

Statistical bulletin

# GDP first quarterly estimate, UK: January to March 2021

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



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## Table of contents

1. [Main points](#)
2. [Headline GDP figures](#)
3. [Output](#)
4. [Expenditure](#)
5. [Income](#)
6. [Gross domestic product \(GDP\) quarterly national accounts data](#)
7. [Glossary](#)
8. [Measuring the data](#)
9. [Strengths and limitations](#)
10. [Related links](#)

# 1 . Main points

- UK gross domestic product (GDP) is estimated to have decreased by 1.5% in Quarter 1 (Jan to Mar) 2021.
- There have been contractions in services and production output, however, construction output grew over the quarter.
- In output terms, school closures and a large fall in retail sales earlier in the quarter dragged down GDP growth.
- The level of GDP is now 8.7% below where it was before the pandemic at Quarter 4 (Oct to Dec) 2019.
- Government consumption increased and the trade balance improved in Quarter 1 2021 (although this was because of imports falling more sharply than exports), however household final consumption expenditure and business investment declined as a result of the reintroduction of coronavirus restrictions.

GDP estimates for Quarter 1 2021 are subject to [more uncertainty than usual](#) as a result of the challenges we faced estimating GDP in the current conditions.

## 2 . Headline GDP figures

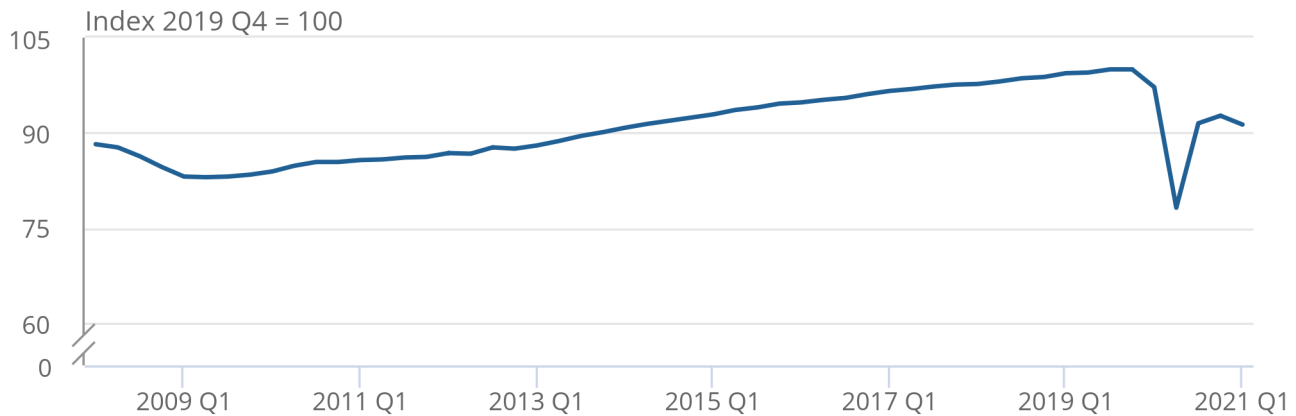
UK gross domestic product (GDP) is estimated to have contracted by 1.5% in Quarter 1 (Jan to Mar) 2021 (Figure 1). The level of GDP in the UK is now 8.7% below where it was prior to the pandemic at the end of 2019. Compared with the same quarter a year ago, when the initial economic impacts of the coronavirus (COVID-19) pandemic began to show, the UK economy fell by 6.1%.

**Figure 1: Real GDP fell by 1.5% in Quarter 1 2021 and is now 8.7% lower than its pre-pandemic level**

UK, Quarter 1 (Jan to Mar) 2008 to Quarter 1 (Jan to Mar) 2021

Figure 1: Real GDP fell by 1.5% in Quarter 1 2021 and is now 8.7% lower than its pre-pandemic level

UK, Quarter 1 (Jan to Mar) 2008 to Quarter 1 (Jan to Mar) 2021



Source: Office for National Statistics – GDP first quarterly estimate

**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.

Nominal GDP fell by 0.1% in Quarter 1 2021. Following two quarters of decline, the implied deflator increased by 1.4% in Quarter 1 2021. Compared with the same quarter a year ago, the implied GDP deflator increased by 4.8%, mainly reflecting an increase in the implied price change of government consumption. The implied GDP deflator represents the broadest measure of inflation in the domestic economy, reflecting changes in the price of all goods and services that comprise GDP.

Several countries have published first estimates of GDP for Quarter 1 2021, including the [United States](#), [Germany](#), [France](#), [Italy](#) and [Spain](#). Real GDP is estimated to have increased by 1.6% in the US and 0.4% in France in Quarter 1 2021, while there were contractions in real GDP in Germany, Spain and Italy in Quarter 1 2021. The level of real GDP in each of these countries remains below where it was before the effects of the coronavirus pandemic to a varying extent (Figure 2). Real GDP in the US has almost recovered to its levels before the pandemic.

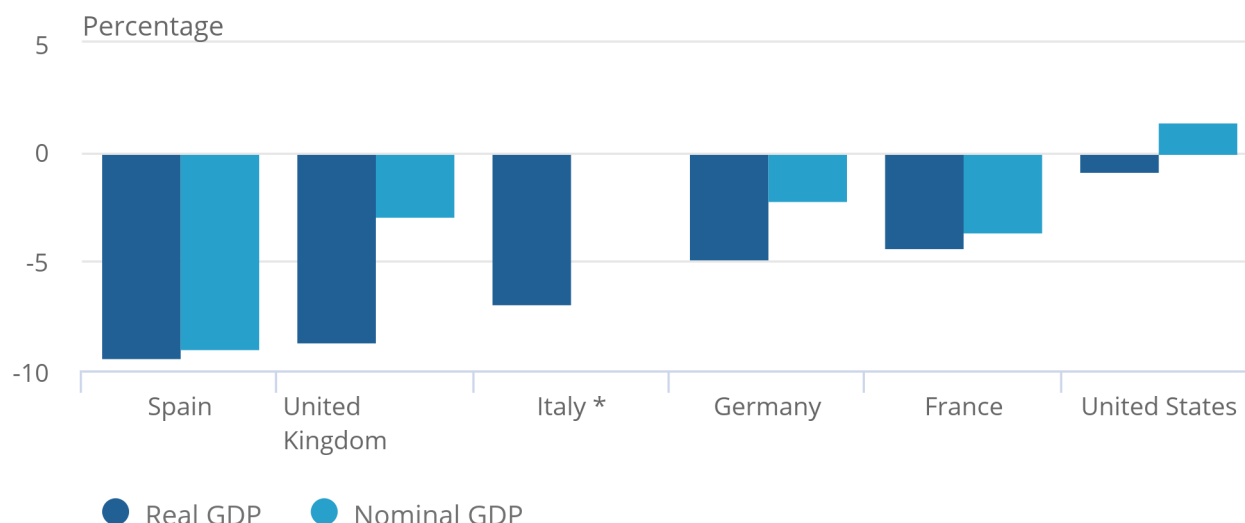
Recent analysis highlights the [challenges of making international comparisons of GDP at this time](#) and suggests it may be useful to compare nominal and real estimates of GDP, as well as estimates excluding government expenditure. Except for the US where nominal GDP has surpassed its level before the pandemic, nominal GDP in these countries remains below where it was at the end of 2019.

**Figure 2: UK real GDP in Quarter 1 2021 was 8.7% lower than where it was at the end of 2019, whereas US real GDP has almost recovered to its pre-pandemic levels**

Quarter 4 (Oct to Dec) 2019 to Quarter 1 (Jan to Mar) 2021

Figure 2: UK real GDP in Quarter 1 2021 was 8.7% lower than where it was at the end of 2019, whereas US real GDP has almost recovered to its pre-pandemic levels

Quarter 4 (Oct to Dec) 2019 to Quarter 1 (Jan to Mar) 2021



Source: Office for National Statistics – GDP first quarterly estimate

**Notes:**

1. Chart shows the percentage change in real and nominal GDP in Quarter 1 (Jan to Mar) 2021 compared with Quarter 4 (Oct to Dec) 2019.
2. Nominal GDP data for Italy was not available for Quarter 1 2021.
3. Data as at 4 May 2021.

The extent of these cumulative falls has not been uniform across countries. One reason for this is how we measure non-market output in the UK, where we use direct measures of the volume of activity for health and education.

Our initial international engagement has shown that these volume indicators have not been implemented as widely by other National Statistical Institutes (NSIs) in the early estimates of GDP, so there are some challenges around international comparability at this stage.

More information on the international comparability of GDP estimates can be found in [International comparisons of GDP during the coronavirus \(COVID-19\) pandemic](#).

Table 1: Headline National Accounts indicators for the UK

Chained volume measures					Current market prices		
	GDP	Household expenditure	Gross fixed capital formation	GDP per head <sup>3</sup>	GDP	Compensation of employees	GDP implied deflator
Seasonally adjusted							
2020 Q1	-2.8	-2.6	-1.2	-3.0	-1.4	0.7	1.5
2020 Q2	-19.5	-20.8	-20.7	-19.6	-13.5	-3.0	7.5
2020 Q3	16.9	19.7	19.0	16.8	13.0	3.6	-3.3
2020 Q4	1.3	-1.7	4.4	1.1	0.8	2.5	-0.5
2021 Q1	-1.5	-3.9	-2.3	-1.6	-0.1	0.1	1.4

Source: Office for National Statistics – GDP first quarterly estimate

#### 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 24 June 2020 published estimates.

## 3 . Output

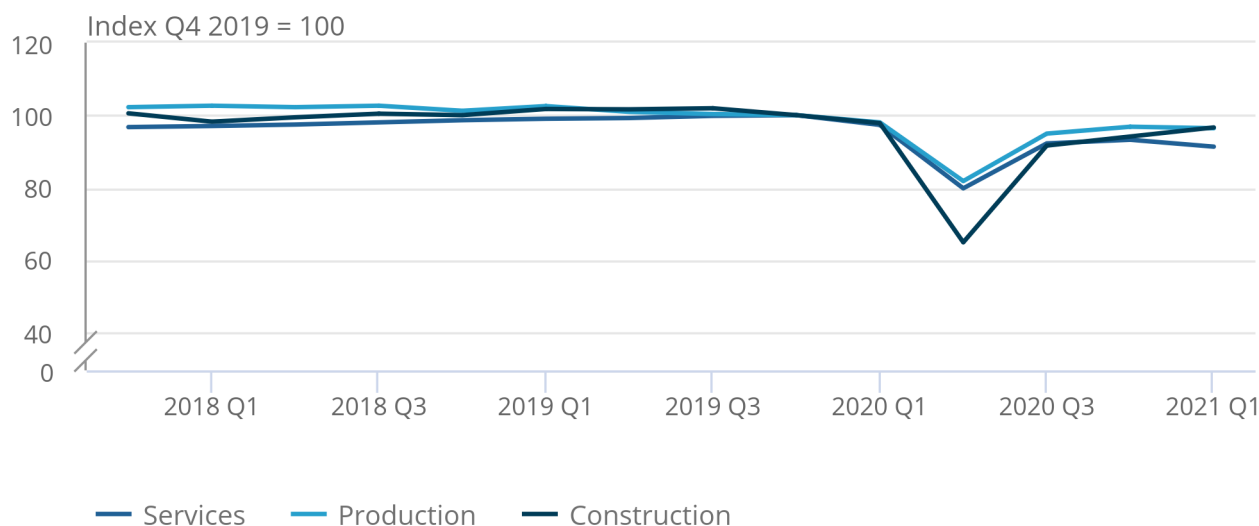
Services and production output contracted in Quarter 1 (Jan to Mar) 2021, while construction output increased.

**Figure 3: There was a decrease in output in services and production in Quarter 1 2021 due to the impact of coronavirus restrictions, while construction expanded**

Quarter 4 (Oct to Dec) 2017 to Quarter 1 (Jan to Mar) 2021

Figure 3: There was a decrease in output in services and production in Quarter 1 2021 due to the impact of coronavirus restrictions, while construction expanded

Quarter 4 (Oct to Dec) 2017 to Quarter 1 (Jan to Mar) 2021



Source: Office for National Statistics – GDP first quarterly estimate

**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.

## Services

In Quarter 1 2021, services output decreased by 2.0% and is now 8.7% below Quarter 4 2019 levels. The largest contributor to this fall was from the education sector, with strong contributions from accommodation and food services, and the wholesale and retail sector (Figure 4).

The 11.8% fall in education output in Quarter 1 2021 reflects the low level of school attendance in January and February because of the closure of schools as part of the government response to the coronavirus (COVID-19) pandemic. School attendance improved in March, when schools in some areas of the UK began reopening.

Accommodation and food services fell by 18.2%, reflecting the impact of coronavirus restrictions that forced the closure of non-essential establishments such as hotels and restaurants. The coronavirus restrictions also impacted the wholesale and retail trade sector, which fell by 5.9%. Other personal service activities, which includes hairdressers, fell by 15.8% as coronavirus restrictions impacted this customer-facing sector.

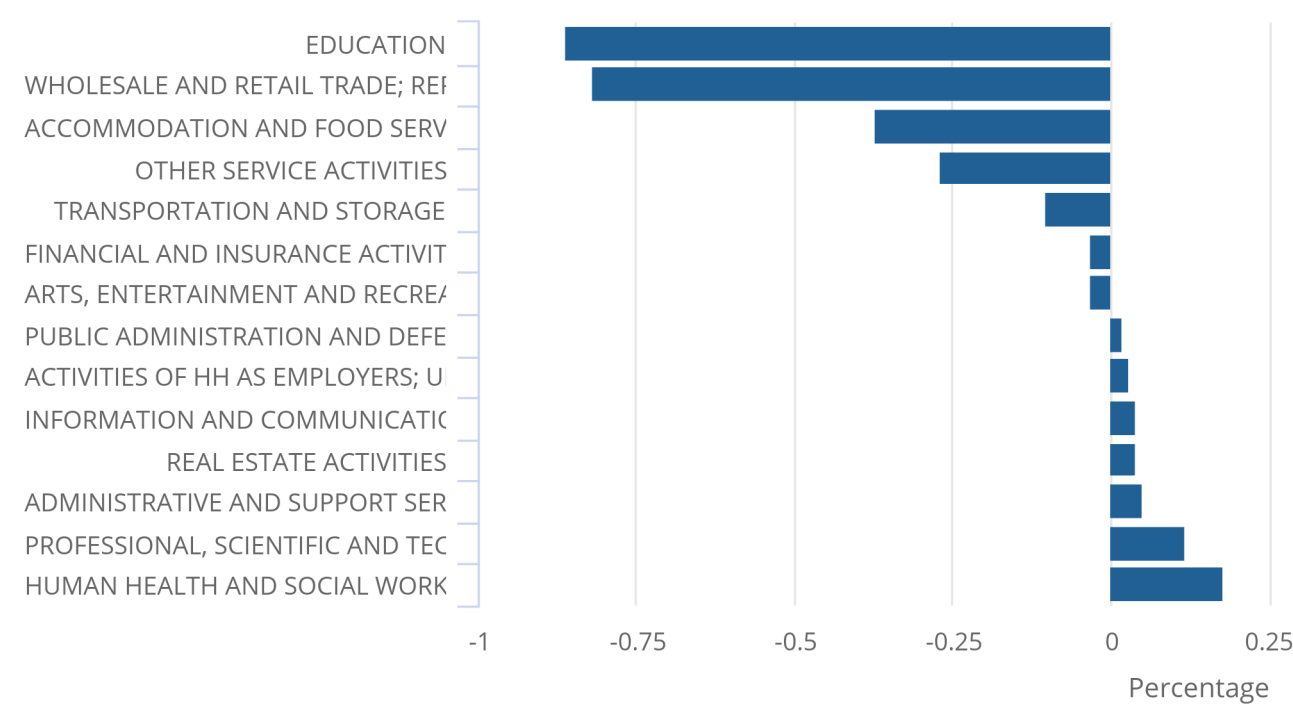
Health was one of the few service sectors that experienced a pickup in Quarter 1 2021, with a 1.8% increase, reflecting the inclusion of the NHS Test and Trace service and coronavirus (COVID-19) vaccination adjustments. There is more information on health and education estimates in Quarter 1 2021 in [Section 4: Expenditure](#), including adjustments to more fully capture health services such as the NHS Test and Trace service.

**Figure 4: The move to remote learning for the majority of pupils was the main contributor to the 2.0% fall in services output in Quarter 1 2021**

UK, Quarter 1 (Jan to Mar) 2021 contributions to services growth

Figure 4: The move to remote learning for the majority of pupils was the main contributor to the 2.0% fall in services output in Quarter 1 2021

UK, Quarter 1 (Jan to Mar) 2021 contributions to services growth



Source: Office for National Statistics – GDP first quarterly estimate

Notes:

- 1. Chart shows contribution to services growth.
- 2. Components contribution may not sum to total due to rounding.

## Production

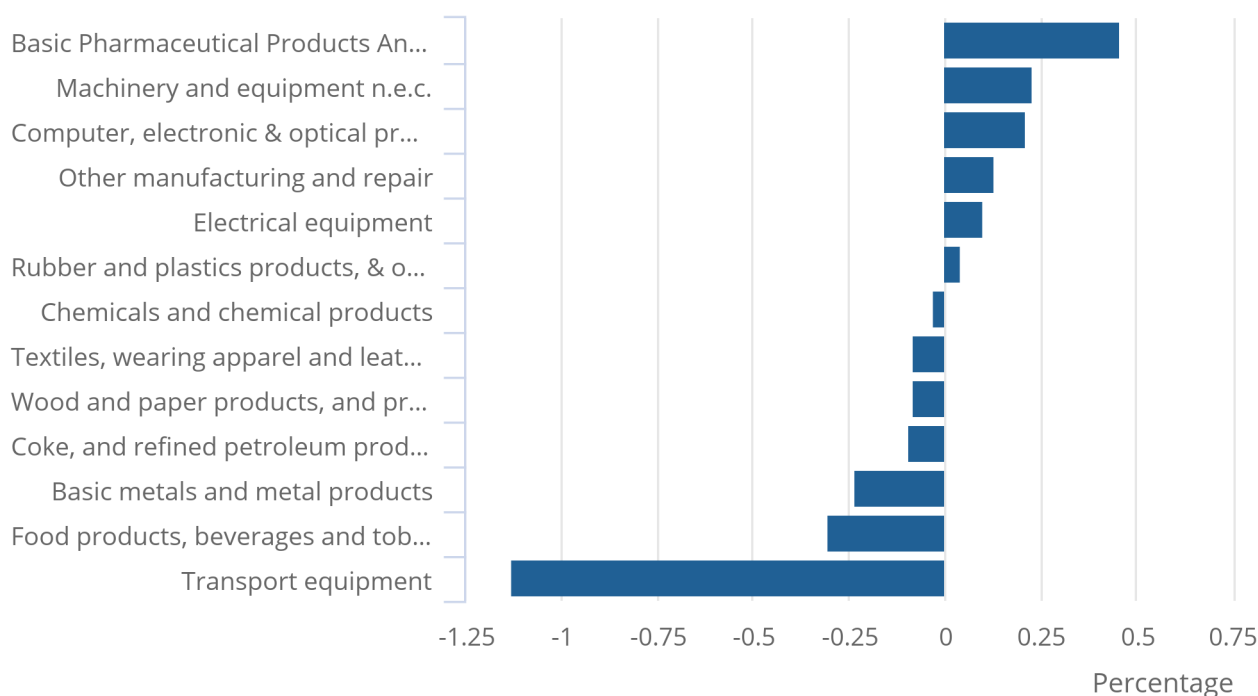
Production output decreased by 0.4% in Quarter 1 2021, mainly because of a 0.7% fall in manufacturing (Figure 5). In comparison with levels before the pandemic, production is now 3.6% lower while manufacturing is 3.4% below Quarter 4 2019 levels.

**Figure 5: Production output decreased by 0.4% in Quarter 1 2021, driven by a decrease in manufacturing of transport equipment**

UK, Quarter 1 (Jan to Mar) 2021 contributions to production growth

Figure 5: Production output decreased by 0.4% in Quarter 1 2021, driven by a decrease in manufacturing of transport equipment

UK, Quarter 1 (Jan to Mar) 2021 contributions to production growth



Source: Office for National Statistics – GDP first quarterly estimate

**Notes:**

1. Chart shows contribution to production growth.
2. Components contribution may not sum to total due to rounding.



The fall in manufacturing output in the quarter was driven by the 8.5% decrease in manufacturing of transport equipment, partially offset by a 5.6% increase in manufacturing of pharmaceutical products. According to the latest Bank of England [Agents' Summary of Business Conditions](#), the fall in manufacturing output was partly because of “the unwinding of stockbuilding that had taken place in late 2020 ahead of new trading arrangements with the EU coming into effect, and freight delays that had resulted in materials shortages”.

After a 3.8% fall in Quarter 4 2020, mining and quarrying continued to fall in Quarter 1 2021 by 2.5%.

## Construction

In Quarter 1 2021, construction output increased by 2.6%. In comparison with Quarter 4 2019, construction industry output is still 3.4% below the levels before the pandemic.

The quarterly increase is mainly because of a 5.8% increase in March 2021, which was especially noticeable in private housing (both new work and repair and maintenance) and private commercial new work.

Anecdotal evidence received from survey returns for March 2021 suggested increased new work, delayed projects returning to sites, and a general increase in demand and confidence across the industry, as well as [unusually warm weather](#), were contributing factors to the large monthly increase in construction output.

As highlighted by the March [IHS UK Construction PMI](#), output was driven by “mobilisation of delayed projects, especially in areas such as hospitality, leisure, and office development”, as well as “greater spending on residential construction work and rising new home sales

## 4 . Expenditure

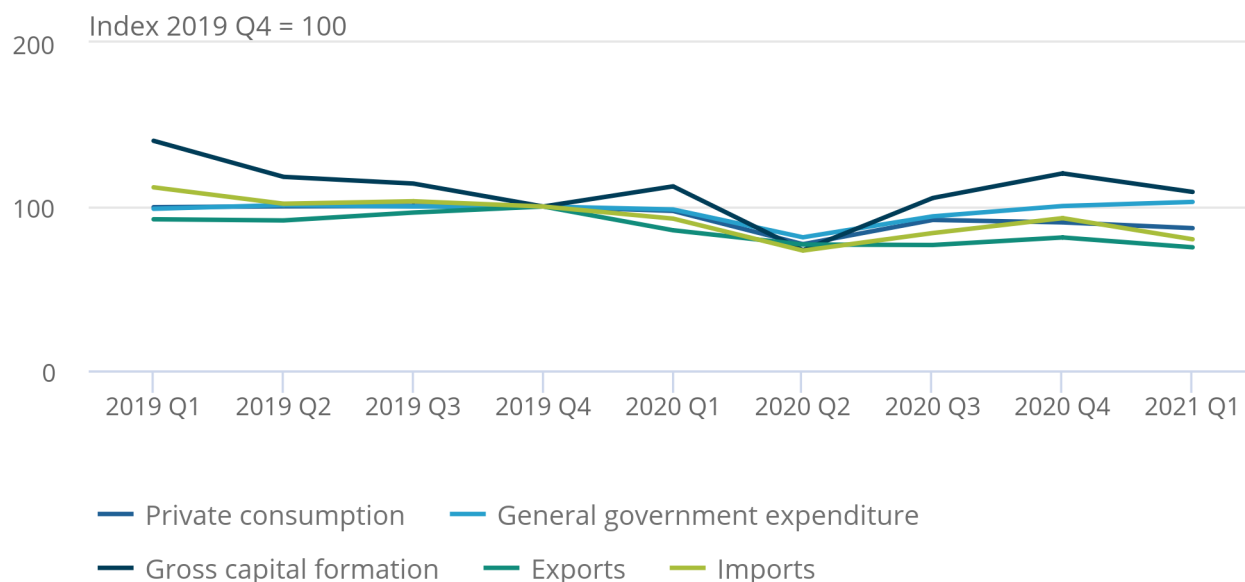
In Quarter 1 (Jan to Mar) 2021, there was a decline in household consumption expenditure and gross capital formation (Figure 6). The increase in real government expenditure was driven by public administration and defence and health, which more than offset the fall in spending on education given school closures. UK trade contracted further in Quarter 1 2021, with falls both in imports and exports of goods and services.

**Figure 6: Household expenditure and gross capital formation fell in Quarter 1 2021, partly offset by a rise in government expenditure**

UK, Quarter 1 (Jan to Mar) 2019 to Quarter 1 (Jan to Mar) 2021

**Figure 6: Household expenditure and gross capital formation fell in Quarter 1 2021, partly offset by a rise in government expenditure**

UK, Quarter 1 (Jan to Mar) 2019 to Quarter 1 (Jan to Mar) 2021



Source: Office for National Statistics – GDP first quarterly estimate

**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. Private consumption is household final consumption expenditure and non-profit institutions serving households.
4. Gross capital formation includes the alignment adjustment which is applied to the Change in Inventories component in the expenditure approach to measuring GDP.

## Household consumption

Household consumption decreased by 3.9% in Quarter 1 2021, following a 1.7% contraction in the previous quarter. In comparison with levels before the pandemic, household consumption is now 12.8% lower than in Quarter 4 (Oct to Dec) 2019.

In Quarter 1 2021, spending in restaurants and hotels fell by 26.4% because of the coronavirus (COVID-19) restrictions in place during the quarter. These restrictions, which included the closure of non-essential stores, impacted negatively on retail sales, particularly in January 2021. Spending on transport has also been affected by the restrictions on mobility, falling by 15.2% in Quarter 1 2021.

The latest [data on credit and debit card spending](#) in the UK shows that, despite recovering throughout the quarter, spending at the end of March 2021 was still 13% below the levels before the pandemic, with social expenses around 30% lower. This reflects the closure of bars and restaurants and the impact of the pandemic on limiting social events.

## **Gross capital formation**

In Quarter 1 2021, gross fixed capital formation (GFCF) decreased by 2.3%, mainly because of a 51.8% fall in transport equipment. Business investment fell by 11.9% in the quarter and is now 18.4% below the levels before the pandemic (Figure 7).

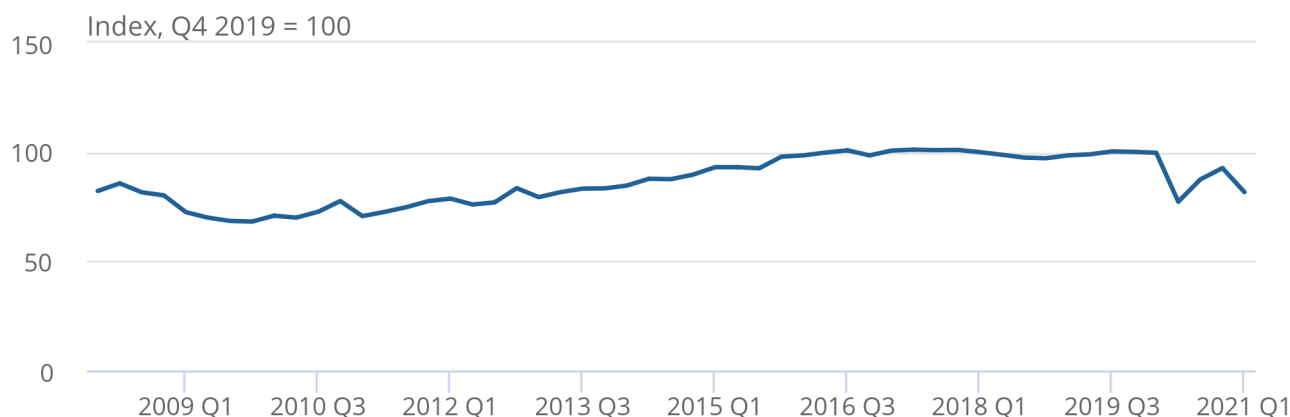
According to the [Bank of England Agents' Summary of Business Conditions](#), investment intentions are still weak despite coronavirus (COVID-19) vaccination and the government plan to ease restrictions, as “considerable caution remains about the strength of a future recovery”.

**Figure 7: Business investment fell in Quarter 1 2021, and it is now 18.4% below Quarter 4 2019 levels**

UK, Quarter 1 (Jan to Mar) 2008 to Quarter 1 (Jan to Mar) 2021

## Figure 7: Business investment fell in Quarter 1 2021, and it is now 18.4% below Quarter 4 2019 levels

UK, Quarter 1 (Jan to Mar) 2008 to Quarter 1 (Jan to Mar) 2021



Source: Office for National Statistics – GDP first quarterly estimate

### 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.

During Quarter 4 (Oct to Dec) 2020, there was evidence of some stockpiling taking place in advance of the end of the EU exit transition period, which translated into a £1.5 billion increase in inventories, mainly on finished manufacturing goods.

In Quarter 1 2021, finished manufacturing goods, as well as retail, continued experiencing an increase in inventories. This is likely caused by several factors, including late arrivals because of port issues at the end of the previous quarter, build-up because of slow economic activity in the quarter, and increases in stock in anticipation of the reopening of stores. Despite the increase in these sectors, the unaligned inventories data show a decrease of £0.8 billion in stocks being held by UK companies in Quarter 1 2021, mainly driven by mining and quarrying (Table 2).

Note that alignment and balancing adjustments are typically applied to the inventories component to help balance the different approaches to GDP. More detail can be found in [Section 9: Quality and methodology](#). Therefore, the unadjusted data can provide a better understanding of the change in the inventory position of businesses in the whole economy.

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

	<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>2020 Q1 Current price</b>	-2007	1048		-3055
<b>Chained volume measure</b>	-2368	975		-3343
<b>2020 Q2 Current price</b>	-3344	-3028	-1450	1134
<b>Chained volume measure</b>	-6140	-2735	-1450	-1955
<b>2020 Q3 Current price</b>	-5616	1557		-7173
<b>Chained volume measure</b>	-3950	1400		-5350
<b>2020 Q4 Current price</b>	3690	423	1000	2267
<b>Chained volume measure</b>	2848	360	1000	1488
<b>2021 Q1 Current price</b>	81	-1537		1618
<b>Chained volume measure</b>	-2211	-1407		-804

Source: Office for National Statistics – GDP first quarterly estimate

#### 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.

## Consumption of government goods and services

In Quarter 1 2021, government consumption increased by 2.6%. Nominal government consumption in health increased by 1.4% in Quarter 1 2021. This has been partly reflected in a volume increase of healthcare services, mainly because of the NHS Test and Trace service and COVID-19 vaccination.

It should be noted that while government final consumption expenditure in nominal terms includes spending on the NHS Test and Trace service and COVID-19 vaccination, such activities are not captured within our source data for government final consumption expenditure in volume terms. We have therefore added NHS Test and Trace and COVID-19 vaccination adjustments of £7,500 million to our volume measure in Quarter 1 2021, of which £5,600 million is in relation to the NHS Test and Trace service and £1,900 million is in relation to COVID-19 vaccination.

The consumption of education services fell by 11.6% in Quarter 1 2021, following a 9.9% increase in the previous quarter. This reflects the fall in attendance in January and February because of the closure of schools in response to the coronavirus pandemic and the extent to which remote learning is considered an effective substitute for in-person teaching. Detailed information on our approach to measuring education is included in our latest [Coronavirus and the impact on measures of UK government education output](#) publication.

## **Adjustments for NHS Test and Trace and coronavirus (COVID-19) vaccination in the UK**

Adjustments have been applied to the data for the impact from the NHS Test and Trace service and COVID-19 vaccination, using updated quarterly government data in order to reflect the growth in the programmes and their impact on the economy. The volume adjustment for Quarter 1 2021 is £7,500 million (with a split of £5,600 million for NHS Test and Trace and £1,900 million for COVID-19 vaccination). The equivalent adjustment for Quarter 4 2020 was £4,500 million and £1,000 million for Quarter 3 2020.

Not all of this extra activity will be seen in the output of the health industry as there are other industries involved in the production of COVID-19 vaccines and various testing kits, as well as a number of service industries involved in the logistical process of delivering the programmes. We will be undertaking further work to understand the supply chains involved in delivering the NHS Test and Trace service, as well as the production and distribution of COVID-19 vaccination, which may lead to some revisions to the industry distribution of these activities.

These approximate estimates are informed by the latest available data including in-year spending data for the NHS Test and Trace service; the available estimated cost to secure and manufacture COVID-19 vaccines for the UK and deploy vaccines in England; available testing and vaccination data and estimated imports. These are early estimates that will be refined when a new method is introduced later in 2021.

## **Net trade**

The UK trade balance improved in Quarter 1 2021, recording a deficit of 0.5% of nominal GDP (Figure 8). Imports of goods fell by 15.6%, mainly driven by falls in machinery and transport, miscellaneous manufactures such as clothing, and medical and pharmaceutical products. Exports of goods fell by 11.6%, mainly because of decreases in fuels, chemicals, and miscellaneous manufactures.

The decline in trade in Quarter 1 2021 is likely a consequence of previous stockpiling in preparation for the end of the EU exit transition period, as well as the ongoing impact of the coronavirus pandemic.

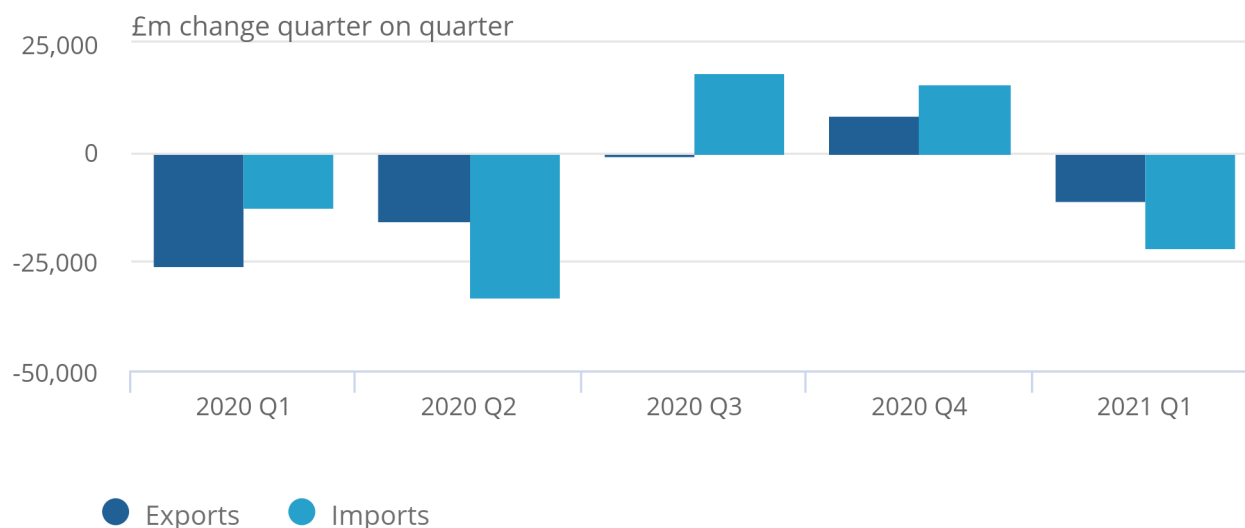
Services imports experienced an 8.1% decrease, driven by other business services as well as intellectual property. For services exports, the 2.2% fall reflects declines in insurance, intellectual property, and other business services.

**Figure 8: Imports and exports of both goods and services fell in Quarter 1 2021, with the UK trade balance improving due to the sharper decline in imports**

UK, Quarter 1 (Jan to Mar) 2020 to Quarter 1 (Jan to Mar) 2021

Figure 8: Imports and exports of both goods and services fell in Quarter 1 2021, with the UK trade balance improving due to the sharper decline in imports

UK, Quarter 1 (Jan to Mar) 2020 to Quarter 1 (Jan to Mar) 2021



Source: Office for National Statistics – GDP first quarterly estimate

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. Data is in seasonally adjusted chain volume measures, £m change quarter on quarter.

## 5 . Income

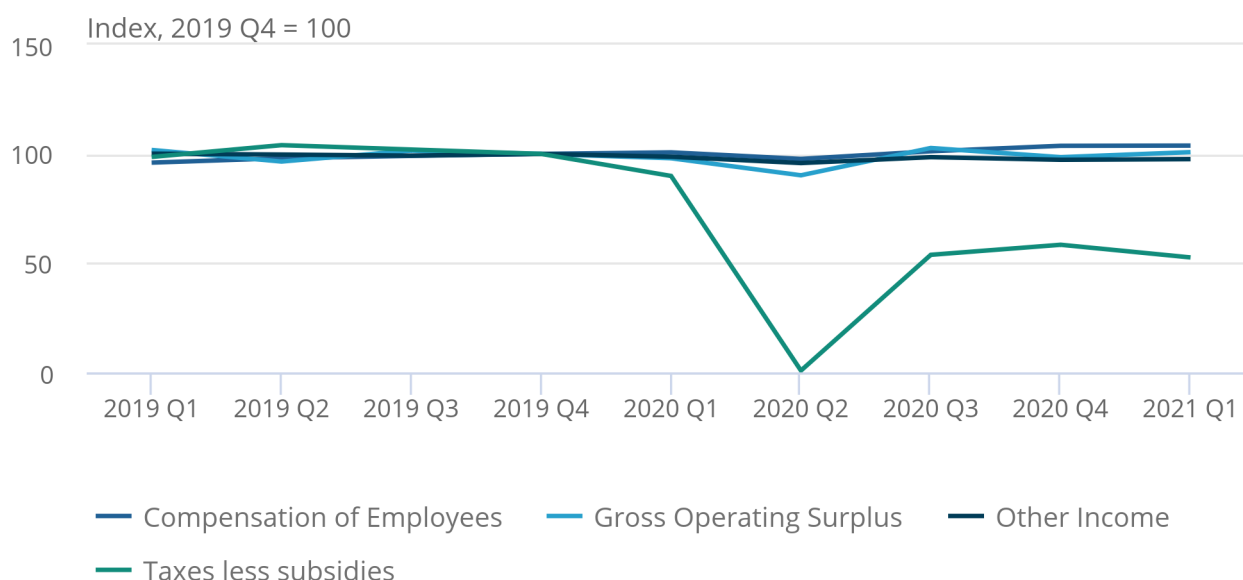
Nominal gross domestic product (GDP) fell by 0.1% in Quarter 1 (Jan to Mar) 2021 and remains 2.9% below its level before the pandemic in Quarter 4 (Oct to Dec) 2019 (Figure 9). Compensation of employees (CoE) rose by 0.1% in Quarter 1 2021, driven by a 0.5% increase in wages and salaries. Meanwhile, employers' social contributions fell by 1.8% in Quarter 1 2021.

**Figure 9: Nominal GDP fell by 0.1% in Quarter 1 2021 and remains 2.9% below its pre-pandemic level**

UK, Quarter 1 (Jan to Mar) 2019 to Quarter 1 (Jan to Mar) 2021

## Figure 9: Nominal GDP fell by 0.1% in Quarter 1 2021 and remains 2.9% below its pre-pandemic level

UK, Quarter 1 (Jan to Mar) 2019 to Quarter 1 (Jan to Mar) 2021



Source: Office for National Statistics – GDP first quarterly estimate

### 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.

Taxes fell by 1.2% in Quarter 1 2021 while subsidies increased by 11.4%. The quarterly decline in taxes in Quarter 1 2021 reflects a fall in revenues from hydrocarbon oil (Fuel Duty) while the quarterly increase in subsidies mainly reflects rising demand for government support, with increases in subsidy payments related to the Coronavirus Job Retention Scheme (CJRS) and the Small Business Grants Fund (SBGF).

According to the [Business Insights and Conditions Survey](#) (BICS) the share of businesses temporarily closed doubled between December 2020 and January 2021 to approximately one in four. As a result of these temporary business closures, the proportion of the workforce on furlough rose from 13.7% in mid-December 2020 to 19.9% in late January 2021. The proportion of businesses applying for and receiving government support grants also increased in Quarter 1 2021 according to BICS.

Gross operating surplus (GOS) of corporations increased by 2.3% in Quarter 1 2021, with GOS of private non-financial corporations increasing by 2.9%. However, this mainly reflects the alignment adjustment that is applied to this component for the purpose of balancing the income estimate of GDP for this quarter (Table 3). When the alignment adjustment is removed, GOS of private non-financial corporations increased by 0.5%.



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

UK, Quarter 1 (Jan to Mar) 2020 to Quarter 1 (Jan to Mar) 2021

<b>Gross operating surplus of private non-financial corporations</b>	<b>Of which alignment</b>	<b>Gross operating surplus of private non-financial corporations excluding alignment</b>	<b>Gross operating surplus of private non-financial corporations excluding alignment</b>
<b>Quarter-on-quarter growth</b>			
<b>2020 Q1</b> 95662	-1032	96694	-1.8
<b>2020 Q2</b> 88878	-397	89275	-7.7
<b>2020 Q3</b> 101583	2895	98688	10.5
<b>2020 Q4</b> 96887	-1466	98353	-0.3
<b>2021 Q1</b> 99708	863	98845	0.5

Source: Office for National Statistics – GDP first quarterly estimate

#### 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 . Gross domestic product (GDP) quarterly national accounts data

### [GDP – data tables](#)

Dataset | Released 12 May 2021

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

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

Dataset | Released 12 May 2021

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

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

Dataset | Released 12 May 2021

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

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

## Gross domestic product (GDP)

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

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

## Index numbers

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

## Rolling three-month growth

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

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

## 8 . Measuring the data

In line with the [National Accounts Revisions Policy](#), there are no revisions outside of Quarter 1 (Jan to Mar) 2021 in this publication.

## Reaching the gross domestic product (GDP) balance

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

There is a difference in 2019 and 2020 data (in both levels and growths terms) between the quarterly publications (average GDP) and the [GDP monthly estimate](#) (output approach to GDP). This is because quarterly GDP is a balanced measure of the three approaches and the output approach focuses solely on growth in gross value added and output as a proxy for 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 gross value added concept to a GDP basis.

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

Alignment adjustments, found in Table M of the [GDP quarterly national accounts data tables](#), have a target limit of plus or minus £3,000 million on any quarter.

To achieve a balanced GDP dataset through alignment, balancing adjustments are applied to the components of GDP where data content is particularly weak in a given quarter because of a higher level of forecast content. No balancing adjustments were applied in Quarter 1 2021.

## 9 . Strengths and limitations

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

### Important quality information

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

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

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

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

GDP estimates for Quarter 1 (Jan to Mar) 2021 are subject to [more uncertainty than usual](#) as a result of the challenges we faced estimating GDP in the current conditions. Differences in the methods for estimating the output of health and education services across different countries mean GDP may be less internationally comparable during the coronavirus (COVID-19) pandemic and recovery than usual, so should be made with increased caution. For more information, please refer to our [recently published blog](#).

## 10 . Related links

### [Coronavirus and the effects on GDP](#)

Article | Released 6 May 2020

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

### [GDP monthly estimates, UK: March 2021](#)

Bulletin | Released 12 May 2021

Gross domestic product (GDP) measures the value of goods and services produced in the UK. It estimates the size of and growth in the economy.

### [Construction output in Great Britain: March 2021](#)

Bulletin | Released 12 May 2021

Short-term measures of output by the construction industry in Great Britain and contracts awarded for new construction work in Great Britain.

### [Index of Production, UK: March 2021](#)

Bulletin | Released 12 May 2021

Movements in the volume of production for the UK production industries: manufacturing, mining and quarrying, energy supply, and water and waste management. Figures are seasonally adjusted.

### [Index of Services, UK: March 2021](#)

Bulletin | Released 12 May 2021

Monthly movements in output for the services industries. Figures are seasonally adjusted.

### [Coronavirus and the impact on output in the UK economy, UK: March 2021](#)

Article | Released 12 May 2021

Analysis of monthly growth for the production, services and construction industries in the UK economy between December 2020 and January 2021, highlighting the impact from the coronavirus (COVID-19) pandemic.

# A1 Gross domestic product and gross value added<sup>1,2</sup>

2018 = 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	Market sector gross value added	Gross national expenditure	Gross domestic product at market prices	Gross value added at basic prices
	YBEU	YBEX	YBEZ	CGCE	L48H	YBFV	YBGB	CGBV
2018	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2019	103.6	103.7	101.4	101.6	101.3	102.1	102.1	102.1
2020	98.6	99.8	91.4	91.5	90.6	107.8	107.8	109.1
<b>Seasonally adjusted</b>								
2018 Q4	101.2	101.2	100.5	100.7	100.6	100.4	100.6	100.5
2019 Q1	102.5	102.7	101.1	101.2	101.3	101.4	101.4	101.4
Q2	103.1	102.9	101.2	101.4	101.1	101.9	101.8	101.5
Q3	104.3	104.4	101.7	101.9	101.5	103.0	102.5	102.4
Q4	104.5	104.8	101.7	101.9	101.2	102.2	102.7	102.9
2020 Q1	103.0	103.9	98.8	99.0	98.5	103.8	104.2	104.9
Q2	89.1	90.2	79.6	79.6	77.8	112.7	112.0	113.3
Q3	100.8	102.3	93.1	93.1	92.9	107.9	108.2	109.9
Q4	101.6	102.9	94.3	94.3	93.2	107.7	107.7	109.1
2021 Q1	101.4	102.9	92.8	92.9	91.9	109.5	109.3	110.8
<b>Percentage change, latest year on previous year</b>								
	IHYM	KGL6	IHYP	KGM7	L489	KH7D	IHYS	KGM4
2018	3.5	3.6	1.3	1.3	1.7	2.1	2.2	2.2
2019	3.6	3.7	1.4	1.6	1.3	2.1	2.1	2.1
2020	-4.8	-3.7	-9.8	-9.9	-10.5	5.5	5.6	6.9
<b>Percentage change, latest quarter on previous quarter</b>								
	IHYN	KGL8	IHYQ	KGM9		KH7E	IHYT	KGM5
2018 Q4	0.4	0.4	0.2	0.3	0.2	-	0.3	0.1
2019 Q1	1.3	1.5	0.6	0.6	0.6	1.0	0.8	0.9
Q2	0.6	0.2	0.1	0.2	-0.2	0.6	0.4	0.1
Q3	1.1	1.4	0.5	0.5	0.4	1.0	0.6	0.9
Q4	0.2	0.4	-	-	-0.3	-0.7	0.2	0.4
2020 Q1	-1.4	-0.9	-2.8	-2.9	-2.6	1.6	1.5	2.0
Q2	-13.5	-13.1	-19.5	-19.6	-21.1	8.6	7.5	8.0
Q3	13.0	13.4	16.9	17.0	19.4	-4.3	-3.3	-3.1
Q4	0.8	0.5	1.3	1.3	0.4	-0.2	-0.5	-0.7
2021 Q1	-0.1	0.1	-1.5	-1.5	-1.4	1.7	1.4	1.6
<b>Percentage change, latest quarter on corresponding quarter of previous year</b>								
	IHYO	KGM2	IHYR	KGN3	L48D	KH7F	IHYU	KGM6
2018 Q4	3.1	3.1	1.2	1.4	1.5	1.5	1.9	1.7
2019 Q1	4.0	3.9	1.7	1.9	2.1	1.9	2.2	2.0
Q2	3.6	3.7	1.5	1.7	1.3	2.3	2.1	1.9
Q3	3.5	3.6	1.4	1.5	1.1	2.6	2.1	2.0
Q4	3.3	3.6	1.2	1.2	0.6	1.8	2.0	2.4
2020 Q1	0.5	1.2	-2.2	-2.2	-2.7	2.4	2.8	3.4
Q2	-13.5	-12.3	-21.4	-21.5	-23.1	10.6	9.9	11.6
Q3	-3.4	-2.0	-8.5	-8.6	-8.5	4.8	5.6	7.3
Q4	-2.8	-1.9	-7.3	-7.5	-7.8	5.4	4.9	6.0
2021 Q1	-1.5	-0.9	-6.1	-6.1	-6.7	5.4	4.8	5.6

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

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

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

# A2 Gross domestic product and gross value added<sup>1</sup>

£ million

	At current prices			Chained volume measures (Reference year 2018)			
	Gross domestic product at market prices	less Basic price adjustment <sup>2</sup>	Gross value added at basic prices	Gross domestic product at market prices	less Basic price adjustment <sup>2</sup>	Gross value added at basic prices	Gross value added excluding oil & gas <sup>3</sup>
2018	YBHA	NTAP	ABML	ABMI	NTAO	ABMM	KLS2
2019	2 141 792	231 545	1 910 247	2 141 792	231 545	1 910 247	1 892 165
2020	2 218 439	237 471	1 980 968	2 172 511	231 829	1 940 682	1 922 733
	2 112 039	205 262	1 906 777	1 958 591	210 612	1 747 979	1 731 452
<b>Seasonally adjusted</b>							
2018 Q4	541 670	58 577	483 093	538 222	57 539	480 684	476 143
2019 Q1	548 802	58 413	490 389	541 195	57 815	483 380	478 887
Q2	551 964	60 423	491 541	541 944	57 815	484 129	479 697
Q3	558 286	59 860	498 426	544 639	58 074	486 565	482 007
Q4	559 387	58 775	500 612	544 733	58 125	486 608	482 142
2020 Q1	551 502	55 472	496 030	529 223	56 577	472 646	468 384
Q2	477 249	46 302	430 947	426 197	45 961	380 236	375 997
Q3	539 525	50 903	488 622	498 429	53 685	444 744	440 644
Q4	543 763	52 585	491 178	504 742	54 389	450 353	446 427
2021 Q1	543 197	51 594	491 603	497 145	53 547	443 598	439 845
<b>Percentage change, latest year on previous year</b>							
2018	IHYM		KGL6	IHYP		KGM7	KLH8
2019	3.5		3.6	1.3		1.3	1.3
2020	3.6		3.7	1.4		1.6	1.6
	-4.8		-3.7	-9.8		-9.9	-9.9
<b>Percentage change, latest quarter on previous quarter</b>							
2018 Q4	IHYN		KGL8	IHYQ		KGM9	
	0.4		0.4	0.2		0.3	0.3
2019 Q1	1.3		1.5	0.6		0.6	0.6
Q2	0.6		0.2	0.1		0.2	0.2
Q3	1.1		1.4	0.5		0.5	0.5
Q4	0.2		0.4	-		-	-
2020 Q1	-1.4		-0.9	-2.8		-2.9	-2.9
Q2	-13.5		-13.1	-19.5		-19.6	-19.7
Q3	13.0		13.4	16.9		17.0	17.2
Q4	0.8		0.5	1.3		1.3	1.3
2021 Q1	-0.1		0.1	-1.5		-1.5	-1.5
<b>Percentage change, latest quarter on corresponding quarter of previous year</b>							
2018 Q4	IHYO		KGM2	IHYR		KGN3	KLH9
	3.1		3.1	1.2		1.4	1.3
2019 Q1	4.0		3.9	1.7		1.9	1.9
Q2	3.6		3.7	1.5		1.7	1.7
Q3	3.5		3.6	1.4		1.5	1.6
Q4	3.3		3.6	1.2		1.2	1.3
2020 Q1	0.5		1.2	-2.2		-2.2	-2.2
Q2	-13.5		-12.3	-21.4		-21.5	-21.6
Q3	-3.4		-2.0	-8.5		-8.6	-8.6
Q4	-2.8		-1.9	-7.3		-7.5	-7.4
2021 Q1	-1.5		-0.9	-6.1		-6.1	-6.1

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

<sup>2</sup> Taxes on products less subsidies.

<sup>3</sup> Calculated by using gross value added at basic prices minus extraction of crude petroleum and natural gas.

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

2018 = 100

	Production							Service industries						
	Agri- culture, forestry, and fishing	Mining & quarrying inc oil & gas extract	Manu- facturing	Electric, gas, steam & air	Water supply, sewerage	Total	Constr- uction	Distrib- ution, hotels & restaura- nts	Transport storage and commu- nications	Business services and finance	Government and other services	Total	Gross value added <sup>4</sup>	Gross value added excluding oil & gas
<b>2018 Weights<sup>3</sup></b>	6	11	101	14	13	139	64	134	106	332	218	790	1000	991
	L2KL	L2KR	L2KX	L2MW	L2N2	L2KQ	L2N8	L2PZ	KI8M	KI8O	KI8Q	L2NC	CGCE	KLH7
2018	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2019	106.3	99.1	98.2	101.1	100.4	98.8	101.8	102.5	105.2	100.6	101.7	101.8	101.6	101.6
2020	96.4	91.6	88.9	97.1	99.1	90.9	87.5	87.6	95.5	95.3	90.5	92.7	91.5	91.5
<b>Seasonally adjusted</b>														
2018 Q4	101.5	100.1	99.1	98.3	99.4	99.1	100.5	101.3	102.5	100.5	100.5	100.9	100.7	100.7
2019 Q1	103.3	99.8	100.6	99.0	99.5	100.3	102.2	102.2	104.3	100.2	100.8	101.3	101.2	101.2
Q2	105.2	97.9	98.1	102.5	101.4	98.8	102.1	102.5	105.0	100.2	101.3	101.5	101.4	101.4
Q3	107.7	100.3	97.4	99.8	100.9	98.2	102.4	102.6	105.8	101.0	101.9	102.1	101.9	101.9
Q4	108.9	98.4	96.8	103.2	99.8	97.9	100.5	102.5	105.6	100.9	102.7	102.3	101.9	101.9
2020 Q1	104.4	94.4	95.1	98.5	100.8	95.9	98.3	97.5	102.3	100.1	98.5	99.5	99.0	99.0
Q2	90.2	92.2	75.2	91.8	95.2	80.1	65.2	64.9	86.2	90.2	76.6	81.6	79.6	79.5
Q3	95.1	91.6	91.2	99.4	99.9	92.9	92.1	97.5	95.5	94.5	91.7	94.3	93.1	93.2
Q4	95.9	88.1	94.2	98.6	100.5	94.8	94.6	90.5	98.0	96.4	95.4	95.3	94.3	94.4
2021 Q1	92.7	85.9	93.5	100.0	102.7	94.4	97.1	83.8	97.6	96.8	92.1	93.4	92.9	93.0
<b>Percentage change, latest year on previous year</b>														
	L3BB	L3BH	L3BN	L3DM	L3DQ	L3BG	L3DW	L3GP	KI8L	KI8N	KI8P	L3E2	KGM7	KLH8
2018	-3.3	5.3	1.1	-1.2	-1.4	0.9	-	2.8	3.4	1.1	0.6	1.6	1.3	1.3
2019	6.3	-0.9	-1.8	1.1	0.4	-1.2	1.8	2.5	5.2	0.6	1.7	1.8	1.6	1.6
2020	-9.3	-7.6	-9.5	-4.0	-1.3	-8.0	-14.0	-14.5	-9.2	-5.3	-11.0	-9.0	-9.9	-9.9
<b>Percentage change, latest quarter on previous quarter</b>														
													KGM9	
2018 Q4	1.8	-3.3	-1.1	-1.2	-1.2	-1.3	-0.3	0.4	1.9	0.4	0.4	0.6	0.3	0.3
2019 Q1	1.8	-0.3	1.6	0.7	-	1.2	1.6	0.8	1.8	-0.3	0.4	0.4	0.6	0.6
Q2	1.8	-1.9	-2.5	3.6	1.9	-1.5	-0.1	0.3	0.7	-0.1	0.5	0.2	0.2	0.2
Q3	2.4	2.4	-0.7	-2.7	-0.5	-0.7	0.2	0.1	0.8	0.8	0.5	0.6	0.5	0.5
Q4	1.2	-1.9	-0.5	3.4	-1.1	-0.3	-1.8	-0.1	-0.2	-	0.8	0.2	-	-
2020 Q1	-4.2	-4.0	-1.8	-4.5	1.0	-2.0	-2.3	-4.9	-3.1	-0.8	-4.1	-2.7	-2.9	-2.9
Q2	-13.6	-2.4	-20.9	-6.8	-5.5	-16.5	-33.7	-33.4	-15.8	-9.9	-22.3	-18.0	-19.6	-19.7
Q3	5.5	-0.6	21.3	8.3	4.9	16.0	41.3	50.2	10.8	4.8	19.7	15.6	17.0	17.2
Q4	0.8	-3.8	3.3	-0.8	0.6	2.0	2.7	-7.1	2.6	2.0	4.1	1.0	1.3	1.3
2021 Q1	-3.4	-2.5	-0.7	1.4	2.2	-0.4	2.6	-7.4	-0.5	0.4	-3.4	-2.0	-1.5	-1.5
<b>Percentage change, latest quarter on corresponding quarter of previous year</b>														
	L3ZZ	L427	L42D	L44C	L44G	L426	L44M	L47F	KI12	KI19	KI18	L44Q	KGN3	KLH9
2018 Q4	-2.3	7.4	-1.1	-3.7	-2.6	-1.0	-0.5	3.7	4.6	1.3	0.7	2.0	1.4	1.3
2019 Q1	3.7	3.9	0.3	-4.6	-0.4	-0.1	3.6	4.3	6.7	0.5	1.0	2.1	1.9	1.9
Q2	6.2	-2.3	-2.2	4.3	1.3	-1.3	2.2	2.7	6.1	0.5	1.6	1.9	1.7	1.7
Q3	8.0	-3.2	-2.8	0.2	0.3	-2.2	1.5	1.7	5.2	0.9	1.8	1.8	1.5	1.6
Q4	7.3	-1.7	-2.3	4.9	0.3	-1.2	-	1.2	3.0	0.4	2.2	1.4	1.2	1.3
2020 Q1	1.0	-5.4	-5.6	-0.5	1.3	-4.4	-3.8	-4.6	-1.9	-0.1	-2.3	-1.7	-2.2	-2.2
Q2	-14.3	-5.9	-23.4	-10.5	-6.1	-19.0	-36.2	-36.7	-18.0	-10.0	-24.4	-19.6	-21.5	-21.6
Q3	-11.7	-8.6	-6.3	-0.4	-1.0	-5.4	-10.0	-5.0	-9.8	-6.4	-10.0	-7.6	-8.6	-8.6
Q4	-11.9	-10.4	-2.7	-4.4	0.8	-3.2	-5.9	-11.7	-7.2	-4.5	-7.1	-6.8	-7.5	-7.4
2021 Q1	-11.2	-9.0	-1.6	1.5	1.9	-1.5	-1.2	-14.0	-4.6	-3.3	-6.5	-6.1	-6.1	-6.1

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

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

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

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

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

2018 = 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>2018 Weights<sup>3</sup></b>	104	106	29	68	135	130	49	57	75	37	790
	L2NE	KI8M	L2NQ	L2O6	L2OC	L2OH	L2P8	L2PA	L2PC	L2Q5	L2NC
2018	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2019	102.4	105.2	102.5	97.4	100.6	102.2	102.1	102.9	101.1	100.2	101.8
2020	95.7	95.5	58.9	93.7	99.4	91.8	104.3	86.0	92.8	74.4	92.7
<b>Seasonally adjusted</b>											
2018 Q4	101.2	102.5	101.6	99.3	100.3	101.4	100.5	100.9	100.3	99.9	100.9
2019 Q1	102.1	104.3	102.5	98.1	100.4	101.2	101.6	101.4	100.5	99.5	101.3
Q2	102.5	105.0	102.4	96.8	100.6	101.4	101.8	102.6	101.0	99.3	101.5
Q3	102.7	105.8	102.3	97.8	100.6	102.9	102.2	103.0	101.5	100.3	102.1
Q4	102.5	105.6	102.6	96.9	100.7	103.2	103.0	104.7	101.5	101.8	102.3
2020 Q1	99.1	102.3	91.9	95.6	101.0	101.5	103.4	95.5	99.3	95.0	99.5
Q2	79.0	86.2	14.9	91.8	98.4	80.7	104.2	64.5	78.4	54.6	81.6
Q3	103.3	95.5	76.8	92.6	99.1	90.7	104.7	88.0	93.1	76.9	94.3
Q4	101.4	98.0	52.2	94.8	99.3	94.2	105.0	96.1	100.5	71.0	95.3
2021 Q1	95.4	97.6	42.7	94.4	99.5	95.1	105.3	84.8	102.2	65.4	93.4
<b>Percentage change, latest year on previous year</b>											
	L3E4	KI8L	L3EG	L3EU	L3F2	L3F7	L3FW	L3FY	L3G2	L3GT	L3E2
2018	3.1	3.4	1.4	-0.9	-0.7	4.1	0.7	0.2	0.6	1.2	1.6
2019	2.4	5.2	2.5	-2.6	0.6	2.2	2.1	2.9	1.1	0.2	1.8
2020	-6.6	-9.2	-42.5	-3.8	-1.2	-10.2	2.1	-16.4	-8.2	-25.8	-9.0
<b>Percentage change, latest quarter on previous quarter</b>											
2018 Q4	0.1	1.9	1.3	-0.6	0.4	1.0	-	1.2	0.4	-0.2	0.6
2019 Q1	0.8	1.8	0.9	-1.2	0.2	-0.2	1.0	0.5	0.2	-0.4	0.4
Q2	0.4	0.7	-0.2	-1.3	0.2	0.2	0.2	1.2	0.5	-0.3	0.2
Q3	0.2	0.8	-	1.0	-	1.5	0.3	0.4	0.6	1.0	0.6
Q4	-0.2	-0.2	0.3	-0.9	0.1	0.2	0.8	1.6	-0.1	1.5	0.2
2020 Q1	-3.4	-3.1	-10.4	-1.4	0.2	-1.6	0.4	-8.7	-2.1	-6.7	-2.7
Q2	-20.2	-15.8	-83.8	-4.0	-2.5	-20.5	0.8	-32.5	-21.0	-42.6	-18.0
Q3	30.8	10.8	414.8	0.9	0.7	12.4	0.5	36.5	18.8	40.9	15.6
Q4	-1.9	2.6	-32.0	2.4	0.2	3.8	0.3	9.2	7.9	-7.6	1.0
2021 Q1	-5.9	-0.5	-18.2	-0.4	0.2	1.0	0.3	-11.8	1.8	-8.0	-2.0
<b>Percentage change, latest quarter on corresponding quarter of the previous year</b>											
	L44S	KI12	L456	L45K	L45Q	L45V	L46M	L46O	L46Q	L47J	L44Q
2018 Q4	3.7	4.6	3.9	-0.4	-	3.6	0.8	1.0	0.6	0.1	2.0
2019 Q1	4.3	6.7	4.2	-2.6	0.1	2.4	2.0	1.6	0.3	0.1	2.1
Q2	2.7	6.1	2.8	-3.3	1.1	2.0	2.5	2.9	1.5	-1.2	1.9
Q3	1.6	5.2	2.0	-2.1	0.8	2.5	1.6	3.4	1.6	0.1	1.8
Q4	1.3	3.0	0.9	-2.4	0.5	1.8	2.4	3.8	1.1	1.9	1.4
2020 Q1	-3.0	-1.9	-10.4	-2.5	0.5	0.4	1.8	-5.8	-1.2	-4.5	-1.7
Q2	-22.9	-18.0	-85.4	-5.2	-2.2	-20.4	2.3	-37.1	-22.3	-45.0	-19.6
Q3	0.6	-9.8	-25.0	-5.3	-1.6	-11.8	2.5	-14.6	-8.3	-23.4	-7.6
Q4	-1.1	-7.2	-49.1	-2.2	-1.5	-8.7	2.0	-8.2	-1.0	-30.2	-6.8
2021 Q1	-3.7	-4.6	-53.5	-1.2	-1.5	-6.3	1.9	-11.3	3.0	-31.2	-6.1

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

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

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									
	Households	Non-profit institutions <sup>2</sup>	General government	Gross fixed capital formation	Of which business investment <sup>3</sup>	Change in inventories <sup>4</sup>	Of which alignment adjustment	Acquisitions less disposals of valuables <sup>5</sup>	Total	Total exports	Gross final expenditure	less imports	Trade balance <sup>6</sup>	Statistical discrepancy (expenditure)	Gross domestic product at market prices
	ABJQ	HAYE	NMRP	NPQS	NPEK	CAEX	DMUN	NPJQ	YBIL	IKBH	ABMF	IKBI	IKBJ	GIXM	YBHA
2018	1 335 216	50 475	398 421	381 249	214 848	-756	-	2 674 2	167 279 661	601 2	828 880 687 088	-25 487	-	-	2 141 792
2019	1 367 861	52 416	423 124	399 508	224 000	7 352	1 391	-466 2	249 795 689	274 2	939 069 716 744	-27 470	-3 886	-	2 218 439
2020	1 231 580	53 137	481 778	370 986	204 883	-7 277	-	-5 427 2	124 777 577	988 2	702 765 585 545	-7 557	-5 181	-	2 112 039
Seasonally adjusted															
2018 Q4	337 286	12 797	101 204	96 192	53 571	4 010	1 612	-1	551 488 169 932	721 420 179 750	-9 818	-	-	-	541 670
2019 Q1	338 837	12 804	104 226	99 316	54 669	7 490	969	10 849	573 522 164 268	737 790 188 960	-24 692	-28	-	-	548 802
Q2	341 615	13 026	104 104	99 709	56 112	3 172	2 106	938	562 564 167 134	729 698 176 603	-9 469	-1 131	-	-	551 964
Q3	344 185	13 215	106 864	100 582	56 645	-867	2 093	557	564 536 175 274	739 810 180 639	-5 365	-885	-	-	558 286
Q4	343 224	13 371	107 930	99 901	56 574	-2 443	-3 777	-12 810	549 173 182 598	731 771 170 542	12 056	-1 842	-	-	559 387
2020 Q1	336 480	13 428	107 987	99 120	56 449	-2 007	1 048	-48	554 960 156 623	711 583 159 041	-2 418	-1 040	-	-	551 502
Q2	263 940	13 217	123 045	78 899	44 210	-3 344	-3 028	-9 273	466 484 137 255	603 739 125 224	12 031	-1 266	-	-	477 249
Q3	319 277	13 262	123 275	94 118	50 372	-5 616	1 557	590	544 906 138 223	683 129 142 172	-3 949	-1 432	-	-	539 525
Q4	311 883	13 230	127 471	98 849	53 852	3 690	423	3 304	558 427 145 887	704 314 159 108	-13 221	-1 443	-	-	543 763
2021 Q1	303 666	13 328	132 698	96 656	47 398	81	-1 537	902	547 331 137 215	684 546 139 919	-2 704	-1 430	-	-	543 197
Percentage change, latest year on previous year															
	KGX7	KGZ8	KH2C	KG6O	KG6N				KGX3	KH2O	KGX7	KH3H			IHYM
2018	3.7	7.1	2.9	2.4	-0.6				3.3	6.2	3.9	5.3			3.5
2019	2.4	3.8	6.2	4.8	4.3				3.8	4.2	3.9	4.3			3.6
2020	-10.0	1.4	13.9	-7.1	-8.5				-5.6	-16.1	-8.0	-18.3			-4.8
Percentage change, latest quarter on previous quarter															
	KGX8	KGZ9	KH2D	KG6W	KG6V				KGX4	KH2P	KGX8	KH3I			IHYN
2018 Q4	0.7	0.9	1.2	0.5	1.1				1.4	1.1	1.4	4.3			0.4
2019 Q1	0.5	0.1	3.0	3.2	2.0				4.0	-3.3	2.3	5.1			1.3
Q2	0.8	1.7	-0.1	0.4	2.6				-1.9	1.7	-1.1	-6.5			0.6
Q3	0.8	1.5	2.7	0.9	0.9				0.4	4.9	1.4	2.3			1.1
Q4	-0.3	1.2	1.0	-0.7	-0.1				-2.7	4.2	-1.1	-5.6			0.2
2020 Q1	-2.0	0.4	0.1	-0.8	-0.2				1.1	-14.2	-2.8	-6.7			-1.4
Q2	-21.6	-1.6	13.9	-20.4	-21.7				-15.9	-12.4	-15.2	-21.3			-13.5
Q3	21.0	0.3	0.2	19.3	13.9				16.8	0.7	13.1	13.5			13.0
Q4	-2.3	-0.2	3.4	5.0	6.9				2.5	5.5	3.1	11.9			0.8
2021 Q1	-2.6	0.7	4.1	-2.2	-12.0				-2.0	-5.9	-2.8	-12.1			-0.1
Percentage change, latest quarter on corresponding quarter of previous year															
	KGX9	KH22	KH2E	KG76	KG75				KGX5	KH2Q	KGX9	KH3J			IHYO
2018 Q4	3.7	3.0	3.4	0.8	-2.0				3.6	7.7	4.6	9.1			3.1
2019 Q1	2.7	3.0	6.0	5.1	0.3				7.6	2.0	6.3	13.6			4.0
Q2	2.7	3.7	5.4	5.1	4.3				4.4	2.8	4.0	4.8			3.6
Q3	2.7	4.2	6.8	5.1	6.9				3.9	4.3	3.9	4.8			3.5
Q4	1.8	4.5	6.6	3.9	5.6				-0.4	7.5	1.4	-5.1			3.3
2020 Q1	-0.7	4.9	3.6	-0.2	3.3				-3.2	-4.7	-3.6	-15.8			0.5
Q2	-22.7	1.5	18.2	-20.9	-21.2				-17.1	-17.9	-17.3	-29.1			-13.5
Q3	-7.2	0.4	15.4	-6.4	-11.1				-3.5	-21.1	-7.7	-21.3			-3.4
Q4	-9.1	-1.1	18.1	-1.1	-4.8				1.7	-20.1	-3.8	-6.7			-2.8
2021 Q1	-9.8	-0.7	22.9	-2.5	-16.0				-1.4	-12.4	-3.8	-12.0			-1.5

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.

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

Reference year 2018, £ million

National expenditure on goods and services at market prices															
Final consumption expenditure								Gross capital formation							
	Households	Non-profit institutions <sup>2</sup>	General government	Gross fixed capital formation	Of which business investment <sup>3</sup>	Change in inventories <sup>4</sup>	Of which alignment adjustment	Acquisitions less disposals of valuables <sup>5</sup>	Total	Exports	Gross final expenditure	less imports	Trade balance <sup>6</sup>	Statistical discrepancy (expenditure)	Gross domestic product at market prices
	ABJR	HAYO	NMRY	NPQT	NPEL	CAFU	DMUM	NPJR	YBIM	IKBK	ABMG	IKBL	IKBM	GIXS	ABMI
2018	1 335 216	50 475	398 421	381 249	214 848	-756	-	2 674 2	167 279 661	601 2	828 880 687	088	-25 487	-	2 141 792
2019	1 349 709	51 227	414 388	387 094	217 260	1 663	1 359	-1 091 2	202 992 679	186 2	882 178 705	872	-26 686	-3 795	2 172 511
2020	1 206 481	41 421	387 620	353 118	195 041	-9 610	-	-7 345 1	971 686 571	830 2	543 516 580	134	-8 304	-4 791	1 958 591
<b>Seasonally adjusted</b>															
2018 Q4	336 184	12 757	100 886	95 337	53 062	4 842	1 605	294	549 164 166	762	715 971 177	772	-11 010	-	538 222
2019 Q1	336 057	12 788	102 261	97 322	53 774	7 314	949	9 956	565 698 164	775	730 473 189	250	-24 475	-28	541 195
Q2	337 968	12 607	104 646	96 280	54 050	-246	2 059	584	551 840 163	512	715 352 172	298	-8 786	-1 110	541 944
Q3	338 377	12 831	103 741	97 537	54 782	-2 352	2 035	-1 896	548 238 172	158	720 396 174	894	-2 736	-863	544 639
Q4	337 307	13 001	103 740	95 955	54 654	-3 053	-3 684	-9 735	537 216 178	741	715 957 169	430	9 311	-1 794	544 733
2020 Q1	328 455	12 309	101 824	94 847	54 426	-2 368	975	-647	534 421 152	744	687 165 156	944	-4 200	-998	529 223
Q2	260 221	9 346	84 249	75 257	42 206	-6 140	-2 735	-9 156	413 777 137	350	551 127 123	799	13 551	-1 131	426 197
Q3	311 485	9 929	97 527	89 545	47 787	-3 950	1 400	429	504 965 136	696	641 661 141	909	-5 213	-1 323	498 429
Q4	306 320	9 837	104 020	93 469	50 622	2 848	360	2 029	518 523 145	040	663 563 157	482	-12 442	-1 339	504 742
2021 Q1	294 295	9 797	106 683	91 327	44 578	-2 211	-1 407	11	499 902 134	157	634 059 135	605	-1 448	-1 309	497 145
<b>Percentage change, latest year on previous year</b>															
	KGZ5	KH26	KH2I	KG7N	KG7M				KGX9	KH2U	KGW5	KH3N			IHYP
2018	1.3	5.6	0.6	0.4	-2.5				1.2	3.0	1.6	2.7			1.3
2019	1.1	1.5	4.0	1.5	1.1				1.6	2.7	1.9	2.7			1.4
2020	-10.6	-19.1	-6.5	-8.8	-10.2				-10.5	-15.8	-11.8	-17.8			-9.8
<b>Percentage change, latest quarter on previous quarter</b>															
	KGZ6	KH27	KH2J	KG7Q	KG7P				KGY2	KH2V	KGW6	KH3O			IHYQ
2018 Q4	0.6	0.9	1.4	-0.2	-0.3				1.4	-0.1	1.1	4.0			0.2
2019 Q1	-	0.2	1.4	2.1	1.3				3.0	-1.2	2.0	6.5			0.6
Q2	0.6	-1.4	2.3	-1.1	0.5				-2.4	-0.8	-2.1	-9.0			0.1
Q3	0.1	1.8	-0.9	1.3	1.4				-0.7	5.3	0.7	1.5			0.5
Q4	-0.3	1.3	-	-1.6	-0.2				-2.0	3.8	-0.6	-3.1			-
2020 Q1	-2.6	-5.3	-1.8	-1.2	-0.4				-0.5	-14.5	-4.0	-7.4			-2.8
Q2	-20.8	-24.1	-17.3	-20.7	-22.5				-22.6	-10.1	-19.8	-21.1			-19.5
Q3	19.7	6.2	15.8	19.0	13.2				22.0	-0.5	16.4	14.6			16.9
Q4	-1.7	-0.9	6.7	4.4	5.9				2.7	6.1	3.4	11.0			1.3
2021 Q1	-3.9	-0.4	2.6	-2.3	-11.9				-3.6	-7.5	-4.4	-13.9			-1.5
<b>Percentage change, latest quarter on corresponding quarter of previous year</b>															
	KGZ7	KH28	KH2K	KG7T	KG7S				KGY3	KH2W	KGW7	KH3P			IHYR
2018 Q4	1.7	1.8	1.5	-1.1	-3.7				2.1	3.6	2.4	6.4			1.2
2019 Q1	1.2	1.9	3.1	2.3	-1.6				5.5	-0.3	4.2	11.9			1.7
Q2	1.6	0.6	5.8	1.1	0.2				2.1	0.5	1.7	1.9			1.5
Q3	1.2	1.5	4.3	2.1	3.0				1.3	3.1	1.7	2.3			1.4
Q4	0.3	1.9	2.8	0.6	3.0				-2.2	7.2	-	-4.7			1.2
2020 Q1	-2.3	-3.7	-0.4	-2.5	1.2				-5.5	-7.3	-5.9	-17.1			-2.2
Q2	-23.0	-25.9	-19.5	-21.8	-21.9				-25.0	-16.0	-23.0	-28.1			-21.4
Q3	-7.9	-22.6	-6.0	-8.2	-12.8				-7.9	-20.6	-10.9	-18.9			-8.5
Q4	-9.2	-24.3	0.3	-2.6	-7.4				-3.5	-18.9	-7.3	-7.1			-7.3
2021 Q1	-10.4	-20.4	4.8	-3.7	-18.1				-6.5	-12.2	-7.7	-13.6			-6.1

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.

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

£ million

	Compensation of employees			Gross operating surplus of corporations <sup>2,3</sup>	Of which alignment adjustment	Other income <sup>4</sup>	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							
	DTWL	DTWP	DTWM	CGBZ	DMUQ	CGBX	CGCB	CMVL	GIXQ	YBHA
2018	866 970	181 274	1 048 244	454 369	—	380 590	1 883 203	258 589	—	2 141 792
2019	898 974	199 602	1 098 576	461 684	565	392 878	1 953 138	264 766	535	2 218 439
2020	912 710	214 246	1 126 956	449 674	—	384 289	1 960 919	132 844	18 276	2 112 039
<b>Seasonally adjusted</b>										
2018 Q4	220 378	47 426	267 804	111 199	−1 837	97 354	476 357	65 313	—	541 670
2019 Q1	220 890	47 322	268 212	117 535	554	98 528	484 275	64 508	19	548 802
Q2	224 135	49 890	274 025	111 400	−374	98 158	483 583	68 057	324	551 964
Q3	226 146	50 717	276 863	117 260	845	97 721	491 844	66 755	−313	558 286
Q4	227 803	51 673	279 476	115 489	−460	98 471	493 436	65 446	505	559 387
2020 Q1	228 935	52 453	281 388	113 156	−1 032	97 197	491 741	58 822	939	551 502
Q2	220 994	51 930	272 924	104 162	−397	94 319	471 405	543	5 301	477 249
Q3	228 316	54 415	282 731	118 566	2 895	96 998	498 295	35 240	5 990	539 525
Q4	234 465	55 448	289 913	113 790	−1 466	95 775	499 478	38 239	6 046	543 763
2021 Q1	235 727	54 437	290 164	116 425	863	96 149	502 738	34 406	6 053	543 197
<b>Percentage change, latest year on previous year</b>										
	CWNH	CWNE	KGI3	KH4V		KH6T	KH6N	KH65		IHYM
2018	4.4	2.7	4.1	2.3		3.9	3.6	2.9		3.5
2019	3.7	10.1	4.8	1.6		3.2	3.7	2.4		3.6
2020	1.5	7.3	2.6	−2.6		−2.2	0.4	−49.8		−4.8
<b>Percentage change, latest quarter on previous quarter</b>										
	CWNI	CWNF	KGI4	KH4W		KH6U	KH6O	KH66		IHYN
2018 Q4	1.2	2.9	1.5	−3.1		1.7	0.4	0.6		0.4
2019 Q1	0.2	−0.2	0.2	5.7		1.2	1.7	−1.2		1.3
Q2	1.5	5.4	2.2	−5.2		−0.4	−0.1	5.5		0.6
Q3	0.9	1.7	1.0	5.3		−0.4	1.7	−1.9		1.1
Q4	0.7	1.9	0.9	−1.5		0.8	0.3	−2.0		0.2
2020 Q1	0.5	1.5	0.7	−2.0		−1.3	−0.3	−10.1		−1.4
Q2	−3.5	−1.0	−3.0	−7.9		−3.0	−4.1	−99.1		−13.5
Q3	3.3	4.8	3.6	13.8		2.8	5.7	6 389.9		13.0
Q4	2.7	1.9	2.5	−4.0		−1.3	0.2	8.5		0.8
2021 Q1	0.5	−1.8	0.1	2.3		0.4	0.7	−10.0		−0.1
<b>Percentage change, latest quarter on corresponding quarter of previous year</b>										
	CWNJ	CWNG	KGI5	KH4X		KH6V	KH6P	KH67		IHYO
2018 Q4	4.5	8.7	5.2	−3.3		5.6	3.2	2.7		3.1
2019 Q1	3.3	8.8	4.2	2.0		6.2	4.1	3.1		4.0
Q2	4.3	12.6	5.7	−1.6		3.7	3.5	3.5		3.6
Q3	3.8	10.1	4.9	2.2		2.0	3.7	2.8		3.5
Q4	3.4	9.0	4.4	3.9		1.1	3.6	0.2		3.3
2020 Q1	3.6	10.8	4.9	−3.7		−1.4	1.5	−8.8		0.5
Q2	−1.4	4.1	−0.4	−6.5		−3.9	−2.5	−99.2		−13.5
Q3	1.0	7.3	2.1	1.1		−0.7	1.3	−47.2		−3.4
Q4	2.9	7.3	3.7	−1.5		−2.7	1.2	−41.6		−2.8
2021 Q1	3.0	3.8	3.1	2.9		−1.1	2.2	−41.5		−1.5

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.

# 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</sup>	Costs of transfer of ownership of non-produced assets	Dwellings <sup>4</sup>	Costs of transfer of ownership of non-produced assets	Total	Transport equipment	ICT equipment and other machinery and equipment <sup>3</sup>	Dwellings <sup>4</sup>	Other buildings and structures <sup>5</sup>	Intellectual Property Products	NPQS	Total
2018	NPEK	RPZG	L62R	L62S	L62T	L62U	NPQS	TLPX	TLPW	GGAE	EQED	TLPK	NPQS	
2019	214 848	57 117	4 618	758	80 333	23 573	381 249	20 408	62 119	84 952	131 964	81 800	381 249	
2020	224 000	61 992	4 686	767	82 925	25 138	399 508	20 994	61 595	87 638	143 975	85 306	399 508	
2020	204 883	65 397	4 806	648	72 657	22 595	370 986	16 373	59 126	77 463	130 412	87 612	370 986	
<b>Seasonally adjusted</b>														
2018 Q4	53 571	14 358	1 076	193	20 437	6 555	96 192	6 489	15 877	21 513	31 816	20 495	96 192	
2019 Q1	54 669	15 650	1 149	182	21 016	6 650	99 316	4 669	15 862	22 163	35 610	21 012	99 316	
Q2	56 112	15 114	1 157	203	20 947	6 176	99 709	5 726	15 188	22 112	35 392	21 291	99 709	
Q3	56 645	15 654	1 166	194	20 763	6 160	100 582	5 248	15 350	21 939	36 440	21 605	100 582	
Q4	56 574	15 574	1 214	188	20 199	6 152	99 901	5 351	15 195	21 424	36 533	21 398	99 901	
2020 Q1	56 449	15 632	1 200	180	19 635	6 024	99 120	4 014	16 113	20 835	35 809	22 349	99 120	
Q2	44 210	16 432	1 115	150	11 626	5 366	78 899	1 570	12 795	12 741	30 157	21 636	78 899	
Q3	50 372	16 317	1 210	150	20 694	5 375	94 118	4 579	14 474	21 904	31 512	21 649	94 118	
Q4	53 852	17 016	1 281	168	20 702	5 830	98 849	6 210	15 744	21 983	32 934	21 978	98 849	
2021 Q1	47 398	20 751	1 232	180	21 070	6 025	96 656	2 830	15 696	22 302	35 078	20 750	96 656	
<b>Percentage change, latest year on previous year</b>														
	KG6N	KH7N	L64E	L64H	L64K	L64N	KG6O	KG6T	KG6S	KH7X	KH7W	KG6R	KG6O	
2018	-0.6	3.4	-45.4	-1.8	14.7	8.9	2.4	-18.0	0.7	8.3	2.5	4.2	2.4	
2019	4.3	8.5	1.5	1.2	3.2	6.6	4.8	2.9	-0.8	3.2	9.1	4.3	4.8	
2020	-8.5	5.5	2.6	-15.5	-12.4	-10.1	-7.1	-22.0	-4.0	-11.6	-9.4	2.7	-7.1	
<b>Percentage change, latest quarter on previous quarter</b>														
	KG6V	KH7P	L64F	L64I	L64L	L64O	KG6W	KG73	KG72	KH83	KH82	KG6Z	KG6W	
2018 Q4	1.1	-1.0	-3.3	-2.5	0.1	1.0	0.5	21.9	2.6	-0.1	-3.4	0.1	0.5	
2019 Q1	2.0	9.0	6.8	-5.7	2.8	1.4	3.2	-28.0	-0.1	3.0	11.9	2.5	3.2	
Q2	2.6	-3.4	0.7	11.5	-0.3	-7.1	0.4	22.6	-4.2	-0.2	-0.6	1.3	0.4	
Q3	0.9	3.6	0.8	-4.4	-0.9	-0.3	0.9	-8.3	1.1	-0.8	3.0	1.5	0.9	
Q4	-0.1	-0.5	4.1	-3.1	-2.7	-0.1	-0.7	2.0	-1.0	-2.3	0.3	-1.0	-0.7	
2020 Q1	-0.2	0.4	-1.2	-4.3	-2.8	-2.1	-0.8	-25.0	6.0	-2.7	-2.0	4.4	-0.8	
Q2	-21.7	5.1	-7.1	-16.7	-40.8	-10.9	-20.4	-60.9	-20.6	-38.8	-15.8	-3.2	-20.4	
Q3	13.9	-0.7	8.5	-	78.0	0.2	19.3	191.7	13.1	71.9	4.5	0.1	19.3	
Q4	6.9	4.3	5.9	12.0	-	8.5	5.0	35.6	8.8	0.4	4.5	1.5	5.0	
2021 Q1	-12.0	21.9	-3.8	7.1	1.8	3.3	-2.2	-54.4	-0.3	1.5	6.5	-5.6	-2.2	
<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	
2018 Q4	-2.0	1.5	-39.4	-1.5	6.4	21.9	0.8	11.4	1.1	2.5	-2.2	0.8	0.8	
2019 Q1	0.3	11.0	-6.1	8.3	8.3	30.9	5.1	1.1	1.9	7.4	6.7	3.6	5.1	
Q2	4.3	6.8	-4.1	2.0	4.3	13.3	5.1	43.9	-0.1	3.9	4.5	3.6	5.1	
Q3	6.9	7.9	4.8	-2.0	1.7	-5.1	5.1	-1.4	-0.8	1.9	10.7	5.5	5.1	
Q4	5.6	8.5	12.8	-2.6	-1.2	-6.1	3.9	-17.5	-4.3	-0.4	14.8	4.4	3.9	
2020 Q1	3.3	-0.1	4.4	-1.1	-6.6	-9.4	-0.2	-14.0	1.6	-6.0	0.6	6.4	-0.2	
Q2	-21.2	8.7	-3.6	-26.1	-44.5	-13.1	-20.9	-72.6	-15.8	-42.4	-14.8	1.6	-20.9	
Q3	-11.1	4.2	3.8	-22.7	-0.3	-12.7	-6.4	-12.7	-5.7	-0.2	-13.5	0.2	-6.4	
Q4	-4.8	9.3	5.5	-10.6	2.5	-5.2	-1.1	16.1	3.6	2.6	-9.9	2.7	-1.1	
2021 Q1	-16.0	32.7	2.7	-	7.3	-	-2.5	-29.5	-2.6	7.0	-2.0	-7.2	-2.5	

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

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

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

4 Includes new dwellings and improvements to dwellings.

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

# F2 Gross fixed capital formation by sector and type of asset

## Chained volume measures

Reference year 2018, £ million

	Analysis by sector								Analysis by asset					
	Public corporations <sup>2</sup>				Private Sector									
	Business investment <sup>1</sup>	General government	Dwellings <sup>4</sup>	Costs of transfer of ownership of non-produced assets	Dwellings <sup>4</sup>	Costs of transfer of ownership of non-produced assets	NPQT	Transport equipment	ICT equipment and other machinery and equipment <sup>3</sup>	Dwellings <sup>4</sup>	Other buildings and structures <sup>5</sup>	Intellectual Property	EQDO	NPQT
	NPEL	DLWF	L634	L635	L636	L637	NPQT	DLWL	DLWO	DFEG	DLWT	EQDO	NPQT	Total
2018	214 848	57 116	4 618	758	80 336	23 568	381 249	20 424	62 120	84 955	131 949	81 800	381 249	
2019	217 260	59 392	4 530	743	80 477	24 692	387 094	20 640	59 809	85 032	137 990	83 623	387 094	
2020	195 041	61 463	4 601	613	69 455	21 945	353 118	14 443	56 763	74 056	123 141	84 715	353 118	
<b>Seasonally adjusted</b>														
2018 Q4	53 062	14 170	1 117	192	20 211	6 540	95 337	6 523	15 758	21 329	31 303	20 390	95 337	
2019 Q1	53 774	15 129	1 082	178	20 585	6 574	97 322	4 950	15 720	21 664	34 152	20 836	97 322	
Q2	54 050	14 482	1 157	197	20 347	6 047	96 280	5 649	14 513	21 512	33 682	20 924	96 280	
Q3	54 782	15 085	1 112	188	20 273	6 097	97 537	5 133	15 327	21 395	34 600	21 082	97 537	
Q4	54 654	14 696	1 179	180	19 272	5 974	95 955	4 908	14 249	20 461	35 556	20 781	95 955	
2020 Q1	54 426	14 502	1 152	171	18 789	5 807	94 847	3 782	15 497	19 941	33 824	21 803	94 847	
Q2	42 206	15 534	1 066	142	11 068	5 241	75 257	1 371	12 234	12 134	28 578	20 940	75 257	
Q3	47 787	15 369	1 148	142	19 840	5 259	89 545	3 901	13 781	20 988	29 979	20 896	89 545	
Q4	50 622	16 058	1 235	158	19 758	5 638	93 469	5 389	15 251	20 993	30 760	21 076	93 469	
2021 Q1	44 578	19 217	1 174	167	20 522	5 669	91 327	2 600	14 749	21 696	32 339	19 943	91 327	
<b>Percentage change, latest year on previous year</b>														
	KG7M	KH92	L64T	L64W	L654	L64Z	KG7N	KH95	KH96	KH8Y	KH97	KH98	KG7N	
2018	-2.5	1.4	-47.0	-3.6	11.4	10.0	0.4	-22.2	1.6	5.1	-0.3	3.2	0.4	
2019	1.1	4.0	-1.9	-2.0	0.2	4.8	1.5	1.1	-3.7	0.1	4.6	2.2	1.5	
2020	-10.2	3.5	1.6	-17.5	-13.7	-11.1	-8.8	-30.0	-5.1	-12.9	-10.8	1.3	-8.8	
<b>Percentage change, latest quarter on previous quarter</b>														
	KG7P	KH9C	L64U	L64X	L655	L652	KG7Q	KH9F	KH9G	KH9A	KH9H	KH9I	KG7Q	
2018 Q4	-0.3	-2.5	1.9	-3.0	-0.3	4.9	-0.2	18.9	1.4	-0.2	-4.3	-0.3	-0.2	
2019 Q1	1.3	6.8	-3.1	-7.3	1.9	0.5	2.1	-24.1	-0.2	1.6	9.1	2.2	2.1	
Q2	0.5	-4.3	6.9	10.7	-1.2	-8.0	-1.1	14.1	-7.7	-0.7	-1.4	0.4	-1.1	
Q3	1.4	4.2	-3.9	-4.6	-0.4	0.8	1.3	-9.1	5.6	-0.5	2.7	0.8	1.3	
Q4	-0.2	-2.6	6.0	-4.3	-4.9	-2.0	-1.6	-4.4	-7.0	-4.4	2.8	-1.4	-1.6	
2020 Q1	-0.4	-1.3	-2.3	-5.0	-2.5	-2.8	-1.2	-22.9	8.8	-2.5	-4.9	4.9	-1.2	
Q2	-22.5	7.1	-7.5	-17.0	-41.1	-9.7	-20.7	-63.7	-21.1	-39.2	-15.5	-4.0	-20.7	
Q3	13.2	-1.1	7.7	-	79.3	0.3	19.0	184.5	12.6	73.0	4.9	-0.2	19.0	
Q4	5.9	4.5	7.6	11.3	-0.4	7.2	4.4	38.1	10.7	-	2.6	0.9	4.4	
2021 Q1	-11.9	19.7	-4.9	5.7	3.9	0.5	-2.3	-51.8	-3.3	3.3	5.1	-5.4	-2.3	
<b>Percentage change, latest quarter on corresponding quarter of previous year</b>														
	KG7S	KH9M	L64V	L64Y	L656	L653	KG7T	KH9P	KH9Q	KH9K	KH9R	KH9S	KG7T	
2018 Q4	-3.7	-0.7	-39.4	-3.0	3.4	20.6	-1.1	7.7	1.2	-0.3	-4.9	-0.3	-1.1	
2019 Q1	-1.6	6.3	-10.9	5.3	4.5	25.2	2.3	11.9	0.9	3.6	0.8	2.2	2.3	
Q2	0.2	2.1	-2.8	-1.0	0.9	9.0	1.1	41.5	-4.8	0.7	-1.1	1.7	1.1	
Q3	3.0	3.8	1.5	-5.1	-	-2.2	2.1	-6.4	-1.3	0.1	5.8	3.1	2.1	
Q4	3.0	3.7	5.6	-6.2	-4.6	-8.7	0.6	-24.8	-9.6	-4.1	13.6	1.9	0.6	
2020 Q1	1.2	-4.1	6.5	-3.9	-8.7	-11.7	-2.5	-23.6	-1.4	-8.0	-1.0	4.6	-2.5	
Q2	-21.9	7.3	-7.9	-27.9	-45.6	-13.3	-21.8	-75.7	-15.7	-43.6	-15.2	0.1	-21.8	
Q3	-12.8	1.9	3.2	-24.5	-2.1	-13.7	-8.2	-24.0	-10.1	-1.9	-13.4	-0.9	-8.2	
Q4	-7.4	9.3	4.7	-12.2	2.5	-5.6	-2.6	9.8	7.0	2.6	-13.5	1.4	-2.6	
2021 Q1	-18.1	32.5	1.9	-2.3	9.2	-2.4	-3.7	-31.3	-4.8	8.8	-4.4	-8.5	-3.7	

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

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

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

4 Includes new dwellings and improvements to dwellings.

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

# 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>
	BOKG	IKBB	IKBH	BOKH	IKBC	IKBI	BOKI	IKBD	IKBJ
2018	351 132	310 469	661 601	487 975	199 113	687 088	-136 843	111 356	-25 487
2019	372 954	316 320	689 274	503 757	212 987	716 744	-130 803	103 333	-27 470
2020	310 886	267 102	577 988	425 842	159 703	585 545	-114 956	107 399	-7 557
<b>Seasonally adjusted</b>									
2018 Q4	89 331	80 601	169 932	126 976	52 774	179 750	-37 645	27 827	-9 818
2019 Q1	89 834	74 434	164 268	139 036	49 924	188 960	-49 202	24 510	-24 692
Q2	88 029	79 105	167 134	124 158	52 445	176 603	-36 129	26 660	-9 469
Q3	94 017	81 257	175 274	124 415	56 224	180 639	-30 398	25 033	-5 365
Q4	101 074	81 524	182 598	116 148	54 394	170 542	-15 074	27 130	12 056
2020 Q1	82 479	74 144	156 623	111 114	47 927	159 041	-28 635	26 217	-2 418
Q2	73 823	63 432	137 255	87 710	37 514	125 224	-13 887	25 918	12 031
Q3	74 406	63 817	138 223	105 179	36 993	142 172	-30 773	26 824	-3 949
Q4	80 178	65 709	145 887	121 839	37 269	159 108	-41 661	28 440	-13 221
2021 Q1	73 459	63 756	137 215	105 383	34 536	139 919	-31 924	29 220	-2 704
<b>Percentage change, latest year on previous year</b>									
	KG9K	KH35	KH2O	KG9L	KH3W	KH3H			
2018	4.4	8.3	6.2	3.5	9.9	5.3			
2019	6.2	1.9	4.2	3.2	7.0	4.3			
2020	-16.6	-15.6	-16.1	-15.5	-25.0	-18.3			
<b>Percentage change, latest quarter on previous quarter</b>									
	KG9O	KH36	KH2P	KG9P	KH3X	KH3I			
2018 Q4	-1.1	3.6	1.1	3.3	6.7	4.3			
2019 Q1	0.6	-7.7	-3.3	9.5	-5.4	5.1			
Q2	-2.0	6.3	1.7	-10.7	5.0	-6.5			
Q3	6.8	2.7	4.9	0.2	7.2	2.3			
Q4	7.5	0.3	4.2	-6.6	-3.3	-5.6			
2020 Q1	-18.4	-9.1	-14.2	-4.3	-11.9	-6.7			
Q2	-10.5	-14.4	-12.4	-21.1	-21.7	-21.3			
Q3	0.8	0.6	0.7	19.9	-1.4	13.5			
Q4	7.8	3.0	5.5	15.8	0.7	11.9			
2021 Q1	-8.4	-3.0	-5.9	-13.5	-7.3	-12.1			
<b>Percentage change, latest quarter on corresponding quarter of previous year</b>									
	KG9S	KH37	KH2Q	KG9T	KH3Y	KH3J			
2018 Q4	3.8	12.3	7.7	6.5	16.2	9.1			
2019 Q1	5.5	-1.9	2.0	17.5	3.8	13.6			
Q2	1.9	3.9	2.8	3.7	7.4	4.8			
Q3	4.1	4.4	4.3	1.2	13.7	4.8			
Q4	13.1	1.1	7.5	-8.5	3.1	-5.1			
2020 Q1	-8.2	-0.4	-4.7	-20.1	-4.0	-15.8			
Q2	-16.1	-19.8	-17.9	-29.4	-28.5	-29.1			
Q3	-20.9	-21.5	-21.1	-15.5	-34.2	-21.3			
Q4	-20.7	-19.4	-20.1	4.9	-31.5	-6.7			
2021 Q1	-10.9	-14.0	-12.4	-5.2	-27.9	-12.0			

<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 2018, £ million

	Exports			Imports			Balance
	Goods	Services	Total	Goods	Services	Total	Total <sup>1</sup>
	BQKQ	IKBE	IKBK	BQKO	IKBF	IKBL	IKBM
2018	351 132	310 469	661 601	487 975	199 113	687 088	-25 487
2019	367 348	311 838	679 186	498 464	207 408	705 872	-26 686
2020	316 817	255 013	571 830	424 552	155 582	580 134	-8 304
<b>Seasonally adjusted</b>							
2018 Q4	87 312	79 456	166 762	124 874	52 871	177 772	-11 010
2019 Q1	89 687	75 088	164 775	139 910	49 340	189 250	-24 475
Q2	85 284	78 228	163 512	121 315	50 983	172 298	-8 786
Q3	91 876	80 282	172 158	121 158	53 736	174 894	-2 736
Q4	100 501	78 240	178 741	116 081	53 349	169 430	9 311
2020 Q1	81 640	71 104	152 744	109 884	47 060	156 944	-4 200
Q2	77 484	59 866	137 350	87 651	36 148	123 799	13 551
Q3	75 466	61 230	136 696	105 953	35 956	141 909	-5 213
Q4	82 227	62 813	145 040	121 064	36 418	157 482	-12 442
2021 Q1	72 715	61 442	134 157	102 130	33 475	135 605	-1 448
<b>Percentage change, latest year on previous year</b>							
	KG9X	KH3B	KH2U	KG9W	KH44	KH3N	
2018	0.4	6.1	3.0	0.3	9.1	2.7	
2019	4.6	0.4	2.7	2.1	4.2	2.7	
2020	-13.8	-18.2	-15.8	-14.8	-25.0	-17.8	
<b>Percentage change, latest quarter on previous quarter</b>							
	KGA2	KH3C	KH2V	KG9Z	KH45	KH3O	
2018 Q4	-2.0	2.0	-0.1	2.7	7.1	4.0	
2019 Q1	2.7	-5.5	-1.2	12.0	-6.7	6.5	
Q2	-4.9	4.2	-0.8	-13.3	3.3	-9.0	
Q3	7.7	2.6	5.3	-0.1	5.4	1.5	
Q4	9.4	-2.5	3.8	-4.2	-0.7	-3.1	
2020 Q1	-18.8	-9.1	-14.5	-5.3	-11.8	-7.4	
Q2	-5.1	-15.8	-10.1	-20.2	-23.2	-21.1	
Q3	-2.6	2.3	-0.5	20.9	-0.5	14.6	
Q4	9.0	2.6	6.1	14.3	1.3	11.0	
2021 Q1	-11.6	-2.2	-7.5	-15.6	-8.1	-13.9	
<b>Percentage change, latest quarter on corresponding quarter of previous year</b>							
	KGA5	KH3D	KH2W	KGA4	KH46	KH3P	
2018 Q4	-1.1	9.3	3.6	2.8	15.6	6.4	
2019 Q1	1.9	-2.7	-0.3	15.4	2.8	11.9	
Q2	-1.6	3.0	0.5	0.9	4.3	1.9	
Q3	3.2	3.1	3.1	-0.4	8.8	2.3	
Q4	15.1	-1.5	7.2	-7.0	0.9	-4.7	
2020 Q1	-9.0	-5.3	-7.3	-21.5	-4.6	-17.1	
Q2	-9.1	-23.5	-16.0	-27.7	-29.1	-28.1	
Q3	-17.9	-23.7	-20.6	-12.5	-33.1	-18.9	
Q4	-18.2	-19.7	-18.9	4.3	-31.7	-7.1	
2021 Q1	-10.9	-13.6	-12.2	-7.1	-28.9	-13.6	

<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 (2018 = 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
2018	1 910 247	1 910 247	1 910 247	–	100.0	100.0	100.0	100.0	100.0
2019	1 944 477	1 984 854	1 980 433	4 421	103.9	103.7	101.8	101.6	101.4
2020	1 752 770	1 911 958	1 888 501	23 457	100.1	98.9	91.8	90.6	92.1
<b>Seasonally adjusted</b>									
2018 Q4	480 684	483 093	483 093	–	101.2	101.2	100.7	100.6	100.6
2019 Q1	483 408	490 417	490 370	47	102.7	102.7	101.2	101.2	101.2
Q2	485 239	492 672	491 217	1 455	103.2	102.9	101.6	101.3	101.2
Q3	487 428	499 311	498 739	572	104.6	104.4	102.1	101.9	101.6
Q4	488 402	502 454	500 107	2 347	105.2	104.7	102.3	101.8	101.6
2020 Q1	473 644	497 070	495 091	1 979	104.1	103.7	99.2	98.8	99.0
Q2	381 367	432 213	425 646	6 567	90.5	89.1	79.9	78.6	80.4
Q3	446 067	490 054	482 632	7 422	102.6	101.1	93.4	92.0	94.0
Q4	451 692	492 621	485 132	7 489	103.2	101.6	94.6	93.1	95.2
2021 Q1	444 907	493 033	485 550	7 483	103.2	101.7	93.2	91.7	93.8
<b>Percentage change, latest year on previous year</b>									
	KH4D	KH47	KH68		KH47	KH68	KH4D	KH6E	GDPO
2018	1.3	3.6	3.6		3.6	3.6	1.3	1.3	1.3
2019	1.8	3.9	3.7		3.9	3.7	1.8	1.6	1.4
2020	–9.9	–3.7	–4.6		–3.7	–4.6	–9.9	–10.8	–9.2
<b>Percentage change, latest quarter on previous quarter</b>									
	KH4F	KH49	KH6A		KH49	KH6A	KH4F	KH6G	
2018 Q4	0.3	0.4	0.4		0.4	0.4	0.3	0.3	0.3
2019 Q1	0.6	1.5	1.5		1.5	1.5	0.6	0.6	0.6
Q2	0.4	0.5	0.2		0.5	0.2	0.4	0.1	–
Q3	0.5	1.3	1.5		1.3	1.5	0.5	0.6	0.4
Q4	0.2	0.6	0.3		0.6	0.3	0.2	–0.2	–
2020 Q1	–3.0	–1.1	–1.0		–1.1	–1.0	–3.0	–3.0	–2.6
Q2	–19.5	–13.0	–14.0		–13.0	–14.0	–19.5	–20.4	–18.8
Q3	17.0	13.4	13.4		13.4	13.4	17.0	17.0	16.9
Q4	1.3	0.5	0.5		0.5	0.5	1.3	1.2	1.3
2021 Q1	–1.5	0.1	0.1		0.1	0.1	–1.5	–1.5	–1.5
<b>Percentage change, latest quarter on corresponding quarter of previous year</b>									
	KH4H	KH4B	KH6C		KH4B	KH6C	KH4H	KH6I	GDPR
2018 Q4	1.4	3.1	3.1		3.1	3.1	1.4	1.4	1.4
2019 Q1	1.9	3.9	3.9		3.9	3.9	1.9	1.9	1.9
Q2	1.9	3.9	3.6		3.9	3.6	1.9	1.6	1.5
Q3	1.7	3.8	3.7		3.8	3.7	1.7	1.6	1.3
Q4	1.6	4.0	3.5		4.0	3.5	1.6	1.1	1.0
2020 Q1	–2.0	1.4	1.0		1.4	1.0	–2.0	–2.4	–2.2
Q2	–21.4	–12.3	–13.3		–12.3	–13.3	–21.4	–22.4	–20.6
Q3	–8.5	–1.9	–3.2		–1.9	–3.2	–8.5	–9.8	–7.5
Q4	–7.5	–2.0	–3.0		–2.0	–3.0	–7.5	–8.5	–6.3
2021 Q1	–6.1	–0.8	–1.9		–0.8	–1.9	–6.1	–7.1	–5.2

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

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

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



# M Alignment adjustments <sup>1</sup>

£ million

	Changes in inventories		Gross operating surplus of non-financial corporations at current prices
	At current prices	Chained volume measures (Reference year 2018)	
<b>Seasonally adjusted</b>			
2018 Q4	DMUN 1 612	DMUM 1 605	DMUQ -1 837
2019 Q1	969	949	554
Q2	2 106	2 059	-374
Q3	2 093	2 035	845
Q4	-3 777	-3 684	-460
2020 Q1	1 048	975	-1 032
Q2	-3 028	-2 735	-397
Q3	1 557	1 400	2 895
Q4	423	360	-1 466
2021 Q1	-1 537	-1 407	863

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

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

£ millions except deflator index which is 2020/2021 = 100

	Current prices					Chained Volume Measures (reference year 2018)				
	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
2018/19	2 162 725	2 163 750	1 928 753	404 290	58 667	2 150 883	1 919 259	401 533	58 008	91.9888
2019/20	2 221 139	2 223 595	1 986 609	426 885	61 974	2 160 539	1 929 948	413 951	58 765	94.0617
2020/21	2 103 734	2 096 233	1 902 350	506 489	70 516	1 926 513	1 718 931	392 479	66 178	100.0000
<b>Seasonally adjusted</b>										
2018 Q4	541 670	548 218	483 093	101 204	14 358	538 222	480 684	100 886	14 170	92.0737
2019 Q1	548 802	550 646	490 389	104 226	15 650	541 195	483 380	102 261	15 129	92.7735
Q2	551 964	545 539	491 541	104 104	15 114	541 944	484 129	104 646	14 482	93.1791
Q3	558 286	552 691	498 426	106 864	15 654	544 639	486 565	103 741	15 085	93.7800
Q4	559 387	568 911	500 612	107 930	15 574	544 733	486 608	103 740	14 696	93.9487
2020 Q1	551 502	556 454	496 030	107 987	15 632	529 223	472 646	101 824	14 502	95.3390
Q2	477 249	474 848	430 947	123 045	16 432	426 197	380 236	84 249	15 534	102.4464
Q3	539 525	530 613	488 622	123 275	16 317	498 429	444 744	97 527	15 369	99.0308
Q4	543 763	550 124	491 178	127 471	17 016	504 742	450 353	104 020	16 058	98.5604
2021 Q1	543 197	540 648	491 603	132 698	20 751	497 145	443 598	106 683	19 217	99.9624
<b>Percentage change, latest financial year on previous financial year</b>										
2018/19	3.8	3.9	3.7	3.9	4.7	1.4	1.5	1.3	1.8	2.3
2019/20	2.7	2.8	3.0	5.6	5.6	0.4	0.6	3.1	1.3	2.3
2020/21	-5.3	-5.7	-4.2	18.6	13.8	-10.8	-10.9	-5.2	12.6	6.3
<b>Percentage change, latest quarter on previous quarter</b>										
	IHYN	A8L9	KGL8	KH2D	KH7P	IHYQ	KGM9	KH2J	KH9C	L8GH
2018 Q4	0.4	2.5	0.4	1.2	-1.0	0.2	0.3	1.4	-2.5	0.3
2019 Q1	1.3	0.4	1.5	3.0	9.0	0.6	0.6	1.4	6.8	0.8
Q2	0.6	-0.9	0.2	-0.1	-3.4	0.1	0.2	2.3	-4.3	0.4
Q3	1.1	1.3	1.4	2.7	3.6	0.5	0.5	-0.9	4.2	0.6
Q4	0.2	2.9	0.4	1.0	-0.5	-	-	-	-2.6	0.2
2020 Q1	-1.4	-2.2	-0.9	0.1	0.4	-2.8	-2.9	-1.8	-1.3	1.5
Q2	-13.5	-14.7	-13.1	13.9	5.1	-19.5	-19.6	-17.3	7.1	7.5
Q3	13.0	11.7	13.4	0.2	-0.7	16.9	17.0	15.8	-1.1	-3.3
Q4	0.8	3.7	0.5	3.4	4.3	1.3	1.3	6.7	4.5	-0.5
2021 Q1	-0.1	-1.7	0.1	4.1	21.9	-1.5	-1.5	2.6	19.7	1.4
<b>Percentage change, latest quarter on corresponding quarter of previous year</b>										
	IHYO	A8LA	KGM2	KH2E	KH7R	IHYR	KGN3	KH2K	KH9M	L8GI
2018 Q4	3.1	3.6	3.1	3.4	1.5	1.2	1.4	1.5	-0.7	1.9
2019 Q1	4.0	4.2	3.9	6.0	11.0	1.7	1.9	3.1	6.3	2.2
Q2	3.6	2.9	3.7	5.4	6.8	1.5	1.7	5.8	2.1	2.1
Q3	3.5	3.3	3.6	6.8	7.9	1.4	1.5	4.3	3.8	2.1
Q4	3.3	3.8	3.6	6.6	8.5	1.2	1.2	2.8	3.7	2.0
2020 Q1	0.5	1.1	1.2	3.6	-0.1	-2.2	-2.2	-0.4	-4.1	2.8
Q2	-13.5	-13.0	-12.3	18.2	8.7	-21.4	-21.5	-19.5	7.3	9.9
Q3	-3.4	-4.0	-2.0	15.4	4.2	-8.5	-8.6	-6.0	1.9	5.6
Q4	-2.8	-3.3	-1.9	18.1	9.3	-7.3	-7.5	0.3	9.3	4.9
2021 Q1	-1.5	-2.8	-0.9	22.9	32.7	-6.1	-6.1	4.8	32.5	4.8

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

2 All data are seasonally adjusted unless otherwise specified.

3 Implied deflator is expressed in terms of 2020/2021 = 100 for presentational purposes, whereas in table A1 it is expressed as 2018 = 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>

2020 = 100

	Implied deflators <sup>2</sup>		
	Gross national expenditure	Gross domestic product at market prices <sup>3</sup>	Gross value added at basic prices
2018	MNE2	MNF2	MNX5
2019	92.5499	92.5551	91.4860
2020	94.5251	94.5127	93.3857
2020	100.0000	100.0000	100.0000
<b>Seasonally adjusted</b>			
2018 Q4	92.9443	93.1504	91.9466
2019 Q1	93.8327	93.8584	92.8147
Q2	94.3512	94.2687	92.8888
Q3	95.3040	94.8766	93.7183
Q4	94.6126	95.0473	94.1210
2020 Q1	96.1096	96.4538	96.0145
Q2	104.3420	103.6444	103.6896
Q3	99.8732	100.1889	100.5143
Q4	99.6752	99.7129	99.7816
2021 Q1	101.3337	101.1313	101.3887
<b>Percentage change, latest year on previous year</b>			
2018	MNE3	MNF3	MNX6
2019	2.1	2.2	2.2
2020	2.1	2.1	2.1
2020	5.8	5.8	7.1
<b>Percentage change, latest quarter on previous quarter</b>			
2018 Q4	MNE4	MNF4	MNX7
2018 Q4	—	0.3	0.1
2019 Q1	1.0	0.8	0.9
Q2	0.6	0.4	0.1
Q3	1.0	0.6	0.9
Q4	−0.7	0.2	0.4
2020 Q1	1.6	1.5	2.0
Q2	8.6	7.5	8.0
Q3	−4.3	−3.3	−3.1
Q4	−0.2	−0.5	−0.7
2021 Q1	1.7	1.4	1.6
<b>Percentage change, latest quarter on corresponding quarter of previous year</b>			
2018 Q4	MNE5	MNF5	MNX8
2018 Q4	1.5	1.9	1.7
2019 Q1	1.9	2.2	2.0
Q2	2.3	2.1	1.9
Q3	2.6	2.1	2.0
Q4	1.8	2.0	2.4
2020 Q1	2.4	2.8	3.4
Q2	10.6	9.9	11.6
Q3	4.8	5.6	7.3
Q4	5.4	4.9	6.0
2021 Q1	5.4	4.8	5.6

1 Implied deflator is expressed in terms of 2020 = 100, whereas in table A1 it is expressed as 2018 = 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 2018)	
		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
2018	66 436	2 141 792	32 238	2 141 792	32 238
2019	66 797	2 218 439	33 212	2 172 511	32 524
2020	67 196	2 112 039	31 431	1 958 591	29 147
<b>Seasonally adjusted</b>					
2018 Q4	66 616	541 670	8 131	538 222	8 079
2019 Q1	66 707	548 802	8 227	541 195	8 113
Q2	66 797	551 964	8 263	541 944	8 113
Q3	66 897	558 286	8 345	544 639	8 141
Q4	66 996	559 387	8 350	544 733	8 131
2020 Q1	67 096	551 502	8 220	529 223	7 888
Q2	67 196	477 249	7 102	426 197	6 343
Q3	67 280	539 525	8 019	498 429	7 408
Q4	67 363	543 763	8 072	504 742	7 493
2021 Q1	67 447	543 197	8 054	497 145	7 371
<b>Percentage change, latest year on previous year</b>					
		IHYM	N3Y3	IHYP	N3Y6
2018		3.5	2.9	1.3	0.6
2019		3.6	3.0	1.4	0.9
2020		-4.8	-5.4	-9.8	-10.4
<b>Percentage change, latest quarter on previous quarter</b>					
		IHYN	N3Y4	IHYQ	N3Y7
2018 Q4		0.4	0.3	0.2	-
2019 Q1		1.3	1.2	0.6	0.4
Q2		0.6	0.4	0.1	-
Q3		1.1	1.0	0.5	0.3
Q4		0.2	0.1	-	-0.1
2020 Q1		-1.4	-1.6	-2.8	-3.0
Q2		-13.5	-13.6	-19.5	-19.6
Q3		13.0	12.9	16.9	16.8
Q4		0.8	0.7	1.3	1.1
2021 Q1		-0.1	-0.2	-1.5	-1.6
<b>Percentage change, latest quarter on corresponding quarter of previous year</b>					
		IHYO	N3Y5	IHYR	N3Y8
2018 Q4		3.1	2.5	1.2	0.6
2019 Q1		4.0	3.4	1.7	1.1
Q2		3.6	3.0	1.5	0.9
Q3		3.5	2.9	1.4	0.8
Q4		3.3	2.7	1.2	0.6
2020 Q1		0.5	-0.1	-2.2	-2.8
Q2		-13.5	-14.1	-21.4	-21.8
Q3		-3.4	-3.9	-8.5	-9.0
Q4		-2.8	-3.3	-7.3	-7.8
2021 Q1		-1.5	-2.0	-6.1	-6.6

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 24 June 2020

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

# AA Annex A - Growth and contributions to growth - output components of GDP<sup>1,2</sup>

## Chained Volume Measures

Seasonally adjusted data

Reference year 2018

	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</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
2018	-3.3	0.9	5.3	1.1	-1.2	-1.4	-	1.6	2.8	3.4	1.1	0.6
2019	6.3	-1.2	-0.9	-1.8	1.1	0.4	1.8	1.8	2.5	5.2	0.6	1.7
2020	-9.3	-8.0	-7.6	-9.5	-4.0	-1.3	-14.0	-9.0	-14.5	-9.2	-5.3	-11.0
<b>Contributions to growth</b>	ZZ3V	ZZ3W	ZZ3Y	ZZ3X	ZZ3Z	ZZ42	ZZ43	ZZ44	ZZ45	ZZ46	ZZ47	ZZ48
2018	-0.02	0.13	0.05	0.12	-0.02	-0.02	-	1.23	0.37	0.36	0.37	0.14
2019	0.04	-0.17	-0.01	-0.18	0.02	0.01	0.12	1.43	0.33	0.55	0.19	0.36
2020	-0.06	-1.07	-0.08	-0.92	-0.06	-0.02	-0.91	-7.07	-1.93	-1.02	-1.71	-2.42
<b>Percentage change, latest quarter on previous quarter</b>												
<b>Growth</b>	L3BB	L3BG	L3BH	L3BN	L3DM	L3DQ	L3DW	L3E2	L3GP	KI8L	KI8N	KI8P
2018 Q4	1.8	-1.3	-3.3	-1.1	-1.2	-1.2	-0.3	0.6	0.4	1.9	0.4	0.4
2019 Q1	1.8	1.2	-0.3	1.6	0.7	-	1.6	0.4	0.8	1.8	-0.3	0.4
Q2	1.8	-1.5	-1.9	-2.5	3.6	1.9	-0.1	0.2	0.3	0.7	-0.1	0.5
Q3	2.4	-0.7	2.4	-0.7	-2.7	-0.5	0.2	0.6	0.1	0.8	0.8	0.5
Q4	1.2	-0.3	-1.9	-0.5	3.4	-1.1	-1.8	0.2	-0.1	-0.2	-	0.8
2020 Q1	-4.2	-2.0	-4.0	-1.8	-4.5	1.0	-2.3	-2.7	-4.9	-3.1	-0.8	-4.1
Q2	-13.6	-16.5	-2.4	-20.9	-6.8	-5.5	-33.7	-18.0	-33.4	-15.8	-9.9	-22.3
Q3	5.5	16.0	-0.6	21.3	8.3	4.9	41.3	15.6	50.2	10.8	4.8	19.7
Q4	0.8	2.0	-3.8	3.3	-0.8	0.6	2.7	1.0	-7.1	2.6	2.0	4.1
2021 Q1	-3.4	-0.4	-2.5	-0.7	1.4	2.2	2.6	-2.0	-7.4	-0.5	0.4	-3.4
<b>Contributions to growth</b>	ZZ2F	ZZ2G	ZZ2I	ZZ2H	ZZ2J	ZZ2K	ZZ2L	ZZ2M	ZZ2N	ZZ2O	ZZ2P	ZZ2Q
2018 Q4	0.01	-0.18	-0.03	-0.11	-0.02	-0.02	-0.02	0.49	0.05	0.21	0.14	0.09
2019 Q1	0.01	0.16	-	0.15	0.01	-	0.11	0.29	0.11	0.19	-0.09	0.08
Q2	0.01	-0.20	-0.02	-0.25	0.05	0.02	-	0.19	0.04	0.07	-0.03	0.10
Q3	0.02	-0.09	0.03	-0.07	-0.04	-0.01	0.02	0.48	0.02	0.08	0.26	0.12
Q4	0.01	-0.04	-0.02	-0.05	0.05	-0.01	-0.12	0.13	-0.01	-0.02	-0.01	0.18
2020 Q1	-0.03	-0.27	-0.04	-0.18	-0.07	0.01	-0.15	-2.17	-0.66	-0.34	-0.27	-0.91
Q2	-0.09	-2.19	-0.02	-2.01	-0.10	-0.07	-2.18	-14.27	-4.35	-1.74	-3.30	-4.88
Q3	0.04	2.20	-0.01	2.01	0.14	0.07	2.20	12.63	5.41	1.24	1.79	4.18
Q4	0.01	0.28	-0.04	0.32	-0.01	0.01	0.17	0.82	-0.98	0.28	0.66	0.88
2021 Q1	-0.02	-0.05	-0.02	-0.07	0.02	0.03	0.16	-1.60	-0.88	-0.05	0.13	-0.84
<b>Percentage change, latest quarter on corresponding quarter of previous year</b>												
<b>Growth</b>	L3ZZ	L426	L427	L42D	L44C	L44G	L44M	L44Q	L47F	KII2	KIH9	KIH8
2018 Q4	-2.3	-1.0	7.4	-1.1	-3.7	-2.6	-0.5	2.0	3.7	4.6	1.3	0.7
2019 Q1	3.7	-0.1	3.9	0.3	-4.6	-0.4	3.6	2.1	4.3	6.7	0.5	1.0
Q2	6.2	-1.3	-2.3	-2.2	4.3	1.3	2.2	1.9	2.7	6.1	0.5	1.6
Q3	8.0	-2.2	-3.2	-2.8	0.2	0.3	1.5	1.8	1.7	5.2	0.9	1.8
Q4	7.3	-1.2	-1.7	-2.3	4.9	0.3	-	1.4	1.2	3.0	0.4	2.2
2020 Q1	1.0	-4.4	-5.4	-5.6	-0.5	1.3	-3.8	-1.7	-4.6	-1.9	-0.1	-2.3
Q2	-14.3	-19.0	-5.9	-23.4	-10.5	-6.1	-36.2	-19.6	-36.7	-18.0	-10.0	-24.4
Q3	-11.7	-5.4	-8.6	-6.3	-0.4	-1.0	-10.0	-7.6	-5.0	-9.8	-6.4	-10.0
Q4	-11.9	-3.2	-10.4	-2.7	-4.4	0.8	-5.9	-6.8	-11.7	-7.2	-4.5	-7.1
2021 Q1	-11.2	-1.5	-9.0	-1.6	1.5	1.9	-1.2	-6.1	-14.0	-4.6	-3.3	-6.5
<b>Contributions to growth</b>	ZZ36	ZZ37	ZZ39	ZZ38	ZZ3A	ZZ3B	ZZ3C	ZZ3D	ZZ3E	ZZ3F	ZZ3G	ZZ3H
2018 Q4	-0.02	-0.14	0.07	-0.11	-0.05	-0.03	-0.03	1.59	0.50	0.49	0.44	0.15
2019 Q1	0.02	-0.01	0.04	0.03	-0.07	-0.01	0.23	1.65	0.57	0.70	0.16	0.22
Q2	0.04	-0.17	-0.03	-0.23	0.06	0.02	0.14	1.53	0.37	0.64	0.17	0.35
Q3	0.05	-0.31	-0.04	-0.28	-	-	0.10	1.45	0.22	0.55	0.29	0.39
Q4	0.05	-0.17	-0.02	-0.23	0.07	-	-	1.10	0.16	0.32	0.13	0.48
2020 Q1	0.01	-0.60	-0.06	-0.55	-0.01	0.02	-0.25	-1.38	-0.62	-0.21	-0.05	-0.51
Q2	-0.09	-2.54	-0.06	-2.26	-0.15	-0.08	-2.37	-15.49	-4.90	-1.98	-3.25	-5.38
Q3	-0.08	-0.72	-0.09	-0.61	-0.01	-0.01	-0.66	-6.02	-0.67	-1.08	-2.09	-2.20
Q4	-0.08	-0.42	-0.11	-0.26	-0.06	0.01	-0.38	-5.41	-1.56	-0.80	-1.47	-1.58
2021 Q1	-0.07	-0.19	-0.06	-0.15	0.02	0.02	-0.07	-4.84	-1.71	-0.49	-1.06	-1.57

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

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

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

# AB Annex B - Growth and contributions to growth - expenditure components of GDP<sup>1,2</sup>

## Chained Volume Measures

Seasonally adjusted data

Reference year 2018

Final consumption expenditure									
	Households	Non-profit institutions <sup>3</sup>	General government	Gross capital formation	Gross fixed capital formation	Business investment	Total exports	less Total imports	Net trade
<b>Percentage change, latest year on previous year</b>									
<b>Growth</b>									
	KGZ5	KH26	KH2I	ZZ6H	KG7N	KG7M	KH2U	KH3N	
2018	1.3	5.6	0.6	0.9	0.4	-2.5	3.0	2.7	
2019	1.1	1.5	4.0	1.2	1.5	1.1	2.7	2.7	
2020	-10.6	-19.1	-6.5	-13.3	-8.8	-10.2	-15.8	-17.8	
<b>Contributions to growth</b>									
	ZZ6M	ZZ6N	ZZ6O	ZZ6P	ZZ6Q	ZZ6R	ZZ6S	ZZ6T	ZZ6U
2018	0.79	0.13	0.12	0.16	0.07	-0.26	0.91	0.86	0.05
2019	0.68	0.04	0.75	0.21	0.27	0.11	0.82	0.88	-0.06
2020	-6.54	-0.45	-1.23	-2.43	-1.58	-1.03	-4.91	-5.76	0.84
<b>Percentage change, latest quarter on previous quarter</b>									
<b>Growth</b>									
	KGZ6	KH27	KH2J	ZZ5H	KG7Q	KG7P	KH2V	KH3O	
2018 Q4	0.6	0.9	1.4	4.5	-0.2	-0.3	-0.1	4.0	
2019 Q1	-	0.2	1.4	15.4	2.1	1.3	-1.2	6.5	
Q2	0.6	-1.4	2.3	-15.7	-1.1	0.5	-0.8	-9.0	
Q3	0.1	1.8	-0.9	-3.4	1.3	1.4	5.3	1.5	
Q4	-0.3	1.3	-	-10.9	-1.6	-0.2	3.8	-3.1	
2020 Q1	-2.6	-5.3	-1.8	10.4	-1.2	-0.4	-14.5	-7.4	
Q2	-20.8	-24.1	-17.3	-34.7	-20.7	-22.5	-10.1	-21.1	
Q3	19.7	6.2	15.8	43.5	19.0	13.2	-0.5	14.6	
Q4	-1.7	-0.9	6.7	14.3	4.4	5.9	6.1	11.0	
2021 Q1	-3.9	-0.4	2.6	-9.4	-2.3	-11.9	-7.5	-13.9	
<b>Contributions to growth</b>									
	ZZ5M	ZZ5N	ZZ5O	ZZ5P	ZZ5Q	ZZ5R	ZZ5S	ZZ5T	ZZ5U
2018 Q4	0.35	0.02	0.27	0.81	-0.04	-0.03	-0.03	1.26	-1.29
2019 Q1	-0.02	0.01	0.26	2.84	0.37	0.13	-0.37	2.13	-2.50
Q2	0.35	-0.03	0.44	-3.32	-0.19	0.05	-0.23	-3.13	2.90
Q3	0.08	0.04	-0.17	-0.61	0.23	0.14	1.60	0.48	1.12
Q4	-0.20	0.03	-	-1.86	-0.29	-0.02	1.21	-1.00	2.21
2020 Q1	-1.61	-0.13	-0.35	1.63	-0.21	-0.04	-4.74	-2.28	-2.46
Q2	-12.80	-0.56	-3.32	-6.18	-3.74	-2.33	-2.89	-6.23	3.34
Q3	11.94	0.14	3.12	6.28	3.39	1.32	-0.15	4.23	-4.38
Q4	-1.03	-0.02	1.30	2.54	0.80	0.57	1.66	3.11	-1.44
2021 Q1	-2.26	-0.01	0.61	-1.81	-0.41	-1.17	-2.02	-4.06	2.04
<b>Percentage change, latest quarter on corresponding quarter of previous year</b>									
<b>Growth</b>									
	KGZ7	KH28	KH2K	ZZ5Y	KG7T	KG7S	KH2W	KH3P	
2018 Q4	1.7	1.8	1.5	4.1	-1.1	-3.7	3.6	6.4	
2019 Q1	1.2	1.9	3.1	24.0	2.3	-1.6	-0.3	11.9	
Q2	1.6	0.6	5.8	0.2	1.1	0.2	0.5	1.9	
Q3	1.2	1.5	4.3	-1.8	2.1	3.0	3.1	2.3	
Q4	0.3	1.9	2.8	-16.2	0.6	3.0	7.2	-4.7	
2020 Q1	-2.3	-3.7	-0.4	-19.9	-2.5	1.2	-7.3	-17.1	
Q2	-23.0	-25.9	-19.5	-37.9	-21.8	-21.9	-16.0	-28.1	
Q3	-7.9	-22.6	-6.0	-7.8	-8.2	-12.8	-20.6	-18.9	
Q4	-9.2	-24.3	0.3	18.3	-2.6	-7.4	-18.9	-7.1	
2021 Q1	-10.4	-20.4	4.8	-2.9	-3.7	-18.1	-12.2	-13.6	
<b>Contributions to growth</b>									
	ZZ65	ZZ66	ZZ67	ZZ68	ZZ69	ZZ6A	ZZ6B	ZZ6C	ZZ6D
2018 Q4	1.05	0.04	0.28	0.74	-0.19	-0.39	1.08	2.00	-0.92
2019 Q1	0.77	0.05	0.58	4.17	0.41	-0.16	-0.09	3.77	-3.87
Q2	0.98	0.01	1.07	0.04	0.20	0.02	0.16	0.59	-0.43
Q3	0.75	0.04	0.80	-0.32	0.37	0.29	0.97	0.72	0.25
Q4	0.21	0.05	0.53	-3.00	0.11	0.30	2.23	-1.55	3.78
2020 Q1	-1.39	-0.09	-0.08	-4.32	-0.46	0.12	-2.21	-5.94	3.73
Q2	-14.24	-0.60	-3.76	-6.94	-3.92	-2.21	-4.80	-8.90	4.10
Q3	-4.90	-0.53	-1.14	-1.37	-1.48	-1.30	-6.47	-6.02	-0.45
Q4	-5.65	-0.58	0.05	2.86	-0.46	-0.75	-6.15	-2.18	-3.97
2021 Q1	-6.11	-0.56	1.06	-0.51	-0.65	-1.81	-3.29	-3.77	0.48

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 contribution from the statistical discrepancy

and components may not sum to the percentage change in average GDP. Chained volume measure data for this component are available in table C2

3 Non-profit institutions serving households

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

## Current Prices

Seasonally adjusted data

	Compen- sation 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
2018	4.1	2.3	3.9	2.9
2019	4.8	1.6	3.2	2.4
2020	2.6	-2.6	-2.2	-49.8
<b>Contributions to growth</b>				
	ZZ7H	ZZ7I	ZZ7J	ZZ7K
2018	1.98	0.48	0.69	0.35
2019	2.36	0.34	0.58	0.29
2020	1.28	-0.54	-0.39	-5.95
<b>Percentage change, latest quarter on previous quarter</b>				
<b>Growth</b>				
	KGI4	KH4W	KH6U	KH66
2018 Q4	1.5	-3.1	1.7	0.6
2019 Q1	0.2	5.7	1.2	-1.2
Q2	2.2	-5.2	-0.4	5.5
Q3	1.0	5.3	-0.4	-1.9
Q4	0.9	-1.5	0.8	-2.0
2020 Q1	0.7	-2.0	-1.3	-10.1
Q2	-3.0	-7.9	-3.0	-99.1
Q3	3.6	13.8	2.8	6 389.9
Q4	2.5	-4.0	-1.3	8.5
2021 Q1	0.1	2.3	0.4	-10.0
<b>Contributions to growth</b>				
	ZZ6Z	ZZ72	ZZ73	ZZ74
2018 Q4	0.66	-0.59	0.27	0.06
2019 Q1	0.07	1.15	0.21	-0.15
Q2	1.10	-1.16	-0.07	0.67
Q3	0.49	1.02	-0.08	-0.23
Q4	0.47	-0.32	0.14	-0.24
2020 Q1	0.34	-0.41	-0.23	-1.18
Q2	-1.54	-1.64	-0.52	-10.60
Q3	2.05	3.01	0.56	7.24
Q4	1.36	-0.90	-0.23	0.57
2021 Q1	0.04	0.47	0.07	-0.68
<b>Percentage change, latest quarter on corresponding quarter of previous year</b>				
<b>Growth</b>				
	KGI5	KH4X	KH6V	KH67
2018 Q4	5.2	-3.3	5.6	2.7
2019 Q1	4.2	2.0	6.2	3.1
Q2	5.7	-1.6	3.7	3.5
Q3	4.9	2.2	2.0	2.8
Q4	4.4	3.9	1.1	0.2
2020 Q1	4.9	-3.7	-1.4	-8.8
Q2	-0.4	-6.5	-3.9	-99.2
Q3	2.1	1.1	-0.7	-47.2
Q4	3.7	-1.5	-2.7	-41.6
2021 Q1	3.1	2.9	-1.1	-41.5
<b>Contributions to growth</b>				
	ZZ79	ZZ7A	ZZ7B	ZZ7C
2018 Q4	2.50	-0.71	0.98	0.33
2019 Q1	2.09	0.44	1.09	0.37
Q2	2.80	-0.35	0.66	0.43
Q3	2.39	0.47	0.36	0.33
Q4	2.17	0.80	0.21	0.02
2020 Q1	2.44	-0.81	-0.25	-1.05
Q2	-0.20	-1.31	-0.69	-12.20
Q3	1.06	0.24	-0.13	-5.71
Q4	1.87	-0.30	-0.48	-4.88
2021 Q1	1.59	0.59	-0.19	-4.41

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 2018

	Final consumption expenditure				Gross fixed capital formation	Total exports	less Total imports
	House-holds	Non-prof- it instit- utions <sup>2</sup>	General govern- ment	Gross capital formation			
Percentage change, latest year on previous year							
	ZZ93	ZZ94	ZZ95	ZZ96	ZZ97	ZZ98	ZZ99
2018	2.4	1.4	2.2	0.8	2.0	3.1	2.5
2019	1.3	2.3	2.1	4.8	3.2	1.5	1.5
2020	0.7	25.4	21.7	1.7	1.8	-0.4	-0.6
Percentage change, latest quarter on previous quarter							
	ZZ8N	ZZ8O	ZZ8P	ZZ8Q	ZZ8R	ZZ8S	ZZ8T
2018 Q4	0.1	-0.1	-0.3	0.1	0.7	1.2	0.3
2019 Q1	0.5	-0.2	1.6	1.8	1.1	-2.2	-1.3
Q2	0.2	3.2	-2.4	4.7	1.5	2.5	2.7
Q3	0.6	-0.3	3.5	-	-0.4	-0.4	0.8
Q4	-	-0.1	1.0	-5.3	1.0	0.3	-2.5
2020 Q1	0.7	6.1	1.9	3.8	0.4	0.4	0.7
Q2	-1.0	29.6	37.7	4.6	0.3	-2.5	-0.2
Q3	1.1	-5.6	-13.5	-6.3	0.3	1.2	-1.0
Q4	-0.7	0.7	-3.1	3.9	0.6	-0.5	0.8
2021 Q1	1.3	1.2	1.5	1.8	0.1	1.7	2.1
Percentage change, latest quarter on corresponding quarter of previous year							
	ZZ8U	ZZ8V	ZZ8W	ZZ8X	ZZ8Y	ZZ8Z	ZZ92
2018 Q4	2.0	1.2	1.9	-0.3	1.9	3.9	2.6
2019 Q1	1.4	1.0	2.7	2.8	2.8	2.3	1.5
Q2	1.1	3.1	-0.4	9.2	3.9	2.3	2.9
Q3	1.5	2.6	2.4	6.6	2.9	1.1	2.4
Q4	1.4	2.5	3.7	0.9	3.2	0.3	-0.5
2020 Q1	1.6	9.0	4.1	2.9	2.4	2.9	1.5
Q2	0.3	36.9	46.8	2.9	1.2	-2.2	-1.3
Q3	0.8	29.7	22.7	-3.6	1.9	-0.7	-3.0
Q4	0.1	30.8	17.8	5.7	1.6	-1.5	0.4
2021 Q1	0.7	24.7	17.3	3.6	1.3	-0.3	1.8

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

2 Non-profit institutions serving households