

Statistical bulletin

# GDP quarterly national accounts, UK: April to June 2022

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



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# 1 . Main points

- UK gross domestic product (GDP) is estimated to have increased by 0.2% in Quarter 2 (Apr to June) 2022, upwardly revised from a first estimate contraction of 0.1%.
- Services output are estimated to have increased by 0.2% in Quarter 2 2022, reflecting an easing in information and communication, and professional, scientific and technical activities output; there was also continued weakness in the wholesale and retail trade, and health industries.
- Estimates show that UK GDP contracted by a downwardly revised 11.0% in 2020, reflecting the effects of coronavirus (COVID-19) restrictions, while UK GDP is now estimated to have expanded by an upwardly revised 7.5% in 2021.
- The level of real GDP is now estimated to be 0.2% below where it was pre-coronavirus at Quarter 4 (Oct to Dec) 2019, downwardly revised from previous estimates of 0.6% above.
- The implied GDP deflator rose by 5.2% in the year to Quarter 2 2022, primarily driven by an 8.2% increase in the implied price of household consumption; there was a 6.0% rise in the implied price of imports, including the effects of higher gas prices over the quarter.
- While falling to 7.6% in Quarter 2 2022, our Blue Book 2022-consistent saving ratio suggests that households have saved more of their incomes during and after the coronavirus pandemic than we previously estimated.
- This release contains data that are consistent with the UK National Accounts: Blue Book 2022, which will be released on 31 October 2022, 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 [Section 6: Revisions to GDP](#).

## 2 . Headline GDP figures

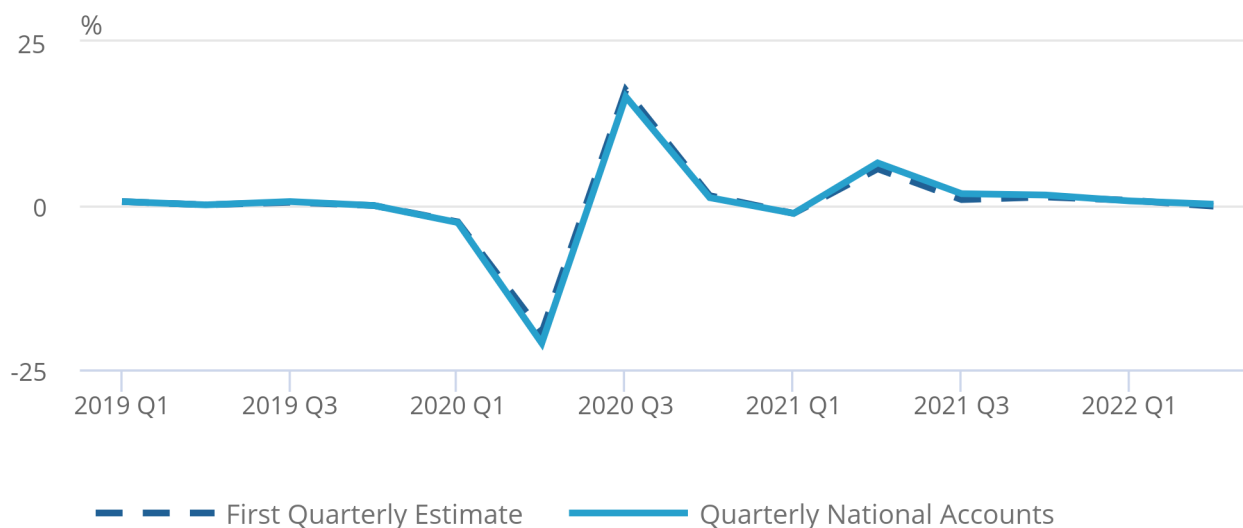
UK gross domestic product (GDP) is estimated to have increased by 0.2% in Quarter 2 (Apr to June) 2022, revised up from a first quarterly estimate of a 0.1% fall. Nominal GDP rose by an upwardly revised 1.4% in Quarter 2 2022, from a first quarterly estimate of 1.1%. An indicative monthly real GDP path consistent with these quarterly figures can be found in the [associated dataset](#).

**Figure 1: Revised estimates show that growth in the latest quarter was upwardly revised to 0.2%, however, the economy continues to slow**

UK, real GDP, percentage growth, Quarter 1 (Jan to Mar) 2019 to Quarter 2 (Apr to June) 2022

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UK, real GDP, percentage growth, Quarter 1 (Jan to Mar) 2019 to Quarter 2 (Apr to June) 2022



Source: Office for National Statistics – GDP quarterly national accounts

Notes:

1. Q1 refers to Quarter 1 (Jan to Mar), Q2 refers to Quarter 2 (Apr to June), Q3 refers to Quarter 3 (July to Sept) and Q4 refers to Quarter 4 (Oct to Dec).
2. This release sees revisions to the course of 2020, 2021 and 2022 because of the introduction of comprehensive changes as part of our annual Blue Book, and in line with the [National Accounts revision policy](#). For more information, see the revisions to GDP section.

UK GDP is now estimated to have contracted by 11.0% in 2020, revised from the previous estimate of a fall of 9.3%. In 2021, UK GDP is estimated to have expanded by an upwardly revised 7.5%, compared with an initial estimate for a rise of 7.4%.

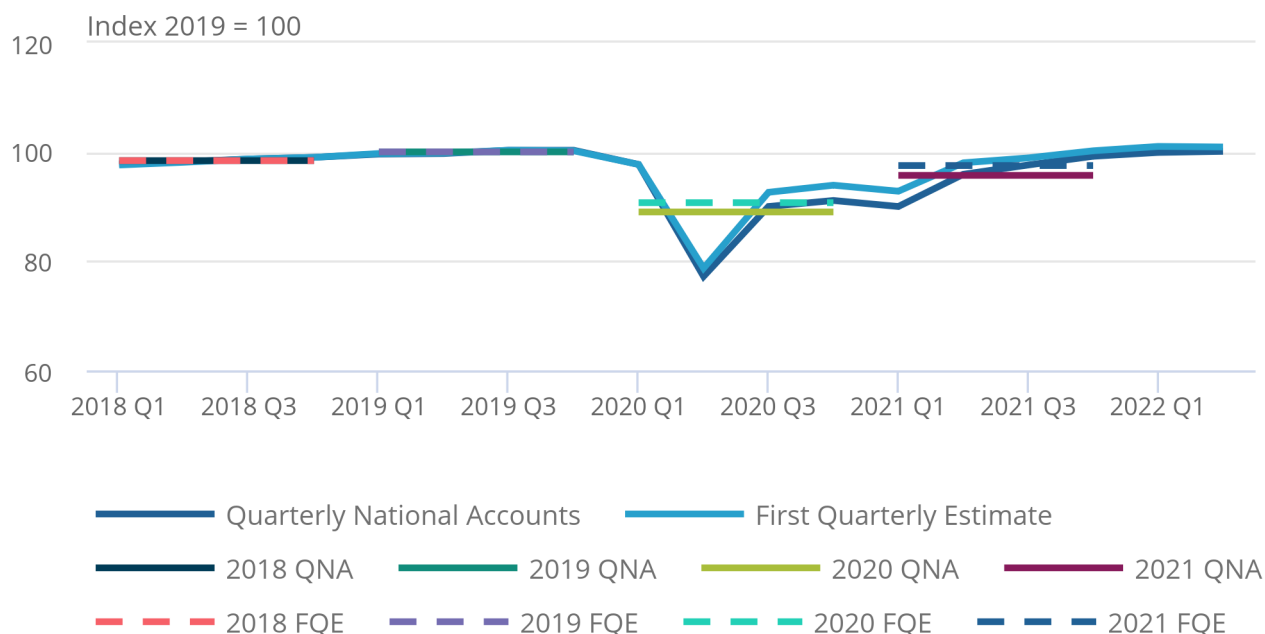
The level of real quarterly GDP in the UK is now 0.2% below its pre-coronavirus (COVID-19) pandemic level in Quarter 4 (Oct to Dec) 2019 (Figure 2). This has been revised from the previous estimate of being 0.6% above its Quarter 4 2019 level. Compared with the same quarter a year ago, the level of real GDP rose by 4.4% in Quarter 2 2022.

**Figure 2: Revisions to GDP have meant a sharper contraction in 2020 followed by a stronger recovery through the coronavirus pandemic**

UK, real GDP, annual and quarterly index, Quarter 1 (Jan to Mar) 2018 to Quarter 2 (Apr to June) 2022

**Figure 2: Revisions to GDP have meant a sharper contraction in 2020 followed by a stronger recovery through the coronavirus pandemic**

UK, real GDP, annual and quarterly index, Quarter 1 (Jan to Mar) 2018 to Quarter 2 (Apr to June) 2022



Source: Office for National Statistics – GDP quarterly national accounts

**Notes:**

1. Q1 refers to Quarter 1 (Jan to Mar), Q2 refers to Quarter 2 (Apr to June), Q3 refers to Quarter 3 (July to Sept) and Q4 refers to Quarter 4 (Oct to Dec).
2. Index is referenced to 2019.
3. This release sees revisions to the course of 2020, 2021 and 2022 due to the introduction of comprehensive changes as part of our annual Blue Book, and in line with the [National Accounts revision policy](#). For more information, see the revisions to GDP section.

Compared with the same quarter a year ago, the implied GDP deflator rose by 5.2%. This was primarily driven by an 8.2% increase in the implied price of household consumption, reflecting the inflationary pressures in consumer prices.

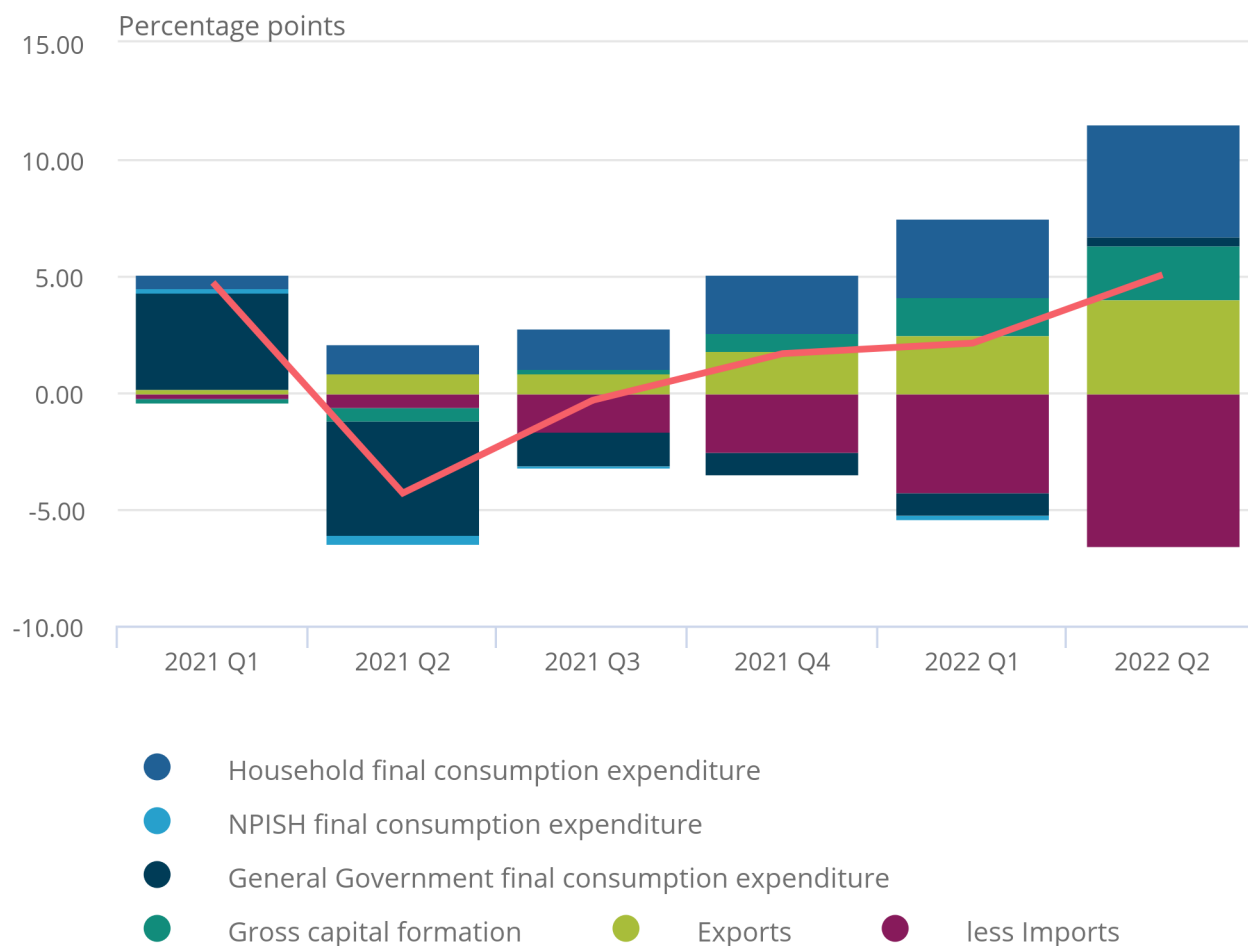
In this publication, we [improved the price measurement of gas imports](#) within our trade figures. As an increase in import prices contributes negatively to the implied GDP deflator, the rise in the implied price of household consumption was partially offset by higher import prices over the year. This reflected higher oil and gas import prices over this period.

**Figure 3: The implied price of household consumption rose by 8.2% compared with the same quarter a year ago**

UK, contributions to quarter-on-quarter a year ago implied deflator, Quarter 1 (Jan to Mar) 2021 to Quarter 2 (Apr to June) 2022

## Figure 3: The implied price of household consumption rose by 8.2% compared with the same quarter a year ago

UK, contributions to quarter-on-quarter a year ago implied deflator, Quarter 1 (Jan to Mar) 2021 to Quarter 2 (Apr to June) 2022



Source: Office for National Statistics – GDP quarterly national accounts

### Notes:

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

This implied GDP deflator represents the broadest measure of inflation in the domestic economy, reflecting changes in the price of all goods and services that comprise GDP. It is important to note that the GDP deflator covers the whole of the economy, not just consumer spending. Movements in the implied GDP deflator in 2020, 2021 and 2022 have been largely affected by the [government consumption deflator](#), which is the expenditure that is incurred by government in producing non-market goods and services, such as health and education. The volume of government activity fell while at the same time government expenditure increased in nominal terms. This reflects how we record volume estimates of health and education as explained in [our blog, Public services: measuring the part they play in the economy through the pandemic](#).

Table 1: Headline national accounts indicators for the UK

	Chained volume measures		Current market prices	
	GDP	GDP per head <sup>3</sup>	GDP	GDP implied deflator
<b>Seasonally adjusted</b>				
<b>2021</b>	7.5	6.8	7.9	0.4
<b>2021 Q1</b>	-1.2	-1.3	0.1	1.3
<b>2021 Q2</b>	6.5	6.4	4.4	-2.0
<b>2021 Q3</b>	1.8	1.7	2.4	0.6
<b>2021 Q4</b>	1.6	1.6	3.0	1.3
<b>2022 Q1</b>	0.7	0.7	2.7	2.0
<b>2022 Q2</b>	0.2	0.2	1.4	1.2

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 12 January 2022 published estimates.

## International comparisons

In real terms, the UK is the only G7 economy yet to recover above its pre-coronavirus pandemic level in Quarter 4 2019. Our recent article on the [Impact of Blue Book 2022](#) noted that the UK and the United States are the only countries in the G7 to have estimated the economic effect of the coronavirus pandemic in 2020 through the Supply and Use Tables (SUT) framework, which looks at the supply of goods and services on a very detailed level, how they are used in the economy, and their associated prices.

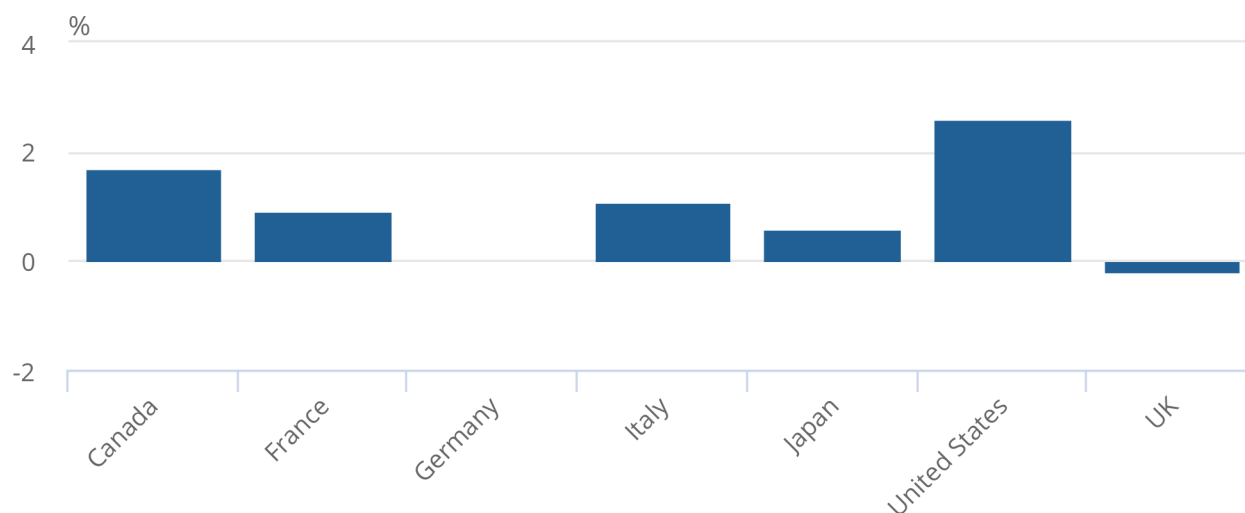
Previous analysis highlights [the challenges of making international comparisons of GDP](#) and notes it is useful to compare nominal and real estimates of GDP.

### Figure 4: The UK is the only G7 economy to not have yet recovered to pre-coronavirus levels of real GDP

UK, real GDP percentage change, Quarter 4 (Oct to Dec) 2019 to Quarter 2 (Apr to June) 2022

#### Figure 4: The UK is the only G7 economy to not have yet recovered to pre-coronavirus levels of real GDP

UK, real GDP percentage change, Quarter 4 (Oct to Dec) 2019 to Quarter 2 (Apr to June) 2022



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

#### Notes:

1. The chart shows the percentage change in nominal and real GDP in Quarter 2 2022.
2. Implied price movements in the year to Quarter 2 2022 for the G7 countries are Canada (9.8%), France (1.6%), Germany (5.9%), Italy (2.4%), Japan (negative 0.3%), UK (5.2%) and United States (7.6%).
3. Data as of 26 September 2022.
4. The Group of Seven (G7) is an intergovernmental organisation, which consists of the United States, UK, France, Germany, Italy, Canada, and Japan.

### **More about economy, business and jobs**

- All ONS analysis, summarised in our [economy, business and jobs roundup](#).
- Explore the latest trends in employment, prices and trade in our [economic dashboard](#).
- View [all economic data](#).



### 3 . Output

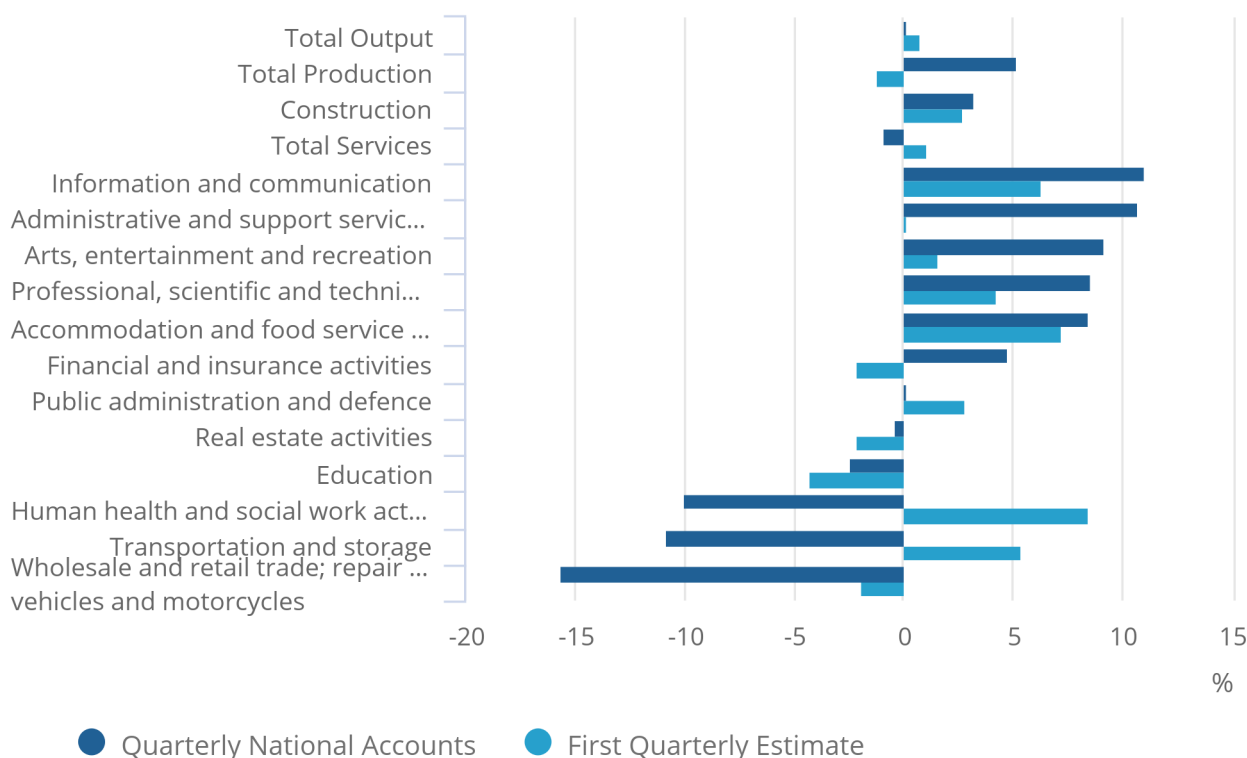
In Quarter 2 (Apr to June) 2022, output rose by 0.2%, upwardly revised from the first quarterly estimate of a 0.1% fall. There were increases in services and construction output, while production output fell. Services output is now a revised 0.9% below Quarter 4 (Oct to Dec) 2019 levels, while production output is now 5.2% above those pre-coronavirus (COVID-19) pandemic levels. Construction output is now 3.2% above pre-pandemic levels.

**Figure 5: Revised estimates show that services output is now below pre-coronavirus levels, whereas production output is now above**

UK, percentage change, Quarter 4 (Oct to Dec) 2019 to Quarter 2 (Apr to June) 2022

Figure 5: Revised estimates show that services output is now below pre-coronavirus levels, whereas production output is now above

UK, percentage change, Quarter 4 (Oct to Dec) 2019 to Quarter 2 (Apr to June) 2022



Source: Office for National Statistics – GDP quarterly national accounts

Notes:

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

## Services

There was a slowing in services output from 0.8% in Quarter 1 (Jan to Mar) 2022 to 0.2% in Quarter 2 2022, underpinned by an easing in information and communication, and professional, scientific and technical activities output. There was also continued weakness in the output produced by the wholesale and retail trade, and health industries.

The quarterly change in services output in Quarter 2 2022 has been upwardly revised from a first quarterly estimate of a 0.4% fall. The revised estimates were driven by positive contributions from human health and social work activities; financial and insurance service activities; and professional, scientific, and technical activities (Figure 6). There were partially offsetting negative revisions to other service activities, wholesale and retail trade, and accommodation and food services.

Figure 5 shows that there have been revisions to the cumulative output produced by industries relative to Quarter 4 2019 levels. These include a weaker position for wholesale and retail; transportation and storage; and health industries, while there is a stronger position for the arts, entertainment and recreation; and finance industries. The [relative impact on "high-contact" industries and "low-contact" industries](#) is still similar, although these revised estimates show that there has been less of a recovery in these "high-contact" industries than previously estimated. We plan to publish additional detailed analysis on these specific industries in October 2022 alongside Blue Book 2022.

Human health and social work activities saw large downward revisions over the course of 2020, following alignment to gross value added (GVA) from the Supply and Use Tables (SUTs) framework, as explained in our [Impact of Blue Book 2022 changes on gross domestic product](#) release. The use of GVA reflects the increase in intermediate consumption (IC) in 2020 in the health industry, following additional spending on personal protective equipment (PPE), NHS Test and Trace, and increased use of agency staff.

Output data for years that have not yet gone through the SUT process are usually created using the short-term measures of output only as a proxy for GVA, therefore assuming that the IC ratio holds constant from the last SUT balanced period. To better account for future changes in the ratio between intermediate consumption and output in the human health activity industry, government-based estimates for GVA are now being utilised to construct estimates of GVA data for 2021, as published in our [methodological improvements article](#). This improvement has led to upward revisions over the course of 2021, better reflecting the rise in activity such as Test and Trace and non-COVID-19 health activity and the increase in face-to-face appointments at GP surgeries.

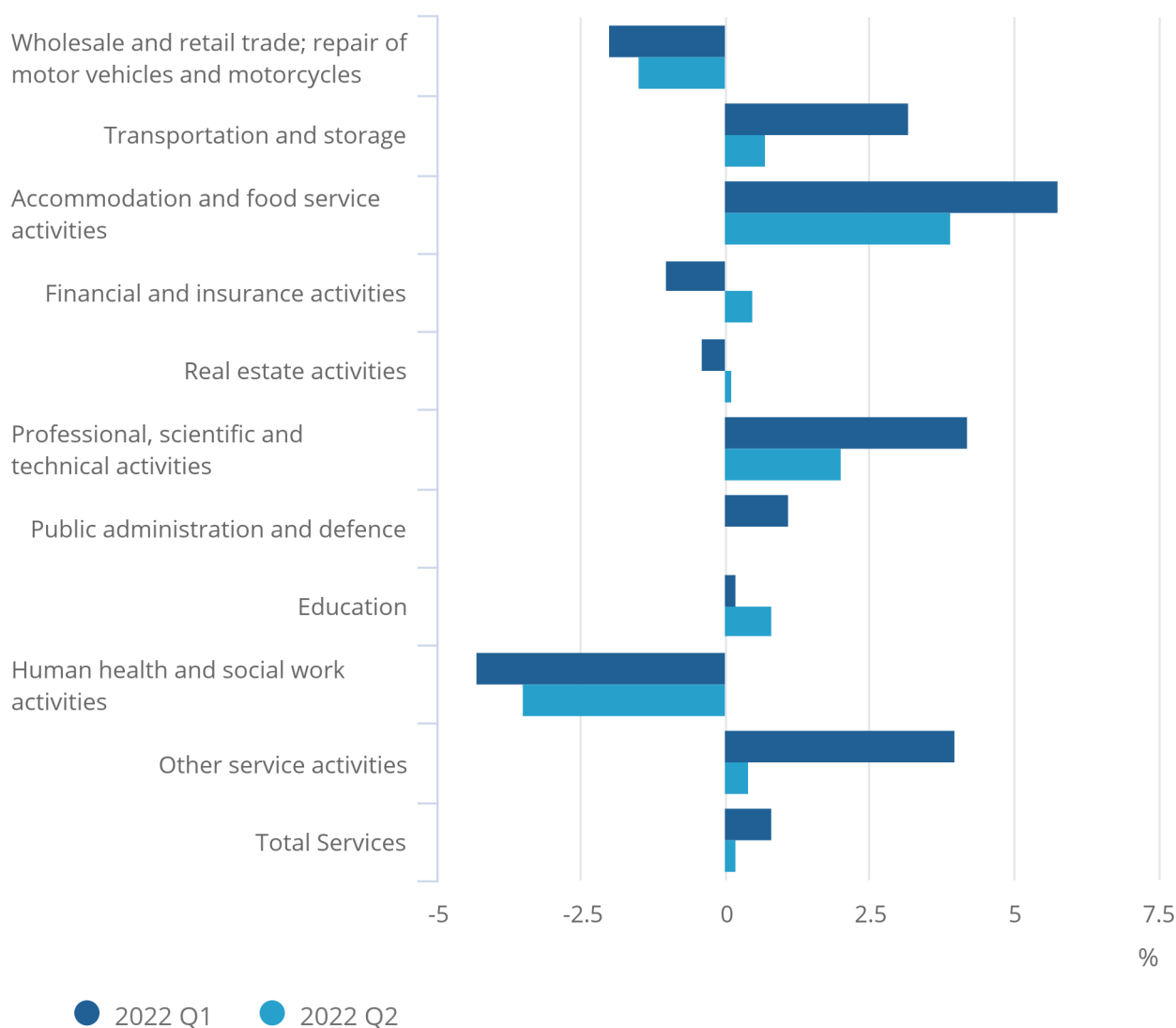
In Quarter 2 2022, there was an upwardly revised fall of 3.5% in human health and social work activities, from a first quarterly estimate of a 5.4% fall. This is now 10.0% below its pre-coronavirus pandemic levels. There was an upwardly revised growth of 0.5% in financial and insurance activities, driven by [changes to the measurement of insurance and pensions](#). This is now 4.8% above its pre-coronavirus levels.

**Figure 6: The services sector rose by an upwardly revised 0.2% in Quarter 2 (Apr to June) 2022, a slowing from the previous quarter where it has increased by 0.8%**

UK, percentage change, Quarter 1 (Jan to Mar) 2022 and Quarter 2 (Apr to June) 2022

Figure 6: The services sector rose by an upwardly revised 0.2% in Quarter 2 (Apr to June) 2022, a slowing from the previous quarter where it has increased by 0.8%

UK, percentage change, Quarter 1 (Jan to Mar) 2022 and Quarter 2 (Apr to June) 2022



Source: Office for National Statistics – GDP quarterly national accounts

Notes:

1. Q1 refers to Quarter 1 (Jan to Mar) and Q2 refers to Quarter 2 (Apr to Jun).

## Production

Production output saw a downwardly revised fall of 0.2% in Quarter 2 2022 from an increase of 0.5% at first quarterly estimate. This was driven by a 1.1% fall in manufacturing output, particularly in the manufacture of computer, electronic and optical products; manufacture of chemicals and chemical products; and manufacture of rubber and plastics products, and other non-metallic minerals. Anecdotal evidence from the Monthly Business Survey suggested that higher prices of energy and materials may be starting to affect the manufacture of chemicals and chemical products.

There were downwards revisions to manufacture of transport equipment, driven by large revisions to manufacture of motor vehicles, trailers and semi-trailers from updated survey responses. Anecdotal evidence from the [Society of Motor Manufacturers and Traders \(SMMT\)](#) indicated that ongoing shortages of key components led to car production in the first half of 2022 being weaker than 2009 when the global financial crisis affected demand.

There was a 1.0% fall in mining and quarrying output in Quarter 2 2022. There was a 3.9% increase in electricity, gas, steam, and air conditioning supply, primarily driven by increases in the gas industry.

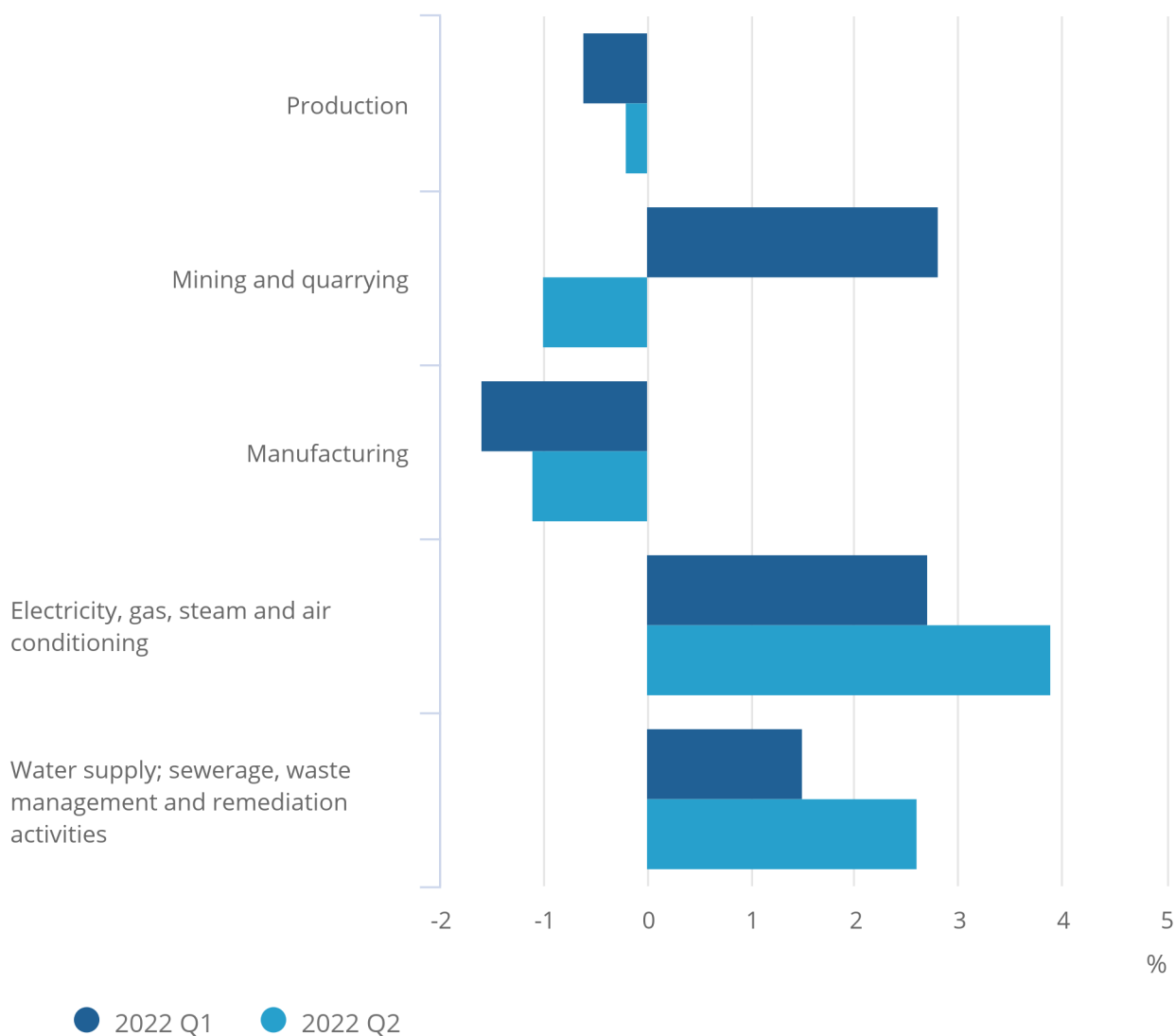
Relative to pre-coronavirus levels, manufacturing is now 4.7% above Quarter 4 2019 levels, upwardly revised from 0.1% below. Mining and quarrying is the only production industry that remains below Quarter 4 2019 levels, with electricity, gas, steam, and air; and water supply and sewerage output now 3.6% and 19.6% above pre-coronavirus levels, respectively.

**Figure 7: The production sector output fell by a revised 0.2% in Quarter 2 (Apr to June) 2022**

UK, percentage change, Quarter 1 (Jan to Mar) 2022 and Quarter 2 (Apr to June) 2022

## Figure 7: The production sector output fell by a revised 0.2% in Quarter 2 (Apr to June) 2022

UK, percentage change, Quarter 1 (Jan to Mar) 2022 and Quarter 2 (Apr to June) 2022



Source: Office for National Statistics – GDP quarterly national accounts

**Notes:**

1. Q1 refers to Quarter 1 (Jan to Mar) and Q2 refers to Quarter 2 (Apr to June).

## Construction

Construction output rose by 1.1% in Quarter 2 2022, revised down from a first quarterly estimate of 2.3%. Seven of the nine construction sectors saw an increase in Quarter 2 2022, primarily driven by new work, and repair and maintenance. Meanwhile, recent [new orders in the construction industry data](#) show a 10.4% fall in the latest quarter. Anecdotal evidence from the [Monthly Business Survey for Construction and Allied Trades \(MBS\)](#) and the [Business Insights and Conditions Survey \(BICS\)](#) highlights increased costs of construction products and the cost-of-living crisis as drivers for the contraction seen in demand.

## 4 . Expenditure

Expenditure gross domestic product (GDP) rose by 0.2% in Quarter 2 (Apr to June) 2022, upwardly revised from a first quarterly estimate of a 0.1% fall. Real household expenditure rose by 0.1% in Quarter 2 2022, upwardly revised from a 0.2% contraction, while real gross fixed capital formation fell by 1.4% in the quarter, downwardly revised from a 0.6% growth. Real government consumption expenditure fell by 1.5% in Quarter 2 2022, upwardly revised from a 2.9% fall. Figure 8 shows that household consumption is now estimated to be 2.7% below its pre-coronavirus (COVID-19) pandemic level, while government expenditure is 3.3% above. Gross fixed capital formation is now 1.7% below its Quarter 4 (Oct to Dec) 2019 level.

There have been some large gross trade flows in the first half of 2022, particularly in imports. However, there is some additional uncertainty on EU trade flows because of recent changes in how some of these data are collected. For more information, please refer to the trade section of this release and [our recent blog. Understanding the latest changes to UK trade figures with the EU.](#)

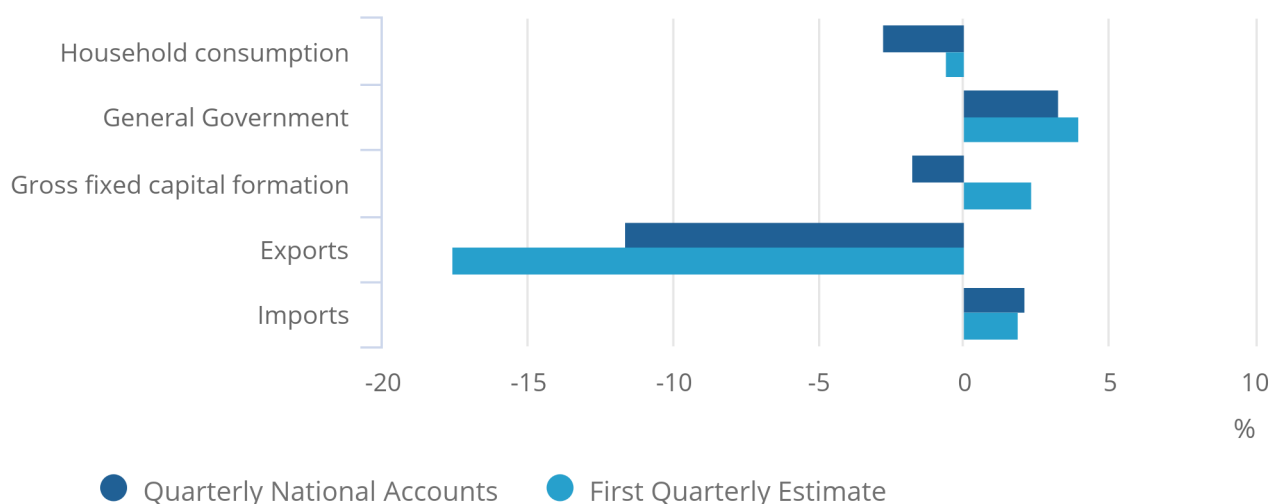
We previously referred to [practical challenges in balancing GDP during the coronavirus pandemic](#) and, in Quarter 2 2022, there have been challenges in balancing the expenditure approach to GDP. In line with our previous approach and as at [the first quarterly estimate for Quarter 2 2022](#), rather than force a GDP balance for expenditure by heavily adjusting the expenditure components, we have decided to show the best estimate of each underlying component at this stage. For further information, please refer to the “Gross capital formation” subheading in this section and [Section 10: Measuring the data](#).

**Figure 8: Revised estimates show a weaker cumulative position for most expenditure components relative to pre-coronavirus levels, while there is a stronger net trade position**

UK, breakdown of selected expenditure components, percentage change, Quarter 4 (Oct to Dec) 2019 to Quarter 2 (Apr to June) 2022

Figure 8: Revised estimates show a weaker cumulative position for most expenditure components relative to pre-coronavirus levels, while there is a stronger net trade position

UK, breakdown of selected expenditure components, percentage change, Quarter 4 (Oct to Dec) 2019 to Quarter 2 (Apr to June) 2022



Source: Office for National Statistics – GDP quarterly national accounts

## Private consumption

There was a slowing in growth in household consumption expenditure in the second quarter of 2022. Real household expenditure rose by an upwardly revised 0.1%, following an unrevised Quarter 1 (Jan to Mar) 2022 growth of 0.6%. This quarterly increase was driven by rises in spending on transport, health, and restaurants and hotels. These were partially offset by falls in net tourism and clothing and footwear.

There were revisions to real household expenditure as outlined in our [Impact of Blue Book 2022 changes on gross domestic product](#) release. These improvements reflect [changes to the measurement of insurance and pensions](#) and new data sources being taken on for the first time. Real household expenditure is now 2.7% below its pre-coronavirus pandemic level, downwardly revised from the previously published 0.6% below.

There was an upward revision to nominal household consumption expenditure. This is now estimated to have increased by 3.2% on the quarter, revised up from the first estimate of 2.6%. There are revised nominal estimates of spending on financial services, in particular [financial intermediation services indirectly measured](#) (FISIM). This is the implied charge by financial intermediaries on loans and deposits. The revisions reflect incorporating the recent tightening in financial conditions on this implied charge.

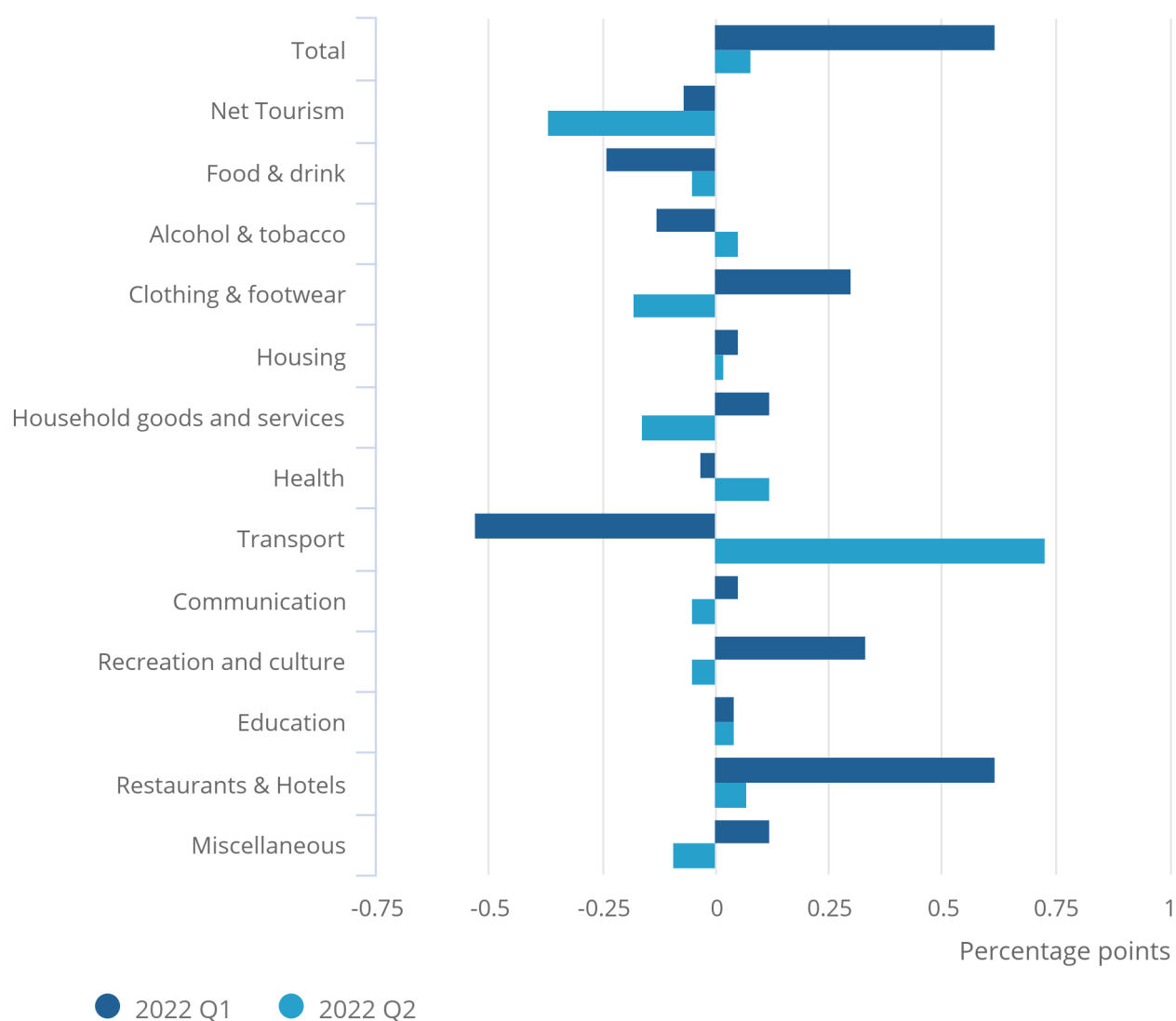


**Figure 9: Spending on transport, health and restaurants, and hotels contributed to growth in real household consumption this quarter**

UK, contributions to household consumption, Quarter 1 (Jan to Mar) 2022 and Quarter 2 (Apr to June) 2022

## Figure 9: Spending on transport, health and restaurants, and hotels contributed to growth in real household consumption this quarter

UK, contributions to household consumption, Quarter 1 (Jan to Mar) 2022 and Quarter 2 (Apr to June) 2022



Source: Office for National Statistics – GDP quarterly national accounts

**Notes:**

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

## Consumption of government goods and services

Real government consumption expenditure fell by a revised 1.5% in Quarter 2 2022. The fall was driven by central government, primarily because of declines in healthcare consumption. This reflects decreases in coronavirus-related activities such as Test and Trace, lateral flow devices and vaccinations.

There were downward revisions to health expenditure because of the implementation of a new methodology to estimate GP services, [consistent with that used in our public service productivity series](#), and updated coronavirus-related activity data. Most notably there have been updates made to the cost weights used to combine volume changes in different COVID-19 testing activities. In [our previous approach](#), COVID-19 testing was measured using two components to distinguish lateral flow devices (LFDs) from laboratory-processed tests. We now have data that enable us to measure these activities more accurately. The most consequential change is splitting LFDs into tests that are self-administered and tests that are administered by healthcare professionals. This has reduced the contribution of LFD testing relative to other services and has led to a downwards revision in the quarterly testing volume data.

There was a revised 4.6% fall in government nominal expenditure in Quarter 2 2022, driven by a decrease in central government expenditure. This reflects downward revisions to health and education expenditure data.

## Gross capital formation

Real gross fixed capital formation fell by 1.4% in Quarter 2 2022, revised downwards from the first quarterly estimate of 0.6%. This was driven by the revised 21.5% fall in government investment in the second quarter, reflecting updated government estimates that better capture a slowdown in public sector acquisition and maintenance of existing buildings.

Business investment increased by 3.7% in Quarter 2 2022, driven by rises in transport. While there is no impact on the GDP aggregates, some of the lower-level gross fixed capital formation detail that normally accompanies the business investment release is unavailable at this stage. Further information is available in the [Business investment in the UK: April to June 2022 provisional results bulletin](#).

Note that balancing and alignment adjustments are typically applied to the inventories component to help balance the expenditure approach to average gross domestic product.

For Quarter 1 and Quarter 2 2022, the alignment adjustment is larger than normal (Table 2). This is as a result of challenges in balancing GDP; therefore, we have decided to show the current best estimate of each underlying component of expenditure rather than force a balance. More detail can be found in [Section 10: Measuring the data](#).

Excluding the alignment adjustment, there was a £7.3 billion increase in inventories in Quarter 2 2022. There were upward revisions in industries because of updated survey data in the latest quarter.

Table 2: Change in inventories, including and excluding balancing and alignment adjustments  
UK, Quarter 1 (Jan to Mar) 2021 to Quarter 2 (Apr to Jun) 2022

		<b>Change in Inventories</b>	<b>Of which alignment</b>	<b>Of which balancing</b>	<b>Change in Inventories excluding alignment and balancing</b>
<b>2021 Q1</b>	<b>Current price</b>	3018	388		2630
	<b>Chained volume measure</b>	3792	356		3436
<b>2021 Q2</b>	<b>Current price</b>	-2828	-2904	-1200	1276
	<b>Chained volume measure</b>	-2798	-2759	-1200	1161
<b>2021 Q3</b>	<b>Current price</b>	6187	3199	-600	3588
	<b>Chained volume measure</b>	5302	3032	-600	2870
<b>2021 Q4</b>	<b>Current price</b>	4880	-683	-600	6163
	<b>Chained volume measure</b>	439	-629	-600	1668
<b>2022 Q1</b>	<b>Current price</b>	21697	7849		13848
	<b>Chained volume measure</b>	17132	7184		9948
<b>2022 Q2</b>	<b>Current price</b>	23585	10322	3000	10263
	<b>Chained volume measure</b>	16676	9333	3000	4343

Source: Office for National Statistics – GDP quarterly national accounts

#### Notes

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

## Net trade

Our trade estimates are primarily based on data collected by HM Revenue and Customs (HMRC). A [recent HMRC data collection change](#) affected our EU to Great Britain import and export statistics. We are considering possible options to account for this discontinuity. We continue to advise caution in interpreting movements across periods, as outlined in [our latest UK trade bulletin](#). For more information, please see [Section 10: Measuring the data](#).

As [previously communicated](#), this quarter we have introduced two methodological improvements to UK trade estimates; these relate to deflation of gas imports (trade in goods) and estimates of travel services because of methodological improvements to the International Passenger Survey (IPS). The implementation of a new gas deflator has contributed downward revisions to real trade imports from 2021 onwards, whereas the IPS update has increased the nominal levels of both imports and exports of travel services back to 2009.

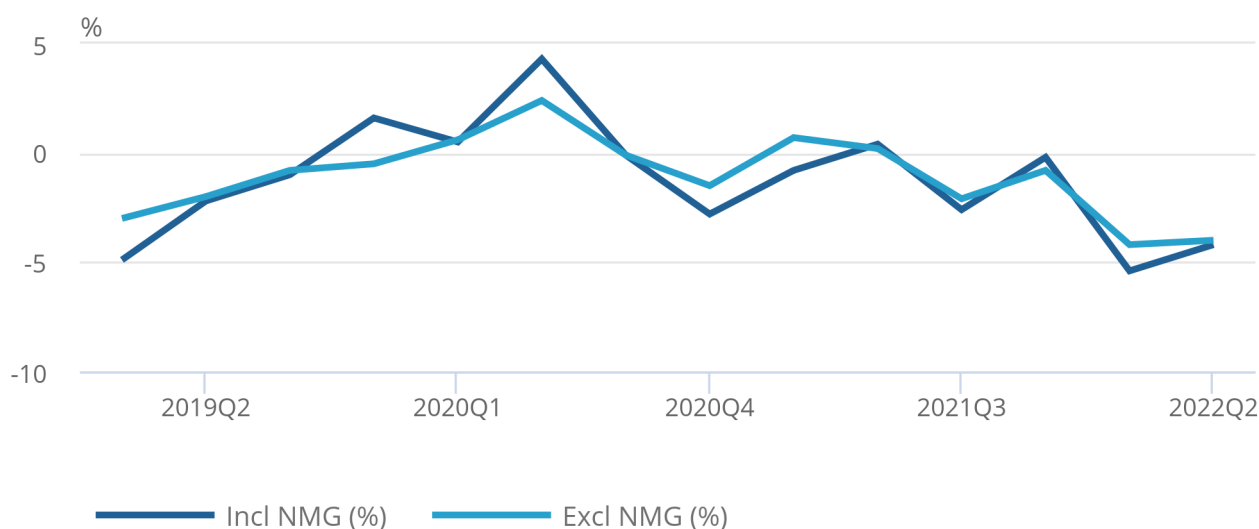
There was a narrowing in the UK's trade deficit for goods and services, which was 4.2% of nominal GDP in Quarter 2 2022 (Figure 10), following a Quarter 1 2022 deficit of 5.4%. Excluding non-monetary gold, the trade deficit was 4.0% in Quarter 2 2022. There have been large price movements in these trade flows, particularly reflecting oil and commodity price movements.

**Figure 10: There was a narrowing in the UK's trade deficit to 4.2% of nominal GDP in Quarter 2 (Apr to JunE) 2022**

UK, Quarter 1 (Jan to Mar) 2019 to Quarter 2 (Apr to June) 2022

Figure 10: There was a narrowing in the UK's trade deficit to 4.2% of nominal GDP in Quarter 2 (Apr to JunE) 2022

UK, Quarter 1 (Jan to Mar) 2019 to Quarter 2 (Apr to June) 2022



Source: Office for National Statistics – GDP quarterly national accounts

### Notes:

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

Total import volumes fell by a revised 1.5% in Quarter 2 2022. There was a 1.2% increase in real imports of services, driven by growth in transport services, while the fall in imports of goods (2.4%) was driven by unspecified goods and fuels. Total export volumes rose by a revised 3.6% in the latest quarter. The 5.8% rise in export goods was driven by machinery and transport equipment, chemicals, and materials manufacturers. The 1.4% rise in exports services was driven by travel, transport, and financial services.

## 5 . Income

Nominal gross domestic product (GDP) rose by 1.4% in Quarter 2 (Apr to June) 2022, revised from the previous estimate of 1.1%. Nominal GDP is now 9.1% above its pre-coronavirus (COVID-19) pandemic levels.

**Figure 11: Nominal gross domestic product (GDP) rose by a revised 1.4% in Quarter 2 (Apr to June) 2022**

UK, Quarter 4 (Oct to Dec) 2019 to Quarter 2 (Apr to June) 2022

Figure 11: Nominal gross domestic product (GDP) rose by a revised 1.4% in Quarter 2 (Apr to June) 2022

UK, Quarter 4 (Oct to Dec) 2019 to Quarter 2 (Apr to June) 2022



Source: Office for National Statistics – GDP quarterly national accounts

### Notes:

1. Q1 refers to Quarter 1 (Jan to Mar), Q2 refers to Quarter 2 (Apr to June), Q3 refers to Quarter 3 (July to Sept) and Q4 refers to Quarter 4 (Oct to Dec).
2. Index is referenced to Quarter 4 (Oct to Dec) 2019.
3. Please note, the alignment adjustment is included in the gross operating surplus of nominal GDP.

Compensation of employees (CoE) rose by 1.2% in Quarter 2 2022, revised upwards from 0.7%. The quarterly increase was driven by a revised rise in employers' contributions (3.5%) and wages and salaries (0.7%). The upward revision to CoE is because of revised His Majesty's Revenue and Customs (HMRC) data and updated labour market estimates. Compared with the same quarter a year ago, CoE grew by 7.2%, down from a 8.6% growth at Quarter 1 (Jan to Mar) 2022.

Taxes less subsidies rose in Quarter 2 2022 by a revised 3.9%. There were downward revisions to taxes driven by revised value added tax (VAT) and other taxes on products data. Subsidies saw upward revisions driven by updated housing equity injection estimates.

The gross operating surplus (GOS) of private non-financial corporations (PNFC) increased by a upwardly revised 0.6% in the second quarter, which partly reflects better capturing the effects of higher energy prices for the oil industry. Excluding the alignment adjustment, PNFC GOS fell by 0.6% in Quarter 2 2022. There was also a 2.3% increase in financial corporations' GOS, and a 2.5% rise in households' GOS on the quarter. These include the effects of the revised financial intermediation services indirectly measured (FISIM) estimates that better capture the effects of the recent tightening in financial conditions, as well as the implementation of better measurement of the insurance and pension sector.

Note that alignment and balancing adjustments are typically applied to the GOS component to help balance the different approaches to GDP. We previously referred to [practical challenges in balancing GDP](#) during the coronavirus pandemic. This in part reflects large government interventions in response to the pandemic in areas such as employment costs via the CJRS subsidy to businesses and the SEISS payment to the self-employed. These schemes, alongside various business grants, tax deferrals and the VAT rate cut for the hospitality sector, have all made the measurement of income more challenging across 2020 and 2021.

Table 3: Gross operating surplus of private non-financial corporations, including and excluding balancing and alignment adjustments  
UK, Quarter 1 (Jan to Mar) 2021 to Quarter 2 (Apr to Jun) 2022

	<b>Gross operating surplus of corporations</b>	<b>Of which alignment</b>	<b>Gross operating surplus of corporations excluding alignment</b>	<b>Gross operating surplus of corporations excluding alignment</b>
<b>Quarter-on-quarter growth</b>				
<b>2021 Q1</b>	122096	236	121860	1.1
<b>2021 Q2</b>	126878	2170	124708	2.3
<b>2021 Q3</b>	123315	-923	124238	-0.4
<b>2021 Q4</b>	126083	-1483	127566	2.7
<b>2022 Q1</b>	131036	-1111	132147	3.6
<b>2022 Q2</b>	132017	133	131884	-0.2

Source: Office for National Statistics – GDP quarterly national accounts

#### Notes

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



## 6 . Revisions to GDP

This release includes revisions to the entire time series as part of Blue Book 2022, which will be released on 31 October 2022. Initial analysis on [the impact of the methodological changes in Blue Book 2022](#) as well as the [impact of balancing 2020 through the supply use process](#) for the first time has been published. Alongside this, [analysis of the impact of Blue Book 2022 on the sector and financial accounts](#) was published on 12 September 2022.

As [previously communicated](#), the reference year for this publication remains at 2019, and will continue to do so until Blue Book 2023.

In line with our [National Accounts Revisions Policy](#), all periods up to Quarter 2 (Apr to June) 2022 in this release are open to revision. These revisions not only incorporate the Blue Book 2022 methodological changes but also 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) 2021 and Quarter 1 (Jan to Mar) 2022. This will also be reflected in the October 2022 monthly GDP estimates.

Table 4: Revisions to quarter-on-quarter growth for components of GDP  
Quarter 1 (Jan to Mar) 2021 to Quarter 2 (Apr to Jun) 2022

	Percentage points					
	2021 Q1	2021 Q2	2021 Q3	2021 Q4	2022 Q1	2022 Q2
<b>Average GDP in chained volume measures</b>	0.0	0.9	0.9	0.3	-0.1	0.3
<b>Output</b>						
<b>Production</b>	0.2	-0.1	-1.0	-0.9	-1.9	-0.7
<b>Construction</b>	0.0	-0.2	0.4	0.0	0.7	-1.2
<b>Services</b>	-0.1	1.5	1.2	0.7	0.2	0.6
<b>Expenditure</b>						
<b>Households</b>	-0.2	1.7	0.3	0.2	0.0	0.3
<b>Non-profit institutions serving households</b>	-0.5	8.9	-4.0	1.6	2.4	0.4
<b>General government</b>	-0.9	-1.0	0.9	-0.1	0.2	1.4
<b>Gross fixed capital formation</b>	-0.5	0.9	0.3	0.1	-0.3	-2.0
<b>Total exports</b>	1.1	0.1	0.4	3.6	-0.1	1.2
<b>Total imports</b>	0.1	-1.6	-0.3	0.8	0.8	0.0
<b>Average GDP in current prices</b>	0.0	0.8	0.8	0.0	-0.5	0.3
<b>Income</b>						
<b>Compensation of employees</b>	0.0	0.6	0.5	0.6	-0.6	0.5
<b>Gross operating surplus of corporations</b>	0.1	3.7	0.7	-4.5	2.3	1.5
<b>Other income</b>	-0.2	-0.1	0.1	-0.1	-1.0	1.6
<b>Taxes on products &amp; production less subsidies</b>	-2.8	-6.7	6.1	7.5	-5.5	-4.4

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. Revisions are between the GDP first quarterly estimate published 12 August 2022 and quarterly national accounts published 30 September 2022.
3. Please note, revisions are rounded to 1 decimal place.

## 7 . Quarterly sector accounts

Estimates published for the first time today, 30 September 2022, are consistent with several 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 12 September 2022.

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

In the non-financial account, the UK's borrowing position with the rest of the world was 5.6% as a percentage of gross domestic product (GDP) in Quarter 2 (Apr to June) 2022, down from borrowing equivalent to 7.3% of GDP in Quarter 1 (Jan to Mar) 2022.

Looking at the UK's largest domestic sectors:

- households saw a decrease in their net lending position to 1.4% as a percentage of GDP in Quarter 2 2022, down from 1.8% of GDP in the previous quarter, primarily reflecting increased expenditure on transport, restaurants and hotels, gas and electricity, miscellaneous goods, and food and drink
- general government has reduced its net borrowing position to 4.9% as a percentage of GDP in Quarter 2 2022 from 6.7% in Quarter 1 2022, primarily reflecting a drop in health expenditure
- non-financial corporations decreased their net borrowing position to 1.9% as a percentage of GDP in the quarter from 2.1% in Quarter 1 2022, primarily reflecting lower dividend payments paid out by UK businesses
- financial corporations decreased their net borrowing position to 0.1% as a percentage of GDP in the quarter from 0.5% in Quarter 1 2022, primarily reflecting a lower acquisition of valuables, especially non-monetary gold

### **Financial account net lending and borrowing (not seasonally adjusted)**

- Households increased their net lending to £26.4 billion in Quarter 2 2022, following a net lending position of £4.9 billion in Quarter 1 2022; this was driven by a rise in deposits with UK banks and building societies of £10.5 billion.
- General government increased their net borrowing position to £46.2 billion in Quarter 2 2022, following a net borrowing position of £12.0 billion in Quarter 1 2022; this was driven by an increase in UK central government securities issued of £65.7 billion.
- Non-financial corporations increased their net lending position to £17.8 billion in Quarter 2 2022, following a net lending position of £14.4 billion in Quarter 1 2022; this was driven by decreased liabilities in long-term loans (excluding direct investment loans) of £38.6 billion.
- Financial corporations decreased their net borrowing position to £10.5 billion in Quarter 2 2022, following a net borrowing position of £21.2 billion in Quarter 1 2022; this was driven by the increased acquisition of shares issued by rest of the world institutions of £75.1 billion.

## Spotlight on the household sector

Our annual methodological improvements introduced this quarter have changed our understanding of the amount households are saving and how household real incomes are decreasing over recent quarters.

Figure 12 shows how the household saving ratio since 2010 now looks in comparison with our previous estimates.

**Figure 12: Following the introduction of new methods, the level of the savings ratio has revised upwards in recent quarters**

UK household saving ratio, percentage, Quarter 1 (Jan to Mar) 2010 to Quarter 2 (Apr to June) 2022

Figure 12: Following the introduction of new methods, the level of the savings ratio has revised upwards in recent quarters

UK household saving ratio, percentage, Quarter 1 (Jan to Mar) 2010 to Quarter 2 (Apr to June) 2022



Source: Office for National Statistics –quarterly sector accounts

Notes:

1. Q1 refers to Quarter 1 (Jan to Mar) Q2 refers to Quarter 2 (Apr to June) Q3 refers to Quarter 3 (July to Sept) and Q4 refers to Quarter 4 (Oct to Dec).
2. This release sees revisions to these time series because of the introduction of comprehensive changes as part of our annual Blue Book, and in line with the [National Accounts revision policy](#).

Between 1997 and 2019, the household saving ratio has been revised by an average of negative 0.2 percentage points annually. However, since Quarter 2 2020, the ratio has seen a shift upwards, suggesting that households are saving more of their income than we previously thought. The saving ratio peaked at 26.8% in Quarter 2 2020, meaning that over a quarter of total household income was saved as lockdowns restricted opportunities to spend.

From the third quarter of 2020 to the latest quarter, we have seen an average of a 1.7 percentage point upward revision to the quarterly saving ratio. Our latest estimates now show that household saving remains well above the level seen in Quarter 4 (Oct to Dec) 2019, the last full quarter not affected by coronavirus (COVID-19) restrictions, at 7.6% in Quarter 2 2022 compared with 5.6% in Quarter 4 2019.

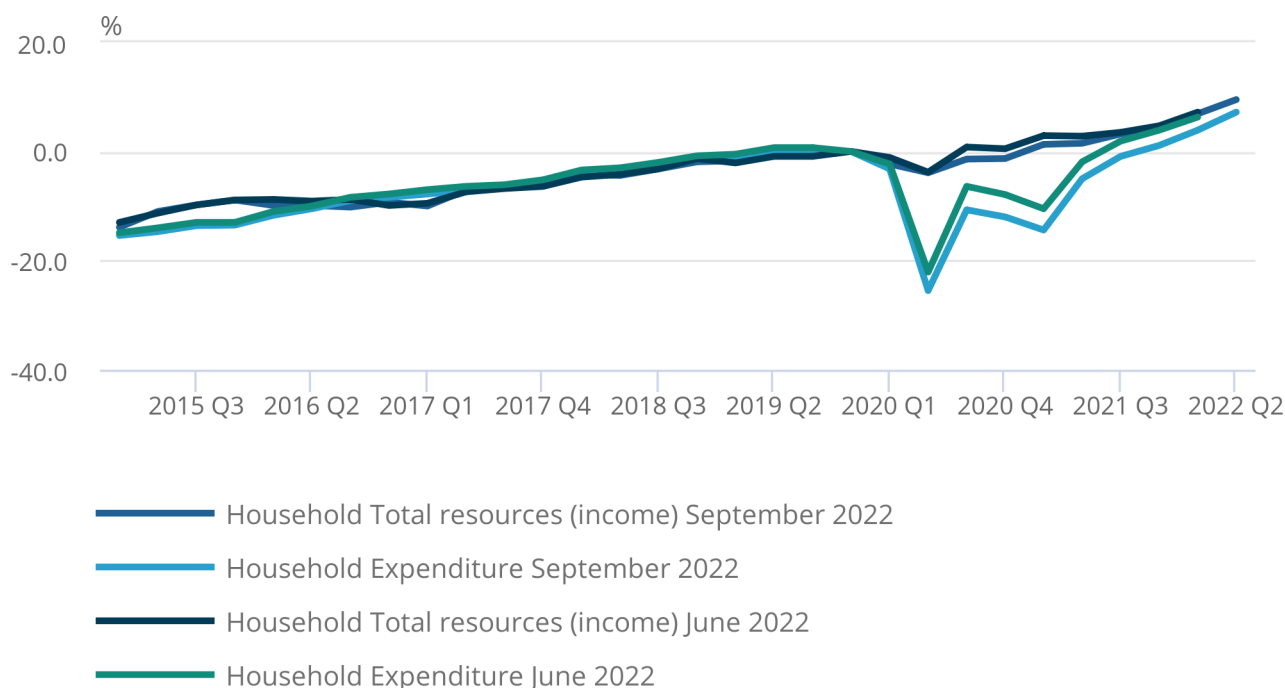
As shown in Figure 13, driving this shift in the level of the saving ratio has been slower growth in nominal household consumption, when compared with the level of spending seen in Quarter 4 2019, and when measured against the growth seen in nominal incomes over the same period. This contrasts with the more consistent growth of both household income and expenditure seen in the period immediately prior to the coronavirus pandemic and in our previously published data, where estimates indicated household incomes and expenditure began converging from Quarter 3 (July to Sept) 2021.

**Figure 13: Household expenditure has not grown as strongly as income since Quarter 4 (Oct to Dec) 2019**

UK households' total resources and individual consumption expenditure, current price percentage growth compared with Quarter 4 (Oct to Dec) 2019; Quarter 1 (Jan to Mar) 2010 to Quarter 2 (Apr to June) 2022

### Figure 13: Household expenditure has not grown as strongly as income since Quarter 4 (Oct to Dec) 2019

UK households' total resources and individual consumption expenditure, current price percentage growth compared with Quarter 4 (Oct to Dec) 2019; Quarter 1 (Jan to Mar) 2010 to Quarter 2 (Apr to June) 2022



Source: Office for National Statistics –quarterly sector accounts

#### Notes:

1. Q1 refers to Quarter 1 (Jan to Mar) Q2 refers to Quarter 2 (Apr to June) Q3 refers to Quarter 3 (July to Sept) and Q4 refers to Quarter 4 (Oct to Dec).
2. This release sees revisions to these time series because of the introduction of comprehensive changes as part of our annual Blue Book, and in line with the [National Accounts revision policy](#).

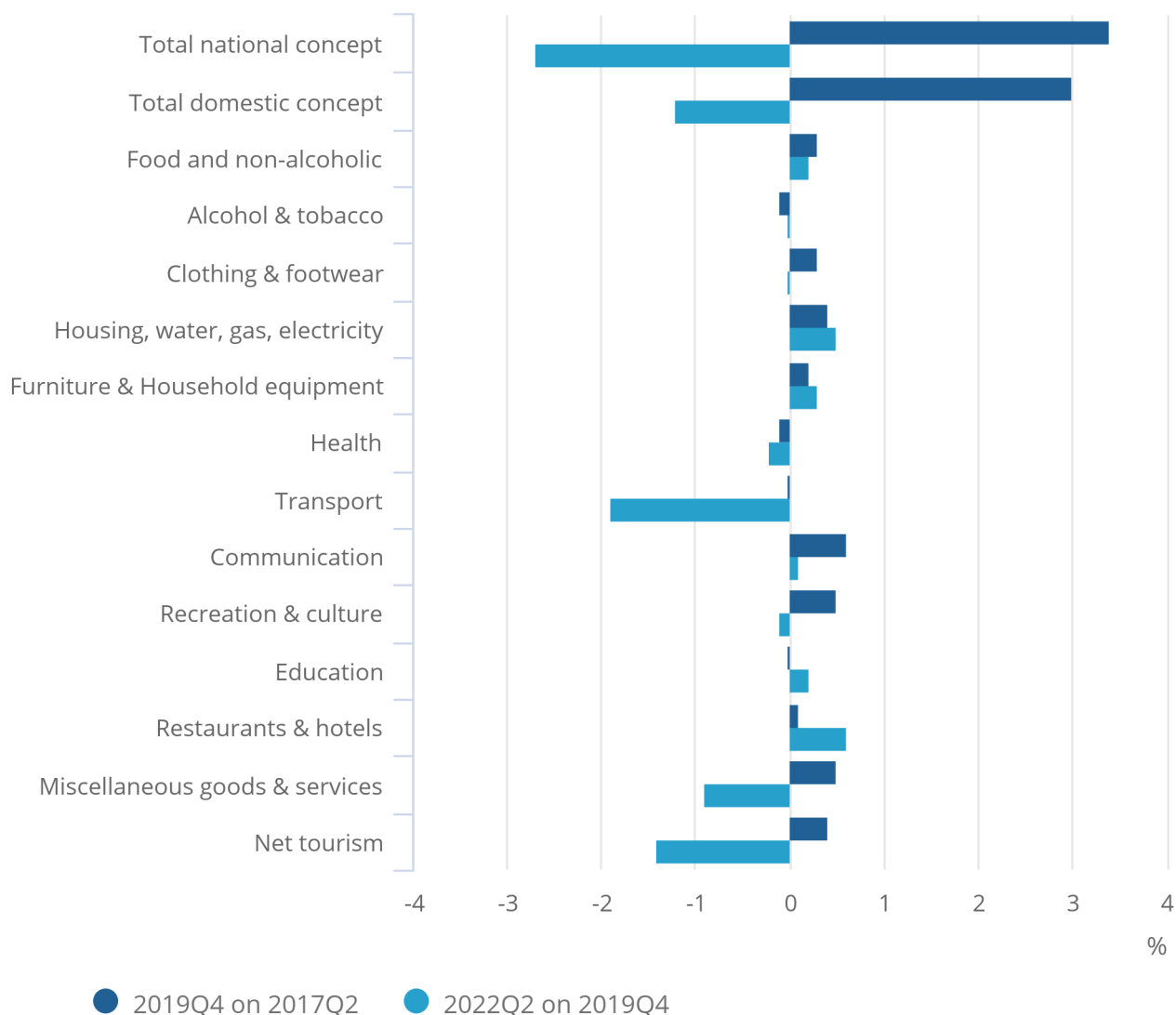
Figure 14 shows that several spending categories have contributed to the lower comparable growth in household expenditure since Quarter 4 2019, once the impact of inflation has been removed.

**Figure 14: There have been falls in the volume of household expenditure for several categories since Quarter 4 (Oct to Dec) 2019**

UK, households' individual consumption expenditure by broad category, chained volume measure, contributions to percentage growth, Quarter 3 (July to Sept) 2017 to Quarter 4 (Oct to Dec) 2019; Quarter 1 (Jan to Mar) 2020 to Quarter 2 (Apr to June) 2022

**Figure 14: There have been falls in the volume of household expenditure for several categories since Quarter 4 (Oct to Dec) 2019**

UK, households' individual consumption expenditure by broad category, chained volume measure, contributions to percentage growth, Quarter 3 (July to Sept) 2017 to Quarter 4 (Oct to Dec) 2019; Quarter 1 (Jan to Mar) 2020 to Quarter 2 (Apr to June) 2022



Source: Office for National Statistics –quarterly sector accounts

Notes:

1. Q1 refers to Quarter 1 (Jan to Mar) Q2 refers to Quarter 2 (Apr to June) Q3 refers to Quarter 3 (July to Sept) and Q4 refers to Quarter 4 (Oct to Dec).
2. This release sees revisions to these time series because of the introduction of comprehensive changes as part of our annual Blue Book, and in line with the [National Accounts revision policy](#).
3. Contributions may not sum exactly to total national concept growth because of non-additivity of the volume measures.

Total expenditure, including UK resident spending overseas and overseas resident spending in the UK, has fallen 2.7% in volume terms since Quarter 4 2019, with drops in expenditure on motor cars and air transport, and the amount UK households are spending overseas and on personal care products, contributing the most to this drop in the volume of household consumption. Offsetting this have been relative increases in the volume of spending on restaurants and hotels, housing and related costs, and furniture and household equipment.

Despite household saving remaining higher than before the pandemic, real household disposable income (RHDI) fell by 1.2% in Quarter 2 2022. Nominal household gross disposable income grew by 1.8% but was offset by quarterly household inflation of 3.1%; this is the largest quarterly growth in household inflation since Quarter 4 1981, when it was 3.2%.

Using our new methods, this is now the fourth consecutive quarter of real negative growth in disposable income. Driving the rise in household expenditure this quarter were increases in costs of electricity and gas, and price increases in restaurants and cafes.

More data relating to the sector and financial accounts can be found in our [Quarterly sector accounts, UK: April to June 2022](#) bulletin.

## 8 . GDP quarterly national accounts data

### [GDP – data tables](#)

Dataset | Released 12 August 2022

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

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

Dataset | Released 12 August 2022

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

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

Dataset | Released 12 August 2022

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 gross domestic product (GDP) growth.

### Chained volume measure

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

## Gross domestic product (GDP)

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

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

## Index numbers

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

## Household total resources

This includes income available to households such as wages and salaries, income from self-employment and unincorporated enterprises, income from pensions and other social benefits, and income from financial investments (less any payments of tax, social insurance contributions, and interest on financial liabilities). An adjustment for the change in pension entitlements is also included.

## Household final consumption expenditure – national concept

This includes all consumption expenditure on goods and services in the UK and abroad by UK resident households and excludes expenditure by foreign residents in the UK.

## Household final consumption expenditure – domestic concept

This includes all consumption expenditure on goods and services in the UK (by both foreign and domestic residents), but expenditure by UK residents abroad is not included.

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

## 10 . Measuring the data



## Reaching the GDP balance

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

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

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

Alignment adjustments, found in Table M of [the GDP quarterly national accounts data tables](#), have a target limit of plus or minus £3,000 million on any quarter. However, in periods where the data sources are particularly difficult to balance, larger alignment adjustments are sometimes needed as explained in [our recent article, Recent challenges of balancing the three approaches of GDP](#).

In this quarter, the alignment adjustment, used to align expenditure to average GDP, is larger than normal (Table 2). This approach preserves the component-level movements and shows the level of challenge and uncertainty currently within the expenditure approach to GDP. Work will continue with a focus on the expenditure approach to GDP, and we will continue to review this over the coming months as and when more information becomes available.

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

Table 5: Balancing adjustments applied to the GDP quarterly national accounts dataset  
Quarter 1 (Jan to Mar) 2021 to Quarter 2 (Apr to Jun) 2022

GDP measurement approach and component adjustment applied to		2021 Q1	2021 Q2	2021 Q3	2021 Q4	2022 Q1	2022 Q2
<b>Expenditure</b>							
Trade in Services	Current prices	-500	500	2600	2700	3000	
	Chained volume measure	-500	500	1000	2000	1300	
Gross Fixed Capital Formation	Chained volume measure	-400	-800	-1200			
Change in inventories	Current prices		1000	1500		2000	
	Chained volume measure		-1000	-1000			
<b>Income</b>							
Financial corporations GOS	Current prices	150		-300			
Compensation of Employees	Current prices	500	500			1000	
Mixed income	Current prices	600		-300			

Source: Office for National Statistics - GDP quarterly national accounts

#### Notes

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

## GDP monthly estimate

Although this release focuses on providing the best quarterly estimate of GDP, an indicative monthly path for the updated time series is provided in the [dataset](#). A full breakdown of the monthly data consistent with this quarterly release will be available in the next monthly GDP release (on 13 October 2022).

## 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 (QMI) is available in the [Gross domestic product \(GDP\) QMI](#).

Important quality information

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

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

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

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

GDP estimates for Quarter 4 (Oct to Dec) 2021 are subject to [more uncertainty than usual](#) as a result of the challenges we faced estimating GDP in the current conditions. Differences in the methods for estimating the output of health and education services across different countries mean GDP may be less internationally comparable during the coronavirus (COVID-19) pandemic and recovery than usual, so comparisons should be made with increased caution. For more information, please refer to our recently published blog [Minding the Gap: Why has UK GDP fallen so sharply in the pandemic?](#)

## 12 . Related links

[GDP first quarterly estimate, UK: April to June 2022](#)

Bulletin | Released 12 August 2022

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

## 13 . Cite this statistical bulletin

Office for National Statistics (ONS), released 30 September 2022, ONS website, statistical bulletin, GDP quarterly national accounts, UK: April to June 2022

# A1 National accounts aggregates<sup>1,2</sup>

2019 = 100

	Value indices at current prices		Chained volume indices				Implied deflators <sup>3</sup>		
	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
2019	YBEU	YBEX	YBEZ	CGCE	YBFP	L48H	YBFV	YBGB	CGBV
2020	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2021	94.2	95.2	89.0	89.4	87.3	90.3	105.4	105.9	106.4
2021	101.7	102.0	95.7	96.4	95.8	96.5	106.1	106.3	105.8
<b>Seasonally adjusted</b>									
2020 Q1	100.1	100.5	97.7	98.0	96.7	98.7	101.9	102.5	102.5
Q2	85.0	86.6	77.2	77.5	74.2	77.8	110.3	110.2	111.8
Q3	95.5	96.7	90.0	90.5	89.3	91.9	105.4	106.1	106.8
Q4	96.4	96.9	91.1	91.8	89.0	92.7	105.2	105.9	105.6
2021 Q1	96.5	97.5	90.0	90.7	90.2	92.0	106.6	107.2	107.5
Q2	100.8	101.2	95.9	96.6	96.1	96.7	104.4	105.1	104.7
Q3	103.2	103.3	97.6	98.3	97.3	98.1	105.8	105.8	105.0
Q4	106.3	106.1	99.2	99.9	99.8	99.3	107.4	107.2	106.2
2022 Q1	109.2	109.1	99.9	100.6	98.7	100.6	110.0	109.3	108.5
Q2	110.7	110.7	100.1	100.9	99.3	100.6	111.8	110.6	109.7
<b>Percentage change, latest year on previous year</b>									
	IHYM	KGL6	IHYP	KGM7	KH6X	L489	KH7D	IHYS	KGM4
2019	3.8	3.9	1.6	1.7	3.2	1.6	1.9	2.1	2.1
2020	-5.8	-4.8	-11.0	-10.6	-12.7	-9.7	5.4	5.9	6.4
2021	7.9	7.2	7.5	7.8	9.8	6.9	0.6	0.4	-0.6
<b>Percentage change, latest quarter on previous quarter</b>									
	IHYN	KGL8	IHYQ	KGM9	KH6Z		KH7E	IHYT	KGM5
2020 Q1	-1.4	-1.1	-2.6	-2.4	-4.0	-2.2	1.0	1.3	1.3
Q2	-15.0	-13.8	-21.0	-21.0	-23.2	-21.2	8.3	7.6	9.1
Q3	12.3	11.6	16.6	16.8	20.4	18.1	-4.4	-3.7	-4.4
Q4	1.0	0.3	1.2	1.4	-0.4	0.9	-0.2	-0.2	-1.1
2021 Q1	0.1	0.6	-1.2	-1.2	1.3	-0.7	1.3	1.3	1.7
Q2	4.4	3.8	6.5	6.6	6.6	5.1	-2.1	-2.0	-2.6
Q3	2.4	2.1	1.8	1.8	1.2	1.4	1.3	0.6	0.3
Q4	3.0	2.8	1.6	1.6	2.6	1.3	1.5	1.3	1.1
2022 Q1	2.7	2.8	0.7	0.7	-1.2	1.3	2.4	2.0	2.2
Q2	1.4	1.4	0.2	0.2	0.6	-	1.6	1.2	1.2
<b>Percentage change, latest quarter on corresponding quarter of previous year</b>									
	IHYO	KGM2	IHYR	KGN3	KH73	L48D	KH7F	IHYU	KGM6
2020 Q1	1.6	2.1	-2.0	-1.5	-2.5	-0.4	3.0	3.6	3.7
Q2	-14.5	-12.9	-22.6	-22.2	-26.0	-21.7	10.7	10.6	12.1
Q3	-5.2	-3.9	-10.3	-9.9	-10.5	-8.7	4.9	5.8	6.6
Q4	-4.9	-4.6	-9.2	-8.6	-11.6	-8.2	4.3	4.7	4.4
2021 Q1	-3.5	-3.0	-7.8	-7.5	-6.7	-6.8	4.7	4.7	4.8
Q2	18.5	16.8	24.3	24.7	29.5	24.3	-5.3	-4.6	-6.3
Q3	8.1	6.8	8.5	8.7	8.9	6.7	0.4	-0.3	-1.7
Q4	10.2	9.5	8.9	8.9	12.1	7.1	2.0	1.2	0.5
2022 Q1	13.1	12.0	10.9	10.9	9.4	9.4	3.1	1.9	0.9
Q2	9.8	9.4	4.4	4.4	3.3	4.1	7.0	5.2	4.8

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.

	Current prices					Chained Volume Measures (Reference year 2019)				
	Gross national income at market prices	Net income from abroad <sup>2</sup>	Gross domestic product at market prices	less Basic price adjust-ment <sup>3</sup>	Gross value added at basic prices	Gross domestic product at market prices	less Basic price adjust-ment <sup>3</sup>	Gross value added at basic prices	Gross value added excluding oil & gas <sup>4, 5</sup>	
	ABMZ	CAES	YBHA	NTAP	ABML	ABMI	NTAO	ABMM	KLS2	
2019	2 237 428	-916	2 238 348	238 191	2 000 157	2 238 348	238 191	2 000 157	1 981 955	
2020	2 062 202	-47 386	2 109 594	206 019	1 903 575	1 991 439	202 705	1 788 734	1 771 171	
2021	2 266 768	-9 943	2 276 715	236 216	2 040 499	2 141 293	213 118	1 928 175	1 913 248	
Seasonally adjusted										
2020 Q1	550 550	-9 351	559 907	57 446	502 461	546 515	56 407	490 108	485 772	
Q2	458 800	-17 050	475 850	42 782	433 068	431 794	44 452	387 342	382 732	
Q3	525 918	-8 253	534 171	50 796	483 375	503 509	51 043	452 466	448 122	
Q4	526 934	-12 732	539 666	54 995	484 671	509 621	50 803	458 818	454 545	
2021 Q1	535 368	-4 796	540 165	52 771	487 394	503 663	50 181	453 482	449 445	
Q2	558 707	-5 396	564 104	58 093	506 011	536 608	53 404	483 204	480 064	
Q3	574 535	-3 083	577 619	61 222	516 397	546 084	54 342	491 742	487 818	
Q4	598 158	3 332	594 827	64 130	530 697	554 938	55 191	499 747	495 921	
2022 Q1	604 742	-6 086	610 829	65 042	545 787	558 776	55 638	503 138	499 200	
Q2	617 624	-1 945	619 570	66 127	553 443	560 089	55 788	504 301	500 367	
Percentage change,latest year on previous year										
	KH74		IHYM		KGL6	IHYP		KGM7	KLH8	
2019	5.1		3.8		3.9	1.6		1.7	1.7	
2020	-7.8		-5.8		-4.8	-11.0		-10.6	-10.6	
2021	9.9		7.9		7.2	7.5		7.8	8.0	
Percentage change, latest quarter on previous quarter										
	KH75		IHYN		KGL8	IHYQ		KGM9		
2020 Q1	-2.8		-1.4		-1.1	-2.6		-2.4	-2.4	
Q2	-16.7		-15.0		-13.8	-21.0		-21.0	-21.2	
Q3	14.6		12.3		11.6	16.6		16.8	17.1	
Q4	0.2		1.0		0.3	1.2		1.4	1.4	
2021 Q1	1.6		0.1		0.6	-1.2		-1.2	-1.1	
Q2	4.4		4.4		3.8	6.5		6.6	6.8	
Q3	2.8		2.4		2.1	1.8		1.8	1.6	
Q4	4.1		3.0		2.8	1.6		1.6	1.7	
2022 Q1	1.1		2.7		2.8	0.7		0.7	0.7	
Q2	2.1		1.4		1.4	0.2		0.2	0.2	
Percentage change, latest quarter on corresponding quarter of previous year										
	KH76		IHYO		KGM2	IHYR		KGN3	KLH9	
2020 Q1	-0.1		1.6		2.1	-2.0		-1.5	-1.4	
Q2	-18.0		-14.5		-12.9	-22.6		-22.2	-22.5	
Q3	-6.3		-5.2		-3.9	-10.3		-9.9	-10.0	
Q4	-6.9		-4.9		-4.6	-9.2		-8.6	-8.7	
2021 Q1	-2.8		-3.5		-3.0	-7.8		-7.5	-7.5	
Q2	21.8		18.5		16.8	24.3		24.7	25.4	
Q3	9.3		8.1		6.8	8.5		8.7	8.9	
Q4	13.5		10.2		9.5	8.9		8.9	9.1	
2022 Q1	13.0		13.1		12.0	10.9		10.9	11.1	
Q2	10.5		9.8		9.4	4.4		4.4	4.2	

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 the new annuals produced as part of Blue Book 2021 for the oil and gas sector, we have decided to only publish this series from 2006 onwards. We will continue this transformation and confront the challenges in the oil and gas industry 2021 changes on quarterly and monthly volume estimates of gross domestic product by industry'.

# B1 Gross value added at chained volume measures basic prices, by category of output<sup>1,2</sup>

2019 = 100

	Production							Service industries						
	Agriculture, forestry, and fishing	Mining & quarrying inc oil & gas extract	Manufacturing	Electric, gas, steam & air	Water supply, sewerage	Total	Construction <sup>5</sup>	Distribution, hotels & restaurants	Transport storage and communications	Business services and finance	Government and other services	Total	Gross value added <sup>4</sup>	Gross value added excluding oil & gas
<b>2019 Weights<sup>3</sup></b>	7	11	97	15	12	135	62	134	103	338	220	796	1000	991
2019	L2KL 100.0	L2KR 100.0	L2KX 100.0	L2MW 100.0	L2N2 100.0	L2KQ 100.0	L2N8 100.0	L2PZ 100.0	KI8M 100.0	KI8O 100.0	KI8Q 100.0	L2NC 100.0	CGCE 100.0	KLH7 100.0
2020	96.5	96.8	100.1	109.1	104.8	101.3	86.5	76.7	87.5	96.8	80.2	87.6	89.4	89.4
2021	102.2	86.0	109.8	115.1	112.9	108.8	97.9	83.1	93.9	101.3	89.1	93.9	96.4	96.5
<b>Seasonally adjusted</b>														
2020 Q1	102.7	96.7	102.2	107.4	104.3	102.5	98.0	90.0	95.5	101.1	96.5	97.2	98.0	98.0
Q2	91.1	99.3	83.8	103.5	100.1	88.7	63.4	56.8	76.8	92.7	63.5	76.6	77.5	77.2
Q3	95.9	96.4	104.2	113.7	106.1	104.8	89.9	83.7	87.8	95.7	79.1	88.1	90.5	90.4
Q4	96.4	94.6	110.3	111.7	108.5	109.0	94.5	76.0	89.8	97.7	81.6	88.6	91.8	91.7
2021 Q1	98.5	91.0	109.5	116.0	111.6	108.9	95.5	69.8	89.5	99.6	77.2	87.1	90.7	90.7
Q2	100.8	75.0	111.0	123.7	111.8	109.6	99.1	85.4	93.3	100.9	89.0	94.0	96.6	96.9
Q3	104.6	90.0	109.8	113.1	112.9	108.9	98.0	89.4	95.2	101.6	92.9	96.2	98.3	98.5
Q4	104.8	88.0	108.9	107.4	115.2	107.6	99.0	88.0	97.9	103.3	97.5	98.4	99.9	100.1
2022 Q1	105.5	90.5	107.2	110.3	116.8	107.0	101.9	88.0	101.1	104.5	96.8	99.1	100.6	100.7
Q2	106.1	89.6	106.0	114.6	119.8	106.9	102.9	87.8	101.8	105.5	95.8	99.4	100.9	101.0
<b>Percentage change, latest year on previous year</b>														
2019	L3BB 16.9	L3BH 2.2	L3BN 1.2	L3DM 14.0	L3DQ -0.3	L3BG 2.3	L3DW 1.5	L3GP 0.5	KI8L 6.4	KI8N -0.1	KI8P 2.4	L3E2 1.5	KGM7 1.7	KLH8 1.7
2020	-3.5	-3.2	0.1	9.1	4.8	1.2	-13.5	-23.3	-12.5	-3.2	-19.8	-12.4	-10.6	-10.6
2021	5.9	-11.1	9.7	5.5	7.7	7.4	13.2	8.5	7.4	4.7	11.2	7.2	7.8	8.0
<b>Percentage change, latest quarter on previous quarter</b>														
2020 Q1	-0.7	2.7	1.0	-3.0	4.1	1.0	-1.7	-8.1	-3.6	0.2	-4.6	-3.0	KGM9 -2.4	-2.4
Q2	-11.3	2.6	-18.0	-3.6	-4.0	-13.5	-35.4	-36.9	-19.6	-8.3	-34.1	-21.2	-21.0	-21.2
Q3	5.2	-2.9	24.3	9.8	6.1	18.1	41.9	47.4	14.3	3.3	24.4	15.0	16.8	17.1
Q4	0.5	-1.8	5.9	-1.8	2.3	4.1	5.1	-9.2	2.3	2.0	3.2	0.6	1.4	1.4
2021 Q1	2.2	-3.9	-0.7	3.9	2.9	-0.1	1.0	-8.3	-0.4	2.0	-5.4	-1.7	-1.2	-1.1
Q2	2.4	-17.5	1.4	6.6	0.1	0.6	3.8	22.4	4.2	1.3	15.3	8.0	6.6	6.8
Q3	3.8	20.0	-1.1	-8.6	1.0	-0.7	-1.1	4.6	2.1	0.7	4.4	2.4	1.8	1.6
Q4	0.2	-2.3	-0.9	-5.0	2.0	-1.1	1.0	-1.6	2.8	1.6	4.9	2.2	1.6	1.7
2022 Q1	0.6	2.8	-1.6	2.7	1.5	-0.6	2.9	-	3.2	1.2	-0.7	0.8	0.7	0.7
Q2	0.6	-1.0	-1.1	3.9	2.6	-0.2	1.1	-0.2	0.7	1.0	-1.0	0.2	0.2	0.2
<b>Percentage change, latest quarter on corresponding quarter of previous year</b>														
2020 Q1	L3ZZ 6.1	L427 -10.9	L42D 2.0	L44C 20.8	L44G 5.2	L426 3.0	L44M -2.2	L47F -10.8	KI12 -4.4	KI19 1.7	KI18 -2.4	L44Q -2.3	KGN3 -1.5	KLH9 -1.4
Q2	-7.0	0.4	-15.1	4.5	-0.3	-10.4	-36.4	-43.7	-23.6	-6.5	-36.2	-23.3	-22.2	-22.5
Q3	-5.8	-2.0	4.2	12.1	5.8	4.7	-10.4	-16.4	-12.6	-4.8	-21.3	-12.4	-9.9	-10.0
Q4	-6.8	0.4	9.0	1.0	8.3	7.3	-5.2	-22.4	-9.4	-3.2	-19.3	-11.7	-8.6	-8.7
2021 Q1	-4.1	-6.0	7.1	8.1	7.1	6.2	-2.6	-22.5	-6.3	-1.5	-20.0	-10.4	-7.5	-7.5
Q2	10.7	-24.5	32.5	19.5	11.7	23.6	56.4	50.3	21.4	8.9	40.1	22.8	24.7	25.4
Q3	9.1	-6.6	5.5	-0.6	6.4	3.9	9.0	6.7	8.4	6.1	17.5	9.3	8.7	8.9
Q4	8.8	-7.0	-1.2	-3.8	6.1	-1.3	4.7	15.7	9.0	5.7	19.5	11.1	8.9	9.1
2022 Q1	7.1	-0.5	-2.1	-4.9	4.6	-1.7	6.7	26.1	12.9	4.9	25.4	13.8	10.9	11.1
Q2	5.2	19.4	-4.6	-7.3	7.2	-2.5	3.9	2.7	9.1	4.6	7.7	5.7	4.4	4.2

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

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

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

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

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

# B2 Gross value added at chained volume measures basic prices, by category of output<sup>1,2</sup>

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 <sup>4</sup>	Total services
<b>2019 Weights<sup>3</sup></b>	104	103	30	82	132	124	49	60	77	34	796
	L2NE	KI8M	L2NQ	L2O6	L2OC	L2OH	L2P8	L2PA	L2PC	L2Q5	L2NC
2019	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2020	81.6	87.5	59.9	100.3	100.0	91.1	95.2	82.5	69.1	79.5	87.6
2021	84.6	93.9	78.9	105.6	100.0	100.2	97.0	92.3	84.4	81.7	93.9
<b>Seasonally adjusted</b>											
2020 Q1	89.8	95.5	91.0	100.9	100.6	101.6	97.2	89.3	101.5	96.3	97.2
Q2	69.0	76.8	15.3	98.8	99.8	81.1	96.4	55.3	50.9	59.6	76.6
Q3	85.2	87.8	78.6	99.8	99.7	88.8	93.8	89.5	60.5	81.2	88.1
Q4	82.2	89.8	54.8	101.5	100.0	92.8	93.2	95.7	63.4	81.0	88.6
2021 Q1	78.5	89.5	40.6	105.4	100.6	94.9	94.1	77.2	67.6	73.5	87.1
Q2	88.0	93.3	77.3	105.6	100.1	98.8	96.8	96.9	81.5	80.1	94.0
Q3	86.2	95.2	100.5	104.9	99.7	101.6	98.2	97.8	89.3	82.7	96.2
Q4	85.6	97.9	97.2	106.6	99.5	105.3	98.7	97.4	99.1	90.4	98.4
2022 Q1	83.9	101.1	102.8	105.6	99.2	109.7	99.8	97.6	94.8	94.0	99.1
Q2	82.5	101.8	106.8	106.1	99.3	111.8	99.8	98.3	91.5	94.4	99.4
<b>Percentage change, latest year on previous year</b>											
	L3E4	KI8L	L3EG	L3EU	L3F2	L3F7	L3FW	L3FY	L3G2	L3GT	L3E2
2019	-0.4	6.4	3.5	-2.5	1.7	-0.3	5.3	6.4	-1.6	0.2	1.5
2020	-18.4	-12.5	-40.1	0.3	-	-8.9	-4.9	-17.5	-30.9	-20.5	-12.4
2021	3.7	7.4	31.6	5.3	-0.1	10.0	1.9	12.0	22.2	2.7	7.2
<b>Percentage change, latest quarter on previous quarter</b>											
2020 Q1	-8.2	-3.6	-7.6	-0.4	1.0	-0.6	-2.5	-11.3	-0.1	-6.4	-3.0
Q2	-23.2	-19.6	-83.2	-2.1	-0.8	-20.2	-0.8	-38.1	-49.9	-38.1	-21.2
Q3	23.5	14.3	412.9	1.1	-0.1	9.6	-2.8	61.8	18.8	36.3	15.0
Q4	-3.5	2.3	-30.3	1.6	0.3	4.5	-0.7	7.0	4.8	-0.3	0.6
2021 Q1	-4.5	-0.4	-25.8	3.8	0.6	2.3	1.0	-19.3	6.7	-9.3	-1.7
Q2	12.1	4.2	90.1	0.2	-0.5	4.1	2.9	25.4	20.5	9.0	8.0
Q3	-2.0	2.1	30.1	-0.6	-0.4	2.8	1.4	1.0	9.7	3.2	2.4
Q4	-0.8	2.8	-3.3	1.6	-0.2	3.6	0.5	-0.4	10.9	9.3	2.2
2022 Q1	-2.0	3.2	5.8	-1.0	-0.4	4.2	1.1	0.2	-4.3	4.0	0.8
Q2	-1.5	0.7	3.9	0.5	0.1	2.0	-	0.8	-3.5	0.4	0.2
<b>Percentage change, latest quarter on corresponding quarter of the previous year</b>											
	L44S	KI12	L456	L45K	L45Q	L45V	L46M	L46O	L46Q	L47J	L44Q
2020 Q1	-10.7	-4.4	-10.9	2.1	0.1	3.1	-3.0	-9.6	3.8	-2.1	-2.3
Q2	-31.9	-23.6	-84.7	0.1	-0.1	-17.8	-3.4	-44.7	-49.0	-39.3	-23.3
Q3	-15.1	-12.6	-21.0	-1.4	-0.3	-11.9	-6.5	-10.9	-40.0	-19.1	-12.4
Q4	-15.9	-9.4	-44.4	0.2	0.4	-9.1	-6.5	-5.0	-37.6	-21.3	-11.7
2021 Q1	-12.6	-6.3	-55.3	4.4	-	-6.5	-3.2	-13.5	-33.4	-23.7	-10.4
Q2	27.5	21.4	404.1	6.9	0.3	21.9	0.4	75.2	60.1	34.5	22.8
Q3	1.2	8.4	27.9	5.1	-	14.3	4.7	9.3	47.8	1.8	9.3
Q4	4.1	9.0	77.4	5.1	-0.4	13.4	6.0	1.8	56.4	11.5	11.1
2022 Q1	6.8	12.9	153.0	0.2	-1.4	15.5	6.0	26.3	40.3	27.9	13.8
Q2	-6.1	9.1	38.2	0.5	-0.8	13.2	3.1	1.5	12.2	17.8	5.7

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 prices<sup>1</sup>

£ million

National expenditure on goods and services at market prices															
Final consumption expenditure								Gross capital formation							
	Household- ds	Non-prof- it instit- utions <sup>2, 7</sup>	General governme- nt	Gross fixed capital formation	Of which business investme- nt <sup>3</sup>	Changes in inven- tories <sup>4</sup>	Of which alignment adjustme- nt	Acquisi- tions less disposals of valuables <sup>5</sup>	Total	Exports	Gross final expen- diture	less Total imports	Trade balance <sup>6</sup>	Statisti- cal discre- pancy (expen- diture)	Gross domestic product at market prices
	ABJQ	HAYE	NMRP	NPQS	NPEK	CAEX	DMUN	NPJQ	YBIL	IKBH	ABMF	IKBI	IKBJ	GIXM	YBHA
2019	1 387 664	52 377	425 579	403 364	224 357	2 631	–	2 880 2	274 496	699 654	2 974 150	735 802	–36 148	–	2 238 348
2020	1 214 474	48 409	475 114	365 883	201 125	–2 851	–	1 006 2	102 037	616 786	2 718 823	609 229	7 557	–	2 109 594
2021	1 326 626	49 482	509 549	392 674	204 480	11 257	–	7 974 2	297 562	636 325	2 933 887	653 897	–17 572	–3 275	2 276 715
Seasonally adjusted															
2020 Q1	337 158	13 154	108 895	98 169	56 321	–1 323	–330	842	556 877	168 869	725 746	165 839	3 030	–	559 907
Q2	259 550	11 525	121 295	80 189	44 763	–8 481	–3 134	–8 672	455 481	145 317	600 798	124 948	20 369	–	475 850
Q3	311 132	11 788	121 224	92 409	49 516	–2 672	294	1 218	534 968	146 334	681 302	147 131	–797	–	534 171
Q4	306 634	11 942	123 700	95 116	50 525	9 625	3 170	7 618	554 711	156 266	710 977	171 311	–15 045	–	539 666
2021 Q1	298 181	11 631	128 774	94 940	47 720	3 018	388	8 415	544 959	146 852	691 811	151 025	–4 173	–621	540 165
Q2	330 838	12 284	126 095	97 256	51 227	–2 828	–2 904	–773	562 872	158 389	721 261	156 053	2 336	–1 104	564 104
Q3	345 387	12 659	126 559	99 184	52 436	6 187	3 199	3 443	593 418	154 292	747 710	169 069	–14 777	–1 022	577 619
Q4	352 220	12 908	128 121	101 294	53 097	4 880	–683	–3 111	596 313	176 792	773 105	177 750	–958	–528	594 827
2022 Q1	361 864	12 814	132 907	105 925	52 385	21 697	7 849	8 387	643 594	174 415	818 009	206 638	–32 223	–542	610 829
Q2	373 479	12 853	126 827	106 981	56 389	23 585	10 322	2 613	646 338	189 617	835 955	215 835	–26 218	–550	619 570
Percentage change, latest year on previous year															
	KG Y7	KG Z8	KH 2C	KG 6O	KG 6N				KG X3	KH 2O	KG V7	KH 3H			IHYM
2019	2.6	5.8	6.8	4.5	3.8				3.8	3.8	3.8	4.1			3.8
2020	–12.5	–7.6	11.6	–9.3	–10.4				–7.6	–11.8	–8.6	–17.2			–5.8
2021	9.2	2.2	7.2	7.3	1.7				9.3	3.2	7.9	7.3			7.9
Percentage change, latest quarter on previous quarter															
	KG Y8	KG Z9	KH 2D	KG 6W	KG 6V				KG X4	KH 2P	KG V8	KH 3I			IHYN
2020 Q1	–3.2	2.4	–0.5	–3.3	–1.5				–0.3	–8.4	–2.3	–5.4			–1.4
Q2	–23.0	–12.4	11.4	–18.2	–20.5				–18.2	–13.9	–17.2	–24.7			–15.0
Q3	19.9	2.3	–0.1	15.0	10.6				17.5	0.7	13.4	17.8			12.3
Q4	–1.4	1.3	2.0	3.2	2.0				3.7	6.8	4.4	16.4			1.0
2021 Q1	–2.8	–2.6	4.1	–0.3	–5.6				–1.8	–6.0	–2.7	–11.8			0.1
Q2	11.0	5.6	–2.1	2.4	7.3				3.3	7.9	4.3	3.3			4.4
Q3	4.4	3.1	0.4	2.0	2.4				5.4	–2.6	3.7	8.3			2.4
Q4	2.0	2.0	1.2	2.1	1.3				0.5	14.6	3.4	5.1			3.0
2022 Q1	2.7	–0.7	3.7	4.6	–1.3				7.9	–1.3	5.8	16.3			2.7
Q2	3.2	0.3	–4.6	1.0	7.6				0.4	8.7	2.2	4.5			1.4
Percentage change, latest quarter on corresponding quarter of previous year															
	KG Y9	KH 22	KH 2E	KG 76	KG 75				KG X5	KH 2Q	KG V9	KH 3J			IHYO
2020 Q1	–1.9	1.5	5.8	–1.9	2.3				–3.7	0.3	–2.8	–15.2			1.6
Q2	–25.3	–13.4	14.7	–19.5	–19.5				–19.9	–13.5	–18.4	–30.6			–14.5
Q3	–10.6	–11.1	12.7	–9.5	–12.4				–6.0	–18.2	–8.9	–20.4			–5.2
Q4	–12.0	–7.1	13.1	–6.3	–11.7				–0.7	–15.3	–4.3	–2.3			–4.9
2021 Q1	–11.6	–11.6	18.3	–3.3	–15.3				–2.1	–13.0	–4.7	–8.9			–3.5
Q2	27.5	6.6	4.0	21.2	14.4				23.6	9.0	20.1	24.9			18.5
Q3	11.0	7.4	4.4	7.5	5.9				10.9	5.4	9.7	14.9			8.1
Q4	14.9	8.1	3.6	6.4	5.1				7.5	13.1	8.7	3.8			10.2
2022 Q1	21.4	10.2	3.2	11.6	9.8				18.1	18.8	18.2	36.8			13.1
Q2	12.9	4.6	0.6	10.0	10.1				14.8	19.7	15.9	38.3			9.8

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

2 Non-profit institutions serving households.

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

4 Quarterly alignment adjustment included in this series.

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

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

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



# C2 Gross domestic product by category of expenditure: chained volume measures<sup>1</sup>

Reference year 2019, £ million

National expenditure on goods and services at market prices																
	Final consumption expenditure				Gross capital formation					Acquisitions less disposals of					Statistical discrepancy (expenditure)	Gross domestic product at market prices
	Households	Non-profit institutions <sup>2, 7</sup>	General government	Gross fixed capital formation	Of which business investment <sup>3</sup>	Changes in inventories <sup>4</sup>	Of which alignment adjustment	Acquisitions less disposals of	Total	Total	Exports	Gross final expenditure	less imports	Trade balance <sup>5</sup>		
	ABJR	HAYO	NMRY	NPQT	NPEL	CAFU	DMUM	NPJR	YBIM	IKBK	ABMG	IKBL	IKBM	GIXS	ABMI	
2019	1 387 664	52 377	425 579	403 365	225 260	2 631	–	2 880 2	274 496	699 654	2 974 150	735 802	–36 148	–	2 238 348	
2020	1 208 053	42 310	394 460	361 002	198 413	–11 385	–	–398 1	994 042	615 109	2 609 151	617 712	–2 603	–	1 991 439	
2021	1 283 390	44 770	444 283	381 082	198 180	6 735	–	5 751 2	166 011	613 260	2 779 271	634 890	–21 630	–3 088	2 141 293	
<b>Seasonally adjusted</b>																
2020 Q1	336 134	12 197	104 088	96 825	55 477	–3 480	–351.0	784	546 548	167 651	714 199	167 684	–33	–	546 515	
Q2	259 158	8 860	85 179	78 812	43 963	–10 347	–2 868.0	–8 702	412 961	146 526	559 487	127 693	18 833	–	431 794	
Q3	308 681	10 477	100 663	91 209	48 806	–4 848	249.0	1 208	507 389	146 053	653 442	149 933	–3 880	–	503 509	
Q4	304 080	10 776	104 530	94 156	50 167	7 290	2 970.0	6 312	527 144	154 879	682 023	172 402	–17 523	–	509 621	
2021 Q1	293 162	9 924	104 634	92 834	46 892	3 792	356.0	6 641	510 987	144 383	655 370	151 128	–6 745	–579	503 663	
Q2	323 107	11 542	112 510	95 283	49 872	–2 798	–2 759.0	–747	538 897	154 911	693 808	156 150	–1 239	–1 050	536 608	
Q3	332 459	11 602	112 792	95 912	50 446	5 302	3 032.0	2 725	560 792	149 165	709 957	162 907	–13 742	–966	546 084	
Q4	334 662	11 702	114 347	97 053	50 970	439	–629.0	–2 868	555 335	164 801	720 136	164 705	96	–493	554 938	
2022 Q1	336 738	11 747	113 062	100 411	50 597	17 132	7 184.0	5 962	585 052	157 385	742 437	183 165	–25 780	–496	558 776	
Q2	337 005	12 105	111 340	98 989	52 449	16 676	9 333.0	1 981	578 096	162 985	741 081	180 495	–17 510	–497	560 089	
<b>Percentage change, latest year on previous year</b>																
	KGZ5	KH26	KH2I	KG7N	KG7M				KGX9	KH2U	KGW5	KH3N				IHYP
2019	1.0	3.0	4.1	1.9	1.3				1.9	1.7	1.9	2.6				1.6
2020	–12.9	–19.2	–7.3	–10.5	–11.9				–12.3	–12.1	–12.3	–16.0				–11.0
2021	6.2	5.8	12.6	5.6	–0.1				8.6	–0.3	6.5	2.8				7.5
<b>Percentage change, latest quarter on previous quarter</b>																
	KGZ6	KH27	KH2J	KG7Q	KG7P				KGY2	KH2V	KGW6	KH3O				IHYQ
2020 Q1	–2.9	–3.2	–3.4	–3.8	–2.7				–1.3	–9.0	–3.2	–5.1				–2.6
Q2	–22.9	–27.4	–18.2	–18.6	–20.8				–24.4	–12.6	–21.7	–23.8				–21.0
Q3	19.1	18.3	18.2	15.7	11.0				22.9	–0.3	16.8	17.4				16.6
Q4	–1.5	2.9	3.8	3.2	2.8				3.9	6.0	4.4	15.0				1.2
2021 Q1	–3.6	–7.9	0.1	–1.4	–6.5				–3.1	–6.8	–3.9	–12.3				–1.2
Q2	10.2	16.3	7.5	2.6	6.4				5.5	7.3	5.9	3.3				6.5
Q3	2.9	0.5	0.3	0.7	1.2				4.1	–3.7	2.3	4.3				1.8
Q4	0.7	0.9	1.4	1.2	1.0				–1.0	10.5	1.4	1.1				1.6
2022 Q1	0.6	0.4	–1.1	3.5	–0.7				5.4	–4.5	3.1	11.2				0.7
Q2	0.1	3.0	–1.5	–1.4	3.7				–1.2	3.6	–0.2	–1.5				0.2
<b>Percentage change, latest quarter on corresponding quarter of previous year</b>																
	KGZ7	KH28	KH2K	KG7T	KG7S				KGY3	KH2W	KGW7	KH3P				IHYR
2020 Q1	–2.9	–8.7	–0.5	–4.2	–0.5				–6.5	–1.6	–5.4	–15.0				–2.0
Q2	–25.5	–33.0	–20.2	–21.2	–21.4				–27.6	–12.6	–24.2	–29.1				–22.6
Q3	–11.1	–20.6	–5.5	–10.3	–13.7				–10.3	–17.6	–12.1	–17.5				–10.3
Q4	–12.2	–14.5	–3.0	–6.5	–12.0				–4.8	–16.0	–7.6	–2.5				–9.2
2021 Q1	–12.8	–18.6	0.5	–4.1	–15.5				–6.5	–13.9	–8.2	–9.9				–7.8
Q2	24.7	30.3	32.1	20.9	13.4				30.5	5.7	24.0	22.3				24.3
Q3	7.7	10.7	12.0	5.2	3.4				10.5	2.1	8.6	8.7				8.5
Q4	10.1	8.6	9.4	3.1	1.6				5.3	6.4	5.6	–4.5				8.9
2022 Q1	14.9	18.4	8.1	8.2	7.9				14.5	9.0	13.3	21.2				10.9
Q2	4.3	4.9	–1.0	3.9	5.2				7.3	5.2	6.8	15.6				4.4

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

2 Non-profit institutions serving households.

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

4 Quarterly alignment adjustment included in this series.

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

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

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

# D Gross domestic product by category of income: current prices<sup>1</sup>

£ 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 <sup>2</sup>	Of which alignment adjustment	Financial corporations	Public corporations	Total <sup>3</sup>	Other income <sup>4</sup>				
	DTWL	DTWP	DTWM	CAER	DMUQ	NHCZ	CAEQ	CGBZ	CGBX	CGCB	CMVL	GIXQ	YBHA
2019	899 309	190 848	1 090 157	390 647	–	80 934	11 866	483 447	399 645	1 973 249	265 099	–	2 238 348
2020	898 500	196 312	1 094 812	387 857	–	83 329	11 746	482 932	399 638	1 977 382	132 212	–	2 109 594
2021	954 344	203 554	1 157 898	399 224	–	86 672	12 476	498 372	411 949	2 068 219	208 793	–297	2 276 715
Seasonally adjusted													
2020 Q1	226 535	48 632	275 167	96 369	–1 571	23 199	2 900	122 468	100 118	497 753	62 154	–	559 907
Q2	219 146	47 335	266 481	91 493	933	20 216	2 611	114 320	99 323	480 124	–4 274	–	475 850
Q3	223 430	49 652	273 082	104 290	2 011	19 749	2 988	127 027	99 701	499 810	34 361	–	534 171
Q4	229 389	50 693	280 082	95 705	–1 373	20 165	3 247	119 117	100 496	499 695	39 971	–	539 666
2021 Q1	230 476	49 805	280 281	98 182	236	20 965	2 949	122 096	101 758	504 135	35 783	247	540 165
Q2	236 851	50 428	287 279	101 559	2 170	22 006	3 313	126 878	102 935	517 092	46 729	283	564 104
Q3	241 252	51 453	292 705	98 710	–923	21 592	3 013	123 315	103 067	519 087	58 659	–127	577 619
Q4	245 765	51 868	297 633	100 773	–1 483	22 109	3 201	126 083	104 189	527 905	67 622	–700	594 827
2022 Q1	251 002	53 408	304 410	105 233	–1 111	22 677	3 126	131 036	107 211	542 657	68 892	–720	610 829
Q2	252 704	55 255	307 959	105 890	133	23 209	2 918	132 017	108 729	548 705	71 597	–732	619 570
Percentage change, latest year on previous year													
	CWNH	CWNE	KGI3	KH59		KH5L	KH53	KH4V	KH6T	KH6N	KH65		IHYM
2019	3.9	8.4	4.6	3.8		–1.9	4.2	2.8	3.4	3.9	2.5		3.8
2020	–0.1	2.9	0.4	–0.7		3.0	–1.0	–0.1	–	0.2	–50.1		–5.8
2021	6.2	3.7	5.8	2.9		4.0	6.2	3.2	3.1	4.6	57.9		7.9
Percentage change, latest quarter on previous quarter													
	CWNI	CWNF	KGI4	KH5A		KH5M	KH54	KH4W	KH6U	KH6O	KH66		IHYN
2020 Q1	0.7	0.4	0.7	–6.6		13.2	–5.8	–3.4	–1.0	–0.7	–6.5		–1.4
Q2	–3.3	–2.7	–3.2	–5.1		–12.9	–10.0	–6.7	–0.8	–3.5	–106.9		–15.0
Q3	2.0	4.9	2.5	14.0		–2.3	14.4	11.1	0.4	4.1	–904.0		12.3
Q4	2.7	2.1	2.6	–8.2		2.1	8.7	–6.2	0.8	–	16.3		1.0
2021 Q1	0.5	–1.8	0.1	2.6		4.0	–9.2	2.5	1.3	0.9	–10.5		0.1
Q2	2.8	1.3	2.5	3.4		5.0	12.3	3.9	1.2	2.6	30.6		4.4
Q3	1.9	2.0	1.9	–2.8		–1.9	–9.1	–2.8	0.1	0.4	25.5		2.4
Q4	1.9	0.8	1.7	2.1		2.4	6.2	2.2	1.1	1.7	15.3		3.0
2022 Q1	2.1	3.0	2.3	4.4		2.6	–2.3	3.9	2.9	2.8	1.9		2.7
Q2	0.7	3.5	1.2	0.6		2.3	–6.7	0.7	1.4	1.1	3.9		1.4
Percentage change, latest quarter on corresponding quarter of previous year													
	CWNJ	CWNG	KGI5	KH5B		KH5N	KH55	KH4X	KH6V	KH6P	KH67		IHYO
2020 Q1	1.7	5.1	2.3	1.8		16.8	8.1	4.5	1.1	2.6	–5.7		1.6
Q2	–2.9	–0.8	–2.6	–2.5		0.7	–13.0	–2.2	–0.5	–2.1	–106.5		–14.5
Q3	–1.1	2.5	–0.5	5.5		–3.7	–3.7	3.7	–	0.7	–48.4		–5.2
Q4	2.0	4.7	2.5	–7.3		–1.6	5.5	–6.1	–0.6	–0.3	–39.9		–4.9
2021 Q1	1.7	2.4	1.9	1.9		–9.6	1.7	–0.3	1.6	1.3	–42.4		–3.5
Q2	8.1	6.5	7.8	11.0		8.9	26.9	11.0	3.6	7.7	–1 193.3		18.5
Q3	8.0	3.6	7.2	–5.4		9.3	0.8	–2.9	3.4	3.9	70.7		8.1
Q4	7.1	2.3	6.3	5.3		9.6	–1.4	5.8	3.7	5.6	69.2		10.2
2022 Q1	8.9	7.2	8.6	7.2		8.2	6.0	7.3	5.4	7.6	92.5		13.1
Q2	6.7	9.6	7.2	4.3		5.5	–11.9	4.1	5.6	6.1	53.2		9.8

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 <sup>2</sup>															
UK DOMESTIC <sup>3</sup>															
	Total	Net tourism	Total	Food & drink	Alcohol & tobacco	Clothing & footwear	Housing	Household goods & services	Health	Transport	Communication	Recreation & culture	Education	Restaurants & hotels	Miscellaneous
COICOP <sup>1</sup>	-	-	0	01	02	03	04	05	06	07	08	09	10	11	12
	ABJQ	ABTF	ZAKV	ZWUM	ZAKX	ZAKZ	ZAVN	ZAVV	ZAWB	ZAWL	ZAWV	ZAWZ	ZWUS	ZAXR	ZAYF
2019	1 387 664	24 283	1 363 381	110 325	46 971	69 852	352 210	66 813	28 609	193 279	27 957	132 386	29 663	143 174	162 142
2020	1 214 474	6 051	1 208 423	120 091	52 828	55 678	357 711	68 759	24 308	126 961	28 552	114 408	30 609	87 185	141 333
2021	1 326 626	6 095	1 320 531	122 683	52 507	64 718	367 588	73 511	25 505	150 560	28 364	129 438	33 223	122 034	150 400
Seasonally adjusted															
2020 Q1	337 158	4 392	332 766	29 869	11 982	15 481	88 950	16 919	6 936	43 134	7 308	32 434	7 658	33 919	38 176
Q2	259 550	291	259 259	30 643	13 681	11 639	89 416	15 886	4 839	16 993	7 000	24 282	7 530	6 541	30 809
Q3	311 132	550	310 582	29 845	13 556	14 415	89 390	18 377	5 903	34 752	7 328	28 004	7 611	25 088	36 313
Q4	306 634	818	305 816	29 734	13 609	14 143	89 955	17 577	6 630	32 082	6 916	29 688	7 810	21 637	36 035
2021 Q1	298 181	195	297 986	31 012	13 390	13 604	90 983	17 036	6 121	29 869	6 959	30 086	8 088	15 584	35 254
Q2	330 838	531	330 307	30 638	13 437	16 860	91 990	19 138	6 380	36 119	7 241	32 337	8 235	29 886	38 046
Q3	345 387	2 916	342 471	30 314	12 970	16 717	91 494	18 492	6 547	40 355	7 082	33 100	8 378	39 039	37 983
Q4	352 220	2 453	349 767	30 719	12 710	17 537	93 121	18 845	6 457	44 217	7 082	33 915	8 522	37 525	39 117
2022 Q1	361 864	2 399	359 465	30 393	12 579	18 195	94 240	20 081	6 490	45 239	7 303	35 277	8 664	40 693	40 311
Q2	373 479	1 885	371 594	31 312	12 720	18 359	98 363	19 831	6 890	47 568	7 240	35 605	8 810	43 210	41 686
Percentage change, latest year on previous year															
	KG7Y		KG6U	KG9N	KG7F	KG7G	KG7H	KG7I	KG7J	KG7K	KG7L	KG7M	KG7N	KG7O	KG7P
2019	2.6		2.5	3.2	1.1	4.0	1.6	3.1	1.3	2.3	-1.1	5.4	2.3	2.7	2.3
2020	-12.5		-11.4	8.9	12.5	-20.3	1.6	2.9	-15.0	-34.3	2.1	-13.6	3.2	-39.1	-12.8
2021	9.2		9.3	2.2	-0.6	16.2	2.8	6.9	4.9	18.6	-0.7	13.1	8.5	40.0	6.4
Percentage change, latest quarter on previous quarter															
	KG8Y		KG7A	KG9R	KG7F	KG7G	KG7H	KG7I	KG7J	KG7K	KG7L	KG7M	KG7N	KG7O	KG7P
2020 Q1	-3.2		-2.8	6.1	2.2	-11.6	0.7	2.5	-1.9	-9.8	2.5	-2.4	2.4	-6.5	-6.9
Q2	-23.0		-22.1	2.6	14.2	-24.8	0.5	-6.1	-30.2	-60.6	-4.2	-25.1	-1.7	-80.7	-19.3
Q3	19.9		19.8	-2.6	-0.9	23.9	-	15.7	22.0	104.5	4.7	15.3	1.1	283.5	17.9
Q4	-1.4		-1.5	-0.4	0.4	-1.9	0.6	-4.4	12.3	-7.7	-5.6	6.0	2.6	-13.8	-0.8
2021 Q1	-2.8		-2.6	4.3	-1.6	-3.8	1.1	-3.1	-7.7	-6.9	0.6	1.3	3.6	-28.0	-2.2
Q2	11.0		10.8	-1.2	0.4	23.9	1.1	12.3	4.2	20.9	4.1	7.5	1.8	91.8	7.9
Q3	4.4		3.7	-1.1	-3.5	-0.8	-0.5	-3.4	2.6	11.7	-2.2	2.4	1.7	30.6	-0.2
Q4	2.0		2.1	1.3	-2.0	4.9	1.8	1.9	-1.4	9.6	-	2.5	1.7	-3.9	3.0
2022 Q1	2.7		2.8	-1.1	-1.0	3.8	1.2	6.6	0.5	2.3	3.1	4.0	1.7	8.4	3.1
Q2	3.2		3.4	3.0	1.1	0.9	4.4	-1.2	6.2	5.1	-0.9	0.9	1.7	6.2	3.4
Percentage change, latest quarter on corresponding quarter of previous year															
	KG9Y		KG7C	KG9V	KG7F	KG7G	KG7H	KG7I	KG7J	KG7K	KG7L	KG7M	KG7N	KG7O	KG7P
2020 Q1	-1.9		-1.7	9.9	1.6	-10.8	2.0	3.1	-5.6	-10.7	6.3	-0.1	4.0	-4.0	-6.4
Q2	-25.3		-24.0	12.3	17.4	-33.0	0.9	-6.5	-32.2	-65.2	0.4	-27.2	1.9	-81.6	-23.3
Q3	-10.6		-9.0	7.8	14.8	-18.1	1.6	8.8	-16.3	-28.1	5.0	-16.0	2.4	-30.4	-9.7
Q4	-12.0		-10.7	5.6	16.1	-19.3	1.8	6.4	-6.2	-32.9	-3.0	-10.6	4.4	-40.4	-12.1
2021 Q1	-11.6		-10.5	3.8	11.8	-12.1	2.3	0.7	-11.8	-30.8	-4.8	-7.2	5.6	-54.1	-7.7
Q2	27.5		27.4	-	-1.8	44.9	2.9	20.5	31.8	112.6	3.4	33.2	9.4	356.9	23.5
Q3	11.0		10.3	1.6	-4.3	16.0	2.4	0.6	10.9	16.1	-3.4	18.2	10.1	55.6	4.6
Q4	14.9		14.4	3.3	-6.6	24.0	3.5	7.2	-2.6	37.8	2.4	14.2	9.1	73.4	8.6
2022 Q1	21.4		20.6	-2.0	-6.1	33.7	3.6	17.9	6.0	51.5	4.9	17.3	7.1	161.1	14.3
Q2	12.9		12.5	2.2	-5.3	8.9	6.9	3.6	8.0	31.7	-	10.1	7.0	44.6	9.6

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 <sup>2</sup>								
UK DOMESTIC <sup>3</sup>								
	Total	Net tourism	Goods					Services
			Total	Total	Durable goods	Semi- durable goods	Non- durable goods	
COICOP <sup>1</sup>					D	SD	ND	S
	ABJQ	ABTF	ZAKV	UTIF	UTIB	UTIR	UTIJ	UTIN
2019	1 387 664	24 283	1 363 381	558 832	134 513	131 728	292 591	804 549
2020	1 214 474	6 051	1 208 423	535 736	126 615	112 714	296 407	672 687
2021	1 326 626	6 095	1 320 531	574 897	137 861	127 351	309 685	745 634
Seasonally adjusted								
2020 Q1	337 158	4 392	332 766	137 397	32 433	29 885	75 079	195 369
Q2	259 550	291	259 259	120 565	23 868	24 260	72 437	138 694
Q3	311 132	550	310 582	140 750	36 933	29 278	74 539	169 832
Q4	306 634	818	305 816	137 024	33 381	29 291	74 352	168 792
2021 Q1	298 181	195	297 986	134 217	30 294	28 282	75 641	163 769
Q2	330 838	531	330 307	147 803	36 096	33 338	78 369	182 504
Q3	345 387	2 916	342 471	144 302	35 088	32 411	76 803	198 169
Q4	352 220	2 453	349 767	148 575	36 383	33 320	78 872	201 192
2022 Q1	361 864	2 399	359 465	152 264	38 139	34 686	79 439	207 201
Q2	373 479	1 885	371 594	156 918	37 175	35 043	84 700	214 676
Percentage change, latest year on previous year								
	KG7Y		KG6U	KHC9	KHB5	KHH5	KHE5	KHF9
2019	2.6		2.5	2.9	3.0	6.3	1.4	2.2
2020	-12.5		-11.4	-4.1	-5.9	-14.4	1.3	-16.4
2021	9.2		9.3	7.3	8.9	13.0	4.5	10.8
Percentage change, latest quarter on previous quarter								
	KG78		KG74	KHD2	KHB6	KHH6	KHE6	KHG2
2020 Q1	-3.2		-2.8	-1.7	-2.8	-9.5	2.2	-3.5
Q2	-23.0		-22.1	-12.3	-26.4	-18.8	-3.5	-29.0
Q3	19.9		19.8	16.7	54.7	20.7	2.9	22.5
Q4	-1.4		-1.5	-2.6	-9.6	-	-0.3	-0.6
2021 Q1	-2.8		-2.6	-2.0	-9.2	-3.4	1.7	-3.0
Q2	11.0		10.8	10.1	19.2	17.9	3.6	11.4
Q3	4.4		3.7	-2.4	-2.8	-2.8	-2.0	8.6
Q4	2.0		2.1	3.0	3.7	2.8	2.7	1.5
2022 Q1	2.7		2.8	2.5	4.8	4.1	0.7	3.0
Q2	3.2		3.4	3.1	-2.5	1.0	6.6	3.6
Percentage change, latest quarter on corresponding quarter of previous year								
	KG79		KG7C	KHD3	KHB7	KHH7	KHE7	KHG3
2020 Q1	-1.9		-1.7	-0.5	-2.5	-7.6	3.5	-2.5
Q2	-25.3		-24.0	-14.3	-30.1	-26.3	-1.6	-30.9
Q3	-10.6		-9.0	0.4	9.5	-12.5	2.2	-15.6
Q4	-12.0		-10.7	-2.0	-	-11.3	1.2	-16.6
2021 Q1	-11.6		-10.5	-2.3	-6.6	-5.4	0.7	-16.2
Q2	27.5		27.4	22.6	51.2	37.4	8.2	31.6
Q3	11.0		10.3	2.5	-5.0	10.7	3.0	16.7
Q4	14.9		14.4	8.4	9.0	13.8	6.1	19.2
2022 Q1	21.4		20.6	13.4	25.9	22.6	5.0	26.5
Q2	12.9		12.5	6.2	3.0	5.1	8.1	17.6

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 <sup>2</sup>															
UK DOMESTIC <sup>3</sup>															
COICOP <sup>1</sup>	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
2019	1 387 664	24 283	1 363 381	110 325	46 971	69 852	352 210	66 813	28 609	193 279	27 957	132 386	29 663	143 174	162 142
2020	1 208 053	5 941	1 202 112	119 208	51 526	56 250	356 379	68 731	23 766	125 233	29 071	112 690	28 196	86 018	145 044
2021	1 283 390	6 334	1 277 056	120 703	49 634	64 906	359 646	70 774	24 495	139 509	29 759	123 936	31 451	114 918	147 325
Seasonally adjusted															
2020 Q1	336 134	4 435	331 699	29 695	11 890	15 494	88 551	16 915	6 787	42 682	7 359	32 157	7 526	33 539	39 104
Q2	259 158	230	258 928	30 228	13 274	11 946	89 188	15 975	4 766	17 217	6 995	23 989	6 577	6 475	32 298
Q3	308 681	569	308 112	29 635	13 176	14 501	88 926	18 312	5 755	33 989	7 517	27 508	6 972	24 846	36 975
Q4	304 080	707	303 373	29 650	13 186	14 309	89 714	17 529	6 458	31 345	7 200	29 036	7 121	21 158	36 667
2021 Q1	293 162	487	292 675	30 872	12 644	14 489	90 142	16 850	5 872	27 560	7 179	29 427	7 750	14 844	35 046
Q2	323 107	590	322 517	30 455	12 829	17 085	90 820	18 667	6 150	34 681	7 532	31 288	7 889	27 654	37 467
Q3	332 459	2 574	329 885	29 759	12 208	16 364	89 276	17 636	6 300	37 378	7 461	31 350	7 996	36 627	37 530
Q4	334 662	2 683	331 979	29 617	11 953	16 968	89 408	17 621	6 173	39 890	7 587	31 871	7 816	35 793	37 282
2022 Q1	336 738	2 458	334 280	28 807	11 514	17 966	89 579	18 036	6 070	38 111	7 751	32 967	7 945	37 865	37 669
Q2	337 005	1 207	335 798	28 653	11 682	17 367	89 631	17 503	6 460	40 585	7 585	32 788	8 080	38 098	37 366
Percentage change, latest year on previous year															
	KGZ5		KG7O	KG9Y	KGf6	KGG4	KGH2	KGH8	KGi9	KGJ7	KGK5	KGL3	KGB8	KGD4	KGE8
2019	1.0		1.0	1.5	-2.0	4.5	0.2	2.1	-1.4	-1.2	12.6	3.4	-0.4	-0.3	2.3
2020	-12.9		-11.8	8.1	9.7	-19.5	1.2	2.9	-16.9	-35.2	4.0	-14.9	-4.9	-39.9	-10.5
2021	6.2		6.2	1.3	-3.7	15.4	0.9	3.0	3.1	11.4	2.4	10.0	11.5	33.6	1.6
Percentage change, latest quarter on previous quarter															
	KGZ6		KG7R	KGA3	KGf7	KGG5	KGH3	KGH9	KGJ2	KGJ8	KGK6	KGL4	KGB9	KGD5	KGE9
2020 Q1	-2.9		-2.4	6.1	1.9	-11.2	0.6	3.1	-3.4	-9.7	2.0	-2.7	2.3	-6.7	-3.7
Q2	-22.9		-21.9	1.8	11.6	-22.9	0.7	-5.6	-29.8	-59.7	-4.9	-25.4	-12.6	-80.7	-17.4
Q3	19.1		19.0	-2.0	-0.7	21.4	-0.3	14.6	20.8	97.4	7.5	14.7	6.0	283.7	14.5
Q4	-1.5		-1.5	0.1	0.1	-1.3	0.9	-4.3	12.2	-7.8	-4.2	5.6	2.1	-14.8	-0.8
2021 Q1	-3.6		-3.5	4.1	-4.1	1.3	0.5	-3.9	-9.1	-12.1	-0.3	1.3	8.8	-29.8	-4.4
Q2	10.2		10.2	-1.4	1.5	17.9	0.8	10.8	4.7	25.8	4.9	6.3	1.8	86.3	6.9
Q3	2.9		2.3	-2.3	-4.8	-4.2	-1.7	-5.5	2.4	7.8	-0.9	0.2	1.4	32.4	0.2
Q4	0.7		0.6	-0.5	-2.1	3.7	0.1	-0.1	-2.0	6.7	1.7	1.7	-2.3	-2.3	-0.7
2022 Q1	0.6		0.7	-2.7	-3.7	5.9	0.2	2.4	-1.7	-4.5	2.2	3.4	1.7	5.8	1.0
Q2	0.1		0.5	-0.5	1.5	-3.3	0.1	-3.0	6.4	6.5	-2.1	-0.5	1.7	0.6	-0.8
Percentage change, latest quarter on corresponding quarter of previous year															
	KGZ7		KG7U	KGA6	KGf8	KGG6	KGH4	KGi2	KGJ3	KGJ9	KGK7	KGL5	KGC2	KGD6	KGf2
2020 Q1	-2.9		-2.6	8.3	-	-10.7	0.7	2.6	-8.3	-12.6	10.4	-1.4	1.6	-6.2	-4.3
Q2	-25.5		-24.3	10.6	14.1	-31.5	0.8	-6.2	-33.3	-65.0	-0.6	-28.3	-11.6	-81.8	-20.0
Q3	-11.1		-9.5	7.4	11.8	-17.7	1.4	8.4	-18.2	-29.1	6.7	-17.3	-6.6	-30.8	-8.2
Q4	-12.2		-10.8	6.0	13.0	-18.0	1.9	6.8	-8.0	-33.7	-0.2	-12.2	-3.2	-41.1	-9.7
2021 Q1	-12.8		-11.8	4.0	6.3	-6.5	1.8	-0.4	-13.5	-35.4	-2.4	-8.5	3.0	-55.7	-10.4
Q2	24.7		24.6	0.8	-3.4	43.0	1.8	16.9	29.0	101.4	7.7	30.4	19.9	327.1	16.0
Q3	7.7		7.1	0.4	-7.3	12.8	0.4	-3.7	9.5	10.0	-0.7	14.0	14.7	47.4	1.5
Q4	10.1		9.4	-0.1	-9.4	18.6	-0.3	0.5	-4.4	27.3	5.4	9.8	9.8	69.2	1.7
2022 Q1	14.9		14.2	-6.7	-8.9	24.0	-0.6	7.0	3.4	38.3	8.0	12.0	2.5	155.1	7.5
Q2	4.3		4.1	-5.9	-8.9	1.7	-1.3	-6.2	5.0	17.0	0.7	4.8	2.4	37.8	-0.3

1 ESA 10 Classification of Individual Consumption by Purpose.

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

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

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

Reference year 2019, £ million

UK NATIONAL <sup>2</sup>								
UK DOMESTIC <sup>3</sup>								
COICOP <sup>1</sup>	Total	Net tourism	Total	Goods				
				Total	Durable goods	Semi- durable goods	Non- durable goods	Services
					D	SD	ND	S
	ABJR	ABTH	ZAKW	UTIH	UTID	UTIT	UTIL	UTIP
2019	1 387 664	24 283	1 363 381	558 832	134 513	131 728	292 591	804 549
2020	1 208 053	5 941	1 202 112	533 192	123 657	113 052	296 483	668 920
2021	1 283 390	6 334	1 277 056	554 512	127 832	125 840	300 840	722 544
<b>Seasonally adjusted</b>								
2020 Q1	336 134	4 435	331 699	136 562	32 078	29 878	74 606	195 137
Q2	259 158	230	258 928	120 442	23 640	24 527	72 275	138 486
Q3	308 681	569	308 112	139 623	35 693	29 275	74 655	168 489
Q4	304 080	707	303 373	136 565	32 246	29 372	74 947	166 808
2021 Q1	293 162	487	292 675	131 845	27 698	29 158	74 989	160 830
Q2	323 107	590	322 517	145 188	34 322	33 196	77 670	177 329
Q3	332 459	2 574	329 885	138 226	32 520	31 465	74 241	191 659
Q4	334 662	2 683	331 979	139 253	33 292	32 021	73 940	192 726
2022 Q1	336 738	2 458	334 280	138 152	32 029	33 378	72 745	196 128
Q2	337 005	1 207	335 798	137 811	32 850	32 499	72 462	197 987
<b>Percentage change, latest year on previous year</b>								
	KGZ5		KG7O	KHD7	KHC3	KHI3	KHF3	KHG7
2019	1.0		1.0	1.1	0.3	6.0	-0.6	1.0
2020	-12.9		-11.8	-4.6	-8.1	-14.2	1.3	-16.9
2021	6.2		6.2	4.0	3.4	11.3	1.5	8.0
<b>Percentage change, latest quarter on previous quarter</b>								
	KGZ6		KG7R	KHD8	KHC4	KHI4	KHF4	KHG8
2020 Q1	-2.9		-2.4	-1.8	-3.7	-9.1	2.2	-2.9
Q2	-22.9		-21.9	-11.8	-26.3	-17.9	-3.1	-29.0
Q3	19.1		19.0	15.9	51.0	19.4	3.3	21.7
Q4	-1.5		-1.5	-2.2	-9.7	0.3	0.4	-1.0
2021 Q1	-3.6		-3.5	-3.5	-14.1	-0.7	0.1	-3.6
Q2	10.2		10.2	10.1	23.9	13.8	3.6	10.3
Q3	2.9		2.3	-4.8	-5.3	-5.2	-4.4	8.1
Q4	0.7		0.6	0.7	2.4	1.8	-0.4	0.6
2022 Q1	0.6		0.7	-0.8	-3.8	4.2	-1.6	1.8
Q2	0.1		0.5	-0.2	2.6	-2.6	-0.4	0.9
<b>Percentage change, latest quarter on corresponding quarter of previous year</b>								
	KGZ7		KG7U	KHD9	KHC5	KHI5	KHF5	KHG9
2020 Q1	-2.9		-2.6	-2.0	-3.9	-7.6	1.3	-3.0
Q2	-25.5		-24.3	-14.4	-30.8	-25.7	-1.7	-31.3
Q3	-11.1		-9.5	-	6.0	-12.6	3.0	-16.1
Q4	-12.2		-10.8	-1.8	-3.2	-10.6	2.7	-17.0
2021 Q1	-12.8		-11.8	-3.5	-13.7	-2.4	0.5	-17.6
Q2	24.7		24.6	20.5	45.2	35.3	7.5	28.0
Q3	7.7		7.1	-1.0	-8.9	7.5	-0.6	13.8
Q4	10.1		9.4	2.0	3.2	9.0	-1.3	15.5
2022 Q1	14.9		14.2	4.8	15.6	14.5	-3.0	21.9
Q2	4.3		4.1	-5.1	-4.3	-2.1	-6.7	11.6

1 ESA 10 Classification of Individual Consumption by Purpose.

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

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

# F1 Gross fixed capital formation by sector and type of asset

## Current prices

£ million

	Analysis by sector								Analysis by asset					
	Public corporations <sup>2</sup>				Private Sector									
	Business investment <sup>1</sup>	General government	Dwellings <sup>4,6</sup>	Costs of transfer of ownership of non-produced assets	Dwellings <sup>4,6</sup>	Costs of transfer of ownership of non-produced assets	Transport equipment	ICT equipment and other machinery and	Dwellings <sup>4,6</sup>	Other buildings and structures <sup>5</sup>	Intellectual Property	Products	Total	
	NPEK	RPZG	L62R	L62S	L62T	L62U	NPQS	TLPX	TLPW	GGAE	EQED	TLPK	NPQS	
2019	224 357	61 750	4 616	592	87 940	24 111	403 364	19 605	65 657	92 556	138 021	87 527	403 364	
2020	201 125	65 977	4 282	499	73 598	20 400	365 883	17 486	58 602	77 699	123 029	89 067	365 883	
2021	204 480	70 777	5 266	638	85 566	25 947	392 674	19 399	64 632	90 832	131 556	86 255	392 674	
<b>Seasonally adjusted</b>														
2020 Q1	56 321	14 618	1 158	138	20 617	5 296	98 169	4 989	15 493	21 594	32 790	23 283	98 169	
Q2	44 763	17 340	936	113	12 453	4 658	80 189	2 018	13 072	13 389	29 533	22 252	80 189	
Q3	49 516	16 750	1 043	116	19 900	4 952	92 409	5 233	14 549	20 943	29 995	21 557	92 409	
Q4	50 525	17 269	1 145	132	20 628	5 494	95 116	5 246	15 488	21 773	30 711	21 975	95 116	
2021 Q1	47 720	19 332	1 110	146	20 107	6 525	94 940	3 978	15 766	21 217	33 111	20 868	94 940	
Q2	51 227	17 048	1 310	154	20 963	6 554	97 256	4 960	15 588	22 273	32 866	21 569	97 256	
Q3	52 436	17 145	1 371	162	21 445	6 625	99 184	4 587	16 782	22 816	33 157	21 842	99 184	
Q4	53 097	17 252	1 475	176	23 051	6 243	101 294	5 874	16 496	24 526	32 422	21 976	101 294	
2022 Q1	52 385	21 743	1 747	172	23 518	6 360	105 925	6 027	17 411	25 265	34 291	22 931	105 925	
Q2	56 389	17 344	1 662	185	24 811	6 590	106 981	5 874	17 431	26 473	34 482	22 721	106 981	
<b>Percentage change, latest year on previous year</b>														
	KG6N	KH7N	L64E	L64H	L64K	L64N	KG6O	KG6T	KG6S	KH7X	KH7W	KG6R	KG6O	
2019	3.8	8.1	-	-1.5	5.3	-0.3	4.5	-0.1	2.4	5.0	5.4	5.0	4.5	
2020	-10.4	6.8	-7.2	-15.7	-16.3	-15.4	-9.3	-10.8	-10.7	-16.1	-10.9	1.8	-9.3	
2021	1.7	7.3	23.0	27.9	16.3	27.2	7.3	10.9	10.3	16.9	6.9	-3.2	7.3	
<b>Percentage change, latest quarter on previous quarter</b>														
	KG6V	KH7P	L64F	L64I	L64L	L64O	KG6W	KG73	KG72	KH83	KH82	KG6Z	KG6W	
2020 Q1	-1.5	-6.4	-6.7	-5.5	-3.7	-9.9	-3.3	33.3	-8.6	-4.6	-7.2	1.7	-3.3	
Q2	-20.5	18.0	-19.2	-18.1	-39.6	-12.0	-18.2	-59.6	-15.6	-38.0	-9.9	-4.4	-18.2	
Q3	10.6	-2.2	11.4	2.7	59.8	6.3	15.0	159.3	11.3	56.4	1.6	-3.1	15.0	
Q4	2.0	1.8	9.8	13.8	3.7	10.9	3.2	0.2	6.5	4.0	2.4	1.9	3.2	
2021 Q1	-5.6	12.4	-3.1	10.6	-2.5	18.8	-0.3	-24.2	1.8	-2.6	7.8	-5.0	-0.3	
Q2	7.3	-11.8	18.0	5.5	4.3	0.4	2.4	24.7	-1.1	5.0	-0.7	3.4	2.4	
Q3	2.4	0.6	4.7	5.2	2.3	1.1	2.0	-7.5	7.7	2.4	0.9	1.3	2.0	
Q4	1.3	0.6	7.6	8.6	7.5	-5.8	2.1	28.1	-1.7	7.5	-2.2	0.6	2.1	
2022 Q1	-1.3	26.0	18.4	-2.3	2.0	1.9	4.6	2.6	5.5	3.0	5.8	4.3	4.6	
Q2	7.6	-20.2	-4.9	7.6	5.5	3.6	1.0	-2.5	0.1	4.8	0.6	-0.9	1.0	
<b>Percentage change, latest quarter on corresponding quarter of previous year</b>														
	KG75	KH7R	L64G	L64J	L64M	L64P	KG76	KG7B	KG7A	KH87	KH86	KG79	KG76	
2020 Q1	2.3	-5.3	5.1	-1.4	-5.8	-17.4	-1.9	0.1	-2.1	-6.0	-6.3	9.5	-1.9	
Q2	-19.5	14.7	-15.3	-26.1	-43.6	-19.0	-19.5	-65.3	-18.9	-42.3	-12.0	5.7	-19.5	
Q3	-12.4	8.1	-10.7	-24.2	-11.8	-18.4	-9.5	3.4	-13.2	-11.8	-12.2	-3.4	-9.5	
Q4	-11.7	10.0	-7.7	-9.6	-3.6	-6.5	-6.3	40.1	-8.6	-3.9	-13.0	-4.0	-6.3	
2021 Q1	-15.3	32.1	-4.1	5.8	-2.5	23.2	-3.3	-20.3	1.8	-1.7	1.0	-10.4	-3.3	
Q2	14.4	-1.3	40.0	36.3	68.3	40.7	21.2	145.8	19.2	66.4	11.3	-3.1	21.2	
Q3	5.9	1.6	31.4	39.7	7.8	33.8	7.5	-12.3	15.3	8.9	10.5	1.3	7.5	
Q4	5.1	0.3	28.8	33.3	11.7	13.6	6.4	12.0	6.5	12.6	5.6	-	6.4	
2022 Q1	9.8	12.5	57.4	17.8	17.0	-2.5	11.6	51.5	10.4	19.1	3.6	9.9	11.6	
Q2	10.1	1.7	26.9	20.1	18.4	0.5	10.0	18.4	11.8	18.9	4.9	5.3	10.0	

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 The sum of Public Corporations Dwellings and Private Dwellings does not equal Total Dwellings in this table. This will be corrected when we are next open for revision in the Q2 2022 business investment estimates. Neither GFCF nor GDP are affected by this.

# 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 <sup>2</sup>				Private Sector											
			Costs of transfer of ownership of non-produ- ced assets				Costs of transfer of ownership of non-produ- ced assets				ICT equipment and other machinery and		Other buildings and		Intellect- ual Property	
	Business investment <sup>1</sup>	General government	Dwellings <sup>4</sup>		Dwellings <sup>4</sup>		Total	Transport equipment	equipment <sup>3</sup>	Dwellings <sup>4</sup>	structures <sup>5</sup>	Products				
	NPEL	DLWF	L634	L635	L636	L637	NPQT	DLWL	DLWO	DFEG	DLWT	EQDO	NPQT			
2019	225 260	60 848	4 616	591	87 940	24 110	403 365	19 662	65 881	92 556	138 411	86 855	403 365			
2020	198 413	63 739	4 240	487	73 900	20 224	361 002	16 807	57 022	77 960	122 002	87 210	361 002			
2021	198 180	68 359	5 072	611	83 861	24 999	381 082	18 508	63 955	88 933	125 647	84 039	381 082			
Seasonally adjusted																
2020 Q1	55 477	14 126	1 151	136	20 684	5 251	96 825	4 747	15 237	21 655	32 259	22 925	96 825			
Q2	43 963	16 681	991	111	12 493	4 576	78 812	1 953	12 719	13 484	28 997	21 662	78 812			
Q3	48 806	16 350	1 014	113	20 024	4 901	91 209	5 001	14 014	21 038	30 000	21 155	91 209			
Q4	50 167	16 582	1 084	127	20 699	5 496	94 156	5 106	15 052	21 783	30 746	21 468	94 156			
2021 Q1	46 892	18 166	1 160	141	20 107	6 368	92 834	3 781	15 299	21 267	32 155	20 332	92 834			
Q2	49 872	16 781	1 283	148	20 789	6 410	95 283	4 601	15 456	22 072	32 040	21 114	95 283			
Q3	50 446	16 784	1 304	154	20 891	6 333	95 912	4 286	16 692	22 195	31 461	21 278	95 912			
Q4	50 970	16 628	1 325	168	22 074	5 888	97 053	5 840	16 508	23 399	29 991	21 315	97 053			
2022 Q1	50 597	19 727	1 510	160	22 377	6 040	100 411	5 028	17 038	23 887	32 501	21 957	100 411			
Q2	52 449	15 494	1 491	167	23 135	6 253	98 989	5 221	16 678	24 626	30 945	21 519	98 989			
Percentage change, latest year on previous year																
	KG7M	KH92	L64T	L64W	L654	L64Z	KG7N	KH95	KH96	KH8Y	KH97	KH98	KG7N			
2019	1.3	4.3	-2.5	-3.9	2.8	-1.8	1.9	-	0.5	2.5	7.8	2.0	1.9			
2020	-11.9	4.8	-8.1	-17.6	-16.0	-16.1	-10.5	-14.5	-13.4	-15.8	-11.9	0.4	-10.5			
2021	-0.1	7.2	19.6	25.5	13.5	23.6	5.6	10.1	12.2	14.1	3.0	-3.6	5.6			
Percentage change, latest quarter on previous quarter																
	KG7P	KH9C	L64U	L64X	L655	L652	KG7Q	KH9F	KH9G	KH9A	KH9H	KH9I	KG7Q			
2020 Q1	-2.7	-6.9	-5.1	-5.6	-2.7	-10.5	-3.8	25.0	-8.9	-3.7	-8.0	1.5	-3.8			
Q2	-20.8	18.1	-13.9	-18.4	-39.6	-12.9	-18.6	-58.9	-16.5	-37.7	-10.1	-5.5	-18.6			
Q3	11.0	-2.0	2.3	1.8	60.3	7.1	15.7	156.1	10.2	56.0	3.5	-2.3	15.7			
Q4	2.8	1.4	6.9	12.4	3.4	12.1	3.2	2.1	7.4	3.5	2.5	1.5	3.2			
2021 Q1	-6.5	9.6	7.0	11.0	-2.9	15.9	-1.4	-25.9	1.6	-2.4	4.6	-5.3	-1.4			
Q2	6.4	-7.6	10.6	5.0	3.4	0.7	2.6	21.7	1.0	3.8	-0.4	3.8	2.6			
Q3	1.2	-	1.6	4.1	0.5	-1.2	0.7	-6.8	8.0	0.6	-1.8	0.8	0.7			
Q4	1.0	-0.9	1.6	9.1	5.7	-7.0	1.2	36.3	-1.1	5.4	-4.7	0.2	1.2			
2022 Q1	-0.7	18.6	14.0	-4.8	1.4	2.6	3.5	-13.9	3.2	2.1	8.4	3.0	3.5			
Q2	3.7	-21.5	-1.3	4.4	3.4	3.5	-1.4	3.8	-2.1	3.1	-4.8	-2.0	-1.4			
Percentage change, latest quarter on corresponding quarter of previous year																
	KG7S	KH9M	L64V	L64Y	L656	L653	KG7T	KH9P	KH9Q	KH9K	KH9R	KH9S	KG7T			
2020 Q1	-0.5	-9.0	4.5	-3.5	-6.4	-18.6	-4.2	-3.8	-4.6	-6.7	-9.3	7.2	-4.2			
Q2	-21.4	12.2	-14.1	-27.9	-43.5	-20.3	-21.2	-66.6	-22.0	-42.1	-13.9	4.0	-21.2			
Q3	-13.7	7.1	-11.7	-25.7	-10.8	-19.0	-10.3	-1.5	-16.9	-10.8	-11.9	-4.0	-10.3			
Q4	-12.0	9.2	-10.6	-11.8	-2.7	-6.3	-6.5	34.4	-10.0	-3.1	-12.3	-5.0	-6.5			
2021 Q1	-15.5	28.6	0.8	3.7	-2.8	21.3	-4.1	-20.3	0.4	-1.8	-0.3	-11.3	-4.1			
Q2	13.4	0.6	29.5	33.3	66.4	40.1	20.9	135.6	21.5	63.7	10.5	-2.5	20.9			
Q3	3.4	2.7	28.6	36.3	4.3	29.2	5.2	-14.3	19.1	5.5	4.9	0.6	5.2			
Q4	1.6	0.3	22.2	32.3	6.6	7.1	3.1	14.4	9.7	7.4	-2.5	-0.7	3.1			
2022 Q1	7.9	8.6	30.2	13.5	11.3	-5.2	8.2	33.0	11.4	12.3	1.1	8.0	8.2			
Q2	5.2	-7.7	16.2	12.8	11.3	-2.4	3.9	13.5	7.9	11.6	-3.4	1.9	3.9			



# G1 Changes in inventories at current prices <sup>1</sup>

£ million

	Mining and quarrying	Manufacturing industries				Electricity, gas and water supply	Distributive trades		Other industries <sup>3</sup>	Changes in inventories <sup>3</sup>
		Materials and fuel	Work in progress	Finished goods	Total		Wholesale <sup>2</sup>	Retail <sup>2</sup>		
<b>Level of inventories held at end-December 2019</b>	523	29 536	18 593	18 752	66 881	362	43 222	37 226	59 058	207 272
	FAHS	FAGF	FADY	FALR	NZTP	FAGI	FBHE	FAHA	CWVD	CAEX
2019	232	4 821	-1 372	-1 799	1 650	1 389	2 333	257	-3 230	2 631
2020	77	-862	-510	-153	-1 525	-2 108	1 973	-493	-775	-2 851
2021	-1 809	1 453	2 411	5 922	9 786	-205	5 142	2 700	-4 357	11 257
<b>Seasonally adjusted</b>										
2020 Q1	410	-560	-3	-554	-1 117	-573	-981	-1 538	2 476	-1 323
Q2	891	246	-317	544	473	497	-678	-800	-8 864	-8 481
Q3	-1 074	-521	304	-748	-965	-2 140	1 579	741	-813	-2 672
Q4	-150	-27	-494	605	84	108	2 053	1 104	6 426	9 625
2021 Q1	-984	-1 182	1 367	2 722	2 907	-502	799	801	-3	3 018
Q2	-261	1 337	964	-167	2 134	856	573	922	-7 052	-2 828
Q3	-230	848	192	1 971	3 011	-901	1 279	1 064	1 964	6 187
Q4	-334	450	-112	1 396	1 734	342	2 491	-87	734	4 880
2022 Q1	-1 005	1 296	958	3 483	5 737	-875	4 378	4 620	8 842	21 697
Q2	-448	-70	1 093	3 290	4 313	-1 778	4 520	2 887	14 091	23 585

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 measures<sup>1</sup>

Reference year 2019, £ million

	Mining and quarrying	Manufacturing industries				Electricity, gas and water supply	Distributive trades		Other industries <sup>3</sup>	Changes in inventories <sup>3</sup>
		Materials and fuel	Work in progress	Finished goods	Total		Wholesale <sup>2</sup>	Retail <sup>2</sup>		
<b>Level of inventories held at end-December 2019</b>	523	29 536	18 593	18 752	66 881	362	43 222	37 226	59 058	207 272
2019	FAEA 232	FBNF 4 821	FBNG -1 372	FBNH -1 799	DHBM 1 651	FAEB 1 388	FAJX 2 333	FBYN 257	DLWX -3 230	CAFU 2 631
2020	3 745	650	-4 531	-510	-4 391	1 111	2 782	-4 257	-10 375	-11 385
2021	-1 232	1 925	2 081	5 658	9 664	-214	5 498	2 314	-9 295	6 735
<b>Seasonally adjusted</b>										
2020 Q1	1 430	-156	-479	-489	-1 124	476	-1 290	-2 434	-538	-3 480
Q2	675	475	-461	536	550	318	191	-2 388	-9 693	-10 347
Q3	313	-496	-2 719	-1 562	-4 777	-1 046	1 053	397	-788	-4 848
Q4	1 327	827	-872	1 005	960	1 363	2 828	168	644	7 290
2021 Q1	-641	-898	1 266	2 554	2 922	-299	940	759	111	3 792
Q2	-411	1 298	1 106	-127	2 277	905	650	862	-7 081	-2 798
Q3	571	1 260	194	2 221	3 675	-975	1 326	934	-229	5 302
Q4	-751	265	-485	1 010	790	155	2 582	-241	-2 096	439
2022 Q1	-1 605	1 096	908	2 983	4 987	-1 475	3 878	3 870	7 477	17 132
Q2	-548	-610	524	2 347	2 261	-2 006	4 221	2 463	10 285	16 676

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 <sup>1</sup>
2019	BOKG	IKBB	IKBH	BOKH	IKBC	IKBI	BOKI	IKBD	IKBJ
2020	363 502	336 152	699 654	511 674	224 128	735 802	-148 172	112 024	-36 148
2021	307 181	309 605	616 786	440 711	168 518	609 229	-133 530	141 087	7 557
2021	323 408	312 917	636 325	477 252	176 645	653 897	-153 844	136 272	-17 572
<b>Seasonally adjusted</b>									
2020 Q1	81 259	87 610	168 869	113 723	52 116	165 839	-32 464	35 494	3 030
Q2	71 888	73 429	145 317	87 431	37 517	124 948	-15 543	35 912	20 369
Q3	73 879	72 455	146 334	108 675	38 456	147 131	-34 796	33 999	-797
Q4	80 155	76 111	156 266	130 882	40 429	171 311	-50 727	35 682	-15 045
2021 Q1	72 628	74 224	146 852	111 622	39 403	151 025	-38 994	34 821	-4 173
Q2	83 546	74 843	158 389	114 900	41 153	156 053	-31 354	33 690	2 336
Q3	77 925	76 367	154 292	123 404	45 665	169 069	-45 479	30 702	-14 777
Q4	89 309	87 483	176 792	127 326	50 424	177 750	-38 017	37 059	-958
2022 Q1	86 532	87 883	174 415	154 356	52 282	206 638	-67 824	35 601	-32 223
Q2	97 932	91 685	189 617	160 239	55 596	215 835	-62 307	36 089	-26 218
<b>Percentage change, latest year on previous year</b>									
	KG9K	KH35	KH2O	KG9L	KH3W	KH3H			
2019	3.7	3.9	3.8	3.6	5.2	4.1			
2020	-15.5	-7.9	-11.8	-13.9	-24.8	-17.2			
2021	5.3	1.1	3.2	8.3	4.8	7.3			
<b>Percentage change, latest quarter on previous quarter</b>									
	KG9O	KH36	KH2P	KG9P	KH3X	KH3I			
2020 Q1	-17.1	1.4	-8.4	-4.4	-7.7	-5.4			
Q2	-11.5	-16.2	-13.9	-23.1	-28.0	-24.7			
Q3	2.8	-1.3	0.7	24.3	2.5	17.8			
Q4	8.5	5.0	6.8	20.4	5.1	16.4			
2021 Q1	-9.4	-2.5	-6.0	-14.7	-2.5	-11.8			
Q2	15.0	0.8	7.9	2.9	4.4	3.3			
Q3	-6.7	2.0	-2.6	7.4	11.0	8.3			
Q4	14.6	14.6	14.6	3.2	10.4	5.1			
2022 Q1	-3.1	0.5	-1.3	21.2	3.7	16.3			
Q2	13.2	4.3	8.7	3.8	6.3	4.5			
<b>Percentage change, latest quarter on corresponding quarter of previous year</b>									
	KG9S	KH37	KH2Q	KG9T	KH3Y	KH3J			
2020 Q1	-8.8	10.6	0.3	-19.8	-3.0	-15.2			
Q2	-14.6	-12.4	-13.5	-29.4	-33.3	-30.6			
Q3	-19.9	-16.5	-18.2	-14.5	-33.3	-20.4			
Q4	-18.3	-11.9	-15.3	10.0	-28.4	-2.3			
2021 Q1	-10.6	-15.3	-13.0	-1.8	-24.4	-8.9			
Q2	16.2	1.9	9.0	31.4	9.7	24.9			
Q3	5.5	5.4	5.4	13.6	18.7	14.9			
Q4	11.4	14.9	13.1	-2.7	24.7	3.8			
2022 Q1	19.1	18.4	18.8	38.3	32.7	36.8			
Q2	17.2	22.5	19.7	39.5	35.1	38.3			

<sup>1</sup> 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 <sup>1</sup>
2019	BQKQ	IKBE	IKBK	BQKO	IKBF	IKBL	IKBM
2020	363 502	336 152	699 654	511 674	224 128	735 802	-36 148
2021	316 266	298 843	615 109	448 866	168 846	617 712	-2 603
2021	316 596	296 664	613 260	457 192	177 698	634 890	-21 630
<b>Seasonally adjusted</b>							
2020 Q1	82 354	85 297	167 651	114 638	53 046	167 684	-33
Q2	76 387	70 139	146 526	90 915	36 778	127 693	18 833
Q3	75 584	70 469	146 053	111 108	38 825	149 933	-3 880
Q4	81 941	72 938	154 879	132 205	40 197	172 402	-17 523
2021 Q1	73 441	70 942	144 383	111 359	39 769	151 128	-6 745
Q2	82 786	72 125	154 911	113 343	42 807	156 150	-1 239
Q3	76 382	72 783	149 165	117 143	45 764	162 907	-13 742
Q4	83 987	80 814	164 801	115 347	49 358	164 705	96
2022 Q1	77 381	80 004	157 385	134 415	48 750	183 165	-25 780
Q2	81 833	81 152	162 985	131 165	49 330	180 495	-17 510
<b>Percentage change, latest year on previous year</b>							
	KG9X	KH3B	KH2U	KG9W	KH44	KH3N	
2019	1.9	1.5	1.7	2.6	2.7	2.6	
2020	-13.0	-11.1	-12.1	-12.3	-24.7	-16.0	
2021	0.1	-0.7	-0.3	1.9	5.2	2.8	
<b>Percentage change, latest quarter on previous quarter</b>							
	KGA2	KH3C	KH2V	KG9Z	KH45	KH3O	
2020 Q1	-16.6	-0.2	-9.0	-4.7	-6.0	-5.1	
Q2	-7.2	-17.8	-12.6	-20.7	-30.7	-23.8	
Q3	-1.1	0.5	-0.3	22.2	5.6	17.4	
Q4	8.4	3.5	6.0	19.0	3.5	15.0	
2021 Q1	-10.4	-2.7	-6.8	-15.8	-1.1	-12.3	
Q2	12.7	1.7	7.3	1.8	7.6	3.3	
Q3	-7.7	0.9	-3.7	3.4	6.9	4.3	
Q4	10.0	11.0	10.5	-1.5	7.9	1.1	
2022 Q1	-7.9	-1.0	-4.5	16.5	-1.2	11.2	
Q2	5.8	1.4	3.6	-2.4	1.2	-1.5	
<b>Percentage change, latest quarter on corresponding quarter of previous year</b>							
	KGA5	KH3D	KH2W	KGA4	KH46	KH3P	
2020 Q1	-8.8	6.6	-1.6	-19.6	-2.8	-15.0	
Q2	-8.4	-16.8	-12.6	-26.6	-34.6	-29.1	
Q3	-17.0	-18.4	-17.6	-11.0	-31.8	-17.5	
Q4	-17.1	-14.7	-16.0	9.9	-28.8	-2.5	
2021 Q1	-10.8	-16.8	-13.9	-2.9	-25.0	-9.9	
Q2	8.4	2.8	5.7	24.7	16.4	22.3	
Q3	1.1	3.3	2.1	5.4	17.9	8.7	
Q4	2.5	10.8	6.4	-12.8	22.8	-4.5	
2022 Q1	5.4	12.8	9.0	20.7	22.6	21.2	
Q2	-1.2	12.5	5.2	15.7	15.2	15.6	

<sup>1</sup> 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) <sup>3</sup>				
	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 <sup>1</sup>	Expenditure-based estimate	Income-based estimate	Expenditure-based estimate	Income-based estimate <sup>2</sup>	Output-based estimate
	CAGR	CAGQ	CAGS	DJDS	IHYA	IHYB	IHYC	IHYD	YBFR
2019	2 000 157	2 000 157	2 000 157	–	100.0	100.0	100.0	100.0	100.0
2020	1 788 734	1 903 575	1 903 575	–	95.2	95.2	89.4	89.4	89.4
2021	1 931 263	2 043 774	2 040 796	2 978	102.2	102.0	96.6	96.4	96.2
<b>Seasonally adjusted</b>									
2020 Q1	490 108	502 461	502 461	–	100.5	100.5	98.0	98.0	98.0
Q2	387 342	433 068	433 068	–	86.6	86.6	77.5	77.5	77.5
Q3	452 466	483 375	483 375	–	96.7	96.7	90.5	90.5	90.5
Q4	458 818	484 671	484 671	–	96.9	96.9	91.8	91.8	91.8
2021 Q1	454 061	488 015	487 147	868	97.6	97.4	90.8	90.6	90.6
Q2	484 254	507 115	505 728	1 387	101.4	101.1	96.8	96.6	96.5
Q3	492 708	517 419	516 524	895	103.5	103.3	98.5	98.4	98.1
Q4	500 240	531 225	531 397	–172	106.2	106.3	100.0	100.1	99.7
2022 Q1	503 634	546 329	546 507	–178	109.3	109.3	100.7	100.8	100.4
Q2	504 798	553 993	554 175	–182	110.8	110.8	101.0	101.0	100.6
<b>Percentage change, latest year on previous year</b>									
	KH4D	KH47	KH68		KH47	KH68	KH4D	KH6E	GDPQ
2019	1.7	3.9	3.9		3.9	3.9	1.7	1.7	1.7
2020	–10.6	–4.8	–4.8		–4.8	–4.8	–10.6	–10.6	–10.6
2021	8.0	7.4	7.2		7.4	7.2	8.0	7.8	7.6
<b>Percentage change, latest quarter on previous quarter</b>									
	KH4F	KH49	KH6A		KH49	KH6A	KH4F	KH6G	
2020 Q1	–2.4	–1.1	–1.1		–1.1	–1.1	–2.4	–2.4	–2.4
Q2	–21.0	–13.8	–13.8		–13.8	–13.8	–21.0	–21.0	–21.0
Q3	16.8	11.6	11.6		11.6	11.6	16.8	16.8	16.8
Q4	1.4	0.3	0.3		0.3	0.3	1.4	1.4	1.4
2021 Q1	–1.0	0.7	0.5		0.7	0.5	–1.0	–1.2	–1.2
Q2	6.6	3.9	3.8		3.9	3.8	6.6	6.5	6.5
Q3	1.7	2.0	2.1		2.0	2.1	1.7	1.9	1.7
Q4	1.5	2.7	2.9		2.7	2.9	1.5	1.7	1.6
2022 Q1	0.7	2.8	2.8		2.8	2.8	0.7	0.7	0.7
Q2	0.2	1.4	1.4		1.4	1.4	0.2	0.2	0.2
<b>Percentage change, latest quarter on corresponding quarter of previous year</b>									
	KH4H	KH4B	KH6C		KH4B	KH6C	KH4H	KH6I	GDPR
2020 Q1	–1.5	2.1	2.1		2.1	2.1	–1.5	–1.5	–1.5
Q2	–22.2	–12.9	–12.9		–12.9	–12.9	–22.2	–22.2	–22.2
Q3	–9.9	–3.9	–3.9		–3.9	–3.9	–9.9	–9.9	–9.9
Q4	–8.6	–4.6	–4.6		–4.6	–4.6	–8.6	–8.6	–8.6
2021 Q1	–7.4	–2.9	–3.0		–2.9	–3.0	–7.4	–7.5	–7.5
Q2	25.0	17.1	16.8		17.1	16.8	25.0	24.7	24.5
Q3	8.9	7.0	6.9		7.0	6.9	8.9	8.7	8.4
Q4	9.0	9.6	9.6		9.6	9.6	9.0	9.1	8.7
2022 Q1	10.9	11.9	12.2		11.9	12.2	10.9	11.2	10.8
Q2	4.2	9.2	9.6		9.2	9.6	4.2	4.6	4.3

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.

	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
2020 Q1	-330	-351.0	-1 571
Q2	-3 134	-2 868.0	933
Q3	294	249.0	2 011
Q4	3 170	2 970.0	-1 373
2021 Q1	388	356.0	236
Q2	-2 904	-2 759.0	2 170
Q3	3 199	3 032.0	-923
Q4	-683	-629.0	-1 483
2022 Q1	7 849	7 184.0	-1 111
Q2	10 322	9 333.0	133

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

# N Selected financial year variables <sup>1,2</sup>

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

	Current prices					Chained Volume Measures (reference year 2019)				
	Gross domestic product at market prices	Gross domestic product at market prices non seasonally adjusted	Gross value added at basic prices	General government final consumption expenditure	General government gross fixed capital formation	Gross domestic product at market prices	Gross value added at basic prices	General government final consumption expenditure	General government gross fixed capital formation	Implied GDP deflator at market prices <sup>3 4</sup>
	YBHA	BKTL	ABML	NMRP	RPZG	ABMI	ABMM	NMRY	DLWF	L8GG
2019/20	2 247 114	2 249 423	2 010 462	431 584	60 916	2 227 405	1 992 532	425 034	59 445	94.4248
2020/21	2 089 852	2 086 540	1 888 508	494 993	70 691	1 948 587	1 752 108	395 006	67 779	100.4757
2021/22	2 347 379	2 342 564	2 098 892	513 682	73 188	2 196 406	1 977 831	452 711	69 920	100.0000
<b>Seasonally adjusted</b>										
2020 Q1	559 907	565 026	502 461	108 895	14 618	546 515	490 108	104 088	14 126	95.8820
Q2	475 850	474 378	433 068	121 295	17 340	431 794	387 342	85 179	16 681	103.1375
Q3	534 171	524 344	483 375	121 224	16 750	503 509	452 466	100 663	16 350	99.2879
Q4	539 666	545 846	484 671	123 700	17 269	509 621	458 818	104 530	16 582	99.1062
2021 Q1	540 165	541 972	487 394	128 774	19 332	503 663	453 482	104 634	18 166	100.3713
Q2	564 104	562 427	506 011	126 095	17 048	536 608	483 204	112 510	16 781	98.3841
Q3	577 619	569 757	516 397	126 559	17 145	546 084	491 742	112 792	16 784	98.9931
Q4	594 827	602 559	530 697	128 121	17 252	554 938	499 747	114 347	16 628	100.3158
2022 Q1	610 829	607 821	545 787	132 907	21 743	558 776	503 138	113 062	19 727	102.3069
Q2	619 570	611 292	553 443	126 827	17 344	560 089	504 301	111 340	15 494	103.5277
<b>Percentage change, latest financial year on previous financial year</b>										
2019/20	3.2	3.3	3.5	7.2	3.4	0.6	0.8	3.3	-0.7	2.6
2020/21	-7.0	-7.2	-6.1	14.7	16.0	-12.5	-12.1	-7.1	14.0	6.4
2021/22	12.3	12.3	11.1	3.8	3.5	12.7	12.9	14.6	3.2	-0.5
<b>Percentage change, latest quarter on previous quarter</b>										
	IHYN	A8L9	KGL8	KH2D	KH7P	IHYQ	KGM9	KH2J	KH9C	L8GH
2020 Q1	-1.4	-1.9	-1.1	-0.5	-6.4	-2.6	-2.4	-3.4	-6.9	1.3
Q2	-15.0	-16.0	-13.8	11.4	18.0	-21.0	-21.0	-18.2	18.1	7.6
Q3	12.3	10.5	11.6	-0.1	-2.2	16.6	16.8	18.2	-2.0	-3.7
Q4	1.0	4.1	0.3	2.0	1.8	1.2	1.4	3.8	1.4	-0.2
2021 Q1	0.1	-0.7	0.6	4.1	12.4	-1.2	-1.2	0.1	9.6	1.3
Q2	4.4	3.8	3.8	-2.1	-11.8	6.5	6.6	7.5	-7.6	-2.0
Q3	2.4	1.3	2.1	0.4	0.6	1.8	1.8	0.3	-	0.6
Q4	3.0	5.8	2.8	1.2	0.6	1.6	1.6	1.4	-0.9	1.3
2022 Q1	2.7	0.9	2.8	3.7	26.0	0.7	0.7	-1.1	18.6	2.0
Q2	1.4	0.6	1.4	-4.6	-20.2	0.2	0.2	-1.5	-21.5	1.2
<b>Percentage change, latest quarter on corresponding quarter of previous year</b>										
	IHYO	A8LA	KGM2	KH2E	KH7R	IHYR	KGN3	KH2K	KH9M	L8GI
2020 Q1	1.6	2.0	2.1	5.8	-5.3	-2.0	-1.5	-0.5	-9.0	3.6
Q2	-14.5	-13.9	-12.9	14.7	14.7	-22.6	-22.2	-20.2	12.2	10.6
Q3	-5.2	-6.0	-3.9	12.7	8.1	-10.3	-9.9	-5.5	7.1	5.8
Q4	-4.9	-5.2	-4.6	13.1	10.0	-9.2	-8.6	-3.0	9.2	4.7
2021 Q1	-3.5	-4.1	-3.0	18.3	32.1	-7.8	-7.5	0.5	28.6	4.7
Q2	18.5	18.6	16.8	4.0	-1.3	24.3	24.7	32.1	0.6	-4.6
Q3	8.1	8.7	6.8	4.4	1.6	8.5	8.7	12.0	2.7	-0.3
Q4	10.2	10.4	9.5	3.6	0.3	8.9	8.9	9.4	0.3	1.2
2022 Q1	13.1	12.1	12.0	3.2	12.5	10.9	10.9	8.1	8.6	1.9
Q2	9.8	8.7	9.4	0.6	1.7	4.4	4.4	-1.0	-7.7	5.2

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

2 All data are seasonally adjusted unless otherwise specified.

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

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

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

# O Selected implied deflators<sup>1</sup>

2021 = 100

	Implied deflators <sup>2</sup>		
	Gross national expenditure	Gross domestic product at market prices <sup>3</sup>	Gross value added at basic prices
	MNE2	MNF2	MNX5
2019	94.2873	94.0414	94.4695
2020	99.6600	99.8365	100.7998
2021	100.0000	100.0000	100.0000
<b>Seasonally adjusted</b>			
2020 Q1	96.0559	96.3482	96.8533
Q2	103.9811	103.6390	105.6247
Q3	99.3985	99.7707	100.9258
Q4	99.2043	99.5881	99.7954
2021 Q1	100.5419	100.8594	101.5370
Q2	98.4684	98.8625	98.9312
Q3	99.7590	99.4745	99.2088
Q4	101.2307	100.8036	100.3230
2022 Q1	103.7076	102.8044	102.4802
Q2	105.4030	104.0311	103.6781
<b>Percentage change, latest year on previous year</b>			
	MNE3	MNF3	MNX6
2019	1.9	2.1	2.1
2020	5.7	6.2	6.7
2021	0.3	0.2	-0.8
<b>Percentage change, latest quarter on previous quarter</b>			
	MNE4	MNF4	MNX7
2020 Q1	1.0	1.3	1.3
Q2	8.3	7.6	9.1
Q3	-4.4	-3.7	-4.4
Q4	-0.2	-0.2	-1.1
2021 Q1	1.3	1.3	1.7
Q2	-2.1	-2.0	-2.6
Q3	1.3	0.6	0.3
Q4	1.5	1.3	1.1
2022 Q1	2.4	2.0	2.2
Q2	1.6	1.2	1.2
<b>Percentage change, latest quarter on corresponding quarter of previous year</b>			
	MNE5	MNF5	MNX8
2020 Q1	3.0	3.6	3.7
Q2	10.7	10.6	12.1
Q3	4.9	5.8	6.6
Q4	4.3	4.7	4.4
2021 Q1	4.7	4.7	4.8
Q2	-5.3	-4.6	-6.3
Q3	0.4	-0.3	-1.7
Q4	2.0	1.2	0.5
2022 Q1	3.1	1.9	0.9
Q2	7.0	5.2	4.8

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

2 Data are only considered accurate to 1 decimal place.

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



# P GDP Per Head<sup>1</sup>

£

	UK resident population mid-year estimates (persons thousands) <sup>2</sup>	Current Prices		Chained volume measures (Reference year 2019)	
		Gross domestic product at market prices <sup>3</sup>	Gross domestic product per head	Gross domestic product at market prices <sup>3</sup>	Gross domestic product per head
	EBAQ	YBHA	IHXT	ABMI	IHXW
2019	66 797	2 238 348	33 510	2 238 348	33 510
2020	67 081	2 109 594	31 448	1 991 439	29 687
2021	67 531	2 276 715	33 714	2 141 293	31 708
<b>Seasonally adjusted</b>					
2020 Q1	67 010	559 907	8 356	546 515	8 156
Q2	67 081	475 850	7 094	431 794	6 437
Q3	67 193	534 171	7 950	503 509	7 493
Q4	67 306	539 666	8 018	509 621	7 572
2021 Q1	67 418	540 165	8 012	503 663	7 471
Q2	67 531	564 104	8 353	536 608	7 946
Q3	67 547	577 619	8 551	546 084	8 085
Q4	67 563	594 827	8 804	554 938	8 214
2022 Q1	67 580	610 829	9 039	558 776	8 268
Q2	67 596	619 570	9 166	560 089	8 286
<b>Percentage change, latest year on previous year</b>					
		IHYM	N3Y3	IHYP	N3Y6
2019		3.8	3.2	1.6	1.1
2020		-5.8	-6.2	-11.0	-11.4
2021		7.9	7.2	7.5	6.8
<b>Percentage change, latest quarter on previous quarter</b>					
		IHYN	N3Y4	IHYQ	N3Y7
2020 Q1		-1.4	-1.5	-2.6	-2.7
Q2		-15.0	-15.1	-21.0	-21.1
Q3		12.3	12.1	16.6	16.4
Q4		1.0	0.9	1.2	1.1
2021 Q1		0.1	-0.1	-1.2	-1.3
Q2		4.4	4.3	6.5	6.4
Q3		2.4	2.4	1.8	1.7
Q4		3.0	3.0	1.6	1.6
2022 Q1		2.7	2.7	0.7	0.7
Q2		1.4	1.4	0.2	0.2
<b>Percentage change, latest quarter on corresponding quarter of previous year</b>					
		IHYO	N3Y5	IHYR	N3Y8
2020 Q1		1.6	1.1	-2.0	-2.4
Q2		-14.5	-14.8	-22.6	-23.0
Q3		-5.2	-5.6	-10.3	-10.8
Q4		-4.9	-5.5	-9.2	-9.7
2021 Q1		-3.5	-4.1	-7.8	-8.4
Q2		18.5	17.7	24.3	23.4
Q3		8.1	7.6	8.5	7.9
Q4		10.2	9.8	8.9	8.5
2022 Q1		13.1	12.8	10.9	10.7
Q2		9.8	9.7	4.4	4.3

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

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

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

# Revisions Analysis<sup>1</sup>

## Revisions since previously published estimates

£ million

2021

### Latest less previously published levels of GDP at current market prices

#### National accounts aggregates

##### at current prices (Table A2)

Gross domestic product at market prices	KB7D	-40 339
less Basic price adjustment	KB7E	2 990
Gross value added at basic prices	KB7F	-43 329

#### Gross domestic product:

##### expenditure at current prices (Table C1)

##### National expenditure on goods and services

##### at market prices

Households	KB7K	-41 996
Non-profit institutions serving households	KB7L	-6 291
General government	KB7M	-1 720
Gross fixed capital formation	KB7N	-3 093
Changes in inventories	KB7O	11 016
Acquisitions less disposals of valuables	KB7P	125
Total	KB7Q	-41 959
Total exports	KB7R	10 951
Total imports	KB7S	-584
Statistical discrepancy (expenditure)	KB7T	-9 915

#### Gross domestic product:

##### income at current prices (Table D)

Compensation of employees	KB7U	-37 856
Gross operating surplus of corporations	KB7V	-17 052
Other income	KB7W	9 314
Gross value added at factor cost	KB7X	-45 594
Taxes on products & production less Subsidies	KB7Y	3 517
Statistical discrepancy (income)	KB7Z	1 738

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

2021

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

#### Percentage changes in volume of GDP (Table A2)

##### Gross domestic product chained volume measures

##### Year on year growth

KB82	0.1
------	-----

#### Percentage changes in volume

##### of GVA output components (Table B1)

##### GVA at basic prices

##### Agriculture, forestry and fishing

KB83	1.9
------	-----

##### Mining and quarrying inc oil & gas extraction

KB84	0.2
------	-----

##### Manufacturing

KB85	2.5
------	-----

##### Electricity, gas, steam and air

KB86	4.5
------	-----

##### Water supply, sewerage

KNT7	1.7
------	-----

##### Total Production

KB87	2.3
------	-----

##### Construction

KB88	0.3
------	-----

##### Distribution, hotels and restaurants

KB89	-3.9
------	------

##### Transport storage and communications

KB8A	0.5
------	-----

##### Business services and finance

KB8B	1.2
------	-----

##### Government and other services

KB8C	-0.4
------	------

##### Total services

KB8D	-0.3
------	------

##### Total GVA

KB8E	0.4
------	-----

##### 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	-
------	---

##### Non-profit institutions serving households

KB8H	-0.6
------	------

##### General government

KB8I	-1.7
------	------

##### Gross fixed capital formation

KB8J	-0.3
------	------

##### Total

KB8K	0.1
------	-----

##### Total exports

KB8L	1.0
------	-----

##### Total imports

KB8M	-1.0
------	------

# Revisions Analysis<sup>1</sup>

## Revisions since previously published estimates

continued

£ million

		2021 Q1	2021 Q2	2021 Q3	2021 Q4	2022 Q1	2022 Q2
<b>Latest less previously published levels of GDP</b>							
<b>at current market prices</b>							
<b>National accounts aggregates</b>							
<b>at current prices (Table A2)</b>							
Gross domestic product at market prices	KB7D	-15 450	-11 285	-6 758	-6 846	-10 235	-8 024
less Basic price adjustment	KB7E	-670	-1 292	547	4 405	-284	-829
Gross value added at basic prices	KB7F	-14 780	-9 993	-7 305	-11 251	-9 951	-7 195
<b>Gross domestic product:</b>							
<b>expenditure at current prices (Table C1)</b>							
<b>National expenditure on goods and services</b>							
<b>at market prices</b>							
Households	KB7K	-13 121	-10 401	-9 221	-9 253	-8 093	-5 946
Non-profit institutions serving households	KB7L	-1 809	-1 581	-1 483	-1 418	-1 513	-1 554
General government	KB7M	-799	185	-122	-984	558	-2 098
Gross fixed capital formation	KB7N	-1 978	-980	-261	126	-581	-1 261
Changes in inventories	KB7O	3 190	940	5 432	1 454	761	1 693
Acquisitions less disposals of valuables	KB7P	-128	-138	5	386	-142	41
Total	KB7Q	-14 645	-11 975	-5 651	-9 688	-9 010	-9 125
Total exports	KB7R	1 129	460	1 867	7 495	8 051	10 974
Total imports	KB7S	15	-3 084	182	2 303	6 855	7 420
Statistical discrepancy (expenditure)	KB7T	-1 919	-2 854	-2 792	-2 350	-2 421	-2 453
<b>Gross domestic product:</b>							
<b>income at current prices (Table D)</b>							
Compensation of employees	KB7U	-11 601	-10 251	-8 870	-7 134	-9 061	-7 689
Gross operating surplus of corporations	KB7V	-6 686	-2 192	-1 272	-6 902	-4 032	-2 079
Other income	KB7W	2 381	2 238	2 379	2 316	1 367	3 129
Gross value added at factor cost	KB7X	-15 906	-10 205	-7 763	-11 720	-11 726	-6 639
Taxes on products & production less Subsidies	KB7Y	264	-2 051	440	4 864	1 475	-1 400
Statistical discrepancy (income)	KB7Z	192	971	565	10	16	15

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

		2021 Q1	2021 Q2	2021 Q3	2021 Q4	2022 Q1	2022 Q2
<b>Latest less previously published growth rates</b>							
<b>for GDP in chained volume terms</b>							
<b>Percentage changes in volume of GDP (Table A2)</b>							
<b>Gross domestic product chained volume measures</b>							
Quarter on quarter growth	KB82	-	0.9	0.9	0.3	-0.1	0.3
Quarter on same quarter a year earlier	KB94	-2.8	-0.2	1.6	2.3	2.2	1.5
<b>Percentage changes in volume</b>							
<b>of GVA output components (Table B1)</b>							
<b>GVA at basic prices quarter on quarter growth</b>							
Agriculture, forestry and fishing	KB83	-0.6	-0.3	-0.8	-0.3	0.1	0.2
Mining and quarrying inc oil & gas extraction	KB84	-0.6	0.3	-6.0	3.0	3.3	-0.7
Manufacturing	KB85	0.2	-0.4	-1.1	-1.3	-3.0	-1.1
Electricity, gas, steam and air	KB86	1.0	3.3	-	-1.2	0.7	1.2
Water supply, sewerage	KNT7	0.5	-0.3	0.1	-0.7	1.2	-0.3
Total Production	KB87	0.2	-0.1	-1.0	-0.9	-1.9	-0.7
Construction	KB88	-	-0.2	0.4	-	0.7	-1.2
Distribution, hotels and restaurants	KB89	-0.6	0.7	1.4	-0.4	0.9	-0.7
Transport storage and communications	KB8A	-0.1	0.5	-0.2	-0.8	-1.1	-
Business services and finance	KB8B	0.9	0.9	-0.1	-0.2	0.9	1.3
Government and other services	KB8C	-2.3	5.8	4.3	2.9	-0.4	0.6
Total services	KB8D	-0.1	1.5	1.2	0.7	0.2	0.6
Total GVA	KB8E	-	1.0	0.9	0.3	-0.1	0.3
Total GVA excluding Oil	KB8F	-0.1	0.9	0.8	0.3	-0.1	0.3
<b>Percentage changes in volume of GDP</b>							
<b>expenditure components (Table C2)</b>							
<b>National expenditure on goods and services</b>							
<b>at market prices quarter on quarter growth</b>							
Households	KB8G	-0.2	1.7	0.3	0.2	-	0.3
Non-profit institutions serving households	KB8H	-0.5	8.9	-4.0	1.6	2.4	0.4
General government	KB8I	-0.9	-1.0	0.9	-0.1	0.2	1.4
Gross fixed capital formation	KB8J	-0.5	0.9	0.3	0.1	-0.3	-2.0
Total	KB8K	-0.3	0.6	0.7	-0.6	0.4	-0.1
Total exports	KB8L	1.1	0.1	0.4	3.6	-0.1	1.2
Total imports	KB8M	0.1	-1.6	-0.3	0.8	0.8	-

	Agri- culture, forestry, and fishing	Total Production	Mining & quarrying inc oil & gas extract	Manu- facturing	Electric, gas, steam & air	Water supply, sewerage	Constr uction <sup>3, 4</sup>	Total Services	Distri- bution, hotels & restaurants	Transport storage and commu- nications	Business services and finance	Govern- ment and other services
<b>Percentage change, latest year on previous year</b>												
<b>Growth</b>												
	L3BB	L3BG	L3BH	L3BN	L3DM	L3DQ	L3DW	L3E2	L3GP	KI8L	KI8N	KI8P
2019	16.9	2.3	2.2	1.2	14.0	-0.3	1.5	1.5	0.5	6.4	-0.1	2.4
2020	-3.5	1.2	-3.2	0.1	9.1	4.8	-13.5	-12.4	-23.3	-12.5	-3.2	-19.8
2021	5.9	7.4	-11.1	9.7	5.5	7.7	13.2	7.2	8.5	7.4	4.7	11.2
<b>Contributions to growth</b>												
	ZZ3V	ZZ3W	ZZ3Y	ZZ3X	ZZ3Z	ZZ42	ZZ43	ZZ44	ZZ45	ZZ46	ZZ47	ZZ48
2019	0.11	0.32	0.03	0.12	0.18	-	0.09	1.20	0.07	0.65	-0.14	0.52
2020	-0.02	0.17	-0.04	0.01	0.13	0.06	-0.84	-9.87	-3.13	-1.29	-1.08	-4.37
2021	0.04	0.98	-0.09	0.94	0.08	0.10	0.74	5.81	1.07	0.73	1.78	2.53
<b>Percentage change, latest quarter on previous quarter</b>												
<b>Growth</b>												
	L3BB	L3BG	L3BH	L3BN	L3DM	L3DQ	L3DW	L3E2	L3GP	KI8L	KI8N	KI8P
2020 Q1	-0.7	1.0	2.7	1.0	-3.0	4.1	-1.7	-3.0	-8.1	-3.6	0.2	-4.6
Q2	-11.3	-13.5	2.6	-18.0	-3.6	-4.0	-35.4	-21.2	-36.9	-19.6	-8.3	-34.1
Q3	5.2	18.1	-2.9	24.3	9.8	6.1	41.9	15.0	47.4	14.3	3.3	24.4
Q4	0.5	4.1	-1.8	5.9	-1.8	2.3	5.1	0.6	-9.2	2.3	2.0	3.2
2021 Q1	2.2	-0.1	-3.9	-0.7	3.9	2.9	1.0	-1.7	-8.3	-0.4	2.0	-5.4
Q2	2.4	0.6	-17.5	1.4	6.6	0.1	3.8	8.0	22.4	4.2	1.3	15.3
Q3	3.8	-0.7	20.0	-1.1	-8.6	1.0	-1.1	2.4	4.6	2.1	0.7	4.4
Q4	0.2	-1.1	-2.3	-0.9	-5.0	2.0	1.0	2.2	-1.6	2.8	1.6	4.9
2022 Q1	0.6	-0.6	2.8	-1.6	2.7	1.5	2.9	0.8	-	3.2	1.2	-0.7
Q2	0.6	-0.2	-1.0	-1.1	3.9	2.6	1.1	0.2	-0.2	0.7	1.0	-1.0
<b>Contributions to growth</b>												
	ZZ2F	ZZ2G	ZZ2I	ZZ2H	ZZ2J	ZZ2K	ZZ2L	ZZ2M	ZZ2N	ZZ2O	ZZ2P	ZZ2Q
2020 Q1	-0.01	0.13	0.03	0.10	-0.05	0.05	-0.10	-2.41	-1.05	-0.37	-0.07	-1.03
Q2	-0.08	-1.91	0.03	-1.83	-0.06	-0.05	-2.21	-16.76	-4.55	-1.96	-2.68	-7.37
Q3	0.04	2.81	-0.04	2.56	0.19	0.10	2.14	11.81	4.65	1.44	1.32	4.38
Q4	-	0.64	-0.02	0.66	-0.03	0.03	0.32	0.45	-1.14	0.24	0.72	0.62
2021 Q1	0.02	-0.01	-0.03	-0.07	0.06	0.04	0.06	-1.34	-0.96	-0.04	0.63	-1.28
Q2	0.02	0.09	-0.13	0.15	0.10	-	0.23	6.28	2.48	0.41	0.56	3.38
Q3	0.03	-0.09	0.11	-0.11	-0.14	0.01	-0.07	1.91	0.58	0.22	0.31	0.99
Q4	-	-0.15	-0.01	-0.08	-0.07	0.03	0.06	1.77	-0.19	0.27	0.60	1.21
2022 Q1	-	-0.07	0.02	-0.15	0.04	0.02	0.17	0.62	-0.01	0.32	0.48	-0.17
Q2	-	-0.02	-0.01	-0.10	0.06	0.03	0.07	0.20	-0.01	0.07	0.33	-0.22
<b>Percentage change, latest quarter on corresponding quarter of previous year</b>												
<b>Growth</b>												
	L3ZZ	L426	L427	L42D	L44C	L44G	L44M	L44Q	L47F	KI12	KI19	KI18
2020 Q1	6.1	3.0	-10.9	2.0	20.8	5.2	-2.2	-2.3	-10.8	-4.4	1.7	-2.4
Q2	-7.0	-10.4	0.4	-15.1	4.5	-0.3	-36.4	-23.3	-43.7	-23.6	-6.5	-36.2
Q3	-5.8	4.7	-2.0	4.2	12.1	5.8	-10.4	-12.4	-16.4	-12.6	-4.8	-21.3
Q4	-6.8	7.3	0.4	9.0	1.0	8.3	-5.2	-11.7	-22.4	-9.4	-3.2	-19.3
2021 Q1	-4.1	6.2	-6.0	7.1	8.1	7.1	-2.6	-10.4	-22.5	-6.3	-1.5	-20.0
Q2	10.7	23.6	-24.5	32.5	19.5	11.7	56.4	22.8	50.3	21.4	8.9	40.1
Q3	9.1	3.9	-6.6	5.5	-0.6	6.4	9.0	9.3	6.7	8.4	6.1	17.5
Q4	8.8	-1.3	-7.0	-1.2	-3.8	6.1	4.7	11.1	15.7	9.0	5.7	19.5
2022 Q1	7.1	-1.7	-0.5	-2.1	-4.9	4.6	6.7	13.8	26.1	12.9	4.9	25.4
Q2	5.2	-2.5	19.4	-4.6	-7.3	7.2	3.9	5.7	2.7	9.1	4.6	7.7
<b>Contributions to growth</b>												
	ZZ36	ZZ37	ZZ39	ZZ38	ZZ3A	ZZ3B	ZZ3C	ZZ3D	ZZ3E	ZZ3F	ZZ3G	ZZ3H
2020 Q1	0.04	0.41	-0.13	0.20	0.27	0.06	-0.14	-1.85	-1.46	-0.44	0.42	-0.51
Q2	-0.05	-1.39	-	-1.46	0.07	-	-2.27	-18.53	-5.94	-2.45	-2.14	-7.95
Q3	-0.04	0.64	-0.02	0.41	0.18	0.07	-0.65	-9.84	-2.19	-1.30	-1.58	-4.72
Q4	-0.05	1.00	-	0.88	0.02	0.10	-0.32	-9.26	-2.93	-0.95	-1.02	-4.29
2021 Q1	-0.03	0.76	-0.04	0.64	0.11	0.08	-0.15	-8.50	-2.96	-0.63	-0.34	-5.12
Q2	0.08	3.16	-0.22	3.04	0.32	0.16	2.67	18.50	5.34	2.14	3.47	8.44
Q3	0.06	0.53	-0.05	0.54	-0.01	0.08	0.52	7.44	0.91	0.84	2.23	3.88
Q4	0.06	-0.18	-0.05	-0.13	-0.06	0.08	0.28	8.78	1.91	0.89	2.16	4.41
2022 Q1	0.06	-0.26	-0.01	-0.23	-0.09	0.06	0.42	11.13	3.08	1.29	2.13	5.43
Q2	0.04	-0.35	0.15	-0.46	-0.13	0.09	0.24	4.64	0.40	0.90	1.79	1.77

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

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

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

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

Final consumption expenditure									
	House- holds	Non-prof- it instit- utions <sup>3, 4</sup>	General govern- ment	Gross capital formation	Gross fixed capital formation	Business investme- nt	Total exports	less Total imports	Net trade
Percentage change, latest year on previous year									
Growth									
	KGZ5	KH26	KH2I	ZZ6H	KG7N	KG7M	KH2U	KH3N	
2019	1.0	3.0	4.1	2.6	1.9	1.3	1.7	2.6	
2020	-12.9	-19.2	-7.3	-14.6	-10.5	-11.9	-12.1	-16.0	
2021	6.2	5.8	12.6	12.7	5.6	-0.1	-0.3	2.8	
Contributions to growth									
	ZZ6M	ZZ6N	ZZ6O	ZZ6P	ZZ6Q	ZZ6R	ZZ6S	ZZ6T	ZZ6U
2019	0.62	0.07	0.77	0.47	0.33	0.13	0.54	0.85	-0.32
2020	-8.02	-0.45	-1.39	-2.67	-1.89	-1.19	-3.78	-5.28	1.50
2021	3.59	0.13	2.84	2.19	0.96	-0.01	-0.09	0.80	-0.89
Percentage change, latest quarter on previous quarter									
Growth									
	KGZ6	KH27	KH2J	ZZ5H	KG7Q	KG7P	KH2V	KH3O	
2020 Q1	-2.9	-3.2	-3.4	7.8	-3.8	-2.7	-9.0	-5.1	
Q2	-22.9	-27.4	-18.2	-36.5	-18.6	-20.8	-12.6	-23.8	
Q3	19.1	18.3	18.2	46.5	15.7	11.0	-0.3	17.4	
Q4	-1.5	2.9	3.8	23.1	3.2	2.8	6.0	15.0	
2021 Q1	-3.6	-7.9	0.1	-4.2	-1.4	-6.5	-6.8	-12.3	
Q2	10.2	16.3	7.5	-11.2	2.6	6.4	7.3	3.3	
Q3	2.9	0.5	0.3	13.3	0.7	1.2	-3.7	4.3	
Q4	0.7	0.9	1.4	-9.0	1.2	1.0	10.5	1.1	
2022 Q1	0.6	0.4	-1.1	30.5	3.5	-0.7	-4.5	11.2	
Q2	0.1	3.0	-1.5	-4.7	-1.4	3.7	3.6	-1.5	
Contributions to growth									
	ZZ5M	ZZ5N	ZZ5O	ZZ5P	ZZ5Q	ZZ5R	ZZ5S	ZZ5T	ZZ5U
2020 Q1	-1.79	-0.07	-0.65	1.22	-0.68	-0.27	-2.96	-1.61	-1.35
Q2	-14.08	-0.61	-3.46	-6.29	-3.30	-2.10	-3.87	-7.32	3.45
Q3	11.47	0.37	3.59	6.44	2.87	1.12	-0.11	5.15	-5.26
Q4	-0.91	0.06	0.77	4.01	0.59	0.27	1.75	4.46	-2.71
2021 Q1	-2.03	-0.18	0.02	-0.87	-0.25	-0.61	-1.95	-3.89	1.94
Q2	5.64	0.35	1.78	-2.25	0.47	0.57	1.98	0.93	1.05
Q3	1.65	0.01	0.06	2.24	0.11	0.10	-1.01	1.17	-2.19
Q4	0.38	0.02	0.32	-1.68	0.20	0.09	2.71	0.31	2.40
2022 Q1	0.36	0.01	-0.25	5.12	0.59	-0.07	-1.30	3.22	-4.53
Q2	0.05	0.07	-0.33	-1.03	-0.25	0.32	0.98	-0.46	1.44
Percentage change, latest quarter on corresponding quarter of previous year									
Growth									
	KGZ7	KH28	KH2K	ZZ5Y	KG7T	KG7S	KH2W	KH3P	
2020 Q1	-2.9	-8.7	-0.5	-21.6	-4.2	-0.5	-1.6	-15.0	
Q2	-25.5	-33.0	-20.2	-41.7	-21.2	-21.4	-12.6	-29.1	
Q3	-11.1	-20.6	-5.5	-11.6	-10.3	-13.7	-17.6	-17.5	
Q4	-12.2	-14.5	-3.0	23.5	-6.5	-12.0	-16.0	-2.5	
2021 Q1	-12.8	-18.6	0.5	9.7	-4.1	-15.5	-13.9	-9.9	
Q2	24.7	30.3	32.1	53.5	20.9	13.4	5.7	22.3	
Q3	7.7	10.7	12.0	18.7	5.2	3.4	2.1	8.7	
Q4	10.1	8.6	9.4	-12.2	3.1	1.6	6.4	-4.5	
2022 Q1	14.9	18.4	8.1	19.6	8.2	7.9	9.0	21.2	
Q2	4.3	4.9	-1.0	28.2	3.9	5.2	5.2	15.6	
Contributions to growth									
	ZZ65	ZZ66	ZZ67	ZZ68	ZZ69	ZZ6A	ZZ6B	ZZ6C	ZZ6D
2020 Q1	-1.82	-0.21	-0.10	-4.66	-0.77	-0.05	-0.49	-5.32	4.82
Q2	-15.93	-0.78	-3.85	-7.65	-3.79	-2.13	-3.78	-9.37	5.59
Q3	-6.84	-0.48	-1.05	-2.05	-1.86	-1.38	-5.57	-5.67	0.09
Q4	-7.50	-0.33	-0.57	3.65	-1.16	-1.21	-5.24	-0.77	-4.46
2021 Q1	-7.46	-0.45	0.11	1.65	-0.70	-1.50	-4.03	-2.82	-1.21
Q2	14.05	0.67	7.20	7.29	3.65	1.31	1.84	6.14	-4.30
Q3	4.48	0.24	2.74	3.20	0.89	0.31	0.59	2.40	-1.81
Q4	5.69	0.20	2.19	-2.54	0.54	0.15	1.84	-1.41	3.25
2022 Q1	8.41	0.38	1.81	3.96	1.46	0.71	2.52	6.16	-3.64
Q2	2.52	0.11	-0.24	4.75	0.67	0.47	1.47	4.39	-2.93

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

# AC

## Annex C - Growth and contributions to growth - income components of GDP<sup>1,2</sup>

### Current Prices

#### Seasonally adjusted data

	Compensation of employees	Gross operating surplus of corporations <sup>3</sup>	Other income <sup>4</sup>	Taxes on products & production less subsidies
<b>Percentage change, latest year on previous year</b>				
<b>Growth</b>				
	KGI3	KH4V	KH6T	KH65
2019	4.6	2.8	3.4	2.5
2020	0.4	-0.1	-	-50.1
2021	5.8	3.2	3.1	57.9
<b>Contributions to growth</b>				
	ZZ7H	ZZ7I	ZZ7J	ZZ7K
2019	2.26	0.62	0.61	0.30
2020	0.21	-0.02	-	-5.99
2021	2.98	0.73	0.58	3.62
<b>Percentage change, latest quarter on previous quarter</b>				
<b>Growth</b>				
	KGI4	KH4W	KH6U	KH66
2020 Q1	0.7	-3.4	-1.0	-6.5
Q2	-3.2	-6.7	-0.8	-106.9
Q3	2.5	11.1	0.4	-904.0
Q4	2.6	-6.2	0.8	16.3
2021 Q1	0.1	2.5	1.3	-10.5
Q2	2.5	3.9	1.2	30.6
Q3	1.9	-2.8	0.1	25.5
Q4	1.7	2.2	1.1	15.3
2022 Q1	2.3	3.9	2.9	1.9
Q2	1.2	0.7	1.4	3.9
<b>Contributions to growth</b>				
	ZZ6Z	ZZ72	ZZ73	ZZ74
2020 Q1	0.34	-0.77	-0.18	-0.78
Q2	-1.55	-1.45	-0.14	-11.85
Q3	1.39	2.68	0.08	8.15
Q4	1.27	-1.44	0.14	1.02
2021 Q1	0.04	0.60	0.25	-0.84
Q2	1.29	0.88	0.22	2.01
Q3	0.96	-0.63	0.02	2.12
Q4	0.86	0.48	0.20	1.56
2022 Q1	1.14	0.84	0.51	0.21
Q2	0.57	0.16	0.24	0.43
<b>Percentage change, latest quarter on corresponding quarter of previous year</b>				
<b>Growth</b>				
	KGI5	KH4X	KH6V	KH67
2020 Q1	2.3	4.5	1.1	-5.7
Q2	-2.6	-2.2	-0.5	-106.5
Q3	-0.5	3.7	-	-48.4
Q4	2.5	-6.1	-0.6	-39.9
2021 Q1	1.9	-0.3	1.6	-42.4
Q2	7.8	11.0	3.6	-1 193.3
Q3	7.2	-2.9	3.4	70.7
Q4	6.3	5.8	3.7	69.2
2022 Q1	8.6	7.3	5.4	92.5
Q2	7.2	4.1	5.6	53.2
<b>Contributions to growth</b>				
	ZZ79	ZZ7A	ZZ7B	ZZ7C
2020 Q1	1.13	0.96	0.20	-0.69
Q2	-1.27	-0.47	-0.08	-12.68
Q3	-0.24	0.81	0.01	-5.78
Q4	1.19	-1.34	-0.11	-4.63
2021 Q1	0.91	-0.07	0.29	-4.68
Q2	4.36	2.63	0.76	10.69
Q3	3.66	-0.69	0.63	4.53
Q4	3.25	1.29	0.68	5.11
2022 Q1	4.47	1.66	1.01	6.14
Q2	3.65	0.91	1.02	4.39

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 GDP<sup>1</sup>

Seasonally adjusted data

Reference year 2019

	Final consumption expenditure						
	House-holds	Non-prof-it instit-utions <sup>2</sup>	General govern-ment	Gross capital formation	Gross fixed capital formation	Total exports	less Total imports
<b>Percentage change, latest year on previous year</b>							
	ZZ93	ZZ94	ZZ95	ZZ96	ZZ97	ZZ98	ZZ99
2019	1.6	2.8	2.6	2.1	2.5	2.1	1.5
2020	0.5	14.4	20.4	4.2	1.4	0.3	-1.4
2021	2.8	-3.4	-4.8	0.4	1.7	3.5	4.4
<b>Percentage change, latest quarter on previous quarter</b>							
	ZZ8N	ZZ8O	ZZ8P	ZZ8Q	ZZ8R	ZZ8S	ZZ8T
2020 Q1	-0.3	5.8	3.0	2.9	0.5	0.7	-0.3
Q2	-0.2	20.6	36.1	1.8	0.5	-1.5	-1.1
Q3	0.6	-13.5	-15.4	-1.8	-0.7	1.0	0.3
Q4	-	-1.5	-1.7	0.6	-0.1	0.7	1.3
2021 Q1	0.9	5.8	4.0	-1.3	1.2	0.8	0.6
Q2	0.7	-9.2	-8.9	-0.9	-0.2	0.5	-
Q3	1.5	2.5	0.1	2.5	1.3	1.2	3.8
Q4	1.3	1.1	-0.1	4.0	0.9	3.7	4.0
2022 Q1	2.1	-1.1	4.9	1.1	1.1	3.3	4.5
Q2	3.1	-2.7	-3.1	2.8	2.4	5.0	6.0
<b>Percentage change, latest quarter on corresponding quarter of previous year</b>							
	ZZ8U	ZZ8V	ZZ8W	ZZ8X	ZZ8Y	ZZ8Z	ZZ92
2020 Q1	1.0	11.1	6.4	5.0	2.4	2.0	-0.2
Q2	0.4	29.3	43.6	5.9	2.0	-1.0	-2.2
Q3	0.5	12.0	19.3	2.8	0.8	-0.7	-3.4
Q4	0.2	8.7	16.5	3.4	0.2	0.8	0.1
2021 Q1	1.4	8.7	17.6	-0.7	0.9	1.0	1.0
Q2	2.2	-18.2	-21.3	-3.3	0.2	3.1	2.1
Q3	3.1	-3.0	-6.8	0.9	2.2	3.2	5.8
Q4	4.4	-0.5	-5.3	4.4	3.2	6.3	8.6
2022 Q1	5.7	-6.9	-4.5	6.9	3.2	9.0	12.9
Q2	8.2	-0.2	1.6	10.9	5.9	13.8	19.7

<sup>1</sup> 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

<sup>2</sup> Non-profit institutions serving households

# Annex E - Output components of GDP- growths and revisions from previous estimate<sup>1,2</sup>, 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
<b>Percentage change, latest year on previous year</b>												
<b>Current estimates<sup>3</sup></b>												
	L3BB	L3BG	L3BH	L3BN	L3DM	L3DQ	L3DW	L3E2	L3GP	KI8L	KI8N	KI8P
2019	16.9	2.3	2.2	1.2	14.0	-0.3	1.5	1.5	0.5	6.4	-0.1	2.4
2020	-3.5	1.2	-3.2	0.1	9.1	4.8	-13.5	-12.4	-23.3	-12.5	-3.2	-19.8
2021	5.9	7.4	-11.1	9.7	5.5	7.7	13.2	7.2	8.5	7.4	4.7	11.2
<b>Previous estimates<sup>2</sup></b>												
	A2EQ	A2ER	A2ET	A2ES	A2EU	A2EV	A2EW	A2EY	A2F2	A2F3	A2F4	A2F5
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	-9.8	-8.4	-19.4	-8.9	-2.2	-1.8	-16.1	-8.7	-15.3	-10.0	-5.4	-9.4
2021	4.0	5.1	-11.3	7.2	1.0	6.0	12.9	7.5	12.4	6.9	3.5	11.6
<b>Revisions</b>												
	ZZ52	ZZ53	ZZ55	ZZ54	ZZ56	ZZ57	ZZ58	ZZ59	ZZ5A	ZZ5B	ZZ5C	ZZ5D
2019	1.0	-1.3	0.9	-1.9	1.1	0.2	1.6	-0.1	-0.1	1.0	-0.3	-0.2
2020	6.3	9.6	16.2	9.0	11.3	6.6	2.6	-3.7	-8.0	-2.5	2.2	-10.4
2021	1.9	2.3	0.2	2.5	4.5	1.7	0.3	-0.3	-3.9	0.5	1.2	-0.4
<b>Percentage change, latest quarter on previous quarter</b>												
<b>Current estimates<sup>3</sup></b>												
	L3BB	L3BG	L3BH	L3BN	L3DM	L3DQ	L3DW	L3E2	L3GP	KI8L	KI8N	KI8P
2020 Q1	-0.7	1.0	2.7	1.0	-3.0	4.1	-1.7	-3.0	-8.1	-3.6	0.2	-4.6
Q2	-11.3	-13.5	2.6	-18.0	-3.6	-4.0	-35.4	-21.2	-36.9	-19.6	-8.3	-34.1
Q3	5.2	18.1	-2.9	24.3	9.8	6.1	41.9	15.0	47.4	14.3	3.3	24.4
Q4	0.5	4.1	-1.8	5.9	-1.8	2.3	5.1	0.6	-9.2	2.3	2.0	3.2
2021 Q1	2.2	-0.1	-3.9	-0.7	3.9	2.9	1.0	-1.7	-8.3	-0.4	2.0	-5.4
Q2	2.4	0.6	-17.5	1.4	6.6	0.1	3.8	8.0	22.4	4.2	1.3	15.3
Q3	3.8	-0.7	20.0	-1.1	-8.6	1.0	-1.1	2.4	4.6	2.1	0.7	4.4
Q4	0.2	-1.1	-2.3	-0.9	-5.0	2.0	1.0	2.2	-1.6	2.8	1.6	4.9
2022 Q1	0.6	-0.6	2.8	-1.6	2.7	1.5	2.9	0.8	-	3.2	1.2	-0.7
Q2	0.6	-0.2	-1.0	-1.1	3.9	2.6	1.1	0.2	-0.2	0.7	1.0	-1.0
<b>Previous estimates<sup>2</sup></b>												
	A2CX	A2CY	A2DO	A2DL	A2DR	A2DS	A2DT	A2DU	A2DV	A2DW	A2DX	A2DY
2020 Q1	-7.4	-2.5	-3.6	-2.2	-5.2	0.6	-1.9	-2.7	-5.0	-3.1	-1.0	-3.8
Q2	-15.1	-17.7	-2.5	-22.0	-7.9	-5.8	-35.6	-18.3	-34.1	-16.1	-9.8	-23.3
Q3	4.0	17.1	-3.6	22.5	10.4	5.4	41.6	16.7	50.6	10.1	4.7	25.3
Q4	-1.2	2.6	-2.6	4.1	-2.3	1.1	5.1	1.0	-7.0	2.7	2.1	3.5
2021 Q1	2.8	-0.3	-3.3	-0.9	2.9	2.4	1.0	-1.6	-7.7	-0.3	1.1	-3.1
Q2	2.7	0.7	-17.8	1.8	3.3	0.4	4.0	6.5	21.7	3.7	0.4	9.5
Q3	4.6	0.3	26.0	-	-8.6	0.9	-1.5	1.2	3.2	2.3	0.8	0.1
Q4	0.5	-0.2	-5.3	0.4	-3.8	2.7	1.0	1.5	-1.2	3.6	1.8	2.0
2022 Q1	0.5	1.3	-0.5	1.4	2.0	0.3	2.2	0.6	-0.9	4.3	0.3	-0.3
Q2	0.4	0.5	-0.3	-	2.7	2.9	2.3	-0.4	0.5	0.7	-0.3	-1.6
<b>Revisions</b>												
	ZZ4A	ZZ4B	ZZ4D	ZZ4C	ZZ4E	ZZ4F	ZZ4G	ZZ4H	ZZ4I	ZZ4J	ZZ4K	ZZ4L
2020 Q1	6.7	3.5	6.3	3.2	2.2	3.5	0.2	-0.3	-3.1	-0.5	1.2	-0.8
Q2	3.8	4.2	5.1	4.0	4.3	1.8	0.2	-2.9	-2.8	-3.5	1.5	-10.8
Q3	1.2	1.0	0.7	1.8	-0.6	0.7	0.3	-1.7	-3.2	4.2	-1.4	-0.9
Q4	1.7	1.5	0.8	1.8	0.5	1.2	-	-0.4	-2.2	-0.4	-0.1	-0.3
2021 Q1	-0.6	0.2	-0.6	0.2	1.0	0.5	-	-0.1	-0.6	-0.1	0.9	-2.3
Q2	-0.3	-0.1	0.3	-0.4	3.3	-0.3	-0.2	1.5	0.7	0.5	0.9	5.8
Q3	-0.8	-1.0	-6.0	-1.1	-	0.1	0.4	1.2	1.4	-0.2	-0.1	4.3
Q4	-0.3	-0.9	3.0	-1.3	-1.2	-0.7	-	0.7	-0.4	-0.8	-0.2	2.9
2022 Q1	0.1	-1.9	3.3	-3.0	0.7	1.2	0.7	0.2	0.9	-1.1	0.9	-0.4
Q2	0.2	-0.7	-0.7	-1.1	1.2	-0.3	-1.2	0.6	-0.7	-	1.3	0.6

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)



# Annex E - Output components of GDP- growths and revisions from previous estimate<sup>1,2</sup>, 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
<b>Percentage growths, latest quarter on corresponding quarter of previous year</b>												
<b>Current estimates<sup>3</sup></b>												
2020 Q1	L3ZZ 6.1	L426 3.0	L427 -10.9	L42D 2.0	L44C 20.8	L44G 5.2	L44M -2.2	L44Q -2.3	L47F -10.8	KII2 -4.4	KIH9 1.7	KIH8 -2.4
Q2	-7.0	-10.4	0.4	-15.1	4.5	-0.3	-36.4	-23.3	-43.7	-23.6	-6.5	-36.2
Q3	-5.8	4.7	-2.0	4.2	12.1	5.8	-10.4	-12.4	-16.4	-12.6	-4.8	-21.3
Q4	-6.8	7.3	0.4	9.0	1.0	8.3	-5.2	-11.7	-22.4	-9.4	-3.2	-19.3
2021 Q1	-4.1	6.2	-6.0	7.1	8.1	7.1	-2.6	-10.4	-22.5	-6.3	-1.5	-20.0
Q2	10.7	23.6	-24.5	32.5	19.5	11.7	56.4	22.8	50.3	21.4	8.9	40.1
Q3	9.1	3.9	-6.6	5.5	-0.6	6.4	9.0	9.3	6.7	8.4	6.1	17.5
Q4	8.8	-1.3	-7.0	-1.2	-3.8	6.1	4.7	11.1	15.7	9.0	5.7	19.5
2022 Q1	7.1	-1.7	-0.5	-2.1	-4.9	4.6	6.7	13.8	26.1	12.9	4.9	25.4
Q2	5.2	-2.5	19.4	-4.6	-7.3	7.2	3.9	5.7	2.7	9.1	4.6	7.7
<b>Previous estimates<sup>2</sup></b>												
2020 Q1	A2DZ 10.2	A2E2 -4.4	A2E4 -30.6	A2E3 -3.0	A2E5 5.5	A2EE 0.2	A2EK -4.8	A2EL -1.7	A2EM -5.2	A2EN -2.2	A2EO -0.4	A2EP -1.4
Q2	-10.5	-19.8	-15.6	-23.5	-9.2	-7.0	-40.3	-19.9	-37.6	-18.8	-10.1	-25.0
Q3	-16.5	-6.0	-16.2	-6.5	1.1	-1.3	-12.2	-7.1	-6.1	-11.0	-6.7	-6.8
Q4	-19.3	-3.4	-11.7	-2.8	-5.8	1.0	-6.0	-6.3	-12.4	-8.0	-4.6	-4.4
2021 Q1	-10.4	-1.3	-11.5	-1.5	2.3	2.9	-3.2	-5.2	-14.9	-5.4	-2.5	-3.7
Q2	8.4	20.6	-25.3	28.7	14.7	9.6	56.3	23.5	57.3	16.8	8.5	37.6
Q3	9.1	3.3	-2.4	5.0	-5.0	5.0	8.7	7.1	7.8	8.6	4.5	9.9
Q4	11.0	0.5	-5.1	1.3	-6.6	6.6	4.5	7.7	14.6	9.5	4.1	8.4
2022 Q1	8.4	2.1	-2.4	3.7	-7.4	4.4	5.7	10.1	23.2	14.6	3.3	11.6
Q2	6.0	1.9	18.3	1.8	-7.9	7.0	4.0	3.0	1.7	11.4	2.6	0.3
<b>Revisions</b>												
2020 Q1	ZZ4N -4.1	ZZ4O 7.4	ZZ4Q 19.7	ZZ4P 5.0	ZZ4R 15.3	ZZ4S 5.0	ZZ4T 2.6	ZZ4U -0.6	ZZ4V -5.6	ZZ4W -2.1	ZZ4X 2.1	ZZ4Y -1.0
Q2	3.5	9.4	16.0	8.4	13.7	6.7	3.9	-3.4	-6.1	-4.8	3.6	-11.2
Q3	10.7	10.7	14.2	10.7	11.0	7.1	1.8	-5.3	-10.3	-1.6	1.9	-14.5
Q4	12.5	10.7	12.1	11.8	6.8	7.3	0.8	-5.4	-10.0	-1.4	1.4	-14.9
2021 Q1	6.3	7.5	5.5	8.6	5.8	4.2	0.6	-5.2	-7.6	-0.9	1.0	-16.3
Q2	2.3	3.0	0.8	3.8	4.8	2.1	0.1	-0.7	-7.0	4.6	0.4	2.5
Q3	-	0.6	-4.2	0.5	4.4	1.4	0.3	2.2	-1.1	-0.2	1.6	7.6
Q4	-2.2	-1.8	-1.9	-2.5	2.8	-0.5	0.2	3.4	1.1	-0.5	1.6	11.1
2022 Q1	-1.3	-3.8	1.9	-5.8	2.5	0.2	1.0	3.7	2.9	-1.7	1.6	13.8
Q2	-0.8	-4.4	1.1	-6.4	0.6	0.2	-0.1	2.7	1.0	-2.3	2.0	7.4

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<sup>1,2</sup>, Chained Volume Measures

Seasonally adjusted data

Reference year 2019

Final consumption expenditure								
	House-holds	Non-prof-it instit-utions <sup>3, 5</sup>	General govern-ment	Gross Capital Formation	Gross Fixed Capital Formation	Business investme-nt	Total exports	less Total imports
<b>Percentage change, latest year on previous year</b>								
<b>Current estimates<sup>4</sup></b>								
	KGZ5	KH26	KH2I	ZZ6H	KG7N	KG7M	KH2U	KH3N
2019	1.0	3.0	4.1	2.6	1.9	1.3	1.7	2.6
2020	-12.9	-19.2	-7.3	-14.6	-10.5	-11.9	-12.1	-16.0
2021	6.2	5.8	12.6	12.7	5.6	-0.1	-0.3	2.8
<b>Previous estimates<sup>2</sup></b>								
	A275	A276	A289	A28J	A28L	A29D	A29F	A2CK
2019	1.2	2.1	4.2	-0.1	0.5	0.9	3.4	2.9
2020	-10.5	-12.8	-5.9	-12.7	-9.5	-11.5	-13.0	-15.8
2021	6.2	6.4	14.3	10.5	5.9	0.8	-1.3	3.8
<b>Revisions</b>								
	ZZ83	ZZ84	ZZ85	ZZ86	ZZ87	ZZ88	ZZ89	ZZ8A
2019	-0.2	0.9	-0.1	2.7	1.4	0.4	-1.7	-0.3
2020	-2.4	-6.4	-1.4	-1.9	-1.0	-0.4	0.9	-0.2
2021	-	-0.6	-1.7	2.2	-0.3	-0.9	1.0	-1.0
<b>Percentage change, latest quarter on previous quarter</b>								
<b>Current estimates<sup>4</sup></b>								
	KGZ6	KH27	KH2J	ZZ5H	KG7Q	KG7P	KH2V	KH3O
2020 Q1	-2.9	-3.2	-3.4	7.8	-3.8	-2.7	-9.0	-5.1
Q2	-22.9	-27.4	-18.2	-36.5	-18.6	-20.8	-12.6	-23.8
Q3	19.1	18.3	18.2	46.5	15.7	11.0	-0.3	17.4
Q4	-1.5	2.9	3.8	23.1	3.2	2.8	6.0	15.0
2021 Q1	-3.6	-7.9	0.1	-4.2	-1.4	-6.5	-6.8	-12.3
Q2	10.2	16.3	7.5	-11.2	2.6	6.4	7.3	3.3
Q3	2.9	0.5	0.3	13.3	0.7	1.2	-3.7	4.3
Q4	0.7	0.9	1.4	-9.0	1.2	1.0	10.5	1.1
2022 Q1	0.6	0.4	-1.1	30.5	3.5	-0.7	-4.5	11.2
Q2	0.1	3.0	-1.5	-4.7	-1.4	3.7	3.6	-1.5
<b>Previous estimates<sup>2</sup></b>								
	A24M	A24X	A24Y	A25I	A25J	A25M	A264	A268
2020 Q1	-2.8	-5.5	-2.7	12.0	-2.7	-2.9	-12.7	-6.6
Q2	-20.0	-23.2	-18.3	-32.4	-18.4	-18.7	-11.3	-22.0
Q3	19.6	23.6	18.7	36.4	16.5	9.0	1.0	16.1
Q4	-1.6	4.0	4.0	22.1	3.6	5.0	6.6	14.8
2021 Q1	-3.4	-7.4	1.0	-4.6	-0.9	-7.3	-7.9	-12.4
Q2	8.5	7.4	8.5	-10.3	1.7	7.1	7.2	4.9
Q3	2.6	4.5	-0.6	11.1	0.4	0.7	-4.1	4.6
Q4	0.5	-0.7	1.5	-5.9	1.1	1.0	6.9	0.3
2022 Q1	0.6	-2.0	-1.3	29.5	3.8	-0.6	-4.4	10.4
Q2	-0.2	2.6	-2.9	-2.5	0.6	3.8	2.4	-1.5
<b>Revisions</b>								
	ZZ7L	ZZ7M	ZZ7N	ZZ7O	ZZ7P	ZZ7Q	ZZ7R	ZZ7S
2020 Q1	-0.1	2.3	-0.7	-4.2	-1.1	0.2	3.7	1.5
Q2	-2.9	-4.2	0.1	-4.1	-0.2	-2.1	-1.3	-1.8
Q3	-0.5	-5.3	-0.5	10.1	-0.8	2.0	-1.3	1.3
Q4	0.1	-1.1	-0.2	1.0	-0.4	-2.2	-0.6	0.2
2021 Q1	-0.2	-0.5	-0.9	0.4	-0.5	0.8	1.1	0.1
Q2	1.7	8.9	-1.0	-0.9	0.9	-0.7	0.1	-1.6
Q3	0.3	-4.0	0.9	2.2	0.3	0.5	0.4	-0.3
Q4	0.2	1.6	-0.1	-3.1	0.1	-	3.6	0.8
2022 Q1	-	2.4	0.2	1.0	-0.3	-0.1	-0.1	0.8
Q2	0.3	0.4	1.4	-2.2	-2.0	-0.1	1.2	-

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

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

3 Non-profit institutions serving households

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

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

Final consumption expenditure								
	House- holds	Non-prof- it instit- utions <sup>3</sup>	General govern- ment	Gross capital formation	Gross fixed capital formation	Business investme nt	Total exports	less Total imports
Percentage change, latest quarter on corresponding quarter of the previous year								
Current estimates <sup>4</sup>								
	KGZ7	KH28	KH2K	ZZ5Y	KG7T	KG7S	KH2W	KH3P
2020 Q1	-2.9	-8.7	-0.5	-21.6	-4.2	-0.5	-1.6	-15.0
Q2	-25.5	-33.0	-20.2	-41.7	-21.2	-21.4	-12.6	-29.1
Q3	-11.1	-20.6	-5.5	-11.6	-10.3	-13.7	-17.6	-17.5
Q4	-12.2	-14.5	-3.0	23.5	-6.5	-12.0	-16.0	-2.5
2021 Q1	-12.8	-18.6	0.5	9.7	-4.1	-15.5	-13.9	-9.9
Q2	24.7	30.3	32.1	53.5	20.9	13.4	5.7	22.3
Q3	7.7	10.7	12.0	18.7	5.2	3.4	2.1	8.7
Q4	10.1	8.6	9.4	-12.2	3.1	1.6	6.4	-4.5
2022 Q1	14.9	18.4	8.1	19.6	8.2	7.9	9.0	21.2
Q2	4.3	4.9	-1.0	28.2	3.9	5.2	5.2	15.6
Previous estimates <sup>2</sup>								
	A26C	A26H	A26I	A26J	A26K	A26L	A26M	A26N
2020 Q1	-2.9	-5.2	-0.5	-20.9	-4.5	-1.9	-4.1	-16.1
Q2	-22.9	-28.4	-18.4	-37.1	-20.8	-20.3	-13.5	-27.6
Q3	-7.5	-10.9	-3.2	-10.8	-8.8	-14.2	-17.0	-16.4
Q4	-8.5	-6.7	-1.8	26.1	-4.1	-9.6	-16.7	-2.9
2021 Q1	-9.0	-8.5	2.0	7.4	-2.4	-13.7	-12.1	-8.9
Q2	23.3	27.9	35.4	42.6	21.6	13.7	6.2	22.6
Q3	5.8	8.1	13.4	16.1	4.9	5.1	0.8	10.4
Q4	8.1	3.2	10.5	-10.5	2.3	1.0	1.2	-3.6
2022 Q1	12.6	9.2	8.0	21.5	7.1	8.3	5.0	21.5
Q2	3.6	4.3	-3.4	32.0	5.9	5.0	0.3	14.2
Revisions								
	ZZ7T	ZZ7U	ZZ7V	ZZ7W	ZZ7X	ZZ7Y	ZZ7Z	ZZ82
2020 Q1	-	-3.5	-	-0.7	0.3	1.4	2.5	1.1
Q2	-2.6	-4.6	-1.8	-4.6	-0.4	-1.1	0.9	-1.5
Q3	-3.6	-9.7	-2.3	-0.8	-1.5	0.5	-0.6	-1.1
Q4	-3.7	-7.8	-1.2	-2.6	-2.4	-2.4	0.7	0.4
2021 Q1	-3.8	-10.1	-1.5	2.3	-1.7	-1.8	-1.8	-1.0
Q2	1.4	2.4	-3.3	10.9	-0.7	-0.3	-0.5	-0.3
Q3	1.9	2.6	-1.4	2.6	0.3	-1.7	1.3	-1.7
Q4	2.0	5.4	-1.1	-1.7	0.8	0.6	5.2	-0.9
2022 Q1	2.3	9.2	0.1	-1.9	1.1	-0.4	4.0	-0.3
Q2	0.7	0.6	2.4	-3.8	-2.0	0.2	4.9	1.4

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

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

3 Non-profit institutions serving households

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

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

# AG Annex G - Income components of GDP- growths and revisions from previous estimate<sup>1,2</sup>, Current Prices

Seasonally adjusted data

	Compensation of employees	Gross operating surplus of corporations	Other income	Taxes on products & production less subsidies
<b>Percentage change, latest year on previous year</b>				
<b>Current estimates<sup>3</sup></b>				
	KGI3	KH4V	KH6T	KH65
2019	4.6	2.8	3.4	2.5
2020	0.4	-0.1	-	-50.1
2021	5.8	3.2	3.1	57.9
<b>Previous estimates<sup>2</sup></b>				
	A2CT	A2CU	A2CV	A2CW
2019	4.8	3.3	2.4	2.4
2020	2.9	-0.8	-1.7	-50.1
2021	5.9	5.2	2.6	55.2
<b>Revisions</b>				
	ZZ8J	ZZ8K	ZZ8L	ZZ8M
2019	-0.2	-0.5	1.0	0.1
2020	-2.5	0.7	1.7	-
2021	-0.1	-2.0	0.5	2.7
<b>Percentage change, latest quarter on previous quarter</b>				
<b>Current estimates<sup>3</sup></b>				
	KGI4	KH4W	KH6U	KH66
2020 Q1	0.7	-3.4	-1.0	-6.5
Q2	-3.2	-6.7	-0.8	-106.9
Q3	2.5	11.1	0.4	-904.0
Q4	2.6	-6.2	0.8	16.3
2021 Q1	0.1	2.5	1.3	-10.5
Q2	2.5	3.9	1.2	30.6
Q3	1.9	-2.8	0.1	25.5
Q4	1.7	2.2	1.1	15.3
2022 Q1	2.3	3.9	2.9	1.9
Q2	1.2	0.7	1.4	3.9
<b>Previous estimates<sup>2</sup></b>				
	A2CL	A2CM	A2CN	A2CO
2020 Q1	0.9	-2.9	-0.9	-4.8
Q2	-2.8	-3.2	-2.4	-104.6
Q3	4.0	7.8	2.0	-1 308.4
Q4	2.7	-0.3	-0.8	12.2
2021 Q1	0.1	2.4	1.5	-7.7
Q2	1.9	0.2	1.3	37.3
Q3	1.4	-3.5	-	19.4
Q4	1.1	6.7	1.2	7.8
2022 Q1	2.9	1.6	3.9	7.4
Q2	0.7	-0.7	-0.2	8.3
<b>Revisions</b>				
	ZZ8B	ZZ8C	ZZ8D	ZZ8E
2020 Q1	-0.2	-0.5	-0.1	-1.7
Q2	-0.4	-3.5	1.6	-2.3
Q3	-1.5	3.3	-1.6	404.4
Q4	-0.1	-5.9	1.6	4.1
2021 Q1	-	0.1	-0.2	-2.8
Q2	0.6	3.7	-0.1	-6.7
Q3	0.5	0.7	0.1	6.1
Q4	0.6	-4.5	-0.1	7.5
2022 Q1	-0.6	2.3	-1.0	-5.5
Q2	0.5	1.4	1.6	-4.4

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

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	Compen- sation of employees	Gross operating surplus of corporations	Other income	Taxes on products & production less subsidies
<b>Percentage change, latest quarter on corresponding quarter of previous year</b>				
<b>Current estimates<sup>3</sup></b>				
	KGI5	KH4X	KH6V	KH67
2020 Q1	2.3	4.5	1.1	-5.7
Q2	-2.6	-2.2	-0.5	-106.5
Q3	-0.5	3.7	-	-48.4
Q4	2.5	-6.1	-0.6	-39.9
2021 Q1	1.9	-0.3	1.6	-42.4
Q2	7.8	11.0	3.6	-1 193.3
Q3	7.2	-2.9	3.4	70.7
Q4	6.3	5.8	3.7	69.2
2022 Q1	8.6	7.3	5.4	92.5
Q2	7.2	4.1	5.6	53.2
<b>Previous estimates<sup>2</sup></b>				
	A2CP	A2CQ	A2CR	A2CS
2020 Q1	4.4	-1.8	-0.9	-4.2
Q2	-0.2	-2.3	-3.3	-104.2
Q3	2.7	-0.2	-0.5	-48.3
Q4	4.9	1.1	-2.1	-41.2
2021 Q1	4.0	6.5	0.3	-43.0
Q2	9.0	10.3	4.1	-1 818.8
Q3	6.2	-1.3	2.1	69.8
Q4	4.5	5.7	4.1	63.1
2022 Q1	7.4	4.9	6.5	89.8
Q2	6.1	3.9	4.9	49.6
<b>Revisions</b>				
	ZZ8F	ZZ8G	ZZ8H	ZZ8I
2020 Q1	-2.1	6.3	2.0	-1.5
Q2	-2.4	0.1	2.8	-2.3
Q3	-3.2	3.9	0.5	-0.1
Q4	-2.4	-7.2	1.5	1.3
2021 Q1	-2.1	-6.8	1.3	0.6
Q2	-1.2	0.7	-0.5	625.5
Q3	1.0	-1.6	1.3	0.9
Q4	1.8	0.1	-0.4	6.1
2022 Q1	1.2	2.4	-1.1	2.7
Q2	1.1	0.2	0.7	3.6

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