1	2.5	1.3	-10.5
Q2	2.5	3.9	1.2	30.6
Q3	1.9	-2.8	0.1	25.5
Q4	1.7	2.2	1.1	15.3
2022 Q1	2.3	3.9	2.9	1.9
Q2	1.2	0.7	1.4	3.9
Q3	1.2	0.3	1.2	1.3
Revisions				
	ZZ8B	ZZ8C	ZZ8D	ZZ8E
2020 Q1	-	-	-	-
Q2	-	-	-	-
Q3	-	-	-	-
Q4	-	-	-	-
2021 Q1	-0.1	-1.7	0.1	-0.4
Q2	0.3	1.6	-0.7	0.8
Q3	0.1	0.9	0.5	0.4
Q4	-	-0.9	0.5	-0.1
2022 Q1	-0.1	-0.4	-	0.1
Q2	-	0.7	-	-
Q3	0.3	1.3	1.2	-0.2

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 Q1	2.3	4.5	1.1	-5.7
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	8.5	5.7	94.4
Q2	7.3	4.3	6.7	53.7
Q3	6.8	8.0	8.6	23.3
Previous estimates²				
	A2CP	A2CQ	A2CR	A2CS
2020 Q1	2.3	4.5	1.1	-5.7
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	1.9	-0.3	1.6	-42.4
Q2	7.8	11.0	3.6	-1 193.3
Q3	7.2	-2.9	3.4	70.7
Q4	6.3	5.8	3.7	69.2
2022 Q1	8.6	7.3	5.4	92.5
Q2	7.2	4.1	5.6	53.2
Q3	6.4	7.4	6.8	23.7
Revisions				
	ZZ8F	ZZ8G	ZZ8H	ZZ8I
2020 Q1	-	-	-	-
Q2	-	-	-	-
Q3	-	-	-	-
Q4	-	-	-	-
2021 Q1	-0.1	-1.6	0.1	-0.3
Q2	0.2	-0.2	-0.6	-1.7
Q3	0.4	0.8	-0.1	0.8
Q4	0.4	-	0.4	0.6
2022 Q1	0.4	1.2	0.3	1.9
Q2	0.1	0.2	1.1	0.5
Q3	0.4	0.6	1.8	-0.4

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)

	2019	2020	2021	2020 Q1	2020 Q2	2020 Q3	2020 Q4	2021 Q1	2021 Q2	2021 Q3	2021 Q4	2022 Q1	2022 Q2	2022 Q3	
acac	ACAC	204 400	152 029	221 397	44 670	12 396	44 453	50 510	52 281	51 632	57 999	59 485	56 242	54 809	57 296
accd	ACCD	53 243	47 292	55 391	15 939	7 635	10 236	13 482	12 602	11 318	13 899	17 572	15 438	13 121	16 961
acci	ACCI	15 962	13 187	18 654	3 819	2 673	2 690	4 005	3 836	4 324	4 721	5 773	4 970	5 464	5 858
acdd	ACDD	27 795	22 647	24 828	6 390	3 982	6 088	6 187	4 677	6 571	6 801	6 779	5 792	6 541	6 201
acde	ACDE	8 685	9 848	10 359	2 317	2 309	2 811	2 411	2 433	2 424	3 091	2 411	2 351	2 584	2 894
acdf	ACDF	3 770	4 065	4 393	759	958	1 029	1 319	811	1 055	1 083	1 444	818	1 035	984
acdg	ACDG	3 645	3 148	3 518	572	721	1 012	843	508	908	1 060	1 042	737	985	989
acdh	ACDH	4 387	4 723	4 775	1 161	1 217	1 098	1 247	1 026	1 219	1 141	1 389	939	1 157	1 093
acdi	ACDI	273	254	229	52	60	78	64	45	58	70	56	51	56	59
acdj	ACDJ	3 029	2 815	2 986	698	633	711	773	720	709	746	811	808	810	809
acdo	ACDO	6 357	6 349	6 584	1 585	1 602	1 571	1 591	1 545	1 602	1 700	1 737	1 588	1 767	1 857
acdp	ACDP	3 825	1 144	721	672	97	166	209	114	64	177	366	409	688	881
acjy	ACJY	1 049	3 248	440	2 734	1 811	-2 381	1 084	67	-342	-752	1 467	1 282	-79	-744
aipa	AIPA	-5 611	-79	-1 714	-454	473	1 785	-1 883	-122	264	-125	-1 731	1 781	99	-500
auyn	AUYN	2 501 868	2 811 455	2 988 840	2 617 520	2 752 659	2 782 782	2 811 455	2 872 732	2 916 713	2 950 237	2 988 840	3 028 166	3 035 598	3 112 830
avab	AVAB	82 695	86 232	94 643	82 692	84 018	88 212	90 004	93 082	95 092	95 119	95 279	95 483	95 118	94 377
bksq	BKSP	-39	-37	-21	-9	-14	-9	-5	-6	-5	-5	-5	-5	-8	-7
bksp	BKSP	2 685	5 303	5 197	2 978	4 580	4 104	5 303	5 672	3 903	4 775	5 197	4 893	5 811	6 662
bksq	BKSP	1 021	995	1 053	856	973	942	995	842	809	916	1 053	880	899	974
cean	CEAN	82 315	84 034	90 719	22 923	19 622	20 147	21 342	23 050	21 858	22 547	23 264	26 375	26 516	26 538
cfqw	CFQW	-10	-7	-6	-2	-2	-2	-1	-1	-1	-3	-1	-1	-1	-2
cmsu	CMSU	3 930	3 739	3 568	924	1 080	933	802	943	817	959	849	992	896	1 058
cqqq	CQQQ	1 389	1 389	1 389	345	348	348	348	345	348	348	348	345	348	348
cqtc	CQTC	489	504	508	123	127	127	127	127	127	127	127	129	127	127
ct9e	CT9E	86 139	89 451	87 757	83 116	87 010	89 537	89 451	93 762	97 597	100 032	87 757	91 970	97 304	102 632
cucz	CUCZ	9 780	9 156	9 952	2 321	2 343	2 078	2 414	2 515	2 581	2 409	2 447	2 479	2 724	2 207
cuem	CUEM	28 022	25 145	24 703	6 775	6 004	6 174	6 192	6 107	6 428	6 120	6 048	5 510	5 785	5 899
cunw	CUNW	9 295	10 005	12 252	2 389	2 447	2 546	2 623	3 280	2 720	3 462	2 790	3 542	3 093	3 482
cynx	CYNX	-1 300	2 326	1 705	4 945	-1 897	-1 571	849	3 996	-3 569	-330	1 608	6 644	-6 216	-205
d69u	D69U	-1 023	-859	-552	-277	-220	-188	-174	-145	-142	-138	-127	-154	-265	-457
dbjy	DBJY	1 513	638	1 289	381	-	78	179	241	-	372	676	898	-	1 770
dbke	DBKE	-	-	-	-	-	-	-	-	-	-	-	-	-	-
dchf	DCHF	-	-	-	-	-	-	-	-	-	-	-	-	-	-
dchg	DCHG	-	-	-	-	-	-	-	-	-	-	-	-	-	-
dft5	DFT5	72	72	90	18	18	18	18	18	24	24	24	24	27	27
dkhe	DKHE	-	-	-	-	-	-	-	-	-	-	-	-	-	-
dkhh	DKHH	-	-	-	-	-	-	-	-	-	-	-	-	-	-
dolc	DOLC	798	662	760	174	102	169	217	208	165	178	209	282	159	227
dtws	DTWS	6 766	6 519	6 277	1 617	1 624	1 641	1 637	1 556	1 561	1 582	1 562	1 495	1 494	1 512
dw9e	DW9E	108	108	108	27	27	27	27	27	27	27	27	27	27	27
eo2e	EO2E	-	-	-	-	-	-	-	-	-	-	-	-	-	-
f8yf	F8YF	5 543	5 174	4 816	5 543	5 174	5 174	5 174	5 174	4 816	4 816	4 816	4 816	4 464	4 464
f8yh	F8YH	70	70	70	70	70	70	70	70	70	70	70	70	70	70
f8yj	F8YJ	380	380	380	380	380	380	380	380	380	380	380	380	380	380
fluk	FLUK	2 924	2 955	3 019	723	724	732	729	766	778	746	730	749	771	771
flve	FLVE	948	443	546	200	153	87	3	127	181	26	132	133	122	123
flvy	FLVY	3 758	3 460	4 171	822	1 011	819	808	1 579	1 470	1 304	1 465	1 368	1 488	1 825
flye	FLYE	3 758	3 460	4 171	822	1 011	819	808	1 579	1 470	1 304	1 465	1 368	1 488	1 825
gan8	GAN8	225 260	198 413	200 237	55 477	43 963	48 806	50 167	47 578	50 602	51 731	50 326	50 916	53 737	52 398
gcjg	GCJG	-	-	-	-	-	-	-	-	-	-	-	-	-	-
gcjj	GCJJ	-	-	-	-	-	-	-	-	-	-	-	-	-	-
gcmp	GCMP	24 254	28 315	30 037	7 235	6 699	7 114	7 267	7 669	7 021	7 660	7 687	8 109	7 322	8 077
gcmr	GCMR	-4 587	-6 375	-7 525	-1 218	-1 512	-1 782	-1 863	-1 887	-1 886	-1 881	-1 871	-1 850	-1 800	-1 668
gcsw	GCSW	-948	-832	-102	-1 865	1 565	-1 715	1 183	-1 325	1 220	-1 326	1 329	-1 246	1 072	-889
grxe	GRXE	1 036	732	1 279	316	125	166	125	510	303	214	252	288	180	259
gtax	GTAX	7 005	7 025	7 058	1 789	1 603	1 975	1 658	1 712	1 844	1 858	1 644	1 754	1 882	1 933
ie9r	IE9R	63 032	63 492	65 184	16 080	15 564	15 951	15 897	15 950	16 061	16 512	16 661	17 203	17 663	18 947
iv8b	IV8B	24 599	21 261	31 255	6 886	6 108	6 654	7 124	7 492	7 711	7 717	8 335	9 844	10 881	12 804
kly5	KIY5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
kx5q	KX5Q	877 741	1 062 751	1 048 107	232 980	301 977	265 177	262 617	276 732	263 397	255 951	252 027	268 696	273 303	274 934
libj	LIBJ	-	-	-	-	-	-	-	-	-	-	-	-	-	-
lipg	LIPG	193 212	187 688	216 048	60 742	38 032	46 120	42 794	66 796	48 947	53 949	46 356	71 358	55 349	59 493
litr	LITR	12	12	12	3	3	3	3	3	3	3	3	3	3	3
lsns	LSNS	1 999	1 845	1 865	532	525	386	402	465	536	453	411	529	557	527
mdup	MDUP	380	355	437	100	58	71	126	103	98	110	126	76	94	100
mdyl	MDYL	-	-	-	-	-	-	-	-	-	-	-	-	-	-
mdyn	MDYN	19 192	15 739	11 922	3 817	4 195	3 999	3 728	3 374	3 021	2 880	2 647	2 381	2 496	2 338
miyf	MIYF	706	627	642	75	184	100	268	156	152	122	212	167	132	159
nmai	NMAI	106 024	114 607	126 847	26 685	29 015	29 005	29 902	30 721	31 843	31 905	32 378	32 306	32 636	33 077
nmgr	NMGR	12 504	14 688	14 936	3 824	3 841	4 111	2 912	4 849	3 677	3 468	2 942	3 794	3 005	3 417
nmgt	NMGT	-11	-5	-42	-3	-1	-	-1	-13	-8	-12	-9	-12	-9	-7
nmje	NMJE	65 388	67 697	69 130	16 530	17 059	17 055	17 053	17 036	17 343	17 398	17 353	17 349	17 832	17 830
nmjf	NMJF	44 875	45 274	48 214	10 853	11 510	11 499	11 412	11 800	12 173	12 130	12 111	11 984	12 370	12 324
nmqz	NMQZ	8 278	-4 057	26 476	532	-7 226	2 211	426	648	9 214	6 332	10 282	8 856	25 534	13 402
nmr	NMRB	9 579	6 127	26 476	532	2 958	2 211	426	648	9 214	6 332	10 282	8 856	25 534	13 402
nzfs	NZFS	-	-	-	-	-	-	-	-	-	-	-	-	-	-
nzfv	NZFV	36	27	24	9	6	6	6	6	6	6	6	6	6	6
qwps	QWPS	136 587	148 724	163 276	35 408	37 096	37 557	38 663	40 034	40 387	41 165	41 690	42 304	42 011	43 376
qwpt	QWPT	126 573	155 642	171 366	33 715	40 933	39 748	41 246	47 047	41 701	40 694	41 924	48 950	39 226	41 051
qwry	QWRY	65 388	67 697	67 891	16 530	17 059	17 055	17 053	17 036	17 343	17 398	17 353	17 349	17 832	17 830
qwrz	QWRZ	52 053	57 040	59 332	13 107	14 640	14 502	14 791	14 949	14 240	14 123	14 135	14 226	15 404	15 036
rudy	RUDY	-	-	-	-	-	-	-	-	-	-	-	-	-	-
rusr	RUSD	738	28 691	-20 138	3 171	24 671	2 047	-1 198	-9 028	-2 321	-5 794	-2 995	-2 948	937	245
rutc	RUTC	19	-38	17	9	-36	-12	1	21	-5	-	1	2	6	4
vqsh	VQSH	425 277	543 878	575 640	454 103	510 074	530 400	543 878	555 411	566 899	567 870	575 640	587 103	586 527	589 123
vqsj	VQSJ	598 678	637 331	663 340	659 554	681 005	676								