

Statistical bulletin

GDP quarterly national accounts, UK: April to June 2021

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.



Contact:
Niamh McAuley
gdp@ons.gov.uk
+44 1633 455284

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Next release:
11 November 2021

Correction

19 October 2021 11:43

In the 30 September 2021 release of government final consumption expenditure an error has been identified in the calculation of quarterly general government chain volume measures for selected periods between Quarter 1 (Jan to Mar) 1997 and Quarter 4 (Oct to Dec) 2019. Annual figures are unaffected. Current price data are not impacted by this error and GDP quarterly growth rates are also unaffected. Corrected growth rates for quarterly general government data from 1997 can be found in the associated file. The balancing adjustments that are applied to the inventories data, as is usual during the GDP balancing process, have been reworked to offset this error. Underlying inventories data, excluding balancing adjustments, are unchanged. Affected data will be corrected as soon as National Accounts revision policy allows. The associated dataset provides an indication of these corrected numbers.

Notice

30 September 2021

On our website, this morning's downloadable pdf version of the quarterly national accounts bulletin contained incorrect tables which initially failed to update.

This has now been rectified, with the correct published tables showing as reference year 2019. Only the pdf version was affected, all other data and tables on our website are correct.

We apologise for any inconvenience caused.

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1 . Main points

- UK gross domestic product (GDP) is estimated to have increased by 5.5% in Quarter 2 (Apr to June) 2021, revised from the first estimate of a 4.8% increase.
- This release contains data that are consistent with the UK National Accounts, The Blue Book 2021, which will be released on the 29 October 2021, and, as such, data for all periods within this release are subject to revision in line with the [National Accounts Revision Policy](#); further detail on these changes is available in the [Revisions to GDP](#) section.
- The level of GDP is now 3.3% below where it was pre-pandemic at Quarter 4 (Oct to Dec) 2019, revised from the previous estimate of 4.4% below.
- In output terms, the largest contributors to this increase were from wholesale and retail trade, accommodation and food service activities, education and human health, and social work activities.
- In Quarter 2 2021, there were increases in all main components of expenditure, with the largest contribution from household consumption, which contributed 4.0 percentage points to the 5.5% increase following the easing of coronavirus restrictions in Quarter 2 2021 when compared with those in place in Quarter 1 (Jan to Mar) 2021.
- The UK's net borrowing position with the rest of the world reduced to 1.5% of GDP in Quarter 2 (Apr to Jun) of 2021 compared with 1.7% of GDP in Quarter 1 (Jan to Mar) of 2021.
- A rise in household spending of 7.9% saw the household saving ratio decrease to 11.7% in Quarter 2, compared with 18.4% in Quarter 1, which was the second highest on record.
- General government decreased its net borrowing position in the non-financial account to £51.3 billion in Quarter 2 2021 (8.9% of GDP) from £73.2 billion in Quarter 1 2021 (13.1% of GDP); lower borrowing was driven by a rise in income from taxes on products and production of 9.1%, a fall in subsidies of 19.7% and a fall in government final consumption expenditure of 3.0%.

GDP estimates for Quarter 2 2021 are subject to [more uncertainty than usual](#) as a result of the challenges we faced estimating GDP in the current conditions.

2 . Headline GDP figures

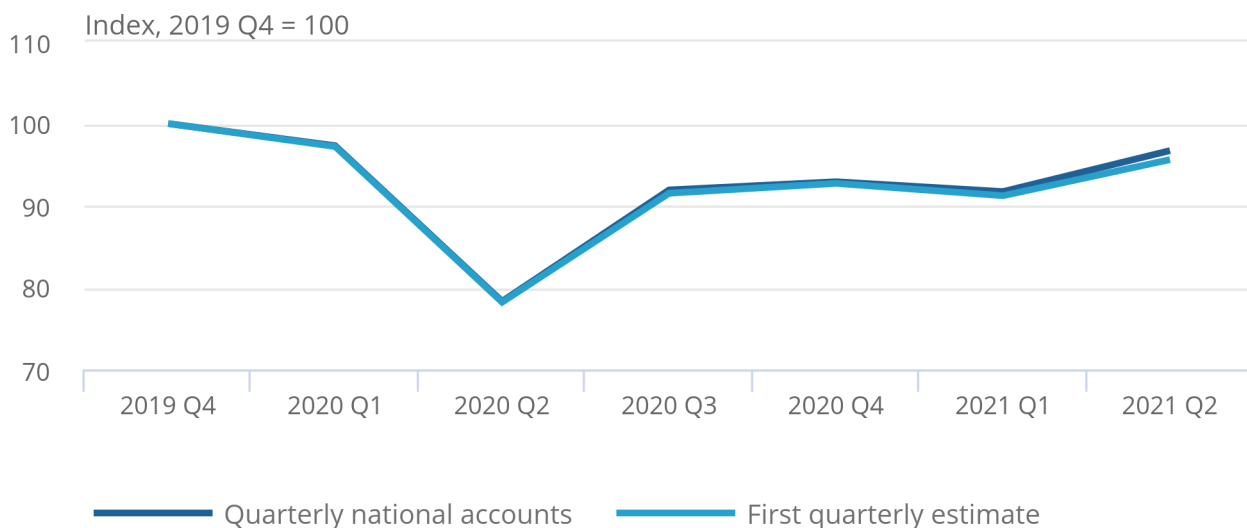
UK gross domestic product (GDP) is estimated to have increased by 5.5% in Quarter 2 (Apr to June) 2021 following the easing of coronavirus (COVID-19) restrictions. This is revised from the first estimate of a rise of 4.8%. The level of GDP in the UK is now 3.3% below where it was prior to the coronavirus pandemic at the end of 2019, revised from 4.4% (Figure 1).

Figure 1: Real GDP in Quarter 2 (Apr to June) 2021 is now 3.3% below its pre-pandemic level (Quarter 4 2019)

UK, Quarter 4 (Oct to Dec) 2019 to Quarter 2 (Apr to June) 2021

Figure 1: Real GDP in Quarter 2 (Apr to June) 2021 is now 3.3% below its pre-pandemic level (Quarter 4 2019)

UK, Quarter 4 (Oct to Dec) 2019 to Quarter 2 (Apr to June) 2021



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 (Oct to Dec) 2019.

This release contains data that are consistent with the UK National Accounts, The [Blue Book 2021](#), which will be released on the 29 October 2021. In Blue Book 2021 a new framework is introduced to improve how we produce volume estimates of GDP for balanced years as part of the supply use process. This framework includes the implementation of double-deflated industry-level gross value added (GVA) for the first time. We have also included a package of updates for our methods and data. As such, data for all periods within this release are subject to revision in line with the National Accounts Revision Policy. Further detail on these changes is available in the [Revisions to GDP](#) section.

An indicative monthly GDP path associated with today's figures can be found in the associated dataset. These figures indicate that GDP increased across all three months at 2.8% in April, 0.6% in May and 1.4% in June 2021. Monthly figures for July 2021 have also been published, showing that GDP growth slowed to 0.1% in July 2021.

Nominal GDP rose by 3.1% in Quarter 2 2021 revised down from the first quarterly estimate of 3.6%. The pattern of revisions to nominal and real GDP in Quarter 2 2021 reflect improvements to how the Office for National Statistics (ONS) measures non-market output, specifically education and health.

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. The implied deflator fell by 2.3% in Quarter 2 2021, revised down from the previous estimate of a fall of 1.1%. The revision is mainly because of changes in government consumption expenditure on education and health.

Annual UK GDP for 2020 is now estimated to have fallen by 9.7%, revised up by 0.1 percentage points from the previous estimate, while nominal UK GDP fell by 4.4% in 2020, revised from a first estimate of 4.8%.

Table 1: Headline national accounts indicators for the UK

% growth¹

	Chained volume measures				Current market prices		
	GDP	Household expenditure	Gross fixed capital formation	GDP per head ³	GDP	Compensation of employees	GDP implied deflator
Seasonally adjusted							
2020	-9.7	-10.5	-9.1	-10.1	-4.4	2.6	5.9
2020 Q1	-2.7	-2.6	-2.6	-2.8	-0.9	0.9	1.9
2020 Q2	-19.6	-20.3	-19.3	-19.7	-13.0	-2.9	8.2
2020 Q3	17.4	19.9	18.9	17.2	11.7	3.9	-4.9
2020 Q4	1.1	-1.8	4.4	0.9	1.4	2.4	0.3
2021 Q1	-1.4	-4.4	-3.0	-1.5	0.9	0.5	2.3
2021 Q2	5.5	7.2	0.8	5.3	3.1	1.8	-2.3

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 25 June 2021.

Several countries have published estimates of GDP for Quarter 2 2021. The UK experienced the largest increase in real GDP of these countries in Quarter 2 2021, in part reflecting the timing of the tightening and easing of public health restrictions in the first half of this year. Of the other countries, Italy and Spain had the next largest volume increases in Quarter 2 2021. However, these two countries are the furthest away from their pre-pandemic levels of GDP. The US is the only economy to have recovered to above pre-pandemic levels (0.8%).

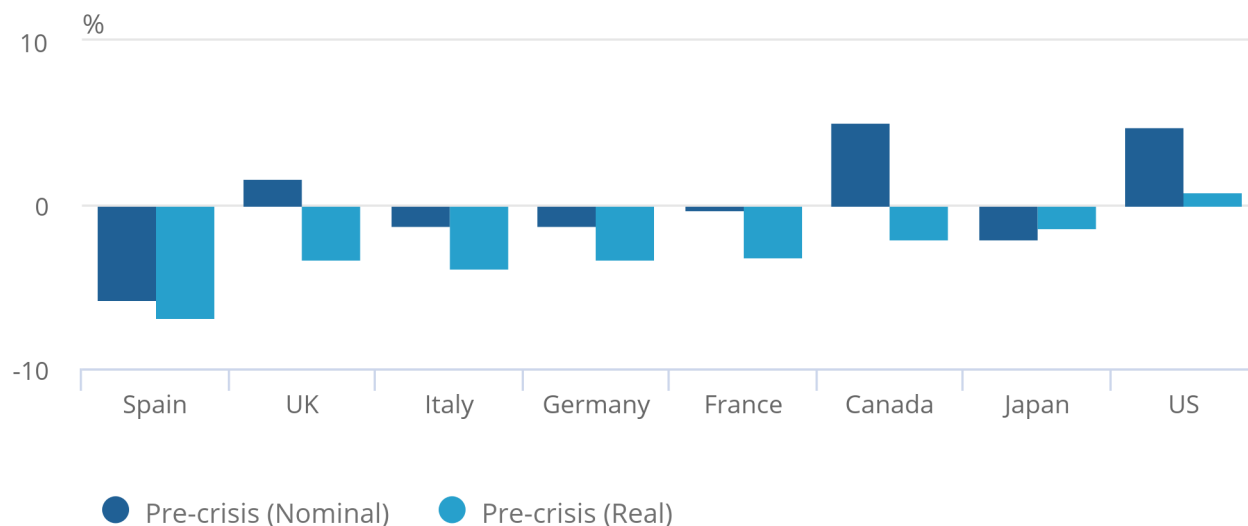
Recent analysis highlights the [challenges of making international comparisons of GDP at this time](#) and suggests it may be useful to compare nominal and real estimates of GDP, as well as estimates excluding government expenditure. Our initial international engagement has shown differences between National Statistical Institutes (NSIs) in how the challenges of non-market output have been addressed, particularly over the pandemic period, where many, including the ONS, have applied specific additional adjustments to account for changes in the delivery of public services. This means there are some challenges around international comparability at this stage. More information can be found in the article [International comparisons of GDP during the coronavirus \(COVID-19\) pandemic](#).

Figure 2: The UK, like all G7 economies (except the US), is still to recover to its pre-pandemic levels of real GDP

Percentage change, nominal and real GDP, Quarter 4 (Oct to Dec) 2019 to Quarter 2 (Apr to June) 2021

Figure 2: The UK, like all G7 economies (except the US), is still to recover to its pre-pandemic levels of real GDP

Percentage change, nominal and real GDP, Quarter 4 (Oct to Dec) 2019 to Quarter 2 (Apr to June) 2021



Source: Office for National Statistics – GDP quarterly national accounts

Notes:

1. Chart shows the percentage change in real and nominal GDP in Quarter 2 (Apr to June) 2021 compared with Quarter 4 (Oct to Dec) 2019.
2. Data as at 21 September 2021.

3 . Output

Services, production, and construction output all increased in Quarter 2 (Apr to June) 2021 as coronavirus (COVID-19) restrictions continued to ease to varying degrees in [England](#), [Scotland](#) and [Wales](#).

Services

There was an increase in services output of 6.5% in Quarter 2 2021, revised upwards from a first estimate of 5.7%. Health and social work contributed 0.6 percentage points to this upward revision in Quarter 2 2021, increasing by 8.6% compared with a first estimate of 2.8%. This revision is because of updated non-coronavirus health activity components. There is more information on health estimates in Quarter 2 2021 in [Section 4: Expenditure](#).

Services output is now 2.2% below Quarter 4 (Oct to Dec) 2019 levels, revised up from 3.5% below. Wholesale and retail trade, accommodation and food service activities, education, and health provided the largest quarterly contributions to services output growth. Accommodation and food services increased by 87.6% in Quarter 2 2021, while wholesale and retail trade increased by 13.1%. These increases reflected the reopening of indoor hospitality and non-essential retail, and Euro 2020. Other services, which include arts, entertainment and recreation, and other personal activities such as hairdressing, saw a rise of 20.4% in Quarter 2 2021 as restrictions on in-person contact eased. Overall, consumer-facing services increased by 17.6% in Quarter 2 2021.

There was a 20.6% increase in education output in Quarter 2 2021, reflecting the re-opening of schools over the period as in-school attendance rates increased. There is more information on education estimates in Quarter 2 2021 in [Section 4: Expenditure](#), including revisions to these components.

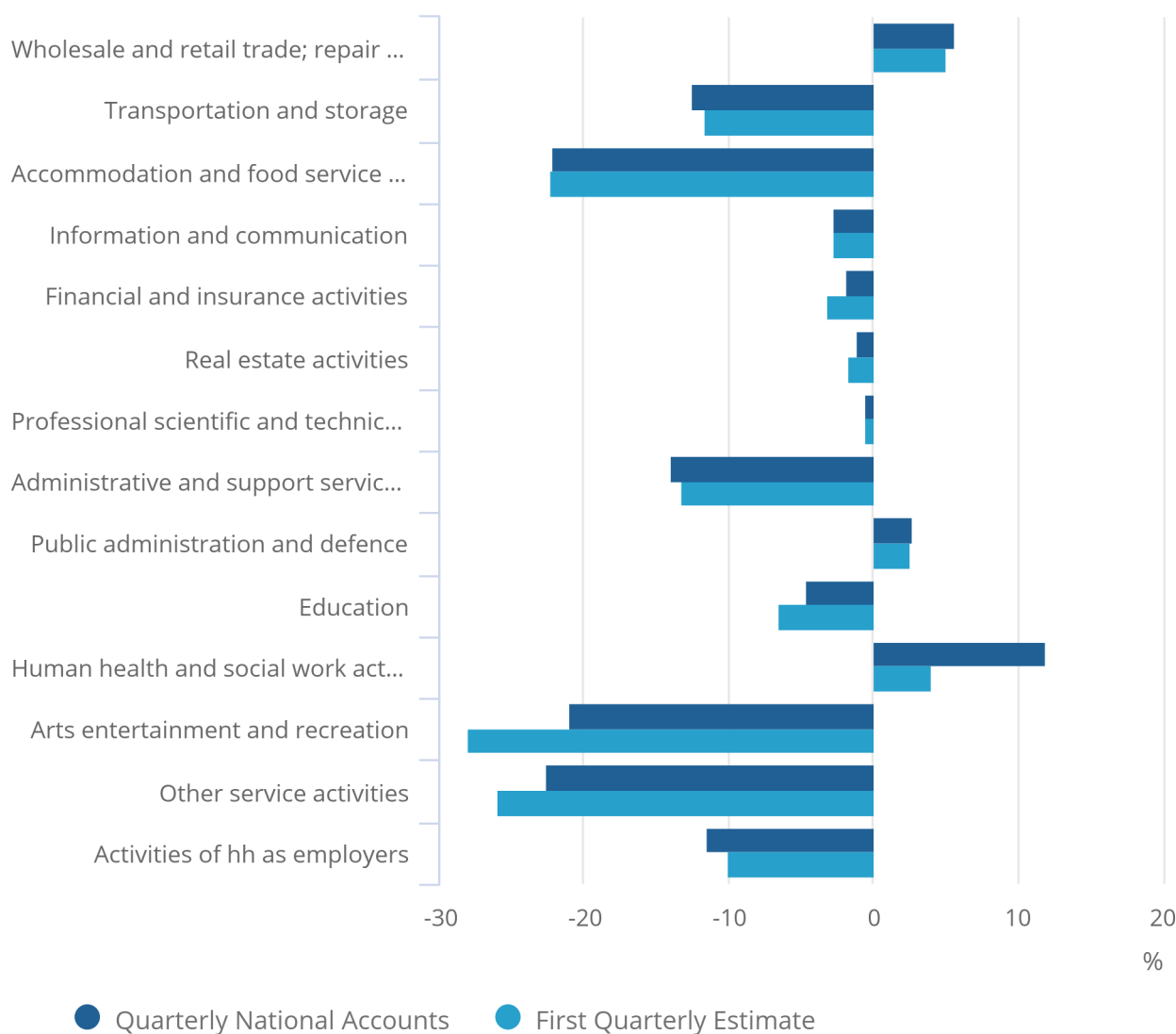
Figure 3 shows the level of output of the services industries relative to its pre-pandemic levels, capturing the impact of revisions. It highlights that the relative industry-level effects are broadly unchanged, although there have been updated data and improvements to how we estimate health output (see Section 4). Arts, entertainment and recreation and other services activities are now slightly stronger because of the addition of value-added tax (VAT) data for Quarter 4 (Oct to Dec) 2020 and Quarter 1 (Jan to Mar) 2021 for the first time.

Figure 3: The services sector in Quarter 2 (Apr to June) 2021 is now a revised 2.2% below its pre-pandemic level (Quarter 4 2019), reflecting upward revisions in health and other services

Percentage change, breakdown of the services sector, Quarter 4 (Oct to Dec) 2019 to Quarter 2 (Apr to June) 2021

Figure 3: The services sector in Quarter 2 (Apr to June) 2021 is now a revised 2.2% below its pre-pandemic level (Quarter 4 2019), reflecting upward revisions in health and other services

Percentage change, breakdown of the services sector, Quarter 4 (Oct to Dec) 2019 to Quarter 2 (Apr to June) 2021



Source: Office for National Statistics – GDP quarterly national accounts

Notes:

1. Chart shows the percentage change in the services sector in Quarter 2 (Apr to June) 2021 compared with Quarter 4 (Oct to Dec) 2019.

Production

Production output rose by 1.0% in Quarter 2 2021, revised up by 0.5 percentage points from the first estimate. The increase in production output in Quarter 2 2021 was mainly driven by an unrevised 1.8% rise in manufacturing.

The increase in manufacturing output was driven by food products, beverages and tobacco, and machinery and equipment. There was a fall in the output of the manufacture of transport equipment, which was particularly impacted by microchips shortages. The production of motor vehicles fell by 16.7% in Quarter 2 2021, its second consecutive quarterly fall, as a global semiconductor shortage affecting the production of new cars disrupted supply chains. Output in the manufacture of motor vehicles sub-industry is now 24.0% below its pre-pandemic level (Quarter 4 2019).

Elsewhere in production, there was a contraction of 15.9% in mining and quarrying in Quarter 2 2021, including the oil and gas extraction sub-industry. This reflected the planned temporary closures for maintenance of oil field production sites throughout the quarter.

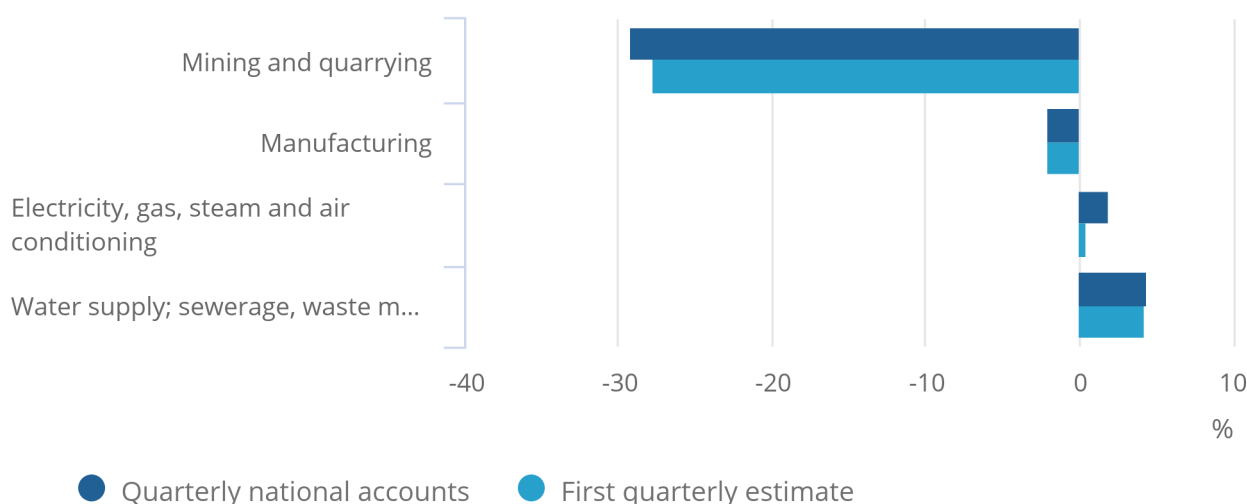
Figure 4 shows the level of output of the production industries relative to their pre-pandemic levels. There have been some upward revisions in the energy and water supply industries, offset by a downward revision to mining and quarrying output.

Figure 4: The production sector in Quarter 2 (Apr to June) 2021 is now a revised 2.8% below its pre-pandemic level (Quarter 4 2019)

Percentage change, breakdown of the production sector, Quarter 4 (Oct to Dec) 2019 to Quarter 2 (Apr to June) 2021

Figure 4: The production sector in Quarter 2 (Apr to June) 2021 is now a revised 2.8% below its pre-pandemic level (Quarter 4 2019)

Percentage change, breakdown of the production sector, Quarter 4 (Oct to Dec) 2019 to Quarter 2 (Apr to June) 2021



Source: Office for National Statistics – GDP quarterly national accounts

Notes:

1. Chart shows the percentage change in the production sector in Quarter 2 (Apr to June) 2021 compared with Quarter 4 (Oct to Dec) 2019.

Construction

Construction output increased by a revised 3.8% in Quarter 2 2021 and has now broadly recovered to its pre-pandemic output level. The largest contributions to construction output growth in Quarter 2 2021 were from infrastructure, new work, and repair and maintenance. There was weaker construction output across the latter two months of the quarter as some businesses reported limited availability of certain construction products, most notably timber, steel, cement and tiles. However, there was still a rise in output compared with Quarter 1 (Jan to Mar) 2021, because of a low base of construction output in the first quarter.

The latest quarter saw small positive revision (of 0.5ppts) compared with the large revisions to construction output growth for Quarter 2 (Apr to June) 2020 (downward revision of 1.9ppts) and Quarter 4 (Oct to Dec) 2020 (upward revision of 2.3 ppts). These revisions were driven by improvements to VAT data in Q2 2020; and incorporating VAT data for the first time for Q4 2020.

4 . Expenditure

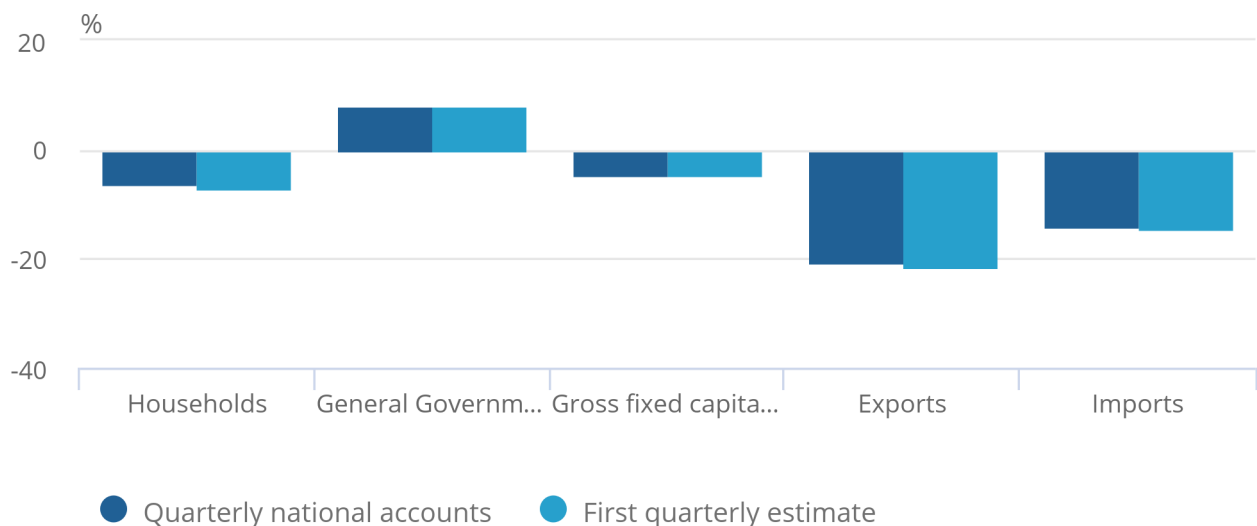
In Quarter 2 (Apr to June) 2021, there were increases in all the main components of expenditure, with the largest contribution from the 7.2% quarterly increase in household consumption. These increases are following the easing of coronavirus (COVID-19) restrictions in Quarter 2 2021 compared with those in place in Quarter 1 (Jan to Mar) 2021. Following revisions to their first estimates, all of the main components of expenditure show broadly the same cumulative position relative to their pre-pandemic levels (Figure 5).

Figure 5: All the components of expenditure show broadly the same cumulative position relative to their pre-pandemic levels as previously estimated

Percentage change, breakdown of the main expenditure components, Quarter 4 (Oct to Dec) 2019 to Quarter 2 (Apr to June) 2021

Figure 5: All the components of expenditure show broadly the same cumulative position relative to their pre-pandemic levels as previously estimated

Percentage change, breakdown of the main expenditure components, Quarter 4 (Oct to Dec) 2019 to Quarter 2 (Apr to June) 2021



Source: Office for National Statistics – GDP quarterly national accounts

Notes:

1. Chart shows the percentage change in the production sector in Quarter 2 (Apr to June) 2021 compared with Quarter 4 (Oct to Dec) 2019.
2. The chart for presentation purposes excludes data on final consumption expenditure of Non-profit institutions serving households; and under gross capital formation: changes in inventories; and acquisitions less disposables of assets.

Household consumption

In Quarter 2 2021, household consumption increased by 7.2%, revised from a first estimate of 7.3%. This reflects the easing of COVID-19 restrictions, following a fall of 4.4% in the previous quarter. Household consumption is now 6.3% lower than in Quarter 4 (Oct to Dec) 2019.

The largest contributions in Quarter 2 2021 were from spending on restaurants and hotels and transport, which all performed strongly with the reopening of the economy (Figure 6). This was partly offset by a fall in food and drink consumption expenditure, which may be because of the strong rise in spending on restaurants and hotels.

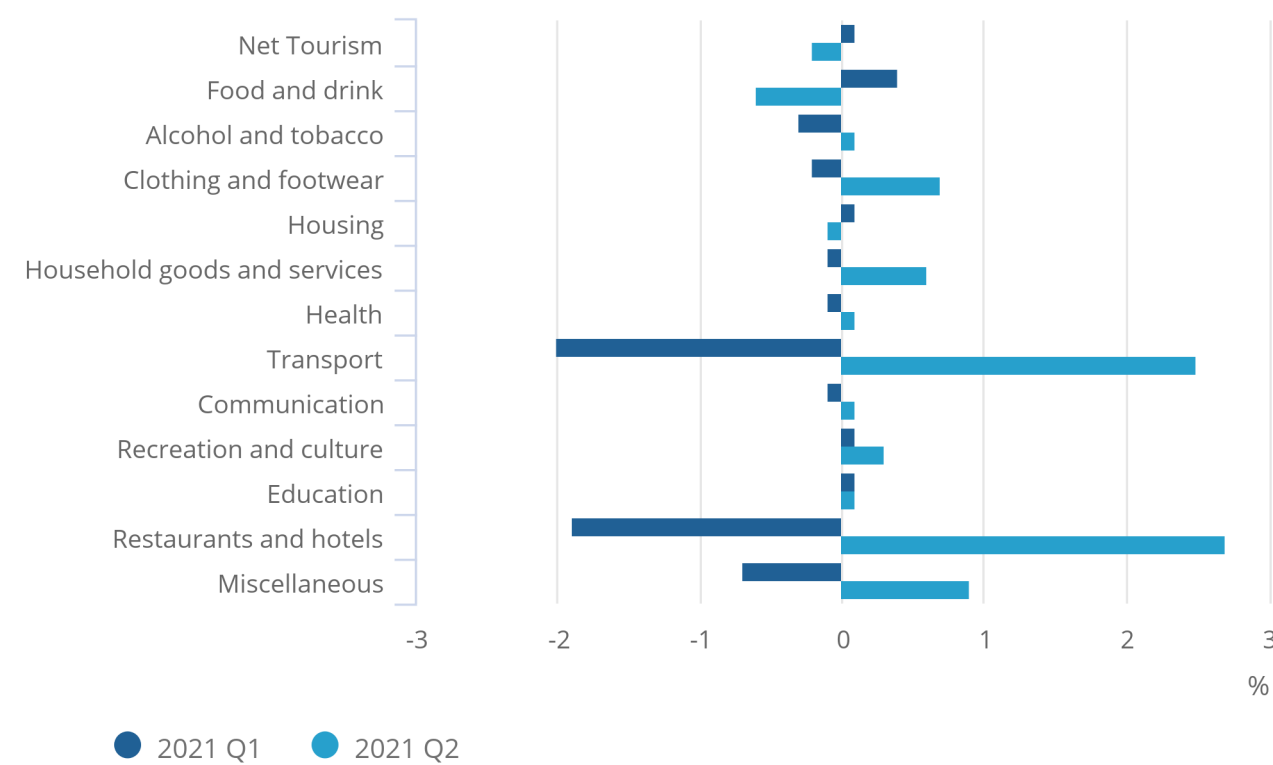
[Previous analysis from the Retail Sales Index](#) showed feedback from retailers suggesting that in-store food sales were negatively affected in May by both the reopening of all retail sectors and the relaxation of hospitality restrictions.

Figure 6: Spending on restaurants and hotels, and transport were the main contributors to growth in household consumption in Quarter 2 (Apr to June) 2021

UK, contributions to household expenditure growth, Quarter 1 (Jan to Mar) and Quarter 2 (Apr to June) 2021

Figure 6: Spending on restaurants and hotels, and transport were the main contributors to growth in household consumption in Quarter 2 (Apr to June) 2021

UK, contributions to household expenditure growth, Quarter 1 (Jan to Mar) and Quarter 2 (Apr to June) 2021



Source: Office for National Statistics – GDP quarterly national accounts

Notes:

1. Chart shows contribution to household consumption growth between 2020 Q4 (Oct to Dec) to 2021 Q1 (Jan to Mar), and 2021 Q1 (Jan to Mar) to 2021 Q2 (Apr to June).
2. Components contribution may not sum to total because of rounding.

Consumption of government goods and services

In Quarter 2 2021, government consumption rose by 8.1%, upwardly revised from a first estimate of 6.1%. The quarterly rise was driven by increases in health and education.

The consumption of education services increased by 32.2% in Quarter 2 2021, following a 18.3% fall in the previous quarter. This reflects an increase in school attendance in all months across the quarter as schools reopened.

This release includes revisions to the [adjustment introduced to education output](#) last year to account for remote schooling. The first part consists of incorporating new data collected by the Department for Education on in-school attendance rates by school type for England from September 2020 onwards. The second revises the assumption made for absences where pupils do not attend either in-school or remote learning, to incorporate school type and nation-specific data from before the pandemic, replacing an average assumption for all school types. The third and largest factor involves an improvement to the application of the remote learning full-time equivalency factor, which is calculated separately for primary and secondary schools, and is now applied on an age-specific basis for academies, special schools and publicly-funded places in independent pre-schools.

The main impact of these improvements is to reduce the level of education output in Quarter 2 (Apr to June) 2020 and Quarter 1 2021, the two periods where there was a general policy of school closures. This then has an impact on the growth rates into Quarter 3 (July to Sep) 2020 and Quarter 2 2021.

The consumption of health services increased by 11.4% in Quarter 2 2021. This was because of strong growth in non-COVID-19 health activity, with general practice (GP) appointments showing strong growth in June 2021. This was further boosted by NHS Test and Trace services and the COVID-19 vaccine programme. We have also improved how we estimate this type of non-market output, incorporating new cost-weighted activity indicators. For further information, please refer to the [accompanying article](#). Alongside this improvement, the non-COVID-19 health activity data has seen upwards revisions because of the revised source data, as well as a review of balancing adjustments, which were applied in our [first estimate](#) to achieve consistency with monthly gross domestic product (GDP).

Gross capital formation

In Quarter 2 2021, gross fixed capital formation rose by 0.8%, revised up from a 0.5% fall in the first quarterly estimate. This upward revision was mainly driven by business investment which increased by 4.5% in Quarter 2 2021 revised from a first estimate of 2.4%, due to updated survey data. Business investment is still 12.8% below its pre-pandemic levels (Figure 7).

Our Quarterly Capital Assets Survey (QCAS) finds a fall in business responses highlighting uncertainty as a challenge to business investment. This is further supported by independent evidence from the Bank of England's [Decision Maker Panel](#) survey, which found that businesses estimated that their capital expenditure would be 12% lower than normal due to coronavirus in Quarter 2 2021, although overall uncertainty for businesses has improved recently.

Figure 7: Business investment is now 12.8% below its pre-pandemic level

UK, Quarter 4 (Oct to Dec) 2019 to Quarter 2 (Apr to June) 2021

Figure 7: Business investment is now 12.8% below its pre-pandemic level

UK, Quarter 4 (Oct to Dec) 2019 to Quarter 2 (Apr to June) 2021



Source: Office for National Statistics – GDP quarterly national accounts

Notes:

1. 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).
2. Index is referenced to Quarter 4 (Oct to Dec) 2019.

Elsewhere in gross capital formation, total change in inventories rose in Quarter 2 (Apr to June) 2021 by just under £3 billion although, excluding alignment adjustment, there was an increase in inventories of £196 million in Quarter 2 2021. The unaligned inventories is revised down from a £2.3 billion increase in the first estimate. Manufacturing industries contributed the most to this change in inventories, particularly in materials stored and fuels. Comments from companies noted an increase of the cost of materials with some companies also increasing stocks to hedge the supply chain problems and in readiness for the end of lockdowns and the economy opening up fully.

Note that alignment and balancing adjustments are typically applied to the inventories component to help balance the different approaches to GDP. More detail can be found in [Section 10: Quality and methodology](#). Therefore, the unadjusted data can provide a better understanding of the change in the inventory position of businesses in the whole economy.

Table 2: Change in inventories, including and excluding balancing and alignment adjustments
UK, Quarter 1 (Jan to Mar) 2020 to Quarter 2 (Apr to June) 2021

	Change in Inventories	Of which alignment	Of which balancing	Change in Inventories excluding alignment and balancing
2020 Q1 Current price	143	3,116		-2973
Chained volume measure	197	2,987		-2790
2020 Q2 Current price	-4,218	-3,216	-1150	148
Chained volume measure	-7,628	-2,957	-3150	-1521
2020 Q3 Current price	-6,901	475		-7376
Chained volume measure	-4,449	383		-4832
2020 Q4 Current price	2,147	-375		2,522
Chained volume measure	2,645	-413		3,058
2021 Q1 Current price	5,368	2,562		2,806
Chained volume measure	4,215	2,339		1,876
2021 Q2 Current price	4,562	2,977	100	1,485
Chained volume measure	2,996	2,800	100	96

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.

Net trade

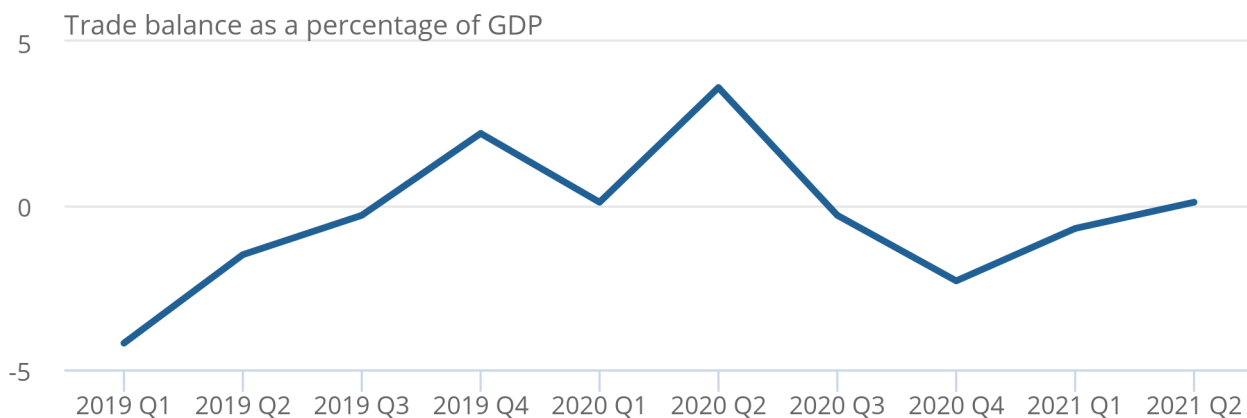
The UK's trade balance (exports minus imports) was 0.1% of nominal GDP in Quarter 2 2021. The latest figures show a further rebound in goods trade, while services trade remained subdued. Some of the increase in trade flows in the second quarter is likely to reflect the recovery following the end of the transition period EU Exit and the easing of COVID-19 pandemic restrictions earlier in the year.

Figure 8: The UK's trade balance was 0.1% of nominal GDP in Quarter 2 (Apr to June) 2021

UK, Quarter 1 (Jan to Mar) 2019 to Quarter 2 (Apr to June) 2021

Figure 8: The UK's trade balance was 0.1% of nominal GDP in Quarter 2 (Apr to June) 2021

UK, Quarter 1 (Jan to Mar) 2019 to Quarter 2 (Apr to June) 2021



Source: Office for National Statistics – GDP quarterly national accounts

Notes:

1. 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).

In volume terms, exports of goods and services increased by 6.2% in Quarter 2 2021, revised up from a first estimate of 3.0%. This revision is driven by updated data in both goods and services, in particular from the International Trade in Services Survey. This quarterly increase was driven by a rise of 13.4% in exports of goods, because of rises in chemicals, machinery and transport equipment, and material manufactures. Exports of services fell by 1.8%, particularly in other business services, financial services, and travel services.

Imports of goods and services rose by 2.4% in Quarter 2 2021, revised down from a first estimate of 6.5%. This was driven by a 2.9% rise in imports of goods and a 0.9% rise in imports of services. There was a similar pattern in the flows of imports as seen in exports.

5 . Income

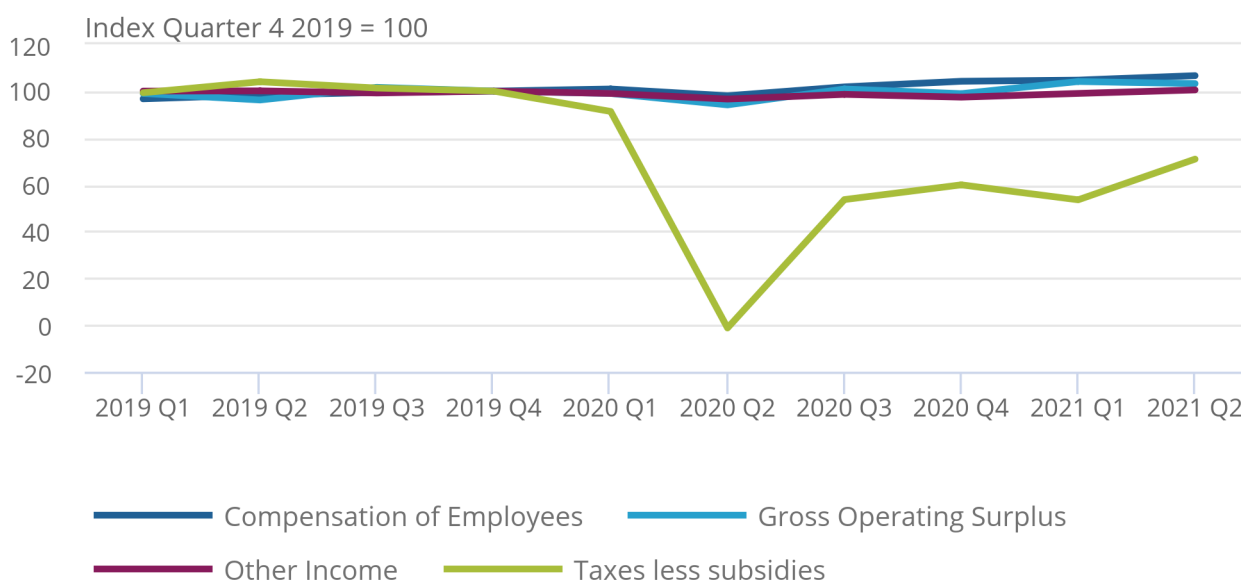
Nominal gross domestic product (GDP) rose by 3.1% in Quarter 2 (Apr to June) 2021, revised down by 0.5 percentage points. This increase in nominal GDP was driven by increases in taxes less subsidies and compensation of employees.

Figure 9: Nominal GDP increased by a revised 3.1% in Quarter 2 (Apr to June) 2021

UK, Quarter 1 (Jan to Mar) 2019 to Quarter 2 (Apr to June) 2021

Figure 9: Nominal GDP increased by a revised 3.1% in Quarter 2 (Apr to June) 2021

UK, Quarter 1 (Jan to Mar) 2019 to Quarter 2 (Apr to June) 2021



Source: Office for National Statistics – GDP quarterly national accounts

Notes:

1. 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).
2. Index is referenced to Quarter 4 (Oct to Dec) 2019

Total compensation of employees rose by 1.8% in Quarter 2 2021, driven by a 1.7% rise in wages and salaries and a 2.4% rise in employers' social contributions.

Total net taxes less subsidies rose in Quarter 2 2021 by 32.5%. Taxes grew by 9.1% primarily driven by higher value-added tax (VAT) revenues following the re-opening of the economy. Subsidies fell by 19.8% driven by a fall in the Small Business Support Scheme (SMG) and a fall in those that had been furloughed under the Coronavirus Job Retention Scheme (CJRS). This decrease in CJRS was partly offset by an increase in the Self-Employment Income Support Scheme (SEISS).

Growth in the gross operating surplus (GOS) of corporations saw a downward revision of 3.3 percentage points in Quarter 2 (Apr to June) 2021 leading to a fall of 0.8%. Financial corporations saw no growth in Quarter 2, a downward revision from the previous estimate of a 2.1% increase in Quarter 2 2021, and it is now showing no growth on the quarter. This revision was due to survey data replacing forecasts in the latest quarter and the inclusion of Financial Services Survey data, which has improved the coverage and measurement of gross operating surplus of other financial institutions and has led to revisions in all years since 1997. The Other Financial Institutions subsector now accounts for approximately 27.8% of total Financial Corporations' GOS in 2020, compared to -4.6% in the previous estimate.

Private non-financial corporations GOS contracted by 1.4%, although this mainly reflects the alignment adjustment that is applied to this component for the purpose of balancing the income estimate of GDP (Table 3). When the alignment adjustment is removed, private non-financial corporations' GOS increased by 1.3% in Quarter 2 2021.

Table 3: Gross operating surplus of private non-financial corporations, including and excluding balancing and alignment adjustments

UK, Quarter 1 (Jan to Mar) 2020 to Quarter 2 (Apr to June) 2021

	Gross operating surplus of private non-financial corporations	Of which alignment	Gross operating surplus of private non-financial corporations excluding alignment	Gross operating surplus of private non-financial corporations excluding alignment
Quarter-on-quarter growth				
2020 Q1	99,812	-418	100,230	-1.8
2020 Q2	95,167	2,619	92,548	-7.7
2020 Q3	10,3082	780	102,302	10.5
2020 Q4	98,768	-2,981	101,749	-0.5
2021 Q1	105,513	2,952	102,561	0.8
2021 Q2	103,998	94	103,904	1.3

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

This release includes revisions to the entire time series as part of Blue Book 2021, which will be released on 29 October 2021. In Blue Book 2021 [a new framework](#) will be introduced to improve how we produce volume estimates of gross domestic product (GDP) for balanced years as part of the supply use process. This framework includes the implementation of double-deflated industry-level gross value added (GVA) for the first time. This improvement is reflected in this release and will also be reflected in October 2021's monthly GDP estimates.

Detailed information regarding changes for the [financial sector data](#) and [double deflation](#) were released on 28 June 2021. Additional analysis was published on 28 July, providing [indicative impacts on quarterly average GDP](#). On 8 September 2021, we published [Impact of Blue Book 2021 changes on quarterly and monthly volume estimates of gross domestic product by industry](#).

In line with our [National Accounts Revisions Policy](#), all periods up to Quarter 2 (April to June) 2021 in this release are open to revision. These revisions incorporate the Blue Book 2021 methodological changes, improved source data and additional updated data as would happen in all quarterly national accounts releases. This includes new value-added tax (VAT) turnover data for Quarter 4 (Oct to Dec) 2020 and Quarter 1 (Jan to Mar) 2021.

Table 4: Revisions to quarter-on-quarter growth for components of GDP
Quarter 1 (Jan to Mar) 2020 to Quarter 2 (Apr to Jun) 2021

Percentage points

	2020 Q1	2020 Q2	2020 Q3	2020 Q4	2021 Q1	2021 Q2
Average GDP in chained volume measures	0.1	-0.1	0.5	-0.2	0.2	0.7
Output						
Production	-0.4	-0.9	1.1	0.5	0.1	0.5
Construction	0.5	-1.9	-0.1	2.3	-0.1	0.5
Services	0.1	-0.3	0.9	-0.1	0.3	0.8
Expenditure						
Households	0	0.5	0.2	-0.1	0.2	-0.1
Non-profit institutions serving households	-0.8	1.4	-0.4	1.1	-1.3	-3.5
General government	-1.2	-0.4	1.2	-1.9	0.5	2
Gross fixed capital formation	-1.4	1.4	-0.1	0	-1.3	1.3
Total exports	0.3	-0.7	0	0.3	-1.9	3.2
Total imports	0.8	-1.5	0.6	3	2	-4.1
Average GDP in current prices	0.3	-0.7	0.0	0.3	-1.9	3.2
Income						
Compensation of employees	0.2	0.1	0.3	-0.1	1.1	0.1
Gross operating surplus of corporations	1.0	2.9	-6.5	2.0	2.6	-3.3
Other income	0.3	0.6	-0.8	0.2	0.2	1.7
Taxes on products and production less subsidies	1.4	-2.3	-10669.8	3.3	-0.9	-1.6

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. Revisions are between the GDP first quarterly estimate published 12 August 2021 and quarterly national accounts published 30 September 2021.
3. Please note, the revision to taxes on products and production less subsidies appears large, but reflects record high levels seen across 2020.

Quarter 1 (Jan to Mar) 2020

Gross domestic product (GDP) growth in volume terms is now estimated to have fallen by 2.7%, revised upwards by 0.1 percentage points from the previous estimate.

There have been upwards revisions to all three approaches to measuring GDP. The expenditure revisions are mainly driven by revisions to gross fixed capital formation components. The revisions to the income approach to measuring GDP are mainly because of revisions to compensation of employees and corporations' gross operating surplus (GOS). The upwards revisions to the output approach is because of revisions to the construction and services sectors.

Quarter 2 (Apr to June) 2020

There have been downward revisions to the output and income approaches to measuring GDP. The output revisions are driven by revisions to the production, construction and services sectors, while the income revisions are primarily as a result of revisions to taxes less subsidies.

Quarter 3 (Jul to Sep) 2020

GDP growth in volume terms is now estimated to be 17.4%, revised upwards by 0.5 percentage points from the previous estimate. There have been upwards revisions to all three approaches to measuring GDP. The growth volume terms in expenditure and output are mainly driven in the education component. Further details can be found in the [Section 4: Expenditure](#) of the release.

Quarter 4 (Oct to Dec) 2020

GDP growth in volume terms is now estimated to be 1.1%, revised downwards by 0.2 percentage points from the previous estimate.

The revision is a result of downward revisions to the expenditure and income approaches to measuring GDP, partially offset by the output approach with a small positive revision. The downward revision to expenditure was driven by government and household consumption, and income saw downwards revisions in compensation of employees.

Quarter 1 (Jan to Mar) 2021

GDP growth in volume terms is now estimated to have fallen 1.4%, revised upwards by 0.2 percentage points from the previous estimate.

In the output approach to measuring GDP, which is the lead measure in the latest two quarters, there are upwards revisions to services and production.

There is an upward revision to the expenditure approach driven by revisions in general government, net imports and gross capital formation (GCF). Upwards revisions to GCF are mainly because of revisions to the alignment adjustment, which is applied to the change in the inventories component.

Quarter 2 (Apr to June) 2021

GDP growth in volume terms is now estimated to have grown by 5.5%, revised upwards by 0.7 percentage points from the previous estimate.

In the output approach to measuring GDP, which is the lead measure in the latest two quarters, this upward revision is mainly because of services and is largely a result of a revision to health. For more information see [Section 4: Expenditure](#).

Both expenditure and income components were revised upwards. Within expenditure business investment saw a notable revision, which impacted on GFCF, and the income measure saw positive revisions to all components.

7 . Quarterly sector accounts

Estimates published for the first time today, 30 September 2021, are consistent with a number of methodological improvements to the institutional sector accounts introduced as part of our annual improvement programme. Indicative impacts of changes to the main financial and non-financial accounts estimates were discussed in our [annual article](#) published on 8 September 2021.

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

Figure 10 shows that in the non-financial account the UK's borrowing position with the rest of the world was -1.5% as a percentage of gross domestic product (GDP) in Quarter 2 (Apr to June) 2021, down from -1.7% of GDP in Quarter 1 (Jan to Mar) 2021. This was driven by a rise in the trade in goods balance of £6.1 billion.

Households saw a decrease in their net lending position to 4.7% of GDP in Quarter 2 2021, down from 9.2% of GDP in the previous quarter. This was driven by an increase in household spending of £24.6 billion, a 7.9% increase from Quarter 1 2021 and a 23.1% increase on the recent low, seen in Quarter 2 2020. The reduced lending position this quarter was also driven by a rise in taxes on income and wealth of £4.0 billion, particularly increased payments of taxes on employment. This was partially offset by a rise in wages and salaries of £4.0 billion.

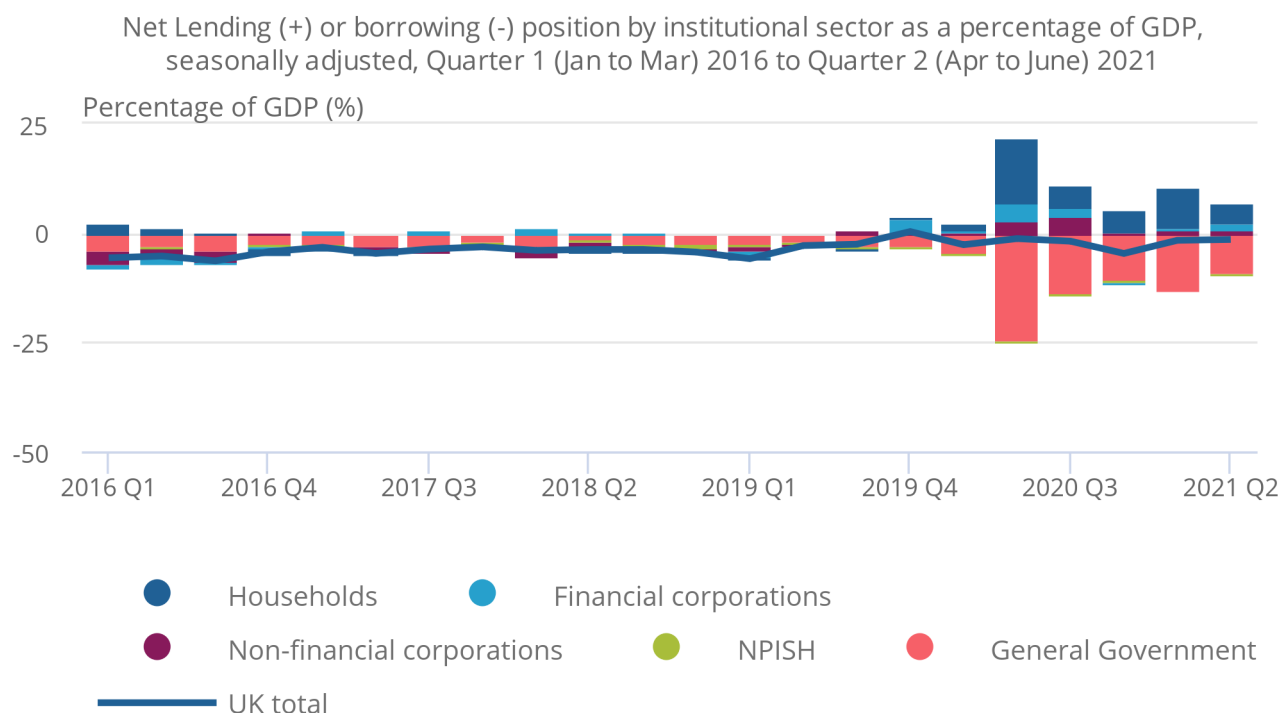
In contrast, general government has reduced its net borrowing position to -8.9% of GDP in Quarter 2 2021 from -13.1% of GDP in Quarter 1 2021. This has been driven by increased income from taxes on products and production, with value-added tax (VAT) receipts increasing by £3.3 billion, and a fall in subsidies paid of £2.1 billion. This was supported by a fall in government final consumption expenditure of £3.9 billion, primarily as a result of decreased spending in health amongst other areas.

Non-financial and financial corporations both increased their net lending position to 1.1% of GDP in the quarter. Within Non-financial corporations, Private non-financial corporations (PNFCs) increased their net property income by £1.9 billion, driven by increased net distributed income of corporations of £9.6 billion. This was partially offset by decreased net reinvested earnings on foreign direct investment of £7.5 billion. Financial Corporations' net lending increased to £6.5 billion (1.1% of GDP) following lending of £1.1 billion (0.2% of GDP) in Quarter 1. This was driven by a fall in the acquisition less disposal of valuables of £8.6 billion.

Figure 10: Fall in UK net borrowing was driven by lower general government net borrowing, with increased net lending of corporations partially offset by decreased household net lending

Net Lending (+) or borrowing (-) position by institutional sector as a percentage of GDP, seasonally adjusted, Quarter 1 (Jan to Mar) 2016 to Quarter 2 (Apr to June) 2021

Figure 10: Fall in UK net borrowing was driven by lower general government net borrowing, with increased net lending of corporations partially offset by decreased household net lending



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. NPISH refers to Non-profit institutions serving households.

Figure 11 shows the household saving ratio decreased to 11.7% in the latest quarter from 18.4% in Quarter 1 2021, which was the second highest on record. Household gross disposable income remained unchanged on the previous quarter, but household final consumption expenditure rose by 7.9% from Quarter 1 2021. Household final consumption expenditure rose as spending on clothing and footwear, transport, and restaurants increased as coronavirus restrictions reduced through the quarter.

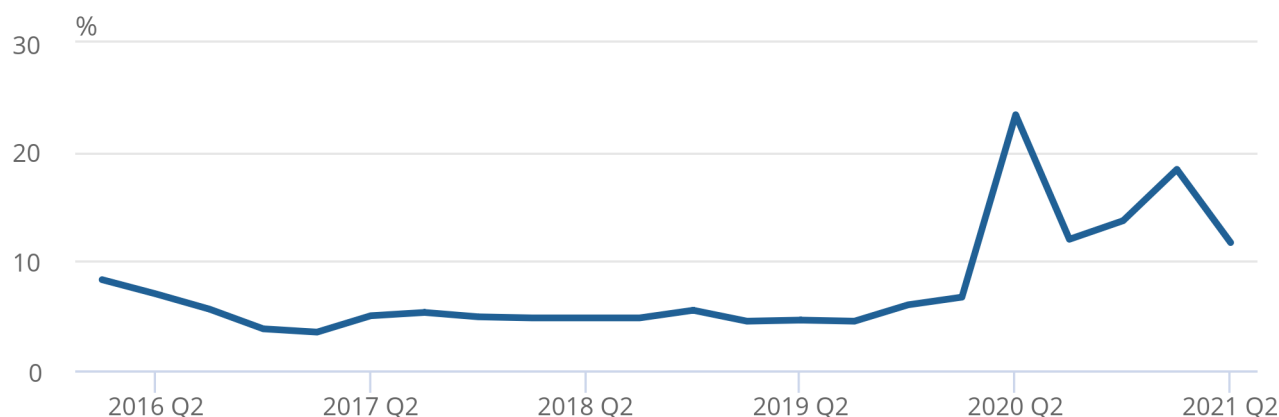
Real household disposable income fell by 0.7% in Quarter 2 2021 despite no change in nominal household gross disposable income, as there was a quarterly rise in household inflation of 0.7%.

Figure 11: The household saving ratio fell to 11.7% from 18.4% in the previous quarter

UK household saving ratio, percentage, Quarter 1 (Jan to Mar) 2016 to Quarter 2 (Apr to June) 2021

Figure 11: The household saving ratio fell to 11.7% from 18.4% in the previous quarter

UK household saving ratio, percentage, Quarter 1 (Jan to Mar) 2016 to Quarter 2 (Apr to June) 2021



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).

Financial account net lending and borrowing (not seasonally adjusted)

Households decreased their net lending position by £8.2 billion on the quarter to £27.7 billion. This was driven by a rise in acquisition of loans secured on dwellings of £6.5 billion as the demand for mortgages remained strong ahead of the 30 June cut off for reduced rates of stamp duty land tax. There was also a fall in deposits with UK monetary financial institutions, as household expenditure on some discretionary spending increased.

General government increased its net borrowing position by £20.5 billion in Quarter 2 2021, with central government increasing its issuance of debt securities by £40.0 billion, primarily driven by an increase in the issuing of long-term debt securities. Central Government also decreased their net acquisition of deposits by £21.0 billion in the quarter.

Non-financial corporations marginally increased their net lending position to £8.5 billion in Quarter 2 2021, from £8.3 billion the previous quarter. Private Non-Financial Corporations (PNFCs), a subsector of non-financial corporations, saw an increase in their net lending position to £9.9 billion in Quarter 2 2021. PNFCs increased their deposit assets by £43.0 billion. However, they decreased their net other accounts payable/receivable by £27.5 billion.

Financial corporations switched to net lending of £21.3 billion in Quarter 2 2021 from net borrowing of £16.7 billion in the previous quarter. This was driven by the acquisition of overseas shares of £63.4 billion and a reduction in the issuance of long-term debt securities of £28.1 billion.

Annex table

Significant government interventions affecting the non-financial account of the Sector Accounts from Quarter 2 2020:

- Coronavirus Job Retention Scheme (CJRS) was implemented by the government to support employers maintaining their employees on the payroll
- Self-Employment Income Support Scheme (SEISS) is a grant scheme to support the self-employed with the intention of supporting their business operations and compensating for loss of income
- Small Business Grant Fund and the Retail, Hospitality and Leisure Grant Fund are two grants intended to help businesses with a fall in sales or increased costs as a result of coronavirus

The flow of these interventions through the UK's institutional sectors is shown in Table 5.

Table 5: Flow of interventions
Quarter 2 (Apr to June) 2020 to Quarter 2 2021, £bn

Intervention	Transaction	Central Government sector	Local Government sector	All sectors (excl RoW)	Households sector	Notes:
Non-Financial Account	Transactions 2020 Q2					
	Subsidy on Production (D.39 U)	28.3bn				
Coronavirus Job Retention Scheme	Subsidy on Production (D.39 R)			28.3bn		
	Wages and Salaries (D.11 U)			28.3bn		Gross Operating Surplus neutral
	Wages and Salaries (D.11 R)				28.3bn	HH Wages boosted
Intervention						
	Subsidy on Production (D.39 U)	7.4bn				
Self-Employment Income Support Scheme	Subsidy on Production (D.39 R)				7.4bn	
	Mixed Income (B.3g)				7.4bn	Households mixed income boosted
Intervention						
	Subsidy on Production (D.39 U)		12.2bn			
	Subsidy on Production (D.39 R)			12.2bn		
Small Business Grant Fund	Gross Operating Surplus (B.2g)			12.2bn		Corporations gross operating surplus boosted and contributor to increased deposits in FA (F22 A)
Non-Financial Account	Transactions 2020 Q3					
	Subsidy on Production (D.39 U)	11.0bn				
Coronavirus Job Retention Scheme	Subsidy on Production (D.39 R)			11.0bn		
	Wages and Salaries (D.11 U)			11.0bn		Gross Operating Surplus neutral
	Wages and Salaries (D.11 R)				11.0bn	HH Wages boosted
Intervention						
	Subsidy on Production (D.39 U)	5.9bn				

Self-Employment Income Support Scheme	Subsidy on Production (D.39 R)		5.9bn	
	Mixed Income (B.3g)		5.9bn	Households mixed income boosted
Intervention				
	Subsidy on Production (D.39 U)	0.5bn		
	Subsidy on Production (D.39 R)		0.5bn	
Small Business Grant Fund	Gross Operating Surplus (B.2g)		0.5bn	Corporations gross operating surplus boosted and contributor to increased deposits in FA (F22 A)
Non-Financial Account				
	Transactions 2020 Q4			
	Subsidy on Production (D.39 U)	7.4bn		
Coronavirus Job Retention Scheme	Subsidy on Production (D.39 R)		7.4bn	
	Wages and Salaries (D. 11 U)		7.4bn	Gross Operating Surplus neutral
	Wages and Salaries (D. 11 R)		7.4bn	HH Wages boosted
Intervention				
	Subsidy on Production (D.39 U)	5.5bn		
Self-Employment Income Support Scheme	Subsidy on Production (D.39 R)		5.5bn	
	Mixed Income (B.3g)		5.5bn	Households mixed income boosted
Intervention				
	Subsidy on Production (D.39 U)	2.6bn		
	Subsidy on Production (D.39 R)		2.6bn	
Small Business Grant Fund	Gross Operating Surplus (B.2g)		2.6bn	Corporations gross operating surplus boosted and contributor to increased deposits in FA (F22 A)

Non-Financial Account	Transactions 2021 Q1		
	Subsidy on Production (D.39 U)	11.5bn	
Coronavirus Job Retention Scheme	Subsidy on Production (D.39 R)	11.5bn	
	Wages and Salaries (D.11 U)	11.5bn	Gross Operating Surplus neutral
	Wages and Salaries (D.11 R)	11.5bn	HH Wages boosted
Intervention			
	Subsidy on Production (D.39 U)	0.9bn	
Self-Employment Income Support Scheme	Subsidy on Production (D.39 R)	0.9bn	
	Mixed Income (B.3g)	0.9bn	Households mixed income boosted
Intervention			
	Subsidy on Production (D.39 U)	4.5bn	
	Subsidy on Production (D.39 R)	4.5bn	
Small Business Grant Fund	Gross Operating Surplus (B.2g)	4.5bn	Corporations gross operating surplus boosted and contributor to increased deposits in FA (F22 A)
Non-Financial Account	Transactions 2021 Q2		
	Subsidy on Production (D.39 U)	5.9bn	
Coronavirus Job Retention Scheme	Subsidy on Production (D.39 R)	5.9bn	
	Wages and Salaries (D.11 U)	5.9bn	Gross Operating Surplus neutral
	Wages and Salaries (D.11 R)	5.9bn	HH Wages boosted
Intervention			
	Subsidy on Production (D.39 U)	5.5bn	
	Subsidy on Production (D.39 R)	5.5bn	
Self-Employment			

Income Support Scheme	Mixed Income (B.3g)	5.5bn	Households mixed income boosted
Intervention			
	Subsidy on Production (D.39 U)	1.2bn	
	Subsidy on Production (D.39 R)	1.2bn	
Small Business Grant Fund	Gross Operating Surplus (B.2g)	1.2bn	Corporations gross operating surplus boosted and contributor to increased deposits in FA (F22 A)

Source: Office for National Statistics – GDP quarterly national accounts

8 . GDP quarterly national accounts data

[GDP data tables](#) Dataset | Released on 30 September 2021 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 on 30 September 2021 Quarterly levels for UK gross domestic product (GDP) at current market prices.

[GDP at current prices – real-time database \(YBHA\)](#) Dataset | Released on 30 September 2021 Quarterly levels for UK gross domestic product (GDP) at current market prices.

9 . 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 GDP growth.

Chained volume measure

Data in chained volume measures 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. Gross domestic product (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.

Rolling three-month growth

Rolling three-month growth takes the average level of three consecutive months (for example, April, May and June), and compares it with the average level of the previous three months (for example, January, February, and March). The rolling three-month growth rate is often used alongside the monthly growth rate, as the latter can be more volatile.

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

10 . Measuring the data

Reaching the gross domestic product (GDP) balance

The different data content and quality of the three approaches – the output approach, the expenditure approach and the income approach – dictates 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 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 focussing solely on growth in gross value added (GVA) and output as a proxy for GDP, there is a difference in 2019 and 2020 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-added 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 data tables](#), have a target limit of plus or minus £3,000 million on any quarter.

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 quarter 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) 2020 to Quarter 2 (Apr to June) 2021

GDP measurement approach and component adjustment applied to		Q1 2020	Q2 2020	Q3 2020	Q4 2020	Q1 2021	Q2 2021
Expenditure							
Change in inventories	Current prices		-1,150				100
	Chained volume measure		-3,150				100
Trade in Services (exports)	Current prices		-2,600		1,000	1,000	100
	Chained volume measure		-2,600		1,000	1,000	100
Trade in Services (imports)	Current prices				-1,000	-1,000	
	Chained volume measure				-1,000	-1,000	
Household Final Consumption Expenditure	Current prices				1,000	1,000	
	Chained volume measure				1,000	1,000	
Income							
PNFC GOS	Current prices				-200	100	

Source: Office for National Statistics - GDP quarterly national accounts

Notes

- Adjustments are in £ million.
- 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

On 10 September 2021, estimates of [Monthly GDP](#) were published for July 2021. The [Index of Services](#), [Index of Production](#) and [Construction output in Great Britain](#) publications covering July 2021 are also available.

This release sees revisions to all time periods. Although this release focuses on providing the best quarterly estimate of GDP, an indicative monthly path for the Quarter 1 (Jan to Mar) 2020 and Quarter 2 (Apr to June) 2021 is provided in the dataset. A full breakdown of the monthly data consistent with this release will be available in the next monthly GDP release (on 13 October 2020).

11 . 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 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 Quarter 2 (Apr to June) 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 should be made with increased caution. For more information, please refer to our [recently published blog](#).

12 . Related links

[GDP first quarterly estimate, UK: January to March 2021](#) Bulletin | Released 12 August 2021 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 impact on measures of UK government education output: March 2020 to February 2021](#) Article | Released 31 March 2021 An update on our approach to measuring education output in the UK during the coronavirus (COVID-19) pandemic. Includes a summary of our approach to measuring changes in teaching from March 2020, and the data used to inform our estimates of education output in the UK National Accounts.

[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.

[Impact of Blue Book 2021 changes on current price and volume estimates of gross domestic product](#) Article | Released 28 June 2021 Methodological and data improvements that affect current price and chain volume measure of gross domestic product (GDP), 1997 to 2019

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
2018	96.4	96.3	98.4	98.2	97.3	98.3	98.3	98.0	98.0
2019	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2020	95.6	96.6	90.3	90.2	89.7	90.0	105.5	105.9	107.1
Seasonally adjusted									
2019 Q1	98.8	98.9	99.7	99.7	99.6	99.7	99.0	99.1	99.2
Q2	99.6	99.3	99.8	99.9	100.1	100.0	99.8	99.8	99.4
Q3	100.8	100.9	100.3	100.2	99.7	100.3	100.8	100.5	100.7
Q4	100.8	101.0	100.2	100.2	100.6	100.1	100.5	100.5	100.8
2020 Q1	99.9	100.6	97.5	97.5	97.1	97.5	101.8	102.4	103.2
Q2	86.9	88.2	78.4	78.3	76.1	77.6	111.1	110.8	112.6
Q3	97.1	98.4	92.1	92.0	92.6	92.2	105.1	105.4	106.9
Q4	98.5	99.3	93.1	93.0	92.9	92.6	105.3	105.7	106.8
2021 Q1	99.4	100.8	91.9	91.8	93.3	91.8	107.5	108.2	109.8
Q2	102.5	103.1	96.9	96.8	97.6	96.6	105.2	105.7	106.6
Percentage change, latest year on previous year									
	IHYM	KGL6	IHYP	KGM7	KH6X	L489	KH7D	IHYS	KGM4
2018	3.7	3.7	1.7	1.6	1.5	1.3	1.9	2.0	2.1
2019	3.7	3.8	1.7	1.8	2.8	1.7	1.7	2.0	2.0
2020	-4.4	-3.4	-9.7	-9.8	-10.3	-10.0	5.5	5.9	7.1
Percentage change, latest quarter on previous quarter									
	IHYN	KGL8	IHYQ	KGM9	KH6Z		KH7E	IHYT	KGM5
2019 Q1	1.2	1.2	0.6	0.6	1.2	0.5	0.2	0.5	0.6
Q2	0.8	0.4	0.1	0.2	0.5	0.3	0.8	0.6	0.2
Q3	1.2	1.6	0.5	0.3	-0.4	0.3	1.0	0.8	1.3
Q4	-0.1	0.1	-	-	0.9	-0.2	-0.3	-	0.1
2020 Q1	-0.9	-0.4	-2.7	-2.7	-3.5	-2.6	1.3	1.9	2.4
Q2	-13.0	-12.3	-19.6	-19.6	-21.6	-20.4	9.1	8.2	9.1
Q3	11.7	11.5	17.4	17.5	21.7	18.7	-5.3	-4.9	-5.1
Q4	1.4	1.0	1.1	1.1	0.3	0.5	0.2	0.3	-0.1
2021 Q1	0.9	1.4	-1.4	-1.3	0.4	-0.9	2.1	2.3	2.8
Q2	3.1	2.4	5.5	5.5	4.6	5.2	-2.2	-2.3	-3.0
Percentage change, latest quarter on corresponding quarter of previous year									
	IHYO	KGM2	IHYR	KGN3	KH73	L48D	KH7F	IHYU	KGM6
2019 Q1	4.0	3.9	2.2	2.5	3.9	2.4	1.3	1.8	1.3
Q2	3.8	4.1	1.8	2.1	3.0	1.9	1.8	2.0	2.0
Q3	4.0	4.1	1.6	1.6	2.2	1.6	2.2	2.3	2.4
Q4	3.1	3.4	1.2	1.1	2.1	0.9	1.7	1.9	2.3
2020 Q1	1.1	1.8	-2.2	-2.2	-2.6	-2.2	2.8	3.3	4.1
Q2	-12.7	-11.1	-21.4	-21.6	-24.0	-22.4	11.3	11.1	13.3
Q3	-3.7	-2.5	-8.1	-8.2	-7.1	-8.1	4.3	4.8	6.2
Q4	-2.3	-1.6	-7.1	-7.2	-7.7	-7.4	4.8	5.2	6.0
2021 Q1	-0.5	0.2	-5.8	-5.9	-3.9	-5.8	5.6	5.6	6.4
Q2	17.9	16.9	23.6	23.6	28.2	24.5	-5.3	-4.6	-5.4

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, 5}	
	ABMZ	CAES	YBHA	NTAP	ABML	ABMI	NTAO	ABMM	KLS2	
2018	2 143 850	-30 530	2 174 380	231 761	1 942 619	2 218 196	236 903	1 981 300	1 963 301	
2019	2 242 225	-13 058	2 255 283	237 939	2 017 344	2 255 283	237 939	2 017 344	1 999 160	
2020	2 124 078	-31 996	2 156 073	206 468	1 949 605	2 036 660	216 701	1 819 959	1 805 774	
Seasonally adjusted										
2019 Q1	554 962	-2 287	557 249	58 658	498 591	562 033	59 295	502 744	497 032	
Q2	560 165	-1 311	561 476	60 865	500 611	562 779	58 995	503 785	499 384	
Q3	562 616	-5 823	568 439	59 626	508 813	565 362	59 855	505 505	501 281	
Q4	564 482	-3 637	568 119	58 790	509 329	565 109	59 794	505 310	501 463	
2020 Q1	553 645	-9 531	563 176	55 808	507 368	549 856	58 238	491 618	487 968	
Q2	475 037	-15 154	490 191	45 174	445 017	442 274	47 135	395 139	391 491	
Q3	544 606	-2 831	547 436	51 202	496 234	519 390	55 286	464 104	460 583	
Q4	550 790	-4 480	555 270	54 284	500 986	525 140	56 042	469 098	465 732	
2021 Q1	559 321	-1 105	560 426	52 225	508 201	517 998	55 183	462 815	459 651	
Q2	572 325	-5 475	577 800	57 601	520 199	546 556	58 352	488 204	485 680	
Percentage change,latest year on previous year										
	KH74		IHYM		KGL6	IHYP		KGM7	KLH8	
2018	3.6		3.7		3.7	1.7		1.6	1.5	
2019	4.6		3.7		3.8	1.7		1.8	1.8	
2020	-5.3		-4.4		-3.4	-9.7		-9.8	-9.7	
Percentage change, latest quarter on previous quarter										
	KH75		IHYN		KGL8	IHYQ		KGM9		
2019 Q1	2.1		1.2		1.2	0.6		0.6	0.8	
Q2	0.9		0.8		0.4	0.1		0.2	0.5	
Q3	0.4		1.2		1.6	0.5		0.3	0.4	
Q4	0.3		-0.1		0.1	-		-	-	
2020 Q1	-1.9		-0.9		-0.4	-2.7		-2.7	-2.7	
Q2	-14.2		-13.0		-12.3	-19.6		-19.6	-19.8	
Q3	14.6		11.7		11.5	17.4		17.5	17.6	
Q4	1.1		1.4		1.0	1.1		1.1	1.1	
2021 Q1	1.5		0.9		1.4	-1.4		-1.3	-1.3	
Q2	2.3		3.1		2.4	5.5		5.5	5.7	
Percentage change, latest quarter on corresponding quarter of previous year										
	KH76		IHYO		KGM2	IHYR		KGN3	KLH9	
2019 Q1	5.4		4.0		3.9	2.2		2.5	1.8	
Q2	4.9		3.8		4.1	1.8		2.1	2.0	
Q3	4.3		4.0		4.1	1.6		1.6	1.9	
Q4	3.8		3.1		3.4	1.2		1.1	1.7	
2020 Q1	-0.2		1.1		1.8	-2.2		-2.2	-1.8	
Q2	-15.2		-12.7		-11.1	-21.4		-21.6	-21.6	
Q3	-3.2		-3.7		-2.5	-8.1		-8.2	-8.1	
Q4	-2.4		-2.3		-1.6	-7.1		-7.2	-7.1	
2021 Q1	1.0		-0.5		0.2	-5.8		-5.9	-5.8	
Q2	20.5		17.9		16.9	23.6		23.6	24.1	

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

5 Due to challenges in reconciling the quarterly trends with new annuals produced as part of Blue Book 2021 for the oil and gas sector, we have decided to only publish from 2006 onwards. As part of Blue Book 2022, we will continue this transformation and confront the challenges in the oil and gas industry. For more information please refer to the article Impact of Blue Book 2021 changes on quarterly and monthly volume estimates of gross domestic product by industry <https://www.ons.gov.uk/economy/grossdomesticproductgdp/articles/impactofbluebook2021changesonquarterlyandmonthlyvolumeestimatesofgrossdomesticproductbyindustry/2021-09-08>

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

2019 = 100

	Production							Service industries						
	Agri- culture, forestry, and fishing	Mining & quarrying inc oil & gas extract	Manu- facturing	Electric, gas, steam & air	Water supply, sewerage	Total	Constr- uction	Distri- bution, hotels & restaura- nts	Transport storage and commu- nications	Business services and finance	Govern- ment and other services	Total	Gross value added ⁴	Gross value added excluding oil & gas
2019 Weights³	7	11	99	15	12	137	64	134	102	338	219	792	1000	991
	L2KL	L2KR	L2KX	L2MW	L2N2	L2KQ	L2N8	L2PZ	KI8M	KI8O	KI8Q	L2NC	CGCE	KLH7
2018	86.3	98.7	97.0	88.6	100.5	96.6	100.2	99.4	94.9	99.8	97.5	98.5	98.2	98.2
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	91.0	80.5	91.2	97.9	98.2	91.8	83.9	85.8	90.3	94.8	89.7	91.2	90.2	90.3
Seasonally adjusted														
2019 Q1	90.9	121.2	100.7	94.2	99.5	101.4	100.4	100.0	99.1	99.7	98.8	99.4	99.7	99.4
Q2	95.0	97.2	99.6	100.9	101.0	99.6	103.0	100.1	100.2	99.6	99.6	99.7	99.9	99.9
Q3	105.9	94.4	99.8	100.0	100.3	99.5	99.3	100.2	100.6	100.5	100.4	100.4	100.2	100.3
Q4	108.2	87.3	99.9	104.9	99.2	99.4	97.4	99.8	100.1	100.3	101.3	100.5	100.2	100.3
2020 Q1	99.9	83.2	97.6	100.3	99.8	97.0	95.6	95.6	97.0	99.5	97.6	97.9	97.5	97.6
Q2	83.9	80.6	76.6	91.5	94.4	80.1	61.6	63.6	81.6	89.7	74.4	79.9	78.3	78.3
Q3	89.2	80.8	93.5	100.5	98.9	93.8	86.9	95.3	90.2	94.1	91.8	93.1	92.0	92.2
Q4	90.8	77.5	97.2	99.1	99.8	96.1	91.3	88.5	92.5	96.0	95.0	93.9	93.0	93.2
2021 Q1	88.4	73.5	96.2	102.4	102.7	95.7	93.3	82.0	92.1	97.1	91.5	92.3	91.8	92.0
Q2	91.2	61.8	97.9	106.9	103.6	96.6	96.9	99.7	93.5	97.3	101.5	98.2	96.8	97.2
Percentage change, latest year on previous year														
	L3BB	L3BH	L3BN	L3DM	L3DQ	L3BG	L3DW	L3GP	KI8L	KI8N	KI8P	L3E2	KGM7	KLH8
2018	-10.9	5.0	3.9	2.0	0.5	3.5	-2.0	-1.4	9.5	0.5	1.5	1.6	1.6	1.5
2019	15.9	1.3	3.1	12.9	-0.5	3.6	-0.1	0.6	5.4	0.2	2.6	1.6	1.8	1.8
2020	-9.1	-19.5	-8.8	-2.1	-1.8	-8.3	-16.1	-14.2	-9.7	-5.2	-10.3	-8.8	-9.8	-9.7
Percentage change, latest quarter on previous quarter														
													KGM9	
2019 Q1	6.4	-12.5	3.2	4.1	-0.4	1.5	0.1	0.6	1.6	-0.2	0.7	0.4	0.6	0.8
Q2	4.5	-19.8	-1.1	7.1	1.5	-1.8	2.6	0.2	1.1	-0.1	0.9	0.3	0.2	0.5
Q3	11.5	-2.9	0.2	-0.9	-0.7	-0.1	-3.6	-	0.4	0.9	0.8	0.7	0.3	0.4
Q4	2.2	-7.5	0.1	4.9	-1.2	-0.1	-1.9	-0.4	-0.5	-0.2	0.9	0.1	-	-
2020 Q1	-7.7	-4.6	-2.2	-4.4	0.6	-2.4	-1.8	-4.1	-3.1	-0.8	-3.6	-2.6	-2.7	-2.7
Q2	-16.0	-3.2	-21.6	-8.8	-5.4	-17.4	-35.6	-33.5	-15.9	-9.9	-23.8	-18.3	-19.6	-19.8
Q3	6.3	0.3	22.1	9.9	4.7	17.1	41.2	50.0	10.5	4.9	23.4	16.5	17.5	17.6
Q4	1.8	-4.0	3.9	-1.4	0.9	2.5	5.0	-7.2	2.5	2.0	3.5	0.9	1.1	1.1
2021 Q1	-2.6	-5.2	-1.0	3.4	2.9	-0.4	2.2	-7.3	-0.5	1.1	-3.7	-1.8	-1.3	-1.3
Q2	3.1	-15.9	1.8	4.4	0.8	1.0	3.8	21.6	1.6	0.2	10.9	6.5	5.5	5.7
Percentage change, latest quarter on corresponding quarter of previous year														
	L3ZZ	L427	L42D	L44C	L44G	L426	L44M	L47F	KII2	KIH9	KIH8	L44Q	KGN3	KLH9
2019 Q1	14.0	135.5	4.9	5.1	-0.4	9.5	0.5	0.8	8.5	-0.4	1.5	1.5	2.5	1.8
Q2	4.9	9.9	2.8	17.9	0.3	4.5	3.0	0.7	6.0	-0.1	2.5	1.5	2.1	2.0
Q3	18.4	-18.8	2.2	12.9	-1.0	1.3	-1.3	0.6	4.6	0.7	2.9	1.8	1.6	1.9
Q4	26.6	-37.0	2.4	15.9	-0.8	-0.5	-2.8	0.4	2.5	0.4	3.3	1.5	1.1	1.7
2020 Q1	9.9	-31.3	-3.0	6.5	0.3	-4.4	-4.7	-4.3	-2.1	-0.1	-1.2	-1.5	-2.2	-1.8
Q2	-11.7	-17.1	-23.1	-9.3	-6.5	-19.6	-40.2	-36.5	-18.5	-9.9	-25.3	-19.9	-21.6	-21.6
Q3	-15.8	-14.4	-6.3	0.6	-1.4	-5.7	-12.4	-4.8	-10.3	-6.3	-8.5	-7.3	-8.2	-8.1
Q4	-16.1	-11.2	-2.7	-5.5	0.7	-3.4	-6.3	-11.3	-7.5	-4.3	-6.2	-6.5	-7.2	-7.1
2021 Q1	-11.5	-11.7	-1.5	2.1	3.0	-1.4	-2.4	-14.3	-5.1	-2.5	-6.2	-5.7	-5.9	-5.8
Q2	8.7	-23.3	27.9	16.9	9.7	20.6	57.3	56.8	14.6	8.5	36.4	22.9	23.6	24.1

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

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

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

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

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

2019 = 100

Service industries											
	Wholesale and retail trade	Transport storage and communications	Accommodation & food services	Financial and insurance activities	Real estate	Professional scientific admin & support	Public admin, defence, social security	Education	Health and social work	Other services ⁴	Total services
2019 Weights³	105	102	29	82	131	125	48	59	76	35	792
	L2NE	KI8M	L2NQ	L2O6	L2OC	L2OH	L2P8	L2PA	L2PC	L2Q5	L2NC
2018	100.2	94.9	96.7	101.6	98.8	99.7	96.6	95.1	99.2	99.3	98.5
2019	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2020	93.2	90.3	58.3	96.4	99.1	89.5	102.5	82.6	93.9	73.7	91.2
Seasonally adjusted											
2019 Q1	100.2	99.1	99.4	100.2	99.7	99.1	98.9	98.1	99.2	99.1	99.4
Q2	100.1	100.2	99.8	99.5	100.0	99.2	99.6	99.6	99.8	99.0	99.7
Q3	100.0	100.6	100.2	100.7	100.1	100.7	100.3	100.3	100.5	100.3	100.4
Q4	99.7	100.1	100.6	99.7	100.2	100.9	101.2	102.0	100.5	101.6	100.5
2020 Q1	96.5	97.0	91.3	98.6	100.4	99.1	101.6	90.7	101.0	94.5	97.9
Q2	77.1	81.6	14.7	93.5	98.0	78.6	102.4	54.3	81.3	53.3	79.9
Q3	100.4	90.2	75.7	95.8	98.7	88.3	102.9	89.0	93.8	76.1	93.1
Q4	98.8	92.5	51.4	97.7	99.1	91.8	103.2	96.3	99.3	70.9	93.9
2021 Q1	93.1	92.1	41.8	99.8	99.6	92.8	103.6	80.7	103.5	66.4	92.3
Q2	105.3	93.5	78.4	97.9	99.1	95.0	104.0	97.3	112.4	79.9	98.2
Percentage change, latest year on previous year											
	L3E4	KI8L	L3EG	L3EU	L3F2	L3F7	L3FW	L3FY	L3G2	L3GT	L3E2
2018	-1.4	9.5	-1.1	-0.5	1.7	-	1.1	5.1	-1.4	2.3	1.6
2019	-0.2	5.4	3.4	-1.6	1.2	0.3	3.5	5.2	0.8	0.7	1.6
2020	-6.8	-9.7	-41.7	-3.6	-0.9	-10.6	2.5	-17.4	-6.1	-26.3	-8.8
Percentage change, latest quarter on previous quarter											
2019 Q1	0.4	1.6	1.7	-0.6	0.3	-0.5	1.7	1.0	0.4	0.1	0.4
Q2	-0.1	1.1	0.4	-0.7	0.3	-	0.7	1.6	0.6	-	0.3
Q3	-0.1	0.4	0.4	1.2	0.1	1.5	0.7	0.7	0.7	1.3	0.7
Q4	-0.4	-0.5	0.5	-1.0	0.1	0.2	0.9	1.7	-	1.3	0.1
2020 Q1	-3.1	-3.1	-9.3	-1.0	0.2	-1.8	0.4	-11.1	0.5	-7.0	-2.6
Q2	-20.2	-15.9	-83.8	-5.1	-2.4	-20.7	0.7	-40.2	-19.5	-43.6	-18.3
Q3	30.4	10.5	413.1	2.4	0.7	12.4	0.5	64.0	15.3	42.7	16.5
Q4	-1.7	2.5	-32.0	2.1	0.3	4.1	0.3	8.2	5.9	-6.9	0.9
2021 Q1	-5.7	-0.5	-18.7	2.1	0.5	1.0	0.4	-16.2	4.2	-6.4	-1.8
Q2	13.1	1.6	87.6	-1.9	-0.5	2.4	0.4	20.6	8.6	20.4	6.5
Percentage change, latest quarter on corresponding quarter of the previous year											
	L44S	KII2	L456	L45K	L45Q	L45V	L46M	L46O	L46Q	L47J	L44Q
2019 Q1	0.1	8.5	3.5	-2.3	1.2	-1.0	2.7	5.0	-1.2	0.2	1.5
Q2	-0.1	6.0	3.5	-2.3	1.7	-0.4	3.8	5.3	0.9	-0.8	1.5
Q3	-0.3	4.6	3.7	-0.7	1.1	1.2	3.3	5.2	1.8	0.8	1.8
Q4	-0.2	2.5	3.0	-1.1	0.8	1.3	4.1	5.1	1.7	2.7	1.5
2020 Q1	-3.7	-2.1	-8.1	-1.5	0.7	-0.1	2.8	-7.5	1.8	-4.6	-1.5
Q2	-23.0	-18.5	-85.2	-6.0	-1.9	-20.8	2.8	-45.5	-18.5	-46.2	-19.9
Q3	0.4	-10.3	-24.5	-4.9	-1.4	-12.4	2.6	-11.2	-6.7	-24.2	-7.3
Q4	-0.9	-7.5	-48.9	-1.9	-1.2	-9.0	1.9	-5.6	-1.2	-30.3	-6.5
2021 Q1	-3.6	-5.1	-54.2	1.2	-0.8	-6.4	1.9	-11.1	2.5	-29.8	-5.7
Q2	36.6	14.6	431.9	4.6	1.1	21.0	1.5	79.3	38.2	49.9	22.9

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 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							
	Households	Non-profit institutions ²	General government	Gross fixed capital formation	Of which business investment ³	Changes in inventories ⁴	Of which alignment adjustment	Acquisitions less disposals of valuables ⁵	Total	Total exports	Gross final expenditure	less imports	Total balance ⁶	Statistical discrepancy (expenditure)	Gross domestic product at market prices	
	ABJQ	HAYE	NMRP	NPQS	NPEK	CAEX	DMUN	NPJQ	YBIL	IKBH	ABMF	IKBI	IKBJ	GIXM	YBHA	
2018	1 359 732	52 577	399 044	386 464	217 284	2 035	—	2 826	2 202 678	663 325	2 866 003	691 623	–28 298	—	2 174 380	
2019	1 394 457	54 620	424 006	399 609	225 865	6 509	—	–3 230	2 275 971	699 250	2 975 221	719 938	–20 688	—	2 255 283	
2020	1 258 106	55 189	480 374	369 644	204 256	–8 829	—	143	2 154 627	600 973	2 755 600	596 693	4 280	–2 834	2 156 073	

Seasonally adjusted

2019 Q1	346 160	13 380	103 663	99 813	55 496	6 433	–290	10 952	580 401	168 552	748 953	191 704	–23 152	–	557 249
Q2	350 179	13 549	103 410	99 301	56 356	2 871	1 811	567	569 877	167 336	737 213	175 737	–8 401	–	561 476
Q3	350 228	13 749	107 365	100 917	57 236	–1 989	454	–79	570 191	177 029	747 220	178 781	–1 752	–	568 439
Q4	347 890	13 942	109 568	99 578	56 777	–806	–1 975	–14 670	555 502	186 333	741 835	173 716	12 617	–	568 119
2020 Q1	341 411	13 925	108 502	97 372	55 936	143	3 116	736	562 089	161 933	724 022	161 166	767	320	563 176
Q2	270 902	13 766	123 147	79 379	44 724	–4 218	–3 216	–8 321	474 655	142 251	616 906	124 477	17 774	–2 238	490 191
Q3	326 241	13 741	122 598	94 310	50 479	–6 901	475	109	550 098	142 740	692 838	144 345	–1 605	–1 057	547 436
Q4	319 552	13 757	126 127	98 583	53 117	2 147	–375	7 619	567 785	154 049	721 834	166 705	–12 656	141	555 270
2021 Q1	309 038	13 902	131 366	96 419	48 859	5 368	2 562	8 351	564 444	143 613	708 057	147 760	–4 147	129	560 426
Q2	333 595	14 148	127 426	97 568	51 008	4 562	2 977	–343	576 956	153 637	730 593	152 919	718	126	577 800

Percentage change, latest year on previous year

	KG77	KGZ8	KH2C	KG6O	KG6N		KGX3	KH2O	KG77	KH3H		IHYM
2018	4.2	10.6	2.7	2.3	0.2		3.7	5.3	4.1	5.3		3.7
2019	2.6	3.9	6.3	3.4	3.9		3.3	5.4	3.8	4.1		3.7
2020	–9.8	1.0	13.3	–7.5	–9.6		–5.3	–14.1	–7.4	–17.1		–4.4

Percentage change, latest quarter on previous quarter

2019 Q1	KG78	KGZ9	KH2D	KG6W	KG6V		KGX4	KH2P	KG78	KH3I		IHYN
Q2	0.3	–4.1	1.7	2.4	2.0		3.7	–0.9	2.6	7.0		1.2
Q3	1.2	1.3	–0.2	–0.5	1.5		–1.8	–0.7	–1.6	–8.3		0.8
Q4	–	1.5	3.8	1.6	1.6		0.1	5.8	1.4	1.7		1.2
	–0.7	1.4	2.1	–1.3	–0.8		–2.6	5.3	–0.7	–2.8		–0.1
2020 Q1	–1.9	–0.1	–1.0	–2.2	–1.5		1.2	–13.1	–2.4	–7.2		–0.9
Q2	–20.7	–1.1	13.5	–18.5	–20.0		–15.6	–12.2	–14.8	–22.8		–13.0
Q3	20.4	–0.2	–0.4	18.8	12.9		15.9	0.3	12.3	16.0		11.7
Q4	–2.1	0.1	2.9	4.5	5.2		3.2	7.9	4.2	15.5		1.4
2021 Q1	–3.3	1.1	4.2	–2.2	–8.0		–0.6	–6.8	–1.9	–11.4		0.9
Q2	7.9	1.8	–3.0	1.2	4.4		2.2	7.0	3.2	3.5		3.1

Percentage change, latest quarter on corresponding quarter of previous year

2019 Q1	KG79	KH22	KH2E	KG76	KG75		KGX5	KH2Q	KG79	KH3J		IHYO
Q2	3.0	7.2	4.7	4.4	1.2		7.1	4.3	6.4	14.1		4.0
Q3	3.7	5.7	5.4	3.3	4.1		3.9	2.0	3.5	2.5		3.8
Q4	2.7	3.3	7.3	3.8	6.2		3.3	5.6	3.8	3.3		4.0
	0.8	–0.1	7.5	2.2	4.4		–0.8	9.6	1.6	–3.0		3.1
2020 Q1	–1.4	4.1	4.7	–2.4	0.8		–3.2	–3.9	–3.3	–15.9		1.1
Q2	–22.6	1.6	19.1	–20.1	–20.6		–16.7	–15.0	–16.3	–29.2		–12.7
Q3	–6.8	–0.1	14.2	–6.5	–11.8		–3.5	–19.4	–7.3	–19.3		–3.7
Q4	–8.1	–1.3	15.1	–1.0	–6.4		2.2	–17.3	–2.7	–4.0		–2.3
2021 Q1	–9.5	–0.2	21.1	–1.0	–12.7		0.4	–11.3	–2.2	–8.3		–0.5
Q2	23.1	2.8	3.5	22.9	14.1		21.6	8.0	18.4	22.8		17.9

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.

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									
	Household consumption		Non-profit institutions ²		General government ³		Gross fixed capital formation		Of which business investment ^{3,7}		Of which changes in inventories ⁴		Acquisitions less disposals of non-durable goods ⁵		Statistical discrepancy (expenditure)
															Gross domestic product at market prices
2018	1 377 461	53 512	406 903	397 436	223 763	1 798	—	3 076 2	241 057	676 529	2 917 608	699 468	—22 939	—	2 218 196
2019	1 394 457	54 620	424 006	399 609	225 865	6 509	—	—3 230	2 275 971	699 250	2 975 221	719 938	—20 688	—	2 255 283
2020	1 248 430	53 548	397 141	363 381	200 731	—9 235	—	—1 336	2 041 929	596 547	2 638 476	599 239	—2 692	—2 577	2 036 660

Seasonally adjusted

2019	Q1	347 518	13 544	105 596	100 878	56 124	6 971	-295	12 373	586 249	169 947	756 204	194 086	-24 139	-	562 033
	Q2	350 422	13 784	105 195	99 274	56 190	682	1 813	111	570 993	167 007	738 008	175 259	-8 252	-	562 779
	Q3	349 391	13 692	105 255	100 453	56 853	-518	449	-1 059	565 858	175 700	741 557	176 218	-518	-	565 362
	Q4	347 126	13 600	107 960	99 004	56 698	-626	-1 967	-14 656	552 871	186 596	739 452	174 375	12 221	-	565 109
2020	Q1	338 165	12 765	104 678	96 434	55 443	197	2 987	-51	552 188	160 156	712 344	162 800	-2 644	312	549 856
	Q2	269 571	9 870	86 144	77 828	43 809	-7 628	-2 957	-8 428	427 357	142 894	570 251	125 958	16 936	-2 019	442 274
	Q3	323 229	10 445	100 748	92 502	49 271	-4 449	383	795	523 270	142 201	665 471	145 078	-2 877	-1 003	519 390
	Q4	317 465	10 468	105 571	96 617	52 208	2 645	-413	6 348	539 114	151 296	690 410	165 403	-14 107	133	525 140
2021	Q1	303 433	10 489	107 699	93 717	47 332	4 215	2 339	5 523	525 076	139 240	664 316	146 437	-7 197	119	517 958
	Q2	325 257	10 806	116 448	94 508	49 468	2 996	2 800	-1 495	548 520	147 903	696 423	149 986	-2 083	119	546 556

Percentage change, latest year on previous year

	KGZ5	KH26	KH2I	KG7N	KG7M	KGX9	KH2U	KGW5	KH3N	IHYP
2018	2.1	9.0	0.4	-0.1	-2.0	1.8	2.8	2.0	3.1	1.7
2019	1.2	2.1	4.2	0.5	0.9	1.6	3.4	2.0	2.9	1.7
2020	-10.5	-20.3	-6.3	-9.1	-11.1	-10.3	-14.7	-11.3	-16.8	-9.7

Percentage change, latest quarter on previous quarter

	KGZ6	KH27	KH2J	KG7Q	KG7P		KGY2	KH2V	KGW6	KH3O		IHYQ
2019 Q1	–	–3.2	3.1	1.8	1.7		3.4	–0.7	2.5	8.2		0.6
Q2	0.8	1.8	–0.4	–1.6	0.1		–2.6	–1.7	–2.4	–9.7		0.1
Q3	–0.3	–0.7	0.1	1.2	1.2		–0.9	5.2	0.5	0.5		0.5
Q4	–0.6	–0.7	2.6	–1.4	–0.3		–2.3	6.2	–0.3	–1.0		–
2020 Q1	–2.6	–6.1	–3.0	–2.6	–2.2		–0.1	–14.2	–3.7	–6.6		–2.7
Q2	–20.3	–22.7	–17.7	–19.3	–21.0		–22.6	–10.8	–19.9	–22.6		–19.6
Q3	19.9	5.8	17.0	18.9	12.5		22.4	–0.5	16.7	15.2		17.4
Q4	–1.8	0.2	4.8	4.4	6.0		3.0	6.4	3.7	14.0		1.1
2021 Q1	–4.4	0.2	2.0	–3.0	–9.3		–2.6	–8.0	–3.8	–11.5		–1.4
Q2	7.2	3.0	8.1	0.8	4.5		4.5	6.2	4.8	2.4		5.5

Percentage change, latest quarter on corresponding quarter of previous year

	KGZ7	KH28	KH2K	KG7T	KG7S		KGY3	KH2W	KGW7	KH3P		IHYR
2019 Q1	1.6	5.4	4.3	1.8	-1.6		5.7	0.9	4.6	12.2		2.2
Q2	2.3	4.7	3.7	-0.1	0.2		2.1	-0.3	1.5	0.9		1.8
Q3	1.2	1.3	3.5	0.6	2.5		1.0	3.6	1.6	1.7		1.6
Q4	-0.1	-2.8	5.4	-0.1	2.7		-2.5	9.1	0.2	-2.8		1.2
2020 Q1	-2.7	-5.8	-0.9	-4.4	-1.2		-5.8	-5.8	-5.8	-16.1		-2.2
Q2	-23.1	-28.4	-18.1	-21.6	-22.0		-25.2	-14.4	-22.7	-28.1		-21.4
Q3	-7.5	-23.7	-4.3	-7.9	-13.3		-7.5	-19.1	-10.3	-17.7		-8.1
Q4	-8.5	-23.0	-2.2	-2.4	-7.9		-2.5	-18.9	-6.6	-5.1		-7.1
2021 Q1	-10.3	-17.8	2.9	-2.8	-14.6		-4.9	-13.1	-6.7	-10.1		-5.8
Q2	20.7	9.5	35.2	21.4	12.9		28.4	3.5	22.1	19.1		23.6

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

2 Non-profit institutions serving households.

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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.

8 Whilst quality assuring the business investment dataset, a discrepancy was found where annual Non-Seasonally Adjusted CVM data does not equal annual Seasonally Adjusted CVM data for the years 1997 to 2019. The issue affects Business Investment and its component assets. The largest difference in any given year is -£9m in business investment and -£13m in the sub-components. The correct data series to use for the annual timeline is the Non-Seasonally Adjusted series, NPEN.

D Gross domestic product by category of income: current prices¹

£ million

	Compensation of employees			Gross operating surplus of corporations						Gross value added at factor cost	Taxes on products & production less subsidies	Statistical discrepancy (income)	Gross domestic product at market prices
	Wages and Salaries	Employers social contributions	Total	Private non-financial corporations ²	Of which alignment adjustment	Financial corporations	Public corporations	Total ³	Other income ⁴				
	DTWL	DTWP	DTWM	CAER	DMUQ	NHCZ	CAEQ	CGBZ	CGBX	CGCB	CMVL	GIXQ	YBHA
2018	865 931	181 546	1 047 477	382 670	–	84 595	11 012	478 277	389 921	1 915 675	258 705	–	2 174 380
2019	897 701	199 544	1 097 245	401 012	–	81 541	11 383	493 936	399 261	1 990 442	264 841	–	2 255 283
2020	913 282	212 764	1 126 046	396 829	–	81 994	10 405	489 228	391 677	2 006 951	133 187	15 935	2 156 073

Seasonally adjusted

2019 Q1	222 019	46 973	268 992	99 524	–785	21 051	2 633	123 208	100 021	492 221	65 028	–	557 249
Q2	223 921	49 640	273 561	97 344	1 266	19 564	2 891	119 799	100 058	493 418	68 058	–	561 476
Q3	225 639	50 888	276 527	104 043	1 468	19 442	2 955	126 440	99 178	502 145	66 294	–	568 439
Q4	226 122	52 043	278 165	100 101	–1 949	21 484	2 904	124 489	100 004	502 658	65 461	–	568 119
2020 Q1	228 022	52 509	280 531	99 812	–418	20 679	2 796	123 287	99 033	502 851	59 761	564	563 176
Q2	221 251	51 228	272 479	95 167	2 619	19 608	2 359	117 134	96 633	486 246	–839	4 784	490 191
Q3	229 058	54 016	283 074	103 082	780	19 925	2 634	125 641	98 566	507 281	35 069	5 086	547 436
Q4	234 951	55 011	289 962	98 768	–2 981	21 782	2 616	123 166	97 445	510 573	39 196	5 501	555 270
2021 Q1	237 641	53 627	291 268	105 513	2 952	21 441	2 633	129 587	98 961	519 816	35 038	5 572	560 426
Q2	241 649	54 930	296 579	103 998	94	21 432	3 099	128 529	100 516	525 624	46 421	5 755	577 800

Percentage change, latest year on previous year

	CWNH	CWNE	KGI3	KH59		KH5L	KH53	KH4V	KH6T	KH6N	KH65		IHYM
2018	4.4	2.4	4.1	3.6		4.2	–34.3	2.3	4.8	3.8	3.0		3.7
2019	3.7	9.9	4.8	4.8		–3.6	3.4	3.3	2.4	3.9	2.4		3.7
2020	1.7	6.6	2.6	–1.0		0.6	–8.6	–1.0	–1.9	0.8	–49.7		–4.4

Percentage change, latest quarter on previous quarter

2019 Q1	CWNI	CWNF	KGI4	KH5A		KH5M	KH54	KH4W	KH6U	KH6O	KH66		IHYN
Q2	0.3	–1.0	0.1	5.8		–0.5	0.3	4.5	0.7	1.3	0.3		1.2
Q3	0.9	5.7	1.7	–2.2		–7.1	9.8	–2.8	–	0.2	4.7		0.8
Q4	0.8	2.5	1.1	6.9		–0.6	2.2	5.5	–0.9	1.8	–2.6		1.2
	0.2	2.3	0.6	–3.8		10.5	–1.7	–1.5	0.8	0.1	–1.3		–0.1
2020 Q1	0.8	0.9	0.9	–0.3		–3.7	–3.7	–1.0	–1.0	–	–8.7		–0.9
Q2	–3.0	–2.4	–2.9	–4.7		–5.2	–15.6	–5.0	–2.4	–3.3	–101.4		–13.0
Q3	3.5	5.4	3.9	8.3		1.6	11.7	7.3	2.0	4.3	–4 279.9		11.7
Q4	2.6	1.8	2.4	–4.2		9.3	–0.7	–2.0	–1.1	0.6	11.8		1.4
2021 Q1	1.1	–2.5	0.5	6.8		–1.6	0.6	5.2	1.6	1.8	–10.6		0.9
Q2	1.7	2.4	1.8	–1.4		–	17.7	–0.8	1.6	1.1	32.5		3.1

Percentage change, latest quarter on corresponding quarter of previous year

2019 Q1	CWNJ	CWNG	KGI5	KH5B		KH5N	KH55	KH4X	KH6V	KH6P	KH67		IHYO
Q2	4.0	7.6	4.6	2.7		–0.6	–5.7	1.9	4.6	3.9	4.3		4.0
Q3	4.9	11.5	6.0	4.1		–13.6	1.1	0.7	3.0	4.1	1.9		3.8
Q4	3.6	10.8	4.9	5.9		–0.8	8.0	4.9	1.4	4.2	2.4		4.0
	2.2	9.7	3.5	6.4		1.5	10.6	5.6	0.7	3.4	1.0		3.1
2020 Q1	2.7	11.8	4.3	0.3		–1.8	6.2	0.1	–1.0	2.2	–8.1		1.1
Q2	–1.2	3.2	–0.4	–2.2		0.2	–18.4	–2.2	–3.4	–1.5	–101.2		–12.7
Q3	1.5	6.1	2.4	–0.9		2.5	–10.9	–0.6	–0.6	1.0	–47.1		–3.7
Q4	3.9	5.7	4.2	–1.3		1.4	–9.9	–1.1	–2.6	1.6	–40.1		–2.3
2021 Q1	4.2	2.1	3.8	5.7		3.7	–5.8	5.1	–0.1	3.4	–41.4		–0.5
Q2	9.2	7.2	8.8	9.3		9.3	31.4	9.7	4.0	8.1	–5 632.9		17.9

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

2 Quarterly alignment adjustment included in this series.

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

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

E1 Household final consumption expenditure by purpose

Current prices

£ million

UK NATIONAL ²															
UK DOMESTIC ³															
COICOP ¹	Total	Net tourism	Total	Food & drink	Alcohol & tobacco	Clothing & footwear	Housing	Household goods & services	Health	Transport	Communication	Recreation & culture	Education	Restaurants & hotels	Miscellaneous
	-	-	0	01	02	03	04	05	06	07	08	09	10	11	12
	ABJQ	ABTF	ZAKV	ZWUM	ZAKX	ZAKZ	ZAVN	ZAVV	ZAWB	ZAWL	ZAWV	ZAWZ	ZWUS	ZAXR	ZAYF
2018	1 359 732	17 054	1 342 678	105 728	45 963	67 660	346 448	64 049	23 894	185 196	28 141	138 060	30 013	132 771	174 755
2019	1 394 457	15 366	1 379 091	109 843	46 554	69 743	351 482	68 911	23 850	192 803	27 967	143 856	31 354	137 548	175 180
2020	1 258 106	5 827	1 252 279	119 961	53 192	60 049	357 776	74 636	21 760	134 326	26 572	131 318	33 010	80 456	159 223
Seasonally adjusted															
2019 Q1	346 160	3 916	342 244	27 030	11 649	17 353	87 301	17 229	6 145	47 323	7 076	35 236	7 664	34 079	44 159
Q2	350 179	4 095	346 084	27 245	11 583	17 690	88 368	17 779	6 035	48 378	7 120	36 148	7 775	34 471	43 492
Q3	350 228	4 575	345 653	27 588	11 660	17 635	87 811	17 208	5 909	48 288	7 048	36 112	7 896	34 729	43 769
Q4	347 890	2 780	345 110	27 980	11 662	17 065	88 002	16 695	5 761	48 814	6 723	36 360	8 019	34 269	43 760
2020 Q1	341 411	3 453	337 958	29 727	11 970	15 524	88 945	17 760	6 042	44 006	6 694	36 363	8 196	31 024	41 707
Q2	270 902	209	270 693	30 305	13 913	12 737	89 225	17 393	4 299	18 823	6 465	28 643	8 127	5 404	35 359
Q3	326 241	1 000	325 241	29 905	13 631	15 821	89 656	19 769	5 514	37 403	6 770	32 750	8 252	24 219	41 551
Q4	319 552	1 165	318 387	30 024	13 678	15 967	89 950	19 714	5 905	34 094	6 643	33 562	8 435	19 809	40 606
2021 Q1	309 038	1 571	307 467	31 525	12 959	14 838	90 932	19 470	5 637	28 939	6 517	33 895	8 614	14 064	40 077
Q2	333 595	781	332 814	29 918	13 331	17 649	91 252	21 741	5 892	36 227	6 914	34 970	8 796	22 824	43 300
Percentage change, latest year on previous year															
	KG7		KG6U	KG9N	KG7F	KG9F	KG7G	KG7H	KG7I	KG7J	KG7K	KG7L	KG7M	KG7N	KG7O
2018	4.2		3.9	3.6	4.5	2.7	3.0	2.9	1.9	7.6	-1.7	3.2	-0.2	2.5	6.4
2019	2.6		2.7	3.9	1.3	3.1	1.5	7.6	-0.2	4.1	-0.6	4.2	4.5	3.6	0.2
2020	-9.8		-9.2	9.2	14.3	-13.9	1.8	8.3	-8.8	-30.3	-5.0	-8.7	5.3	-41.5	-9.1
Percentage change, latest quarter on previous quarter															
	KG8		KG74	KG9R	KG74	KG9R	KG8G	KG8H	KG8I	KG8J	KG8K	KG8L	KG8M	KG8N	KG8O
2019 Q1	0.3		0.4	-	0.6	1.8	0.1	5.1	1.2	0.6	0.3	-	1.4	0.4	-1.3
Q2	1.2		1.1	0.8	-0.6	1.9	1.2	3.2	-1.8	2.2	0.6	2.6	1.4	1.2	-1.5
Q3	-		-0.1	1.3	0.7	-0.3	-0.6	-3.2	-2.1	-0.2	-1.0	-0.1	1.6	0.7	0.6
Q4	-0.7		-0.2	1.4	-	-3.2	0.2	-3.0	-2.5	1.1	-4.6	0.7	1.6	-1.3	-
2020 Q1	-1.9		-2.1	6.2	2.6	-9.0	1.1	6.4	4.9	-9.8	-0.4	-	2.2	-9.5	-4.7
Q2	-20.7		-19.9	1.9	16.2	-18.0	0.3	-2.1	-28.8	-57.2	-3.4	-21.2	-0.8	-82.6	-15.2
Q3	20.4		20.2	-1.3	-2.0	24.2	0.5	13.7	28.3	98.7	4.7	14.3	1.5	348.2	17.5
Q4	-2.1		-2.1	0.4	0.3	0.9	0.3	-0.3	7.1	-8.8	-1.9	2.5	2.2	-18.2	-2.3
2021 Q1	-3.3		-3.4	5.0	-5.3	-7.1	1.1	-1.2	-4.5	-15.1	-1.9	1.0	2.1	-29.0	-1.3
Q2	7.9		8.2	-5.1	2.9	18.9	0.4	11.7	4.5	25.2	6.1	3.2	2.1	62.3	8.0
Percentage change, latest quarter on corresponding quarter of previous year															
	KG9		KG7C	KG9V	KG7F	KG9G	KG9H	KG9I	KG9J	KG9K	KG9L	KG9M	KG9N	KG9O	KG9P
2019 Q1	3.0		3.1	3.7	3.5	3.1	1.0	9.4	5.5	3.4	-1.7	2.5	2.3	4.4	4.2
Q2	3.7		3.9	4.8	0.2	5.5	2.8	14.4	0.6	4.3	3.2	6.0	4.0	4.5	0.3
Q3	2.7		2.7	3.6	0.7	3.7	1.2	5.1	-1.5	5.0	0.9	5.1	5.4	4.6	-1.1
Q4	0.8		1.2	3.5	0.7	0.1	0.9	1.9	-5.2	3.7	-4.7	3.2	6.1	1.0	-2.2
2020 Q1	-1.4		-1.3	10.0	2.8	-10.5	1.9	3.1	-1.7	-7.0	-5.4	3.2	6.9	-9.0	-5.6
Q2	-22.6		-21.8	11.2	20.1	-28.0	1.0	-2.2	-28.8	-61.1	-9.2	-20.8	4.5	-84.3	-18.7
Q3	-6.8		-5.9	8.4	16.9	-10.3	2.1	14.9	-6.7	-22.5	-3.9	-9.3	4.5	-30.3	-5.1
Q4	-8.1		-7.7	7.3	17.3	-6.4	2.2	18.1	2.5	-30.2	-1.2	-7.7	5.2	-42.2	-7.2
2021 Q1	-9.5		-9.0	6.0	8.3	-4.4	2.2	9.6	-6.7	-34.2	-2.6	-6.8	5.1	-54.7	-3.9
Q2	23.1		22.9	-1.3	-4.2	38.6	2.3	25.0	37.1	92.5	6.9	22.1	8.2	322.4	22.5

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								
	Total	Net tourism	Total	Goods			Services	
				Total	Durable goods	Semi- durable goods		
COICOP ¹					D	SD	ND	S
	ABJQ	ABTF	ZAKV	UTIF	UTIB	UTIR	UTIJ	UTIN
2018	1 359 732	17 054	1 342 678	545 256	132 690	124 041	288 525	797 422
2019	1 394 457	15 366	1 379 091	566 671	142 409	129 798	294 464	812 420
2020	1 258 106	5 827	1 252 279	563 554	132 550	125 234	305 770	688 725
Seasonally adjusted								
2019 Q1	346 160	3 916	342 244	140 286	35 295	32 034	72 957	201 958
Q2	350 179	4 095	346 084	143 376	36 495	32 809	74 072	202 708
Q3	350 228	4 575	345 653	142 143	35 884	32 821	73 438	203 510
Q4	347 890	2 780	345 110	140 866	34 735	32 134	73 997	204 244
2020 Q1	341 411	3 453	337 958	140 198	31 713	31 249	77 236	197 760
Q2	270 902	209	270 693	127 462	25 714	27 534	74 214	143 231
Q3	326 241	1 000	325 241	149 797	39 066	33 237	77 494	175 444
Q4	319 552	1 165	318 387	146 097	36 057	33 214	76 826	172 290
2021 Q1	309 038	1 571	307 467	141 876	32 111	32 274	77 491	165 591
Q2	333 595	781	332 814	153 456	38 241	36 606	78 609	179 358
Percentage change, latest year on previous year								
	KG7Y		KG6U	KHC9	KHB5	KHH5	KHE5	KHF9
2018	4.2		3.9	4.2	3.0	1.9	5.8	3.7
2019	2.6		2.7	3.9	7.3	4.6	2.1	1.9
2020	-9.8		-9.2	-0.6	-6.9	-3.5	3.8	-15.2
Percentage change, latest quarter on previous quarter								
	KG7Y		KG74	KHD2	KHB6	KHH6	KHE6	KHG2
2019 Q1	0.3		0.4	0.7	2.9	0.6	-0.3	0.1
Q2	1.2		1.1	2.2	3.4	2.4	1.5	0.4
Q3	-		-0.1	-0.9	-1.7	-	-0.9	0.4
Q4	-0.7		-0.2	-0.9	-3.2	-2.1	0.8	0.4
2020 Q1	-1.9		-2.1	-0.5	-8.7	-2.8	4.4	-3.2
Q2	-20.7		-19.9	-9.1	-18.9	-11.9	-3.9	-27.6
Q3	20.4		20.2	17.5	51.9	20.7	4.4	22.5
Q4	-2.1		-2.1	-2.5	-7.7	-0.1	-0.9	-1.8
2021 Q1	-3.3		-3.4	-2.9	-10.9	-2.8	0.9	-3.9
Q2	7.9		8.2	8.2	19.1	13.4	1.4	8.3
Percentage change, latest quarter on corresponding quarter of previous year								
	KG7Y		KG7C	KHD3	KHB7	KHH7	KHE7	KHG3
2019 Q1	3.0		3.1	3.8	7.6	3.3	2.2	2.6
Q2	3.7		3.9	6.6	11.5	8.1	3.8	2.1
Q3	2.7		2.7	4.3	9.2	6.4	1.1	1.6
Q4	0.8		1.2	1.1	1.3	0.9	1.1	1.3
2020 Q1	-1.4		-1.3	-0.1	-10.1	-2.5	5.9	-2.1
Q2	-22.6		-21.8	-11.1	-29.5	-16.1	0.2	-29.3
Q3	-6.8		-5.9	5.4	8.9	1.3	5.5	-13.8
Q4	-8.1		-7.7	3.7	3.8	3.4	3.8	-15.6
2021 Q1	-9.5		-9.0	1.2	1.3	3.3	0.3	-16.3
Q2	23.1		22.9	20.4	48.7	32.9	5.9	25.2

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
	-	-	0	01	02	03	04	05	06	07	08	09	10	11	12
	ABJR	ABTH	ZAKW	ZWUN	ZAKY	ZALA	ZAVO	ZAVW	ZAWC	ZAWM	ZAWW	ZAXA	ZWUT	ZAXS	ZAYG
2018	1 377 461	17 575	1 359 893	107 492	47 560	67 327	351 020	64 715	24 583	191 080	24 710	140 457	30 801	136 952	173 735
2019	1 394 457	15 366	1 379 091	109 843	46 554	69 743	351 482	68 911	23 850	192 803	27 967	143 856	31 354	137 548	175 180
2020	1 248 430	5 826	1 242 604	119 114	51 902	60 848	356 221	74 633	21 255	132 268	26 496	129 217	30 427	79 443	160 780
Seasonally adjusted															
2019 Q1	347 518	4 036	343 482	27 267	11 728	17 373	87 864	17 297	6 208	47 595	6 631	35 292	7 718	34 440	44 091
Q2	350 422	3 921	346 501	27 197	11 538	17 737	88 068	17 819	6 036	48 719	6 889	36 220	7 772	34 674	43 843
Q3	349 391	4 141	345 252	27 528	11 632	17 624	87 642	17 197	5 888	48 386	7 093	36 114	7 856	34 489	43 793
Q4	347 126	3 268	343 856	27 851	11 656	17 009	87 908	16 598	5 718	48 103	7 354	36 230	8 008	33 945	43 453
2020 Q1	338 165	3 410	334 755	29 447	11 927	15 604	88 359	17 789	5 916	42 545	6 504	36 001	8 056	30 628	41 979
Q2	269 571	211	269 360	29 823	13 462	13 116	88 817	17 496	4 206	19 398	6 302	28 240	7 077	5 241	36 182
Q3	323 229	1 000	322 229	29 789	13 211	15 965	89 248	19 671	5 378	36 778	6 904	32 135	7 514	24 105	41 531
Q4	317 465	1 205	316 260	30 055	13 302	16 163	89 797	19 677	5 755	33 547	6 786	32 841	7 780	19 469	41 088
2021 Q1	303 433	1 590	301 843	31 439	12 466	15 616	90 104	19 342	5 497	27 354	6 506	32 991	7 960	13 601	38 967
Q2	325 257	875	324 382	29 727	12 675	17 861	89 801	21 140	5 716	34 905	6 927	33 823	8 331	21 886	41 590
Percentage change, latest year on previous year															
	KGZ5		KG7O	KG9Y	KGf6	KGg4	KGh2	KGh8	KGi9	KGj7	KGk5	KGl3	KGb8	KGd4	KGe8
2018	2.1		1.8	1.5	0.5	1.5	1.2	1.3	0.2	1.9	20.1	1.0	-2.9	-0.1	3.7
2019	1.2		1.4	2.2	-2.1	3.6	0.1	6.5	-3.0	0.9	13.2	2.4	1.8	0.4	0.8
2020	-10.5		-9.9	8.4	11.5	-12.8	1.3	8.3	-10.9	-31.4	-5.3	-10.2	-3.0	-42.2	-8.2
Percentage change, latest quarter on previous quarter															
	KGZ6		KG7R	KGA3	KGf7	KGg5	KGh3	KGh9	KGj2	KGj8	KGk6	KGl4	KGb9	KGd5	KGe9
2019 Q1	-		0.1	-0.2	-0.3	1.8	0.1	4.6	0.7	-0.7	3.2	-0.8	0.7	-0.6	-0.3
Q2	0.8		0.9	-0.3	-1.6	2.1	0.2	3.0	-2.8	2.4	3.9	2.6	0.7	0.7	-0.6
Q3	-0.3		-0.4	1.2	0.8	-0.6	-0.5	-3.5	-2.5	-0.7	3.0	-0.3	1.1	-0.5	-0.1
Q4	-0.6		-0.4	1.2	0.2	-3.5	0.3	-3.5	-2.9	-0.6	3.7	0.3	1.9	-1.6	-0.8
2020 Q1	-2.6		-2.6	5.7	2.3	-8.3	0.5	7.2	3.5	-11.6	-11.6	-0.6	0.6	-9.8	-3.4
Q2	-20.3		-19.5	1.3	12.9	-15.9	0.5	-1.6	-28.9	-54.4	-3.1	-21.6	-12.2	-82.9	-13.8
Q3	19.9		19.6	-0.1	-1.9	21.7	0.5	12.4	27.9	89.6	9.6	13.8	6.2	359.9	14.8
Q4	-1.8		-1.9	0.9	0.7	1.2	0.6	-	7.0	-8.8	-1.7	2.2	3.5	-19.2	-1.1
2021 Q1	-4.4		-4.6	4.6	-6.3	-3.4	0.3	-1.7	-4.5	-18.5	-4.1	0.5	2.3	-30.1	-5.2
Q2	7.2		7.5	-5.4	1.7	14.4	-0.3	9.3	4.0	27.6	6.5	2.5	4.7	60.9	6.7
Percentage change, latest quarter on corresponding quarter of previous year															
	KGZ7		KG7U	KGA6	KGf8	KGg6	KGh4	KGi2	KGj3	KGj9	KGk7	KGl5	KGC2	KGd6	KGf2
2019 Q1	1.6		1.6	2.9	-0.6	4.4	-0.3	8.1	2.4	0.1	14.1	0.2	-0.8	1.2	3.5
Q2	2.3		2.5	2.6	-4.5	6.5	1.0	13.7	-2.7	1.5	12.2	4.2	0.9	1.6	1.6
Q3	1.2		1.3	1.3	-2.4	3.9	-0.3	4.2	-4.3	1.7	12.1	3.5	2.7	1.0	0.1
Q4	-0.1		0.2	1.9	-0.9	-0.3	0.1	0.4	-7.2	0.4	14.4	1.9	4.4	-2.1	-1.8
2020 Q1	-2.7		-2.5	8.0	1.7	-10.2	0.6	2.8	-4.7	-10.6	-1.9	2.0	4.4	-11.1	-4.8
Q2	-23.1		-22.3	9.7	16.7	-26.1	0.9	-1.8	-30.3	-60.2	-8.5	-22.0	-8.9	-84.9	-17.5
Q3	-7.5		-6.7	8.2	13.6	-9.4	1.8	14.4	-8.7	-24.0	-2.7	-11.0	-4.4	-30.1	-5.2
Q4	-8.5		-8.0	7.9	14.1	-5.0	2.1	18.6	0.6	-30.3	-7.7	-9.4	-2.8	-42.6	-5.4
2021 Q1	-10.3		-9.8	6.8	4.5	0.1	2.0	8.7	-7.1	-35.7	-	-8.4	-1.2	-55.6	-7.2
Q2	20.7		20.4	-0.3	-5.8	36.2	1.1	20.8	35.9	79.9	9.9	19.8	17.7	317.6	14.9

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								
	Total	Net tourism	Total	Goods				Services
				Total	Durable goods	Semi- durable goods	Non- durable goods	
COICOP ¹					D	SD	ND	S
	ABJR	ABTH	ZAKW	UTIH	UTID	UTIT	UTIL	UTIP
2018	1 377 461	17 575	1 359 893	554 449	135 835	124 436	294 207	805 414
2019	1 394 457	15 366	1 379 091	566 671	142 409	129 798	294 464	812 420
2020	1 248 430	5 826	1 242 604	561 478	129 655	125 639	306 184	681 126
Seasonally adjusted								
2019 Q1	347 518	4 036	343 482	141 130	35 304	31 989	73 839	202 355
Q2	350 422	3 921	346 501	143 166	36 623	32 894	73 650	203 359
Q3	349 391	4 141	345 252	142 169	36 069	32 882	73 215	203 089
Q4	347 126	3 268	343 856	140 206	34 413	32 033	73 760	203 617
2020 Q1	338 165	3 410	334 755	138 984	31 224	31 332	76 428	195 771
Q2	269 571	211	269 360	127 661	25 898	27 826	73 937	141 699
Q3	323 229	1 000	322 229	148 841	37 625	33 223	77 993	173 388
Q4	317 465	1 205	316 260	145 992	34 908	33 258	77 826	170 268
2021 Q1	303 433	1 590	301 843	140 518	30 369	32 960	77 189	161 325
Q2	325 257	875	324 382	150 219	36 463	36 366	77 390	174 163
Percentage change, latest year on previous year								
	KGZ5		KG7O	KHD7	KHC3	KHI3	KHF3	KHG7
2018	2.1		1.8	1.5	0.9	0.2	2.5	1.9
2019	1.2		1.4	2.2	4.8	4.3	0.1	0.9
2020	-10.5		-9.9	-0.9	-9.0	-3.2	4.0	-16.2
Percentage change, latest quarter on previous quarter								
	KGZ6		KG7R	KHD8	KHC4	KHI4	KHF4	KHG8
2019 Q1	-		0.1	0.5	2.1	0.1	-	-0.1
Q2	0.8		0.9	1.4	3.7	2.8	-0.3	0.5
Q3	-0.3		-0.4	-0.7	-1.5	-	-0.6	-0.1
Q4	-0.6		-0.4	-1.4	-4.6	-2.6	0.7	0.3
2020 Q1	-2.6		-2.6	-0.9	-9.3	-2.2	3.6	-3.9
Q2	-20.3		-19.5	-8.1	-17.1	-11.2	-3.3	-27.6
Q3	19.9		19.6	16.6	45.3	19.4	5.5	22.4
Q4	-1.8		-1.9	-1.9	-7.2	0.1	-0.2	-1.8
2021 Q1	-4.4		-4.6	-3.7	-13.0	-0.9	-0.8	-5.3
Q2	7.2		7.5	6.9	20.1	10.3	0.3	8.0
Percentage change, latest quarter on corresponding quarter of previous year								
	KGZ7		KG7U	KHD9	KHC5	KHI5	KHF5	KHG9
2019 Q1	1.6		1.6	2.2	4.7	2.8	0.8	1.2
Q2	2.3		2.5	4.5	9.1	8.2	0.8	1.2
Q3	1.2		1.3	2.3	6.2	6.2	-1.1	0.6
Q4	-0.1		0.2	-0.2	-0.5	0.2	-0.2	0.5
2020 Q1	-2.7		-2.5	-1.5	-11.6	-2.1	3.5	-3.3
Q2	-23.1		-22.3	-10.8	-29.3	-15.4	0.4	-30.3
Q3	-7.5		-6.7	4.7	4.3	1.0	6.5	-14.6
Q4	-8.5		-8.0	4.1	1.4	3.8	5.5	-16.4
2021 Q1	-10.3		-9.8	1.1	-2.7	5.2	1.0	-17.6
Q2	20.7		20.4	17.7	40.8	30.7	4.7	22.9

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			
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		Total	Transport equipment	ICT equipment and other machinery and equipment ³	Dwellings ⁴	Other buildings and structures ⁵	Intellectual Property Products	Total		
	NPEK	RPZG	L62R	L62S	L62T	L62U	NPQS		TLPX	TLPW	GGAE	EQED	TLPK	NPQS			
2018	217 284	57 185	4 618	758	80 661	25 959	386 464		20 878	63 808	85 280	131 923	84 575	386 464			
2019	225 865	62 110	4 680	766	82 628	23 563	399 609		19 877	65 098	87 306	139 686	87 643	399 609			
2020	204 256	65 223	4 514	645	74 930	20 076	369 644		15 418	57 501	79 263	127 343	90 119	369 644			
Seasonally adjusted																	
2019 Q1	55 496	16 025	1 125	182	20 575	6 412	99 813		4 162	16 556	21 699	35 859	21 538	99 813			
Q2	56 356	15 069	1 152	204	20 808	5 712	99 301		4 990	16 143	21 960	34 493	21 715	99 301			
Q3	57 236	15 563	1 177	193	20 926	5 823	100 917		5 756	16 483	22 103	34 347	22 228	100 917			
Q4	56 777	15 453	1 226	187	20 319	5 616	99 578		4 969	15 916	21 544	34 987	22 162	99 578			
2020 Q1	55 936	14 513	1 189	179	20 065	5 490	97 372		4 646	15 033	21 074	33 664	22 955	97 372			
Q2	44 724	16 686	1 031	147	12 103	4 688	79 379		2 360	12 130	13 134	29 400	22 355	79 379			
Q3	50 479	16 560	1 105	150	21 276	4 740	94 310		4 293	14 220	22 380	31 109	22 308	94 310			
Q4	53 117	17 464	1 189	169	21 486	5 158	98 583		4 119	16 118	22 675	33 170	22 501	98 583			
2021 Q1	48 859	19 595	1 278	181	21 035	5 471	96 419		2 632	15 756	22 313	33 912	21 806	96 419			
Q2	51 008	17 655	1 383	203	21 520	5 799	97 568		3 436	14 734	22 903	34 239	22 256	97 568			
Percentage change, latest year on previous year																	
	KG6N	KH7N	L64E	L64H	L64K	L64N	KG6O	KG6T	KG6S	KH7X	KH7W	KG6R	KG6O				
2018	0.2	3.5	-45.4	-1.8	11.5	7.6	2.3	-23.6	-	5.5	4.0	7.0	2.3				
2019	3.9	8.6	1.3	1.1	2.4	-9.2	3.4	-4.8	2.0	2.4	5.9	3.6	3.4				
2020	-9.6	5.0	-3.5	-15.8	-9.3	-14.8	-7.5	-22.4	-11.7	-9.2	-8.8	2.8	-7.5				
Percentage change, latest quarter on previous quarter																	
	KG6V	KH7P	L64F	L64I	L64L	L64O	KG6W	KG73	KG72	KH83	KH82	KG6Z	KG6W				
2019 Q1	2.0	10.3	4.8	-5.7	0.7	-6.0	2.4	-35.9	3.2	0.9	11.3	1.7	2.4				
Q2	1.5	-6.0	2.4	12.1	1.1	-10.9	-0.5	19.9	-2.5	1.2	-3.8	0.8	-0.5				
Q3	1.6	3.3	2.2	-5.4	0.6	1.9	1.6	15.4	2.1	0.7	-0.4	2.4	1.6				
Q4	-0.8	-0.7	4.2	-3.1	-2.9	-3.6	-1.3	-13.7	-3.4	-2.5	1.9	-0.3	-1.3				
2020 Q1	-1.5	-6.1	-3.0	-4.3	-1.3	-2.2	-2.2	-6.5	-5.5	-2.2	-3.8	3.6	-2.2				
Q2	-20.0	15.0	-13.3	-17.9	-39.7	-14.6	-18.5	-49.2	-19.3	-37.7	-12.7	-2.6	-18.5				
Q3	12.9	-0.8	7.2	2.0	75.8	1.1	18.8	81.9	17.2	70.4	5.8	-0.2	18.8				
Q4	5.2	5.5	7.6	12.7	1.0	8.8	4.5	-4.1	13.3	1.3	6.6	0.9	4.5				
2021 Q1	-8.0	12.2	7.5	7.1	-2.1	6.1	-2.2	-36.1	-2.2	-1.6	2.2	-3.1	-2.2				
Q2	4.4	-9.9	8.2	12.2	2.3	6.0	1.2	30.5	-6.5	2.6	1.0	2.1	1.2				
Percentage change, latest quarter on corresponding quarter of previous year																	
	KG75	KH7R	L64G	L64J	L64M	L64P	KG76	KG7B	KG7A	KH87	KH86	KG79	KG76				
2019 Q1	1.2	15.1	-7.7	8.3	4.9	9.7	4.4	-10.3	2.9	4.2	8.0	3.3	4.4				
Q2	4.1	7.6	-3.7	2.5	2.8	-10.6	3.3	28.3	3.0	2.5	2.0	1.9	3.3				
Q3	6.2	5.7	4.2	-2.5	2.7	-15.7	3.8	-1.7	3.1	2.8	5.1	4.7	3.8				
Q4	4.4	6.3	14.3	-3.1	-0.6	-17.6	2.2	-23.5	-0.8	0.1	8.6	4.6	2.2				
2020 Q1	0.8	-9.4	5.7	-1.6	-2.5	-14.4	-2.4	11.6	-9.2	-2.9	-6.1	6.6	-2.4				
Q2	-20.6	10.7	-10.5	-27.9	-41.8	-17.9	-20.1	-52.7	-24.9	-40.2	-14.8	2.9	-20.1				
Q3	-11.8	6.4	-6.1	-22.3	1.7	-18.6	-6.5	-25.4	-13.7	1.3	-9.4	0.4	-6.5				
Q4	-6.4	13.0	-3.0	-9.6	5.7	-8.2	-1.0	-17.1	1.3	5.2	-5.2	1.5	-1.0				
2021 Q1	-12.7	35.0	7.5	1.1	4.8	-0.3	-1.0	-43.3	4.8	5.9	0.7	-5.0	-1.0				
Q2	14.1	5.8	34.1	38.1	77.8	23.7	22.9	45.6	21.5	74.4	16.5	-0.4	22.9				

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 6}	General government	Dwellings ⁴	Costs of transfer of ownership of non-produced assets ⁷	Dwellings ⁴	Costs of transfer of ownership of non-produced assets ⁷	NPQT	Transport equipment	ICT equipment and other machinery and	Dwellings ⁴	Other buildings and structures ⁵	Intellectual Property Products	Total	
	NPEL	DLWF	L634	L635	L636	L637	NPQT	DLWL	DLWO	DFEG	DLWT	EQDO	NPQT	
2018	223 763	59 131	4 736	616	82 690	26 542	397 436	20 892	65 660	87 429	136 285	87 114	397 436	
2019	225 865	62 108	4 678	592	82 627	23 738	399 609	19 877	65 097	87 307	139 685	87 643	399 609	
2020	200 731	63 725	4 457	482	73 996	19 990	363 381	15 111	56 781	78 274	125 174	88 041	363 381	
Seasonally adjusted														
2019 Q1	56 124	16 184	1 109	141	20 801	6 515	100 878	4 183	17 113	21 910	35 819	21 870	100 878	
Q2	56 190	15 139	1 176	158	20 881	5 728	99 274	4 758	16 104	22 058	34 579	21 756	99 274	
Q3	56 853	15 565	1 153	149	20 854	5 878	100 453	5 751	16 501	22 008	34 081	22 097	100 453	
Q4	56 698	15 220	1 240	144	20 091	5 617	99 004	5 185	15 379	21 331	35 206	21 920	99 004	
2020 Q1	55 443	14 299	1 173	135	19 892	5 492	96 434	4 595	14 803	20 887	33 542	22 607	96 434	
Q2	43 809	16 241	1 041	110	11 968	4 659	77 828	2 257	11 930	13 008	28 788	21 845	77 828	
Q3	49 271	16 306	1 079	112	21 025	4 709	92 502	4 070	13 933	22 104	30 649	21 746	92 502	
Q4	52 208	16 879	1 164	125	21 111	5 130	96 617	4 189	16 115	22 275	32 195	21 843	96 617	
2021 Q1	47 332	18 971	1 249	133	20 590	5 442	93 717	2 445	15 531	21 839	32 850	21 052	93 717	
Q2	49 468	16 903	1 356	149	20 898	5 734	94 508	3 256	14 763	22 254	32 692	21 543	94 508	
Percentage change, latest year on previous year														
2018	KG7M	KH92	L64T	L64W	L654	L64Z	KG7N	KH95	KH96	KH8Y	KH97	KH98	KG7N	
2019	-2.0	1.5	-47.0	-8.1	8.2	5.9	-0.1	-27.0	0.8	2.4	1.2	4.1	-0.1	
2020	0.9	5.0	-1.2	-3.9	-0.1	-10.6	0.5	-4.9	-0.9	-0.1	2.5	0.6	0.5	
2020	-11.1	2.6	-4.7	-18.6	-10.4	-15.8	-9.1	-24.0	-12.8	-10.3	-10.4	0.5	-9.1	
Percentage change, latest quarter on previous quarter														
2019 Q1	KG7P	KH9C	L64U	L64X	L655	L652	KG7Q	KH9F	KH9G	KH9A	KH9H	KH9I	KG7Q	
Q2	1.7	8.3	-0.2	-4.7	0.2	-6.3	1.8	-36.0	4.2	0.1	9.6	1.3	1.8	
Q3	0.1	-6.5	6.0	12.1	0.4	-12.1	-1.6	13.7	-5.9	0.7	-3.5	-0.5	-1.6	
Q4	1.2	2.8	-2.0	-5.7	-0.1	2.6	1.2	20.9	2.5	-0.2	-1.4	1.6	1.2	
2020 Q1	-0.3	-2.2	7.5	-3.4	-3.7	-4.4	-1.4	-9.8	-6.8	-3.1	3.3	-0.8	-1.4	
2020 Q1	-2.2	-6.1	-5.4	-6.2	-1.0	-2.2	-2.6	-11.4	-3.7	-2.1	-4.7	3.1	-2.6	
Q2	-21.0	13.6	-11.3	-18.5	-39.8	-15.2	-19.3	-50.9	-19.4	-37.7	-14.2	-3.4	-19.3	
Q3	12.5	0.4	3.7	1.8	75.7	1.1	18.9	80.3	16.8	69.9	6.5	-0.5	18.9	
Q4	6.0	3.5	7.9	11.6	0.4	8.9	4.4	2.9	15.7	0.8	5.0	0.4	4.4	
2021 Q1	-9.3	12.4	7.3	6.4	-2.5	6.1	-3.0	-41.6	-3.6	-2.0	2.0	-3.6	-3.0	
Q2	4.5	-10.9	8.6	12.0	1.5	5.4	0.8	33.2	-4.9	1.9	-0.5	2.3	0.8	
Percentage change, latest quarter on corresponding quarter of previous year														
2019 Q1	KG7S	KH9M	L64V	L64Y	L656	L653	KG7T	KH9P	KH9Q	KH9K	KH9R	KH9S	KG7T	
Q2	-1.6	12.9	-10.5	-2.8	2.3	8.2	1.8	-12.0	4.0	1.6	3.7	0.7	1.8	
Q3	0.2	3.6	-5.3	-7.6	0.4	-12.0	-0.1	25.8	-1.3	0.1	-1.9	-1.3	-0.1	
Q4	2.5	2.2	0.8	-2.0	0.3	-16.8	0.6	-1.2	0.2	0.3	0.7	1.5	0.6	
2020 Q1	2.7	1.8	11.6	-2.7	-3.3	-19.2	-0.1	-20.7	-6.4	-2.5	7.7	1.5	-0.1	
2020 Q1	-1.2	-11.6	5.8	-4.3	-4.4	-15.7	-4.4	9.8	-13.5	-4.7	-6.4	3.4	-4.4	
Q2	-22.0	7.3	-11.5	-30.4	-42.7	-18.7	-21.6	-52.6	-25.9	-41.0	-16.7	0.4	-21.6	
Q3	-13.3	4.8	-6.4	-24.8	0.8	-19.9	-7.9	-29.2	-15.6	0.4	-10.1	-1.6	-7.9	
Q4	-7.9	10.9	-6.1	-13.2	5.1	-8.7	-2.4	-19.2	4.8	4.4	-8.6	-0.4	-2.4	
2021 Q1	-14.6	32.7	6.5	-1.5	3.5	-0.9	-2.8	-46.8	4.9	4.6	-2.1	-6.9	-2.8	
Q2	12.9	4.1	30.3	35.5	74.6	23.1	21.4	44.3	23.7	71.1	13.6	-1.4	21.4	

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.

6 Whilst quality assuring the business investment dataset, a discrepancy was found where annual Non-Seasonally Adjusted CVM data does not equal annual Seasonally Adjusted CVM data for the years 1997 to 2019. This issue affects Business Investment and its component assets. The largest difference in any given year is -£9m in business investment and -£13m in the sub-components. The correct data series to use for the annual timeline is the Non-Seasonally Adjusted series, NPEN.

7 During quality assurance of the ANA21 GFCF dataset, an issue has been identified that affects the chained volume measure of costs of ownership transfer of non-produced assets in the private sector and the public corporations sector. As a result, £175 million has been erroneously removed from public corporations and added to the private sector estimate for costs of ownership transfer of non-produced assets in 2019.

G1 Changes in inventories at current prices ¹

£ million

	Mining and quarrying	Manufacturing industries				Elect- ricity, gas and water supply	Distributive trades		Other industries ³	Changes in inventories ³
		Materials and fuel	Work in progress	Finished goods	Total		Wholesale ²	Retail ²		
Level of inventories held at end-December 2019	1 234	27 850	16 392	22 287	66 528	-1 561	40 319	33 457	59 484	199 461
	FAHS	FAGF	FADY	FALR	NZTP	FAGI	FBHE	FAHA	CWVD	CAEX
2018	-483	640	2 016	-498	2 158	-2 190	1 173	-2 072	3 449	2 035
2019	357	5 486	-974	-1 376	3 136	1 183	1 930	440	-537	6 509
2020	404	-178	-2 446	1 022	-1 602	-1 684	-2 184	-673	-3 090	-8 829
Seasonally adjusted										
2019 Q1	207	1 979	295	1 168	3 442	645	2 002	188	-51	6 433
Q2	-221	2 697	-1 205	-1 741	-249	-215	355	595	2 606	2 871
Q3	252	369	-958	-938	-1 527	553	-142	-508	-617	-1 989
Q4	119	441	894	135	1 470	200	-285	165	-2 475	-806
2020 Q1	455	-393	158	-301	-536	-536	-2 382	-1 400	4 542	143
Q2	1 185	491	-86	749	1 154	787	-527	-725	-6 092	-4 218
Q3	-1 112	-350	-2 712	-435	-3 497	-2 076	275	712	-1 203	-6 901
Q4	-124	74	194	1 009	1 277	141	450	740	-337	2 147
2021 Q1	-1 044	-1 314	1 666	2 216	2 568	-594	-250	917	3 771	5 368
Q2	56	1 704	1 333	-389	2 648	761	68	745	284	4 562

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				Elect- ricity, gas and water supply	Distributive trades		Other industries ³	Changes in inventories ³
		Materials and fuel	Work in progress	Finished goods	Total		Wholesale ²	Retail ²		
Level of inventories held at end-December 2019	1 234	27 850	16 392	22 287	66 528	-1 561	40 319	33 457	59 484	199 461
	FAEA	FBNF	FBNG	FBNH	DHBM	FAEB	FAJX	FBYN	DLWX	CAFU
2018	-430	1 369	2 087	-83	3 254	-2 134	928	-1 243	1 803	1 798
2019	357	5 486	-974	-1 376	3 136	1 183	1 930	440	-537	6 509
2020	1 135	268	-4 038	282	-3 488	646	-1 041	-3 772	-2 715	-9 235
Seasonally adjusted										
2019 Q1	165	1 952	917	1 114	3 967	680	1 501	-527	1 158	6 971
Q2	-147	2 304	-1 259	-1 279	-202	-221	9	531	791	682
Q3	212	451	-552	-912	-1 019	549	-267	-361	325	-518
Q4	127	779	-80	-299	390	175	687	797	-2 811	-626
2020 Q1	512	-7	-320	629	302	545	-1 456	-1 698	1 992	197
Q2	741	-497	-503	-482	-1 482	685	-262	-1 588	-5 722	-7 628
Q3	-609	-2	-2 892	-970	-3 864	-991	594	-239	660	-4 449
Q4	491	774	-323	1 105	1 556	407	83	-247	355	2 645
2021 Q1	-703	-635	411	2 081	1 857	-2	-47	187	2 923	4 215
Q2	15	1 700	892	386	2 978	501	-472	-361	335	2 996

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
2018	350 844	312 481	663 325	493 096	198 527	691 623	-142 252	113 954	-28 298
2019	371 955	327 295	699 250	510 169	209 769	719 938	-138 214	117 526	-20 688
2020	308 679	292 294	600 973	437 420	159 273	596 693	-128 741	133 021	4 280
Seasonally adjusted									
2019 Q1	90 549	78 003	168 552	142 102	49 602	191 704	-51 553	28 401	-23 152
Q2	86 879	80 457	167 336	123 822	51 915	175 737	-36 943	28 542	-8 401
Q3	93 455	83 574	177 029	125 206	53 575	178 781	-31 751	29 999	-1 752
Q4	101 072	85 261	186 333	119 039	54 677	173 716	-17 967	30 584	12 617
2020 Q1	82 471	79 462	161 933	113 531	47 635	161 166	-31 060	31 827	767
Q2	72 435	69 816	142 251	87 703	36 774	124 477	-15 268	33 042	17 774
Q3	73 265	69 475	142 740	107 286	37 059	144 345	-34 021	32 416	-1 605
Q4	80 508	73 541	154 049	128 900	37 805	166 705	-48 392	35 736	-12 656
2021 Q1	73 058	70 555	143 613	111 811	35 949	147 760	-38 753	34 606	-4 147
Q2	83 925	69 712	153 637	116 548	36 371	152 919	-32 623	33 341	718
Percentage change, latest year on previous year									
	KG9K	KH35	KH2O	KG9L	KH3W	KH3H			
2018	3.8	7.0	5.3	3.1	11.4	5.3			
2019	6.0	4.7	5.4	3.5	5.7	4.1			
2020	-17.0	-10.7	-14.1	-14.3	-24.1	-17.1			
Percentage change, latest quarter on previous quarter									
	KG9O	KH36	KH2P	KG9P	KH3X	KH3I			
2019 Q1	2.9	-4.9	-0.9	12.3	-5.7	7.0			
Q2	-4.1	3.1	-0.7	-12.9	4.7	-8.3			
Q3	7.6	3.9	5.8	1.1	3.2	1.7			
Q4	8.2	2.0	5.3	-4.9	2.1	-2.8			
2020 Q1	-18.4	-6.8	-13.1	-4.6	-12.9	-7.2			
Q2	-12.2	-12.1	-12.2	-22.7	-22.8	-22.8			
Q3	1.1	-0.5	0.3	22.3	0.8	16.0			
Q4	9.9	5.9	7.9	20.1	2.0	15.5			
2021 Q1	-9.3	-4.1	-6.8	-13.3	-4.9	-11.4			
Q2	14.9	-1.2	7.0	4.2	1.2	3.5			
Percentage change, latest quarter on corresponding quarter of previous year									
	KG9S	KH37	KH2Q	KG9T	KH3Y	KH3J			
2019 Q1	6.4	1.9	4.3	18.4	3.4	14.1			
Q2	-0.8	5.4	2.0	0.9	6.4	2.5			
Q3	3.7	7.8	5.6	1.1	9.0	3.3			
Q4	14.9	3.9	9.6	-5.9	3.9	-3.0			
2020 Q1	-8.9	1.9	-3.9	-20.1	-4.0	-15.9			
Q2	-16.6	-13.2	-15.0	-29.2	-29.2	-29.2			
Q3	-21.6	-16.9	-19.4	-14.3	-30.8	-19.3			
Q4	-20.3	-13.7	-17.3	8.3	-30.9	-4.0			
2021 Q1	-11.4	-11.2	-11.3	-1.5	-24.5	-8.3			
Q2	15.9	-0.1	8.0	32.9	-1.1	22.8			

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
2018	357 961	318 566	676 529	497 752	201 703	699 468	-22 939
2019	371 955	327 295	699 250	510 169	209 769	719 938	-20 688
2020	318 923	277 624	596 547	441 274	157 965	599 239	-2 692
Seasonally adjusted							
2019 Q1	91 398	78 540	169 947	143 665	50 416	194 086	-24 139
Q2	86 208	80 803	167 007	123 520	51 772	175 259	-8 252
Q3	92 553	83 156	175 700	123 034	53 199	176 218	-518
Q4	101 796	84 796	186 596	119 950	54 382	174 375	12 221
2020 Q1	83 191	76 965	160 156	114 650	48 150	162 800	-2 644
Q2	77 446	65 448	142 894	90 018	35 940	125 958	16 936
Q3	75 587	66 614	142 201	108 313	36 765	145 078	-2 877
Q4	82 699	68 597	151 296	128 293	37 110	165 403	-14 107
2021 Q1	73 415	65 825	139 240	111 097	35 340	146 437	-7 197
Q2	83 250	64 653	147 903	114 328	35 658	149 986	-2 083
Percentage change, latest year on previous year							
	KG9X	KH3B	KH2U	KG9W	KH44	KH3N	
2018	0.2	5.8	2.8	0.2	10.7	3.1	
2019	3.9	2.7	3.4	2.5	4.0	2.9	
2020	-14.3	-15.2	-14.7	-13.5	-24.7	-16.8	
Percentage change, latest quarter on previous quarter							
	KGA2	KH3C	KH2V	KG9Z	KH45	KH3O	
2019 Q1	3.7	-5.3	-0.7	13.6	-4.7	8.2	
Q2	-5.7	2.9	-1.7	-14.0	2.7	-9.7	
Q3	7.4	2.9	5.2	-0.4	2.8	0.5	
Q4	10.0	2.0	6.2	-2.5	2.2	-1.0	
2020 Q1	-18.3	-9.2	-14.2	-4.4	-11.5	-6.6	
Q2	-6.9	-15.0	-10.8	-21.5	-25.4	-22.6	
Q3	-2.4	1.8	-0.5	20.3	2.3	15.2	
Q4	9.4	3.0	6.4	18.4	0.9	14.0	
2021 Q1	-11.2	-4.0	-8.0	-13.4	-4.8	-11.5	
Q2	13.4	-1.8	6.2	2.9	0.9	2.4	
Percentage change, latest quarter on corresponding quarter of previous year							
	KGA5	KH3D	KH2W	KGA4	KH46	KH3P	
2019 Q1	2.0	-0.3	0.9	15.7	3.1	12.2	
Q2	-4.0	4.0	-0.3	-0.3	3.8	0.9	
Q3	2.4	5.1	3.6	-0.2	6.4	1.7	
Q4	15.5	2.3	9.1	-5.2	2.7	-2.8	
2020 Q1	-9.0	-2.0	-5.8	-20.2	-4.5	-16.1	
Q2	-10.2	-19.0	-14.4	-27.1	-30.6	-28.1	
Q3	-18.3	-19.9	-19.1	-12.0	-30.9	-17.7	
Q4	-18.8	-19.1	-18.9	7.0	-31.8	-5.1	
2021 Q1	-11.8	-14.5	-13.1	-3.1	-26.6	-10.1	
Q2	7.5	-1.2	3.5	27.0	-0.8	19.1	

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
2018	1 981 300	1 942 619	1 942 619	–	96.3	96.3	98.2	98.2	98.2
2019	2 017 344	2 017 344	2 017 344	–	100.0	100.0	100.0	100.0	100.0
2020	1 822 536	1 952 439	1 933 670	18 769	96.8	95.9	90.3	89.5	90.8
Seasonally adjusted									
2019 Q1	502 744	498 591	498 591	–	98.9	98.9	99.7	99.7	99.7
Q2	503 785	500 611	500 611	–	99.3	99.3	99.9	99.9	99.9
Q3	505 505	508 813	508 813	–	100.9	100.9	100.2	100.2	100.2
Q4	505 310	509 329	509 329	–	101.0	101.0	100.2	100.2	100.2
2020 Q1	491 306	507 048	506 804	244	100.5	100.5	97.4	97.3	97.6
Q2	397 158	447 255	440 233	7 022	88.7	87.3	78.7	77.5	78.8
Q3	465 107	497 291	491 148	6 143	98.6	97.4	92.2	91.1	92.8
Q4	468 965	500 845	495 485	5 360	99.3	98.2	93.0	92.0	94.1
2021 Q1	462 696	508 072	502 629	5 443	100.7	99.7	91.7	90.8	92.8
Q2	488 085	520 073	514 444	5 629	103.1	102.0	96.8	95.7	97.9
Percentage change, latest year on previous year									
	KH4D	KH47	KH68		KH47	KH68	KH4D	KH6E	GDPQ
2018	1.6	3.7	3.7		3.7	3.7	1.6	1.6	1.6
2019	1.8	3.8	3.8		3.8	3.8	1.8	1.8	1.8
2020	–9.7	–3.2	–4.1		–3.2	–4.1	–9.7	–10.5	–9.2
Percentage change, latest quarter on previous quarter									
	KH4F	KH49	KH6A		KH49	KH6A	KH4F	KH6G	
2019 Q1	0.6	1.2	1.2		1.2	1.2	0.6	0.6	0.6
Q2	0.2	0.4	0.4		0.4	0.4	0.2	0.2	0.2
Q3	0.3	1.6	1.6		1.6	1.6	0.3	0.3	0.3
Q4	–	0.1	0.1		0.1	0.1	–	–	–
2020 Q1	–2.8	–0.4	–0.5		–0.4	–0.5	–2.8	–2.8	–2.5
Q2	–19.2	–11.8	–13.1		–11.8	–13.1	–19.2	–20.4	–19.3
Q3	17.1	11.2	11.6		11.2	11.6	17.1	17.5	17.7
Q4	0.8	0.7	0.9		0.7	0.9	0.8	1.0	1.4
2021 Q1	–1.3	1.4	1.4		1.4	1.4	–1.3	–1.3	–1.4
Q2	5.5	2.4	2.4		2.4	2.4	5.5	5.5	5.5
Percentage change, latest quarter on corresponding quarter of previous year									
	KH4H	KH4B	KH6C		KH4B	KH6C	KH4H	KH6I	GDPR
2019 Q1	2.5	3.9	3.9		3.9	3.9	2.5	2.5	2.5
Q2	2.1	4.1	4.1		4.1	4.1	2.1	2.1	2.1
Q3	1.6	4.1	4.1		4.1	4.1	1.6	1.6	1.6
Q4	1.1	3.4	3.4		3.4	3.4	1.1	1.1	1.1
2020 Q1	–2.3	1.7	1.6		1.7	1.6	–2.3	–2.3	–2.1
Q2	–21.2	–10.7	–12.1		–10.7	–12.1	–21.2	–22.4	–21.1
Q3	–8.0	–2.3	–3.5		–2.3	–3.5	–8.0	–9.1	–7.4
Q4	–7.2	–1.7	–2.7		–1.7	–2.7	–7.2	–8.2	–6.1
2021 Q1	–5.8	0.2	–0.8		0.2	–0.8	–5.8	–6.8	–5.0
Q2	22.9	16.3	16.9		16.3	16.9	22.9	23.5	24.2

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			
	DMUN	DMUM	DMUQ
2019 Q1	-290	-295	-785
Q2	1 811	1 813	1 266
Q3	454	449	1 468
Q4	-1 975	-1 967	-1 949
2020 Q1	3 116	2 987	-418
Q2	-3 216	-2 957	2 619
Q3	475	383	780
Q4	-375	-413	-2 981
2021 Q1	2 562	2 339	2 952
Q2	2 977	2 800	94

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 2020/21 = 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	2 261 210	2 261 177	2 026 121	428 845	60 598	2 243 106	2 006 218	423 088	60 223	93.7478
2020/21	2 153 323	2 146 343	1 950 438	503 238	70 305	2 004 802	1 791 156	400 162	68 397	100.0000
Seasonally adjusted										
2019 Q1	557 249	561 009	498 591	103 663	16 025	562 033	502 744	105 596	16 184	92.1966
Q2	561 476	554 257	500 611	103 410	15 069	562 779	503 785	105 195	15 139	92.7729
Q3	568 439	563 283	508 813	107 365	15 563	565 362	505 505	105 255	15 565	93.4942
Q4	568 119	576 734	509 329	109 568	15 453	565 109	505 310	107 960	15 220	93.4834
2020 Q1	563 176	566 903	507 368	108 502	14 513	549 856	491 618	104 678	14 299	95.2407
Q2	490 191	487 864	445 017	123 147	16 686	442 274	395 139	86 144	16 241	103.0627
Q3	547 436	539 037	496 234	122 598	16 560	519 390	464 104	100 748	16 306	98.0093
Q4	555 270	562 269	500 986	126 127	17 464	525 140	469 098	105 571	16 879	98.3234
2021 Q1	560 426	557 173	508 201	131 366	19 595	517 998	462 815	107 699	18 971	100.6046
Q2	577 800	567 341	520 199	127 426	17 655	546 556	488 204	116 448	16 903	98.3038
Percentage change, latest financial year on previous financial year										
2019/20	3.0	2.8	3.3	6.2	2.2	0.6	0.6	2.9	-1.2	2.4
2020/21	-4.8	-5.1	-3.7	17.3	16.0	-10.6	-10.7	-5.4	13.6	6.7
Percentage change, latest quarter on previous quarter										
	IHYN	A8L9	KGL8	KH2D	KH7P	IHYQ	KGM9	KH2J	KH9C	L8GH
2019 Q1	1.2	0.3	1.2	1.7	10.3	0.6	0.6	3.1	8.3	0.5
Q2	0.8	-1.2	0.4	-0.2	-6.0	0.1	0.2	-0.4	-6.5	0.6
Q3	1.2	1.6	1.6	3.8	3.3	0.5	0.3	0.1	2.8	0.8
Q4	-0.1	2.4	0.1	2.1	-0.7	-	-	2.6	-2.2	-
2020 Q1	-0.9	-1.7	-0.4	-1.0	-6.1	-2.7	-2.7	-3.0	-6.1	1.9
Q2	-13.0	-13.9	-12.3	13.5	15.0	-19.6	-19.6	-17.7	13.6	8.2
Q3	11.7	10.5	11.5	-0.4	-0.8	17.4	17.5	17.0	0.4	-4.9
Q4	1.4	4.3	1.0	2.9	5.5	1.1	1.1	4.8	3.5	0.3
2021 Q1	0.9	-0.9	1.4	4.2	12.2	-1.4	-1.3	2.0	12.4	2.3
Q2	3.1	1.8	2.4	-3.0	-9.9	5.5	5.5	8.1	-10.9	-2.3
Percentage change, latest quarter on corresponding quarter of previous year										
	IHYO	A8LA	KGM2	KH2E	KH7R	IHYR	KGN3	KH2K	KH9M	L8GI
2019 Q1	4.0	4.7	3.9	4.7	15.1	2.2	2.5	4.3	12.9	1.8
Q2	3.8	3.3	4.1	5.4	7.6	1.8	2.1	3.7	3.6	2.0
Q3	4.0	3.8	4.1	7.3	5.7	1.6	1.6	3.5	2.2	2.3
Q4	3.1	3.1	3.4	7.5	6.3	1.2	1.1	5.4	1.8	1.9
2020 Q1	1.1	1.1	1.8	4.7	-9.4	-2.2	-2.2	-0.9	-11.6	3.3
Q2	-12.7	-12.0	-11.1	19.1	10.7	-21.4	-21.6	-18.1	7.3	11.1
Q3	-3.7	-4.3	-2.5	14.2	6.4	-8.1	-8.2	-4.3	4.8	4.8
Q4	-2.3	-2.5	-1.6	15.1	13.0	-7.1	-7.2	-2.2	10.9	5.2
2021 Q1	-0.5	-1.7	0.2	21.1	35.0	-5.8	-5.9	2.9	32.7	5.6
Q2	17.9	16.3	16.9	3.5	5.8	23.6	23.6	35.2	4.1	-4.6

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 2020/2021 =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

2020 = 100

	Implied deflators ²		
	Gross national expenditure	Gross domestic product at market prices ³	Gross value added at basic prices
	MNE2	MNF2	MNX5
2018	92.8734	92.3878	91.3011
2019	94.5058	94.2507	93.1198
2020	100.0000	100.0000	100.0000
Seasonally adjusted			
2019 Q1	93.5517	93.4498	92.3520
Q2	94.3097	94.0338	92.5346
Q3	95.2179	94.7650	93.7307
Q4	94.9440	94.7541	93.8619
2020 Q1	96.1887	96.5353	96.1046
Q2	104.9526	104.4635	104.8759
Q3	99.3391	99.3415	99.5681
Q4	99.5197	99.6598	99.4514
2021 Q1	101.5791	101.9720	102.2532
Q2	99.3931	99.6400	99.2241
Percentage change, latest year on previous year			
	MNE3	MNF3	MNX6
2018	1.9	2.0	2.1
2019	1.8	2.0	2.0
2020	5.8	6.1	7.4
Percentage change, latest quarter on previous quarter			
	MNE4	MNF4	MNX7
2019 Q1	0.2	0.5	0.6
Q2	0.8	0.6	0.2
Q3	1.0	0.8	1.3
Q4	-0.3	-	0.1
2020 Q1	1.3	1.9	2.4
Q2	9.1	8.2	9.1
Q3	-5.3	-4.9	-5.1
Q4	0.2	0.3	-0.1
2021 Q1	2.1	2.3	2.8
Q2	-2.2	-2.3	-3.0
Percentage change, latest quarter on corresponding quarter of previous year			
	MNE5	MNF5	MNX8
2019 Q1	1.3	1.8	1.3
Q2	1.8	2.0	2.0
Q3	2.2	2.3	2.4
Q4	1.7	1.9	2.3
2020 Q1	2.8	3.3	4.1
Q2	11.3	11.1	13.3
Q3	4.3	4.8	6.2
Q4	4.8	5.2	6.0
2021 Q1	5.6	5.6	6.4
Q2	-5.3	-4.6	-5.4

1 Implied deflator is expressed in terms of 2020 = 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
2018	66 436	2 174 380	32 729	2 218 196	33 388
2019	66 797	2 255 283	33 763	2 255 283	33 763
2020	67 081	2 156 073	32 141	2 036 660	30 361
Seasonally adjusted					
2019 Q1	66 707	557 249	8 354	562 033	8 425
Q2	66 797	561 476	8 406	562 779	8 425
Q3	66 868	568 439	8 501	565 362	8 455
Q4	66 939	568 119	8 487	565 109	8 442
2020 Q1	67 010	563 176	8 404	549 856	8 206
Q2	67 081	490 191	7 307	442 274	6 593
Q3	67 193	547 436	8 147	519 390	7 730
Q4	67 306	555 270	8 250	525 140	7 802
2021 Q1	67 418	560 426	8 313	517 998	7 683
Q2	67 531	577 800	8 556	546 556	8 093
Percentage change, latest year on previous year					
		IHYM	N3Y3	IHYP	N3Y6
2018		3.7	3.1	1.7	1.0
2019		3.7	3.2	1.7	1.1
2020		-4.4	-4.8	-9.7	-10.1
Percentage change, latest quarter on previous quarter					
		IHYN	N3Y4	IHYQ	N3Y7
2019 Q1		1.2	1.0	0.6	0.5
Q2		0.8	0.6	0.1	-
Q3		1.2	1.1	0.5	0.4
Q4		-0.1	-0.2	-	-0.2
2020 Q1		-0.9	-1.0	-2.7	-2.8
Q2		-13.0	-13.1	-19.6	-19.7
Q3		11.7	11.5	17.4	17.2
Q4		1.4	1.3	1.1	0.9
2021 Q1		0.9	0.8	-1.4	-1.5
Q2		3.1	2.9	5.5	5.3
Percentage change, latest quarter on corresponding quarter of previous year					
		IHYO	N3Y5	IHYR	N3Y8
2019 Q1		4.0	3.4	2.2	1.6
Q2		3.8	3.2	1.8	1.2
Q3		4.0	3.4	1.6	1.1
Q4		3.1	2.6	1.2	0.7
2020 Q1		1.1	0.6	-2.2	-2.6
Q2		-12.7	-13.1	-21.4	-21.7
Q3		-3.7	-4.2	-8.1	-8.6
Q4		-2.3	-2.8	-7.1	-7.6
2021 Q1		-0.5	-1.1	-5.8	-6.4
Q2		17.9	17.1	23.6	22.8

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 25 June 2021

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

Revisions Analysis¹

Revisions since previously published estimates

£ million

			2020
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		44 034
less Basic price adjustment	KB7E		1 206
Gross value added at basic prices	KB7F		42 828
Gross domestic product:			
expenditure at current prices (Table C1)			
National expenditure on goods and services			
at market prices			
Households	KB7K		26 526
Non-profit institutions serving households	KB7L		2 052
General government	KB7M		-1 404
Gross fixed capital formation	KB7N		-1 342
Changes in inventories	KB7O		-1 552
Acquisitions less disposals of valuables	KB7P		5 570
Total	KB7Q		29 850
Total exports	KB7R		22 985
Total imports	KB7S		11 148
Statistical discrepancy (expenditure)	KB7T		2 347
Gross domestic product:			
income at current prices (Table D)			
Compensation of employees	KB7U		-910
Gross operating surplus of corporations	KB7V		39 554
Other income	KB7W		7 388
Gross value added at factor cost	KB7X		46 032
Taxes on products & production less Subsidies	KB7Y		343
Statistical discrepancy (income)	KB7Z		-2 341

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

			2020
Latest less previously published growth rates for GDP			
in chained volume terms			
Percentage changes in volume of GDP (Table A2)			
Gross domestic product chained volume measures			
Year on year growth	KB82		0.1
Percentage changes in volume			
of GVA output components (Table B1)			
GVA at basic prices			
Agriculture, forestry and fishing	KB83		0.2
Mining and quarrying inc oil & gas extraction	KB84		-11.9
Manufacturing	KB85		0.7
Electricity, gas, steam and air	KB86		1.9
Water supply, sewerage	KNT7		-0.5
Total Production	KB87		-0.3
Construction	KB88		-2.1
Distribution, hotels and restaurants	KB89		0.3
Transport storage and communications	KB8A		-0.5
Business services and finance	KB8B		0.1
Government and other services	KB8C		0.7
Total services	KB8D		0.2
Total GVA	KB8E		0.1
Total GVA excluding Oil	KB8F		0.2
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		-1.2
General government	KB8I		0.2
Gross fixed capital formation	KB8J		-0.3
Total	KB8K		0.2
Total exports	KB8L		1.1
Total imports	KB8M		1.0

Revisions Analysis¹

Revisions since previously published estimates

continued

£ million

		2020 Q1	2020 Q2	2020 Q3	2020 Q4	2021 Q1	2021 Q2
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	11 674	12 942	7 911	11 507	17 819	15 552
less Basic price adjustment	KB7E	336	-1 128	299	1 699	217	954
Gross value added at basic prices	KB7F	11 338	14 070	7 612	9 808	17 602	14 598
Gross domestic product:							
expenditure at current prices (Table C1)							
National expenditure on goods and services							
at market prices							
Households	KB7K	4 931	6 962	6 964	7 669	7 058	6 125
Non-profit institutions serving households	KB7L	497	549	479	527	543	604
General government	KB7M	515	102	-677	-1 344	370	-2 185
Gross fixed capital formation	KB7N	-1 748	480	192	-266	-800	2 331
Changes in inventories	KB7O	2 150	-874	-1 285	-1 543	3 933	1 567
Acquisitions less disposals of valuables	KB7P	784	952	-481	4 315	8 635	332
Total	KB7Q	7 129	8 171	5 192	9 358	19 739	8 774
Total exports	KB7R	5 310	4 996	4 517	8 162	4 967	7 229
Total imports	KB7S	2 125	-747	2 173	7 597	8 444	2 065
Statistical discrepancy (expenditure)	KB7T	1 360	-972	375	1 584	1 557	1 614
Gross domestic product:							
income at current prices (Table D)							
Compensation of employees	KB7U	-857	-445	343	49	3 023	3 444
Gross operating surplus of corporations	KB7V	10 131	12 972	7 075	9 376	12 861	8 899
Other income	KB7W	1 836	2 314	1 568	1 670	1 882	3 581
Gross value added at factor cost	KB7X	11 110	14 841	8 986	11 095	17 766	15 924
Taxes on products & production less Subsidies	KB7Y	939	-1 382	-171	957	526	153
Statistical discrepancy (income)	KB7Z	-375	-517	-904	-545	-473	-525

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

		2020 Q1	2020 Q2	2020 Q3	2020 Q4	2021 Q1	2021 Q2
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	0.5	-0.2	0.2	0.7
Quarter on same quarter a year earlier	KB94	-	-	0.4	0.2	0.3	1.4
Percentage changes in volume							
of GVA output components (Table B1)							
GVA at basic prices quarter on quarter growth							
Agriculture, forestry and fishing	KB83	-3.5	-2.4	0.8	1.0	0.7	0.9
Mining and quarrying inc oil & gas extraction	KB84	-0.6	-0.8	0.9	-0.2	-2.0	0.7
Manufacturing	KB85	-0.4	-0.7	0.8	0.6	-	-
Electricity, gas, steam and air	KB86	0.1	-2.0	1.6	-0.6	0.9	1.9
Water supply, sewerage	KNT7	-0.4	0.1	-0.2	0.3	0.8	-0.5
Total Production	KB87	-0.4	-0.9	1.1	0.5	0.1	0.5
Construction	KB88	0.5	-1.9	-0.1	2.3	-0.1	0.5
Distribution, hotels and restaurants	KB89	0.8	-0.1	-0.2	-0.1	0.1	0.5
Transport storage and communications	KB8A	-	-0.1	-0.3	-0.1	-0.1	-0.2
Business services and finance	KB8B	-	-	0.1	-	0.4	-0.2
Government and other services	KB8C	0.5	-1.5	3.7	-0.6	0.4	3.2
Total services	KB8D	0.1	-0.3	0.9	-0.1	0.3	0.8
Total GVA	KB8E	0.2	-	0.5	-0.2	0.3	0.7
Total GVA excluding Oil	KB8F	0.2	-0.1	0.4	-0.2	0.2	0.7
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	-	0.5	0.2	-0.1	0.2	-0.1
Non-profit institutions serving households	KB8H	-0.8	1.4	-0.4	1.1	-1.3	-3.5
General government	KB8I	-1.2	-0.4	1.2	-1.9	0.5	2.0
Gross fixed capital formation	KB8J	-1.4	1.4	-0.1	-	-1.3	1.3
Total	KB8K	0.4	-	0.4	0.3	1.3	-1.3
Total exports	KB8L	0.3	-0.7	-	0.3	-1.9	3.2
Total imports	KB8M	0.8	-1.5	0.6	3.0	2.0	-4.1

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	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												
2018	L3BB -10.9	L3BG 3.5	L3BH 5.0	L3BN 3.9	L3DM 2.0	L3DQ 0.5	L3DW -2.0	L3E2 1.6	L3GP -1.4	KI8L 9.5	KI8N 0.5	KI8P 1.5
2019	15.9	3.6	1.3	3.1	12.9	-0.5	-0.1	1.6	0.6	5.4	0.2	2.6
2020	-9.1	-8.3	-19.5	-8.8	-2.1	-1.8	-16.1	-8.8	-14.2	-9.7	-5.2	-10.3
Contributions to growth												
	ZZ3V	ZZ3W	ZZ3Y	ZZ3X	ZZ3Z	ZZ42	ZZ43	ZZ44	ZZ45	ZZ46	ZZ47	ZZ48
2018	-0.07	0.47	0.04	0.40	0.03	0.01	-0.13	1.29	-0.18	0.96	0.18	0.33
2019	0.10	0.49	0.02	0.31	0.17	-0.01	-0.01	1.24	0.08	0.54	0.06	0.55
2020	-0.06	-1.13	-0.21	-0.87	-0.03	-0.02	-1.03	-6.96	-1.94	-0.98	-1.74	-2.30
Percentage change, latest quarter on previous quarter												
Growth												
2019 Q1	L3BB 6.4	L3BG 1.5	L3BH -12.5	L3BN 3.2	L3DM 4.1	L3DQ -0.4	L3DW 0.1	L3E2 0.4	L3GP 0.6	KI8L 1.6	KI8N -0.2	KI8P 0.7
Q2	4.5	-1.8	-19.8	-1.1	7.1	1.5	2.6	0.3	0.2	1.1	-0.1	0.9
Q3	11.5	-0.1	-2.9	0.2	-0.9	-0.7	-3.6	0.7	-	0.4	0.9	0.8
Q4	2.2	-0.1	-7.5	0.1	4.9	-1.2	-1.9	0.1	-0.4	-0.5	-0.2	0.9
2020 Q1	-7.7	-2.4	-4.6	-2.2	-4.4	0.6	-1.8	-2.6	-4.1	-3.1	-0.8	-3.6
Q2	-16.0	-17.4	-3.2	-21.6	-8.8	-5.4	-35.6	-18.3	-33.5	-15.9	-9.9	-23.8
Q3	6.3	17.1	0.3	22.1	9.9	4.7	41.2	16.5	50.0	10.5	4.9	23.4
Q4	1.8	2.5	-4.0	3.9	-1.4	0.9	5.0	0.9	-7.2	2.5	2.0	3.5
2021 Q1	-2.6	-0.4	-5.2	-1.0	3.4	2.9	2.2	-1.8	-7.3	-0.5	1.1	-3.7
Q2	3.1	1.0	-15.9	1.8	4.4	0.8	3.8	6.5	21.6	1.6	0.2	10.9
Contributions to growth												
	ZZ2F	ZZ2G	ZZ2I	ZZ2H	ZZ2J	ZZ2K	ZZ2L	ZZ2M	ZZ2N	ZZ2O	ZZ2P	ZZ2Q
2019 Q1	0.04	0.21	-0.20	0.32	0.06	-0.01	0.01	0.32	0.09	0.15	-0.07	0.17
Q2	0.03	-0.25	-0.28	-0.11	0.10	0.02	0.17	0.26	-	0.11	-0.01	0.17
Q3	0.08	-0.02	-0.03	0.02	-0.01	-0.01	-0.23	0.51	-	0.04	0.30	0.17
Q4	0.02	-0.01	-0.08	0.01	0.07	-0.01	-0.12	0.07	-0.02	-0.05	-0.04	0.19
2020 Q1	-0.06	-0.33	-0.04	-0.22	-0.07	0.01	-0.11	-2.04	-0.60	-0.31	-0.29	-0.86
Q2	-0.11	-2.38	-0.03	-2.15	-0.14	-0.07	-2.24	-14.59	-4.40	-1.62	-3.38	-5.20
Q3	0.05	2.39	-	2.15	0.17	0.07	2.07	13.31	5.41	1.12	1.90	4.88
Q4	0.01	0.34	-0.04	0.39	-0.02	0.01	0.30	0.74	-0.97	0.26	0.71	0.74
2021 Q1	-0.02	-0.05	-0.03	-0.10	0.05	0.03	0.13	-1.41	-0.89	-0.05	0.36	-0.87
Q2	0.02	0.12	-0.09	0.18	0.07	0.01	0.23	5.10	2.42	0.16	0.06	2.54
Percentage change, latest quarter on corresponding quarter of previous year												
Growth												
2019 Q1	L3ZZ 14.0	L426 9.5	L427 135.5	L42D 4.9	L44C 5.1	L44G -0.4	L44M 0.5	L44Q 1.5	L47F 0.8	KII2 8.5	KIH9 -0.4	KIH8 1.5
Q2	4.9	4.5	9.9	2.8	17.9	0.3	3.0	1.5	0.7	6.0	-0.1	2.5
Q3	18.4	1.3	-18.8	2.2	12.9	-1.0	-1.3	1.8	0.6	4.6	0.7	2.9
Q4	26.6	-0.5	-37.0	2.4	15.9	-0.8	-2.8	1.5	0.4	2.5	0.4	3.3
2020 Q1	9.9	-4.4	-31.3	-3.0	6.5	0.3	-4.7	-1.5	-4.3	-2.1	-0.1	-1.2
Q2	-11.7	-19.6	-17.1	-23.1	-9.3	-6.5	-40.2	-19.9	-36.5	-18.5	-9.9	-25.3
Q3	-15.8	-5.7	-14.4	-6.3	0.6	-1.4	-12.4	-7.3	-4.8	-10.3	-6.3	-8.5
Q4	-16.1	-3.4	-11.2	-2.7	-5.5	0.7	-6.3	-6.5	-11.3	-7.5	-4.3	-6.2
2021 Q1	-11.5	-1.4	-11.7	-1.5	2.1	3.0	-2.4	-5.7	-14.3	-5.1	-2.5	-6.2
Q2	8.7	20.6	-23.3	27.9	16.9	9.7	57.3	22.9	56.8	14.6	8.5	36.4
Contributions to growth												
	ZZ36	ZZ37	ZZ39	ZZ38	ZZ3A	ZZ3B	ZZ3C	ZZ3D	ZZ3E	ZZ3F	ZZ3G	ZZ3H
2019 Q1	0.08	1.25	0.84	0.49	0.07	-0.01	0.04	1.16	0.11	0.84	-0.17	0.34
Q2	0.03	0.61	0.10	0.28	0.23	-	0.19	1.21	0.09	0.62	-0.03	0.53
Q3	0.12	0.18	-0.26	0.22	0.17	-0.01	-0.08	1.40	0.07	0.47	0.25	0.62
Q4	0.17	-0.07	-0.60	0.24	0.21	-0.01	-0.18	1.17	0.07	0.25	0.17	0.71
2020 Q1	0.06	-0.61	-0.41	-0.30	0.09	-	-0.30	-1.21	-0.63	-0.21	-0.04	-0.32
Q2	-0.08	-2.68	-0.18	-2.28	-0.14	-0.08	-2.65	-15.70	-4.91	-1.90	-3.33	-5.56
Q3	-0.11	-0.78	-0.15	-0.62	0.01	-0.02	-0.79	-5.76	-0.67	-1.05	-2.13	-1.90
Q4	-0.12	-0.46	-0.10	-0.27	-0.09	0.01	-0.39	-5.15	-1.54	-0.77	-1.44	-1.41
2021 Q1	-0.07	-0.17	-0.07	-0.14	0.03	0.03	-0.14	-4.50	-1.76	-0.50	-0.79	-1.45
Q2	0.06	2.64	-0.18	2.53	0.28	0.13	2.74	18.31	5.82	1.49	3.11	8.15

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

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									
	Households	Non-profit institutions ³	General government	Gross capital formation	Gross fixed capital formation	Business investment ⁴	Total exports	less Total imports	Net trade
Percentage change, latest year on previous year									
Growth									
	KGZ5	KH26	KH2I	ZZ6H	KG7N	KG7M	KH2U	KH3N	
2018	2.1	9.0	0.4	1.0	-0.1	-2.0	2.8	3.1	
2019	1.2	2.1	4.2	-0.1	0.5	0.9	3.4	2.9	
2020	-10.5	-20.3	-6.3	-12.4	-9.1	-11.1	-14.7	-16.8	
Contributions to growth									
	ZZ6M	ZZ6N	ZZ6O	ZZ6P	ZZ6Q	ZZ6R	ZZ6S	ZZ6T	ZZ6U
2018	1.32	0.20	0.07	0.19	-0.01	-0.21	0.83	0.96	-0.13
2019	0.77	0.05	0.77	-0.01	0.10	0.09	1.02	0.93	0.09
2020	-6.47	-0.49	-1.19	-2.22	-1.61	-1.11	-4.55	-5.35	0.80
Percentage change, latest quarter on previous quarter									
Growth									
	KGZ6	KH27	KH2J	ZZ5H	KG7Q	KG7P	KH2V	KH3O	
2019 Q1	-	-3.2	3.1	16.8	1.8	1.7	-0.7	8.2	
Q2	0.8	1.8	-0.4	-15.0	-1.6	0.1	-1.7	-9.7	
Q3	-0.3	-0.7	0.1	-3.9	1.2	1.2	5.2	0.5	
Q4	-0.6	-0.7	2.6	-13.6	-1.4	-0.3	6.2	-1.0	
2020 Q1	-2.6	-6.1	-3.0	14.6	-2.6	-2.2	-14.2	-6.6	
Q2	-20.3	-22.7	-17.7	-36.0	-19.3	-21.0	-10.8	-22.6	
Q3	19.9	5.8	17.0	43.8	18.9	12.5	-0.5	15.2	
Q4	-1.8	0.2	4.8	18.9	4.4	6.0	6.4	14.0	
2021 Q1	-4.4	0.2	2.0	-2.0	-3.0	-9.3	-8.0	-11.5	
Q2	7.2	3.0	8.1	-7.2	0.8	4.5	6.2	2.4	
Contributions to growth									
	ZZ5M	ZZ5N	ZZ5O	ZZ5P	ZZ5Q	ZZ5R	ZZ5S	ZZ5T	ZZ5U
2019 Q1	0.01	-0.08	0.56	3.04	0.31	0.16	-0.20	2.64	-2.85
Q2	0.52	0.04	-0.07	-3.15	-0.28	0.01	-0.52	-3.38	2.86
Q3	-0.18	-0.02	0.01	-0.70	0.21	0.12	1.55	0.17	1.37
Q4	-0.40	-0.02	0.48	-2.33	-0.25	-0.03	1.93	-0.33	2.26
2020 Q1	-1.59	-0.15	-0.58	2.17	-0.45	-0.22	-4.68	-2.05	-2.63
Q2	-12.47	-0.53	-3.37	-6.33	-3.38	-2.12	-3.14	-6.70	3.56
Q3	12.13	0.13	3.30	6.12	3.32	1.24	-0.16	4.32	-4.48
Q4	-1.11	-	0.93	3.23	0.79	0.57	1.75	3.91	-2.16
2021 Q1	-2.54	-	0.46	-0.40	-0.53	-0.89	-2.18	-3.40	1.21
Q2	4.01	0.07	1.93	-1.39	0.15	0.40	1.59	0.64	0.95
Percentage change, latest quarter on corresponding quarter of previous year									
Growth									
	KGZ7	KH28	KH2K	ZZ5Y	KG7T	KG7S	KH2W	KH3P	
2019 Q1	1.6	5.4	4.3	22.4	1.8	-1.6	0.9	12.2	
Q2	2.3	4.7	3.7	-1.2	-0.1	0.2	-0.3	0.9	
Q3	1.2	1.3	3.5	-3.0	0.6	2.5	3.6	1.7	
Q4	-0.1	-2.8	5.4	-17.6	-0.1	2.7	9.1	-2.8	
2020 Q1	-2.7	-5.8	-0.9	-19.1	-4.4	-1.2	-5.8	-16.1	
Q2	-23.1	-28.4	-18.1	-39.2	-21.6	-22.0	-14.4	-28.1	
Q3	-7.5	-23.7	-4.3	-9.0	-7.9	-13.3	-19.1	-17.7	
Q4	-8.5	-23.0	-2.2	25.3	-2.4	-7.9	-18.9	-5.1	
2021 Q1	-10.3	-17.8	2.9	7.1	-2.8	-14.6	-13.1	-10.1	
Q2	20.7	9.5	35.2	55.4	21.4	12.9	3.5	19.1	
Contributions to growth									
	ZZ65	ZZ66	ZZ67	ZZ68	ZZ69	ZZ6A	ZZ6B	ZZ6C	ZZ6D
2019 Q1	0.99	0.13	0.79	3.93	0.33	-0.16	0.28	3.86	-3.58
Q2	1.44	0.11	0.68	-0.22	-0.02	0.02	-0.09	0.28	-0.37
Q3	0.73	0.03	0.64	-0.53	0.11	0.25	1.11	0.54	0.57
Q4	-0.06	-0.07	0.98	-3.19	-0.02	0.27	2.78	-0.92	3.69
2020 Q1	-1.66	-0.14	-0.16	-4.07	-0.79	-0.12	-1.74	-5.57	3.82
Q2	-14.37	-0.70	-3.39	-7.07	-3.81	-2.20	-4.28	-8.76	4.48
Q3	-4.63	-0.57	-0.80	-1.55	-1.41	-1.34	-5.93	-5.51	-0.42
Q4	-5.25	-0.55	-0.42	3.77	-0.42	-0.79	-6.25	-1.59	-4.66
2021 Q1	-6.01	-0.50	0.63	1.21	-0.47	-1.42	-3.62	-2.80	-0.82
Q2	11.99	0.25	7.83	7.48	3.62	1.23	1.08	5.11	-4.03

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

4 Whilst quality assuring the business investment dataset, a discrepancy was found where annual Non-Seasonally Adjusted CVM data does not equal annual Seasonally Adjusted CVM data for the years 1997 to 2019. This issue affects Business Investment and its component assets. The largest difference in any given year is -£9m in business investment and -£13m in the sub-components. The correct data series to use for the annual timeline is the Non-Seasonally Adjusted series, NPEN.

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				
	KGI3	KH4V	KH6T	KH65
2018	4.1	2.3	4.8	3.0
2019	4.8	3.3	2.4	2.4
2020	2.6	-1.0	-1.9	-49.7
Contributions to growth				
	ZZ7H	ZZ7I	ZZ7J	ZZ7K
2018	1.96	0.52	0.86	0.36
2019	2.28	0.72	0.43	0.28
2020	1.28	-0.21	-0.34	-5.84
Percentage change, latest quarter on previous quarter				
Growth				
	KGI4	KH4W	KH6U	KH66
2019 Q1	0.1	4.5	0.7	0.3
Q2	1.7	-2.8	-	4.7
Q3	1.1	5.5	-0.9	-2.6
Q4	0.6	-1.5	0.8	-1.3
2020 Q1	0.9	-1.0	-1.0	-8.7
Q2	-2.9	-5.0	-2.4	-101.4
Q3	3.9	7.3	2.0	-4 279.9
Q4	2.4	-2.0	-1.1	11.8
2021 Q1	0.5	5.2	1.6	-10.6
Q2	1.8	-0.8	1.6	32.5
Contributions to growth				
	ZZ6Z	ZZ72	ZZ73	ZZ74
2019 Q1	0.04	0.99	0.13	0.04
Q2	0.86	-0.65	0.01	0.57
Q3	0.51	1.14	-0.15	-0.30
Q4	0.51	-0.61	0.26	-0.26
2020 Q1	0.43	-0.22	-0.18	-1.04
Q2	-1.43	-1.10	-0.43	-10.79
Q3	2.17	1.74	0.40	7.34
Q4	1.23	-0.44	-0.20	0.74
2021 Q1	0.23	1.12	0.26	-0.73
Q2	0.95	-0.19	0.28	2.03
Percentage change, latest quarter on corresponding quarter of previous year				
Growth				
	KGI5	KH4X	KH6V	KH67
2019 Q1	4.6	1.9	4.6	4.3
Q2	6.0	0.7	3.0	1.9
Q3	4.9	4.9	1.4	2.4
Q4	3.5	5.6	0.7	1.0
2020 Q1	4.3	0.1	-1.0	-8.1
Q2	-0.4	-2.2	-3.4	-101.2
Q3	2.4	-0.6	-0.6	-47.1
Q4	4.2	-1.1	-2.6	-40.1
2021 Q1	3.8	5.1	-0.1	-41.4
Q2	8.8	9.7	4.0	-5 632.9
Contributions to growth				
	ZZ79	ZZ7A	ZZ7B	ZZ7C
2019 Q1	2.23	0.44	0.82	0.51
Q2	2.88	0.15	0.54	0.23
Q3	2.38	1.08	0.25	0.28
Q4	1.68	1.18	0.12	0.12
2020 Q1	2.14	0.01	-0.18	-0.98
Q2	-0.19	-0.47	-0.61	-12.27
Q3	1.15	-0.14	-0.11	-5.50
Q4	2.11	-0.24	-0.46	-4.70
2021 Q1	1.95	1.15	-0.01	-4.50
Q2	4.92	2.33	0.79	9.66

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						
	House- holds	Non-prof- it instit- utions ²	General govern- ment	Gross capital formation	Gross fixed capital formation	Total exports	less Total imports
Percentage change, latest year on previous year							
	ZZ93	ZZ94	ZZ95	ZZ96	ZZ97	ZZ98	ZZ99
2018	2.0	1.5	2.3	1.3	2.3	2.4	2.2
2019	1.3	1.8	2.0	3.0	2.8	2.0	1.1
2020	0.8	26.7	21.0	2.3	1.7	0.7	-0.4
Percentage change, latest quarter on previous quarter							
	ZZ8N	ZZ8O	ZZ8P	ZZ8Q	ZZ8R	ZZ8S	ZZ8T
2019 Q1	0.3	-1.0	-1.3	1.4	0.6	-0.2	-1.1
Q2	0.3	-0.5	0.1	3.1	1.1	1.0	1.5
Q3	0.3	2.2	3.8	0.1	0.4	0.6	1.2
Q4	-	2.1	-0.5	-1.5	0.1	-0.9	-1.8
2020 Q1	0.7	6.4	2.1	2.0	0.4	1.3	-0.6
Q2	-0.5	27.9	37.9	6.4	1.0	-1.5	-0.2
Q3	0.4	-5.7	-14.9	-9.0	-	0.8	0.7
Q4	-0.3	-0.1	-1.8	4.2	0.1	1.4	1.3
2021 Q1	1.2	0.9	2.1	3.8	0.8	1.3	0.1
Q2	0.7	-1.2	-10.3	-0.4	0.3	0.7	1.0
Percentage change, latest quarter on corresponding quarter of previous year							
	ZZ8U	ZZ8V	ZZ8W	ZZ8X	ZZ8Y	ZZ8Z	ZZ92
2019 Q1	1.4	1.6	0.4	1.1	2.5	3.3	1.8
Q2	1.4	0.9	1.7	4.1	3.4	2.3	1.6
Q3	1.5	1.9	3.7	4.2	3.2	1.9	1.6
Q4	0.9	2.8	2.1	3.1	2.3	0.5	-0.2
2020 Q1	1.4	10.4	5.6	3.7	2.1	1.9	0.2
Q2	0.6	41.9	45.4	7.0	2.0	-0.6	-1.4
Q3	0.7	31.0	19.3	-2.7	1.5	-0.4	-1.9
Q4	0.4	28.2	17.7	2.8	1.4	2.0	1.2
2021 Q1	0.9	21.5	17.7	4.6	1.9	2.0	1.9
Q2	2.1	-6.1	-23.5	-2.0	1.2	4.3	3.2

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 inc oil & gas extract	Manu- facturing	Electric, gas, steam & air	Water supply, sewerage	Constr- uction	Total Services	Distri- bution, hotels & restaurants	Transport, storage and commu- nications	Business services and finance	Govern- ment & other services
Percentage change, latest year on previous year												
Current estimates³												
	L3BB	L3BG	L3BH	L3BN	L3DM	L3DQ	L3DW	L3E2	L3GP	KI8L	KI8N	KI8P
2018	-10.9	3.5	5.0	3.9	2.0	0.5	-2.0	1.6	-1.4	9.5	0.5	1.5
2019	15.9	3.6	1.3	3.1	12.9	-0.5	-0.1	1.6	0.6	5.4	0.2	2.6
2020	-9.1	-8.3	-19.5	-8.8	-2.1	-1.8	-16.1	-8.8	-14.2	-9.7	-5.2	-10.3
Previous estimates²												
	A2EQ	A2ER	A2ET	A2ES	A2EU	A2EV	A2EW	A2EY	A2F2	A2F3	A2F4	A2F5
2018	-3.3	0.9	5.3	1.1	-1.2	-1.4	-	1.6	2.8	3.4	1.1	0.6
2019	6.3	-1.2	-0.9	-1.8	1.1	0.4	1.8	1.8	2.5	5.2	0.6	1.7
2020	-9.3	-8.0	-7.6	-9.5	-4.0	-1.3	-14.0	-9.0	-14.5	-9.2	-5.3	-11.0
Revisions												
	ZZ52	ZZ53	ZZ55	ZZ54	ZZ56	ZZ57	ZZ58	ZZ59	ZZ5A	ZZ5B	ZZ5C	ZZ5D
2018	-7.6	2.6	-0.3	2.8	3.2	1.9	-2.0	-	-4.2	6.1	-0.6	0.9
2019	9.6	4.8	2.2	4.9	11.8	-0.9	-1.9	-0.2	-1.9	0.2	-0.4	0.9
2020	0.2	-0.3	-11.9	0.7	1.9	-0.5	-2.1	0.2	0.3	-0.5	0.1	0.7
Percentage change, latest quarter on previous quarter												
Current estimates³												
	L3BB	L3BG	L3BH	L3BN	L3DM	L3DQ	L3DW	L3E2	L3GP	KI8L	KI8N	KI8P
2019 Q1	6.4	1.5	-12.5	3.2	4.1	-0.4	0.1	0.4	0.6	1.6	-0.2	0.7
Q2	4.5	-1.8	-19.8	-1.1	7.1	1.5	2.6	0.3	0.2	1.1	-0.1	0.9
Q3	11.5	-0.1	-2.9	0.2	-0.9	-0.7	-3.6	0.7	-	0.4	0.9	0.8
Q4	2.2	-0.1	-7.5	0.1	4.9	-1.2	-1.9	0.1	-0.4	-0.5	-0.2	0.9
2020 Q1	-7.7	-2.4	-4.6	-2.2	-4.4	0.6	-1.8	-2.6	-4.1	-3.1	-0.8	-3.6
Q2	-16.0	-17.4	-3.2	-21.6	-8.8	-5.4	-35.6	-18.3	-33.5	-15.9	-9.9	-23.8
Q3	6.3	17.1	0.3	22.1	9.9	4.7	41.2	16.5	50.0	10.5	4.9	23.4
Q4	1.8	2.5	-4.0	3.9	-1.4	0.9	5.0	0.9	-7.2	2.5	2.0	3.5
2021 Q1	-2.6	-0.4	-5.2	-1.0	3.4	2.9	2.2	-1.8	-7.3	-0.5	1.1	-3.7
Q2	3.1	1.0	-15.9	1.8	4.4	0.8	3.8	6.5	21.6	1.6	0.2	10.9
Previous estimates²												
	A2CX	A2CY	A2DO	A2DL	A2DR	A2DS	A2DT	A2DU	A2DV	A2DW	A2DX	A2DY
2019 Q1	1.8	1.2	-0.3	1.6	0.7	-	1.6	0.4	0.8	1.8	-0.3	0.4
Q2	1.8	-1.5	-1.9	-2.5	3.6	1.9	-0.1	0.2	0.3	0.7	-0.1	0.5
Q3	2.4	-0.7	2.4	-0.7	-2.7	-0.5	0.2	0.6	0.1	0.8	0.8	0.5
Q4	1.2	-0.3	-1.9	-0.5	3.4	-1.1	-1.8	0.2	-0.1	-0.2	-	0.8
2020 Q1	-4.2	-2.0	-4.0	-1.8	-4.5	1.0	-2.3	-2.7	-4.9	-3.1	-0.8	-4.1
Q2	-13.6	-16.5	-2.4	-20.9	-6.8	-5.5	-33.7	-18.0	-33.4	-15.8	-9.9	-22.3
Q3	5.5	16.0	-0.6	21.3	8.3	4.9	41.3	15.6	50.2	10.8	4.8	19.7
Q4	0.8	2.0	-3.8	3.3	-0.8	0.6	2.7	1.0	-7.1	2.7	2.0	4.1
2021 Q1	-3.3	-0.5	-3.2	-1.0	2.5	2.1	2.3	-2.1	-7.4	-0.4	0.7	-4.1
Q2	2.2	0.5	-16.6	1.8	2.5	1.3	3.3	5.7	21.1	1.8	0.4	7.7
Revisions												
	ZZ4A	ZZ4B	ZZ4D	ZZ4C	ZZ4E	ZZ4F	ZZ4G	ZZ4H	ZZ4I	ZZ4J	ZZ4K	ZZ4L
2019 Q1	4.6	0.3	-12.2	1.6	3.4	-0.4	-1.5	-	-0.2	-0.2	0.1	0.3
Q2	2.7	-0.3	-17.9	1.4	3.5	-0.4	2.7	0.1	-0.1	0.4	-	0.4
Q3	9.1	0.6	-5.3	0.9	1.8	-0.2	-3.8	0.1	-0.1	-0.4	0.1	0.3
Q4	1.0	0.2	-5.6	0.6	1.5	-0.1	-0.1	-0.1	-0.3	-0.3	-0.2	0.1
2020 Q1	-3.5	-0.4	-0.6	-0.4	0.1	-0.4	0.5	0.1	0.8	-	-	0.5
Q2	-2.4	-0.9	-0.8	-0.7	-2.0	0.1	-1.9	-0.3	-0.1	-0.1	-	-1.5
Q3	0.8	1.1	0.9	0.8	1.6	-0.2	-0.1	0.9	-0.2	-0.3	0.1	3.7
Q4	1.0	0.5	-0.2	0.6	-0.6	0.3	2.3	-0.1	-0.1	-0.2	-	-0.6
2021 Q1	0.7	0.1	-2.0	-	0.9	0.8	-0.1	0.3	0.1	-0.1	0.4	0.4
Q2	0.9	0.5	0.7	-	1.9	-0.5	0.5	0.8	0.5	-0.2	-0.2	3.2

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

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

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

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

continued

Seasonally adjusted data

Reference year 2019

	Agri- culture, forestry, and fishing	Total Production	Mining & quarrying inc oil & gas extract	Manu- facturing	Electric, gas, steam & air	Water supply, sewerage	Constr- uction	Total Services	Distri- bution, 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
2019 Q1	14.0	9.5	135.5	4.9	5.1	-0.4	0.5	1.5	0.8	8.5	-0.4	1.5
Q2	4.9	4.5	9.9	2.8	17.9	0.3	3.0	1.5	0.7	6.0	-0.1	2.5
Q3	18.4	1.3	-18.8	2.2	12.9	-1.0	-1.3	1.8	0.6	4.6	0.7	2.9
Q4	26.6	-0.5	-37.0	2.4	15.9	-0.8	-2.8	1.5	0.4	2.5	0.4	3.3
2020 Q1	9.9	-4.4	-31.3	-3.0	6.5	0.3	-4.7	-1.5	-4.3	-2.1	-0.1	-1.2
Q2	-11.7	-19.6	-17.1	-23.1	-9.3	-6.5	-40.2	-19.9	-36.5	-18.5	-9.9	-25.3
Q3	-15.8	-5.7	-14.4	-6.3	0.6	-1.4	-12.4	-7.3	-4.8	-10.3	-6.3	-8.5
Q4	-16.1	-3.4	-11.2	-2.7	-5.5	0.7	-6.3	-6.5	-11.3	-7.5	-4.3	-6.2
2021 Q1	-11.5	-1.4	-11.7	-1.5	2.1	3.0	-2.4	-5.7	-14.3	-5.1	-2.5	-6.2
Q2	8.7	20.6	-23.3	27.9	16.9	9.7	57.3	22.9	56.8	14.6	8.5	36.4
Previous estimates²												
	A2DZ	A2E2	A2E4	A2E3	A2E5	A2EE	A2EK	A2EL	A2EM	A2EN	A2EO	A2EP
2019 Q1	3.7	-0.1	3.9	0.3	-4.6	-0.4	3.6	2.1	4.3	6.7	0.5	1.0
Q2	6.2	-1.3	-2.3	-2.2	4.3	1.3	2.2	1.9	2.7	6.1	0.5	1.6
Q3	8.0	-2.2	-3.2	-2.8	0.2	0.3	1.5	1.8	1.7	5.2	0.9	1.8
Q4	7.3	-1.2	-1.7	-2.3	4.9	0.3	-	1.4	1.2	3.0	0.4	2.2
2020 Q1	1.0	-4.4	-5.4	-5.6	-0.5	1.3	-3.8	-1.7	-4.6	-1.9	-0.1	-2.3
Q2	-14.3	-19.0	-5.9	-23.4	-10.5	-6.1	-36.2	-19.6	-36.7	-18.0	-10.0	-24.4
Q3	-11.7	-5.4	-8.6	-6.3	-0.4	-1.0	-10.0	-7.6	-5.0	-9.8	-6.4	-10.0
Q4	-11.9	-3.2	-10.4	-2.7	-4.4	0.8	-5.9	-6.8	-11.7	-7.2	-4.5	-7.1
2021 Q1	-11.2	-1.7	-9.7	-1.9	2.6	1.9	-1.5	-6.2	-13.9	-4.6	-3.1	-7.1
Q2	5.1	18.3	-22.8	26.3	12.9	9.2	53.3	21.0	56.5	15.3	8.0	28.7
Revisions												
	ZZ4N	ZZ4O	ZZ4Q	ZZ4P	ZZ4R	ZZ4S	ZZ4T	ZZ4U	ZZ4V	ZZ4W	ZZ4X	ZZ4Y
2019 Q1	10.3	9.6	131.6	4.6	9.7	-	-3.1	-0.6	-3.5	1.8	-0.9	0.5
Q2	-1.3	5.8	12.2	5.0	13.6	-1.0	0.8	-0.4	-2.0	-0.1	-0.6	0.9
Q3	10.4	3.5	-15.6	5.0	12.7	-1.3	-2.8	-	-1.1	-0.6	-0.2	1.1
Q4	19.3	0.7	-35.3	4.7	11.0	-1.1	-2.8	0.1	-0.8	-0.5	-	1.1
2020 Q1	8.9	-	-25.9	2.6	7.0	-1.0	-0.9	0.2	0.3	-0.2	-	1.1
Q2	2.6	-0.6	-11.2	0.3	1.2	-0.4	-4.0	-0.3	0.2	-0.5	0.1	-0.9
Q3	-4.1	-0.3	-5.8	-	1.0	-0.4	-2.4	0.3	0.2	-0.5	0.1	1.5
Q4	-4.2	-0.2	-0.8	-	-1.1	-0.1	-0.4	0.3	0.4	-0.3	0.2	0.9
2021 Q1	-0.3	0.3	-2.0	0.4	-0.5	1.1	-0.9	0.5	-0.4	-0.5	0.6	0.9
Q2	3.6	2.3	-0.5	1.6	4.0	0.5	4.0	1.9	0.3	-0.7	0.5	7.7

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				Gross Capital Formation	Gross Fixed Capital Formation	Business investment ⁵	Total exports	less Total imports
	Households	Non-profit institutions ³	General government						
Percentage change, latest year on previous year									
Current estimates ⁴									
	KGZ5	KH26	KH2I	ZZ6H	KG7N	KG7M	KH2U	KH3N	
2018	2.1	9.0	0.4	1.0	-0.1	-2.0	2.8	3.1	
2019	1.2	2.1	4.2	-0.1	0.5	0.9	3.4	2.9	
2020	-10.5	-20.3	-6.3	-12.4	-9.1	-11.1	-14.7	-16.8	
Previous estimates ²									
	A275	A276	A289	A28J	A28L	A29D	A29F	A2CK	
2018	1.3	5.6	0.6	0.9	0.4	-2.5	3.0	2.7	
2019	1.1	1.5	4.0	1.2	1.5	1.1	2.7	2.7	
2020	-10.6	-19.1	-6.5	-13.3	-8.8	-10.2	-15.8	-17.8	
Revisions									
	ZZ83	ZZ84	ZZ85	ZZ86	ZZ87	ZZ88	ZZ89	ZZ8A	
2018	0.8	3.4	-0.2	0.1	-0.5	0.5	-0.2	0.4	
2019	0.1	0.6	0.2	-1.3	-1.0	-0.2	0.7	0.2	
2020	0.1	-1.2	0.2	0.9	-0.3	-0.9	1.1	1.0	
Percentage change, latest quarter on previous quarter									
Current estimates ⁴									
	KGZ6	KH27	KH2J	ZZ5H	KG7Q	KG7P	KH2V	KH3O	
2019 Q1	-	-3.2	3.1	16.8	1.8	1.7	-0.7	8.2	
Q2	0.8	1.8	-0.4	-15.0	-1.6	0.1	-1.7	-9.7	
Q3	-0.3	-0.7	0.1	-3.9	1.2	1.2	5.2	0.5	
Q4	-0.6	-0.7	2.6	-13.6	-1.4	-0.3	6.2	-1.0	
2020 Q1	-2.6	-6.1	-3.0	14.6	-2.6	-2.2	-14.2	-6.6	
Q2	-20.3	-22.7	-17.7	-36.0	-19.3	-21.0	-10.8	-22.6	
Q3	19.9	5.8	17.0	43.8	18.9	12.5	-0.5	15.2	
Q4	-1.8	0.2	4.8	18.9	4.4	6.0	6.4	14.0	
2021 Q1	-4.4	0.2	2.0	-2.0	-3.0	-9.3	-8.0	-11.5	
Q2	7.2	3.0	8.1	-7.2	0.8	4.5	6.2	2.4	
Previous estimates ²									
	A24M	A24X	A24Y	A25I	A25J	A25M	A264	A268	
2019 Q1	-	0.2	1.4	15.4	2.1	1.3	-1.2	6.5	
Q2	0.6	-1.4	2.3	-15.7	-1.1	0.5	-0.8	-9.0	
Q3	0.1	1.8	-0.9	-3.4	1.3	1.4	5.3	1.5	
Q4	-0.3	1.3	-	-10.9	-1.6	-0.2	3.8	-3.1	
2020 Q1	-2.6	-5.3	-1.8	10.4	-1.2	-0.4	-14.5	-7.4	
Q2	-20.8	-24.1	-17.3	-34.7	-20.7	-22.5	-10.1	-21.1	
Q3	19.7	6.2	15.8	43.5	19.0	13.2	-0.5	14.6	
Q4	-1.7	-0.9	6.7	14.3	4.4	5.9	6.1	11.0	
2021 Q1	-4.6	1.5	1.5	-8.3	-1.7	-10.7	-6.1	-13.5	
Q2	7.3	6.5	6.1	0.4	-0.5	2.4	3.0	6.5	
Revisions									
	ZZ7L	ZZ7M	ZZ7N	ZZ7O	ZZ7P	ZZ7Q	ZZ7R	ZZ7S	
2019 Q1	-	-3.4	1.7	1.4	-0.3	0.4	0.5	1.7	
Q2	0.2	3.2	-2.7	0.7	-0.5	-0.4	-0.9	-0.7	
Q3	-0.4	-2.5	1.0	-0.5	-0.1	-0.2	-0.1	-1.0	
Q4	-0.3	-2.0	2.6	-2.7	0.2	-0.1	2.4	2.1	
2020 Q1	-	-0.8	-1.2	4.2	-1.4	-1.8	0.3	0.8	
Q2	0.5	1.4	-0.4	-1.3	1.4	1.5	-0.7	-1.5	
Q3	0.2	-0.4	1.2	0.3	-0.1	-0.7	-	0.6	
Q4	-0.1	1.1	-1.9	4.6	-	0.1	0.3	3.0	
2021 Q1	0.2	-1.3	0.5	6.3	-1.3	1.4	-1.9	2.0	
Q2	-0.1	-3.5	2.0	-7.6	1.3	2.1	3.2	-4.1	

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 Whilst quality assuring the business investment dataset, a discrepancy was found where annual Non-Seasonally Adjusted CVM data does not equal annual Seasonally Adjusted CVM data for the years 1997 to 2019. This issue affects Business Investment and its component assets. The largest difference in any given year is -£9m in business investment and -£13m in the sub-components. The correct data series to use for the annual timeline is the Non-Seasonally Adjusted series, NPEN.

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							
	House-holds	Non-prof- it instit- utions ³	General govern- ment	Gross capital formation	Gross fixed capital formation	Business investme nt ⁵	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
2019 Q1	1.6	5.4	4.3	22.4	1.8	-1.6	0.9	12.2
Q2	2.3	4.7	3.7	-1.2	-0.1	0.2	-0.3	0.9
Q3	1.2	1.3	3.5	-3.0	0.6	2.5	3.6	1.7
Q4	-0.1	-2.8	5.4	-17.6	-0.1	2.7	9.1	-2.8
2020 Q1	-2.7	-5.8	-0.9	-19.1	-4.4	-1.2	-5.8	-16.1
Q2	-23.1	-28.4	-18.1	-39.2	-21.6	-22.0	-14.4	-28.1
Q3	-7.5	-23.7	-4.3	-9.0	-7.9	-13.3	-19.1	-17.7
Q4	-8.5	-23.0	-2.2	25.3	-2.4	-7.9	-18.9	-5.1
2021 Q1	-10.3	-17.8	2.9	7.1	-2.8	-14.6	-13.1	-10.1
Q2	20.7	9.5	35.2	55.4	21.4	12.9	3.5	19.1
Previous estimates²								
	A26C	A26H	A26I	A26J	A26K	A26L	A26M	A26N
2019 Q1	1.2	1.9	3.1	24.0	2.3	-1.6	-0.3	11.9
Q2	1.6	0.6	5.8	0.2	1.1	0.2	0.5	1.9
Q3	1.2	1.5	4.3	-1.8	2.1	3.0	3.1	2.3
Q4	0.3	1.9	2.8	-16.2	0.6	3.0	7.2	-4.7
2020 Q1	-2.3	-3.7	-0.4	-19.9	-2.5	1.2	-7.3	-17.1
Q2	-23.0	-25.9	-19.5	-37.9	-21.8	-21.9	-16.0	-28.1
Q3	-7.9	-22.6	-6.0	-7.8	-8.2	-12.8	-20.6	-18.9
Q4	-9.2	-24.3	0.3	18.3	-2.6	-7.4	-18.9	-7.1
2021 Q1	-11.0	-18.9	3.7	-1.8	-3.2	-16.9	-10.8	-13.2
Q2	20.5	13.8	32.9	51.0	21.4	9.7	2.2	17.2
Revisions								
	ZZ7T	ZZ7U	ZZ7V	ZZ7W	ZZ7X	ZZ7Y	ZZ7Z	ZZ82
2019 Q1	0.4	3.5	1.2	-1.6	-0.5	-	1.2	0.3
Q2	0.7	4.1	-2.1	-1.4	-1.2	-	-0.8	-1.0
Q3	-	-0.2	-0.8	-1.2	-1.5	-0.5	0.5	-0.6
Q4	-0.4	-4.7	2.6	-1.4	-0.7	-0.3	1.9	1.9
2020 Q1	-0.4	-2.1	-0.5	0.8	-1.9	-2.4	1.5	1.0
Q2	-0.1	-2.5	1.4	-1.3	0.2	-0.1	1.6	-
Q3	0.4	-1.1	1.7	-1.2	0.3	-0.5	1.5	1.2
Q4	0.7	1.3	-2.5	7.0	0.2	-0.5	-	2.0
2021 Q1	0.7	1.1	-0.8	8.9	0.4	2.3	-2.3	3.1
Q2	0.2	-4.3	2.3	4.4	-	3.2	1.3	1.9

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 Whilst quality assuring the business investment dataset, a discrepancy was found where annual Non-Seasonally Adjusted CVM data does not equal annual Seasonally Adjusted CVM data for the years 1997 to 2019. This issue affects Business Investment and its component assets. The largest difference in any given year is -£9m in business investment and -£13m in the sub-components. The correct data series to use for the annual timeline is the Non-Seasonally Adjusted series, NPEN.

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
2018	4.1	2.3	4.8	3.0
2019	4.8	3.3	2.4	2.4
2020	2.6	-1.0	-1.9	-49.7
Previous estimates²				
	A2CT	A2CU	A2CV	A2CW
2018	4.1	2.3	3.9	2.9
2019	4.8	1.6	3.2	2.4
2020	2.6	-2.6	-2.2	-49.8
Revisions				
	ZZ8J	ZZ8K	ZZ8L	ZZ8M
2018	-	-	0.9	0.1
2019	-	1.7	-0.8	-
2020	-	1.6	0.3	0.1
Percentage change, latest quarter on previous quarter				
Current estimates³				
	KGI4	KH4W	KH6U	KH66
2019 Q1	0.1	4.5	0.7	0.3
Q2	1.7	-2.8	-	4.7
Q3	1.1	5.5	-0.9	-2.6
Q4	0.6	-1.5	0.8	-1.3
2020 Q1	0.9	-1.0	-1.0	-8.7
Q2	-2.9	-5.0	-2.4	-101.4
Q3	3.9	7.3	2.0	-4 279.9
Q4	2.4	-2.0	-1.1	11.8
2021 Q1	0.5	5.2	1.6	-10.6
Q2	1.8	-0.8	1.6	32.5
Previous estimates²				
	A2CL	A2CM	A2CN	A2CO
2019 Q1	0.2	5.7	1.2	-1.2
Q2	2.2	-5.2	-0.4	5.5
Q3	1.0	5.3	-0.4	-1.9
Q4	0.9	-1.5	0.8	-2.0
2020 Q1	0.7	-2.0	-1.3	-10.1
Q2	-3.0	-7.9	-3.0	-99.1
Q3	3.6	13.8	2.8	6 389.9
Q4	2.5	-4.0	-1.3	8.5
2021 Q1	-0.6	2.6	1.4	-9.7
Q2	1.7	2.5	-0.1	34.1
Revisions				
	ZZ8B	ZZ8C	ZZ8D	ZZ8E
2019 Q1	-0.1	-1.2	-0.5	1.5
Q2	-0.5	2.4	0.4	-0.8
Q3	0.1	0.2	-0.5	-0.7
Q4	-0.3	-	-	0.7
2020 Q1	0.2	1.0	0.3	1.4
Q2	0.1	2.9	0.6	-2.3
Q3	0.3	-6.5	-0.8	-10 669.8
Q4	-0.1	2.0	0.2	3.3
2021 Q1	1.1	2.6	0.2	-0.9
Q2	0.1	-3.3	1.7	-1.6

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

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

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

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

	Compen- sation of employees	Gross operating surplus of corporations	Other income	Taxes on products & production less subsidies
Percentage change, latest quarter on corresponding quarter of previous year				
Current estimates³				
	KGI5	KH4X	KH6V	KH67
2019 Q1	4.6	1.9	4.6	4.3
Q2	6.0	0.7	3.0	1.9
Q3	4.9	4.9	1.4	2.4
Q4	3.5	5.6	0.7	1.0
2020 Q1	4.3	0.1	-1.0	-8.1
Q2	-0.4	-2.2	-3.4	-101.2
Q3	2.4	-0.6	-0.6	-47.1
Q4	4.2	-1.1	-2.6	-40.1
2021 Q1	3.8	5.1	-0.1	-41.4
Q2	8.8	9.7	4.0	-5 632.9
Previous estimates²				
	A2CP	A2CQ	A2CR	A2CS
2019 Q1	4.2	2.0	6.2	3.1
Q2	5.7	-1.6	3.7	3.5
Q3	4.9	2.2	2.0	2.8
Q4	4.4	3.9	1.1	0.2
2020 Q1	4.9	-3.7	-1.4	-8.8
Q2	-0.4	-6.5	-3.9	-99.2
Q3	2.1	1.1	-0.7	-47.2
Q4	3.7	-1.5	-2.7	-41.6
2021 Q1	2.4	3.2	-0.1	-41.3
Q2	7.4	14.8	2.8	8 420.8
Revisions				
	ZZ8F	ZZ8G	ZZ8H	ZZ8I
2019 Q1	0.4	-0.1	-1.6	1.2
Q2	0.3	2.3	-0.7	-1.6
Q3	-	2.7	-0.6	-0.4
Q4	-0.9	1.7	-0.4	0.8
2020 Q1	-0.6	3.8	0.4	0.7
Q2	-	4.3	0.5	-2.0
Q3	0.3	-1.7	0.1	0.1
Q4	0.5	0.4	0.1	1.5
2021 Q1	1.4	1.9	-	-0.1
Q2	1.4	-5.1	1.2	-14 053.7

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)