

Statistical bulletin

GDP first quarterly estimate, UK: October to December 2020

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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1 . Main points

- UK gross domestic product (GDP) in Quarter 4 (Oct to Dec) 2020 is estimated to have grown by 1.0%, following revised 16.1% growth in Quarter 3. Despite two consecutive quarters of growth, the level of GDP in the UK is 7.8% below its Quarter 4 2019 level.
- Over the year 2020 as a whole, GDP contracted by 9.9%, marking the largest annual fall in UK GDP on record.
- In Quarter 4 2020, there have been increases in services, production and construction output, although the output of these industries remained below their Quarter 4 2019 (pre-pandemic) levels.
- There has been a further recovery in government consumption and, to a lesser extent, business investment in Quarter 4 2020 reflecting the easing of public health restrictions, however, the levels remain below their pre-lockdown level.

GDP estimates for Quarter 4 2020 are subject to [more uncertainty than usual](#) as a result of the challenges we faced estimating GDP in the current conditions.

2 . Things you need to know about this release

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

Further information on all three approaches to measuring GDP can be found in the [Guide to the UK National Accounts](#). 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.

In line with the [National Accounts Revisions Policy](#), revisions are open back to Quarter 1 (Jan to Mar) 2020 as part of this publication. Further information on these revisions is available in [Section 7: Revisions to GDP](#).

In producing a balanced estimate of GDP, we reconcile information on the output, expenditure and income measures of GDP. In our first quarterly estimate, output tends to paint a more reliable picture of what is happening overall in the economy, and so balancing adjustments are applied to the expenditure and income components of GDP where required to align to output; these tend to be applied to components where data content is comparatively weak, or estimates are prone to revision.

Impact of the coronavirus (COVID-19)

This release captures the direct effects of the coronavirus (COVID-19) pandemic and the government measures taken to reduce transmission of the virus. We have faced an increased number of challenges in producing quarterly estimates of UK GDP for Quarter 4 (Oct to Dec) 2020. More detailed information on the challenges and the steps taken to mitigate those can be found in [Coronavirus and the effects on UK GDP](#).

As a result of these challenges, GDP estimates for Quarter 4 2020 are subject to more uncertainty than usual and are likely to have larger than usual revisions in subsequent releases.

Additionally, as a result of the unprecedented impacts and interventions in the economy, we have particular uncertainty around the income approach to measuring GDP in this release. For more information see [Section 6: Income](#).

International Comparability

GDP estimates for Quarter 4 2020 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 COVID-19 pandemic and recovery than usual, so should be made with increased caution. For more information, please refer to our [recently published blog](#).

End of EU exit transition period

As the UK enters into a new Trade and Cooperation Agreement with the EU, the UK statistical system will continue to produce and publish our wide range of economic and social statistics and analysis. We are committed to continued alignment with the highest international statistical standards, enabling comparability both over time and internationally, and ensuring the general public, statistical users and decision makers have the data they need to be informed.

Additionally, the Withdrawal Agreement outlines a need for UK gross national income (a fundamental component of the national accounts, which includes GDP) statistics to remain in line with those of other EU countries until EU budget contributions are finalised for the years in which we were a member, and making budget contributions during the transition period. To ensure this comparability during this period, the national accounts will continue to be produced according to European System of Accounts (ESA) 2010 definitions and standards until at least 2024.

As the shape of the UK's future statistical relationship with the EU becomes clearer over the coming period, we are making preparations to assume responsibilities that as part of our membership of the EU, and during the transition period, were delegated to the statistical office of the EU, Eurostat. This includes responsibilities relating to international comparability of economic statistics, deciding what international statistical guidance to apply in the UK context and to provide further scrutiny of our statistics and sector classification decisions.

In applying international statistical standards and best practice to UK economic statistics, we will draw on the technical advice of experts in the UK and internationally, and our work will be underpinned by the UK's well-established and robust framework for independent official statistics, set out in the Statistics and Registration Service Act 2007. Further information on our proposals will be made available in early this year.

3 . Headline GDP

UK gross domestic product (GDP) is estimated to have increased by 1.0% in Quarter 4 (Oct to Dec) 2020 (Figure 1). The level of GDP in the UK is now 7.8% below its Quarter 4 2019 level.

The monthly path of GDP in Quarter 4 2020 reveals the impact of the differing degrees of restrictions in place. GDP increased by 0.6% in October, where health had the largest contribution because of an increase in the volume of activity, partly due to the coronavirus testing and tracing schemes across the UK. In contrast, accommodation and food service activities acted as a large drag on growth in October as [tightening coronavirus measures](#) had an adverse impact on trade and a subsequent lack of demand.

In November, GDP fell by 2.3% as restrictions were in place to varying degrees across all four nations of the UK. The largest contributor to this fall was accommodation and food service activities, followed by wholesale and retail trade, other service activities and arts, entertainment and recreation, reflecting the reintroduction of restrictions in some parts of the UK. These four sectors accounted for nearly 80% of the fall in services.

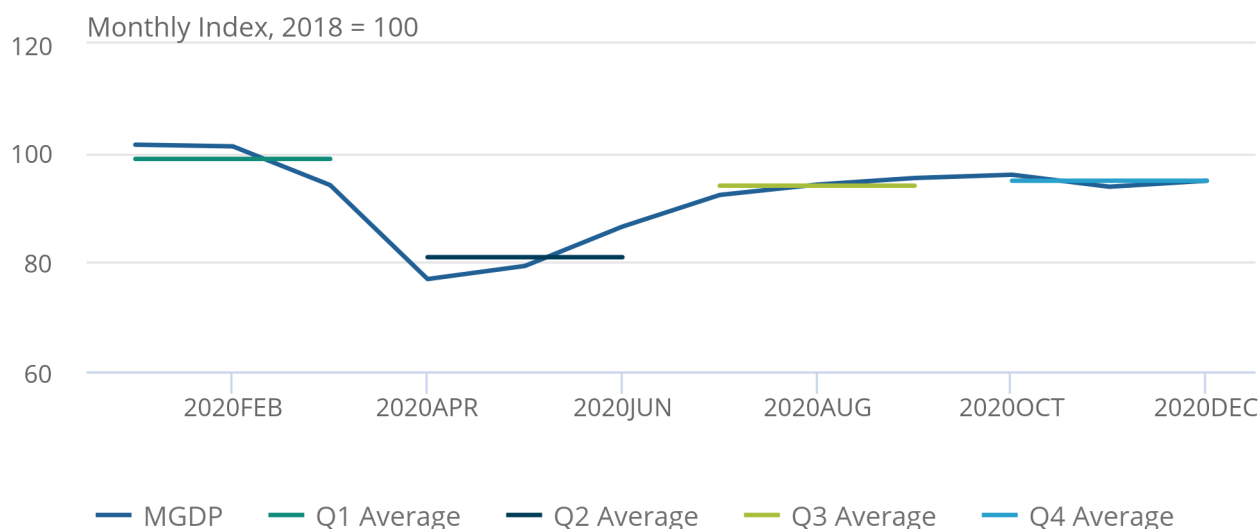
GDP increased by 1.2% in December 2020 as restrictions were eased early in the month in many parts of the UK. The largest contributor to this increase was accommodation and food service activities and other services, as the easing of restrictions across many parts of the UK in early December boosted demand for these consumer facing services. Health also contributed positively to growth in December 2020, as a result of increased activity, mainly due to the coronavirus testing and tracing schemes across the UK.

Figure 1: Following record growth in the third quarter, real GDP increased by 1.0% in Quarter 4 2020

UK, Index, January 2020 to December 2020, 2018 = 100

Figure 1: Following record growth in the third quarter, real GDP increased by 1.0% in Quarter 4 2020

UK, Index, January 2020 to December 2020, 2018 = 100



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. Q1 average refers to the average of the indices from Jan to Mar, Q2 average refers to the average of the indices Apr to June, Q3 average refers to the average of the indices from July to Sept and Q4 average refers to the average of the indices from Oct to Dec.
3. Quarterly average is based on output gross value added (GVA). There will therefore be discrepancies in the time series with our quarterly estimates of GDP, which include information on the expenditure and income approaches to measuring GDP.

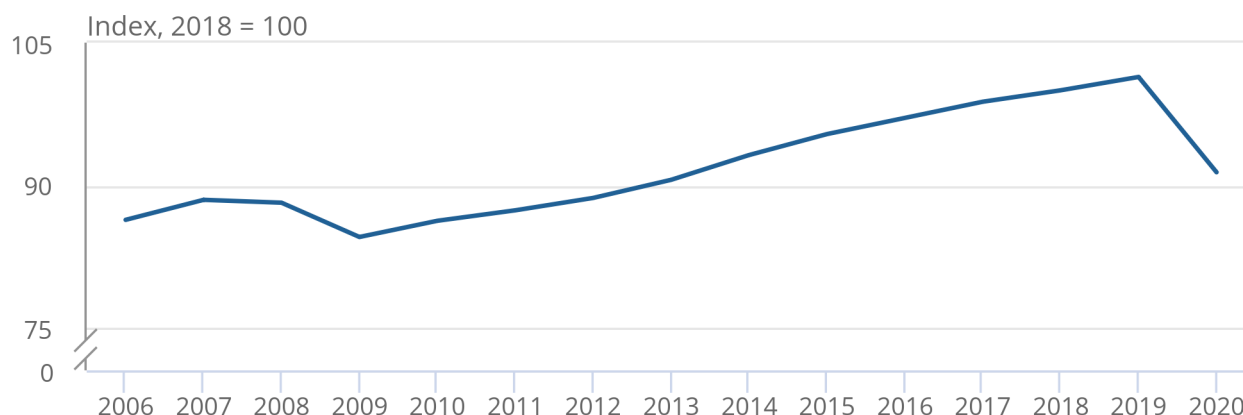
Over the year as a whole, GDP contracted by 9.9% in 2020, marking the largest annual fall in UK GDP on record (Figure 2).

Figure 2: Annual growth in 2020 fell by 9.9%, to a similar level seen during 2013

UK, Index, 2006 to 2020, 2018 = 100

Figure 2: Annual growth in 2020 fell by 9.9%, to a similar level seen during 2013

UK, Index, 2006 to 2020, 2018 = 100



Source: Office for National Statistics – GDP first quarterly estimate

Notes:

1. Index is reference to 2018 = 100

More about economy, business and jobs

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

Nominal GDP increased by 1.6% in Quarter 4 2020, and fell by 4.8% on an annual basis in 2020, driven by declines in Quarters 1 and 2 (Jan to June) 2020. 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. This includes the price movements in private and government consumption, investment and the relative price of exports and imports. The implied deflator increased by 0.6% in Quarter 4 2020, primarily impacted by movements in the implied price change of government consumption which increased by 1.2% in Quarter 4. Nominal government expenditure increased at a much faster rate in Quarter 4 than the volume of government activity. Compared with the same quarter a year ago, the implied GDP deflator increased by 6.1%.

Several countries have published first estimates of GDP for the final quarter of 2020, including the [United States](#), [Germany](#), [France](#), [Italy](#) and [Spain \(PDF, 327KB\)](#). These initial estimates show a mixed picture of economic performance for these countries in Quarter 4 2020. For instance, real GDP is estimated to have grown by 0.1% and 0.4% respectively in Germany and Spain, whilst GDP in France and Italy fell by 1.3% and 2.0% respectively in Quarter 4. Despite these divergent quarterly movements, the level of GDP in each of these countries remains below where it was before the effects of the coronavirus (COVID-19) pandemic. Recent analysis highlights [the challenges of making international comparisons of GDP at this time](#) and suggests it maybe useful to compare nominal and real estimates of GDP, as well as estimates excluding government expenditure.

Table 1: International comparisons of real and nominal GDP
Quarter 1 (Jan to Mar) 2020 to Quarter 4 (October to December) 2020

Real GDP quarter-on-quarter growth (%)

| Country | Q1-2020 | Q2-2020 | Q3-2020 | Q4-2020 |
|----------------|---------|---------|---------|---------|
| France | -5.9% | -13.7% | 18.5% | -1.3% |
| Germany | -2.0% | -9.7% | 8.5% | 0.1% |
| Italy | -5.5% | -13.0% | 16.0% | -2.0% |
| Spain | -5.3% | -17.9% | 16.4% | 0.4% |
| United Kingdom | -2.9% | -19.0% | 16.1% | 1.0% |
| United States | -1.3% | -9.0% | 7.5% | 1.0% |

Nominal GDP quarter-on-quarter growth (%)

| Country | Q1-2020 | Q2-2020 | Q3-2020 | Q4-2020 |
|----------------|---------|---------|---------|---------|
| France | -4.9% | -11.3% | 15.3% | -0.7% |
| Germany | -1.5% | -9.3% | 7.6% | 0.7% |
| Italy | -5.1% | -12.2% | 14.8% | |
| Spain | -5.8% | -17.3% | 16.9% | 0.6% |
| United Kingdom | -1.6% | -13.5% | 13.1% | 1.6% |
| United States | -0.9% | -9.5% | 8.5% | 1.5% |

Source: Office for National Statistics, Organisation for Economic Co-operation and Development

Notes

1. Q1 refers to Quarter 1 (Jan to Mar) Q2 refers to Quarter 2 (Apr to June), Q3 refers to Quarter 3 (July to Sept) and Q4 refers to Quarter 4 (Oct to Dec).
2. Data as at 9 February 2021.
3. Nominal GDP data for Italy was not available for Quarter 4 2020.

It is important to note that 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 the recent article [International comparisons of GDP during the coronavirus \(COVID-19\) pandemic](#).

Table 2: Headline National Accounts indicators for the UK

| | Chained volume measures | | | | Current market prices | | |
|----------------------------|-------------------------|-----------------------|-------------------------------|---------------------------|-----------------------|---------------------------|----------------------|
| | GDP | Household expenditure | Gross fixed capital formation | GDP per head ³ | GDP | Compensation of employees | GDP implied deflator |
| Seasonally adjusted | | | | | | | |
| 2019 | 1.4 | 1.1 | 1.5 | 0.9 | 3.6 | 4.8 | 2.1 |
| 2020 | -9.9 | -10.7 | -8.7 | -10.5 | -4.8 | 2.8 | 5.7 |
| Q1 2019 | 0.6 | 0.0 | 2.1 | 0.4 | 1.3 | 0.2 | 0.8 |
| Q2 2019 | 0.1 | 0.6 | -1.1 | 0.0 | 0.6 | 2.2 | 0.4 |
| Q3 2019 | 0.5 | 0.1 | 1.3 | 0.3 | 1.1 | 1.0 | 0.6 |
| Q4 2019 | 0.0 | -0.3 | -1.6 | -0.1 | 0.2 | 0.9 | 0.2 |
| Q1 2020 | -2.9 | -2.7 | -1.2 | -3.0 | -1.6 | 0.6 | 1.3 |
| Q2 2020 | -19.0 | -21.0 | -20.5 | -19.2 | -13.5 | -2.7 | 6.9 |
| Q3 2020 | 16.1 | 19.3 | 20.3 | 16.0 | 13.1 | 3.8 | -2.6 |
| Q4 2020 | 1.0 | -0.2 | 2.1 | 0.9 | 1.6 | 2.4 | 0.6 |

Source: Office for National Statistics, GDP first quarterly estimate

Notes

1. Table shows the 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)., Population data used in GDP per head are consistent with the 24 June 2020 published estimates.

4 . Output

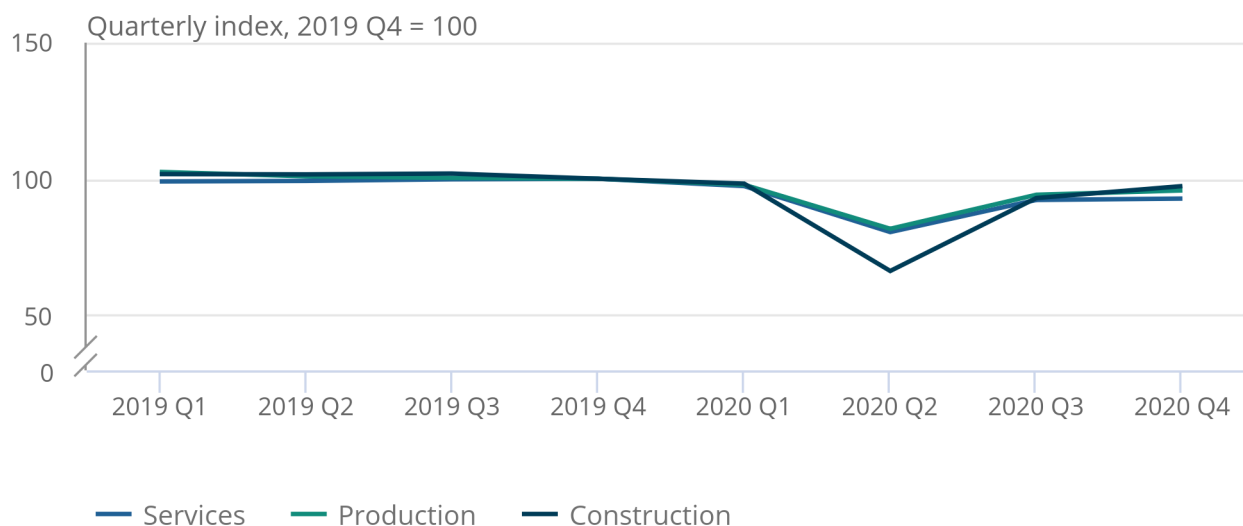
In Quarter 4 (Oct to Dec) 2020, there have been increases in services, production and construction output, although the output of these industries all remained below pre-pandemic (Quarter 4 2019) levels in Quarter 4 2020 (Figure 3). Services output fell by 8.9% in 2020, while there was a 8.6% decline in production output and a 12.5% contraction in construction output, largely reflecting the impact of the coronavirus (COVID-19) pandemic and the restrictions in place over the year in response to it.

Figure 3: Services, production and construction output increased in Quarter 4 2020 but are still below pre-pandemic (Quarter 4 2019) levels

Quarter 1 (Jan to Mar) 2019 to Quarter 4 (October to December) 2020

Figure 3: Services, production and construction output increased in Quarter 4 2020 but are still below pre-pandemic (Quarter 4 2019) levels

Quarter 1 (Jan to Mar) 2019 to Quarter 4 (October to December) 2020



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

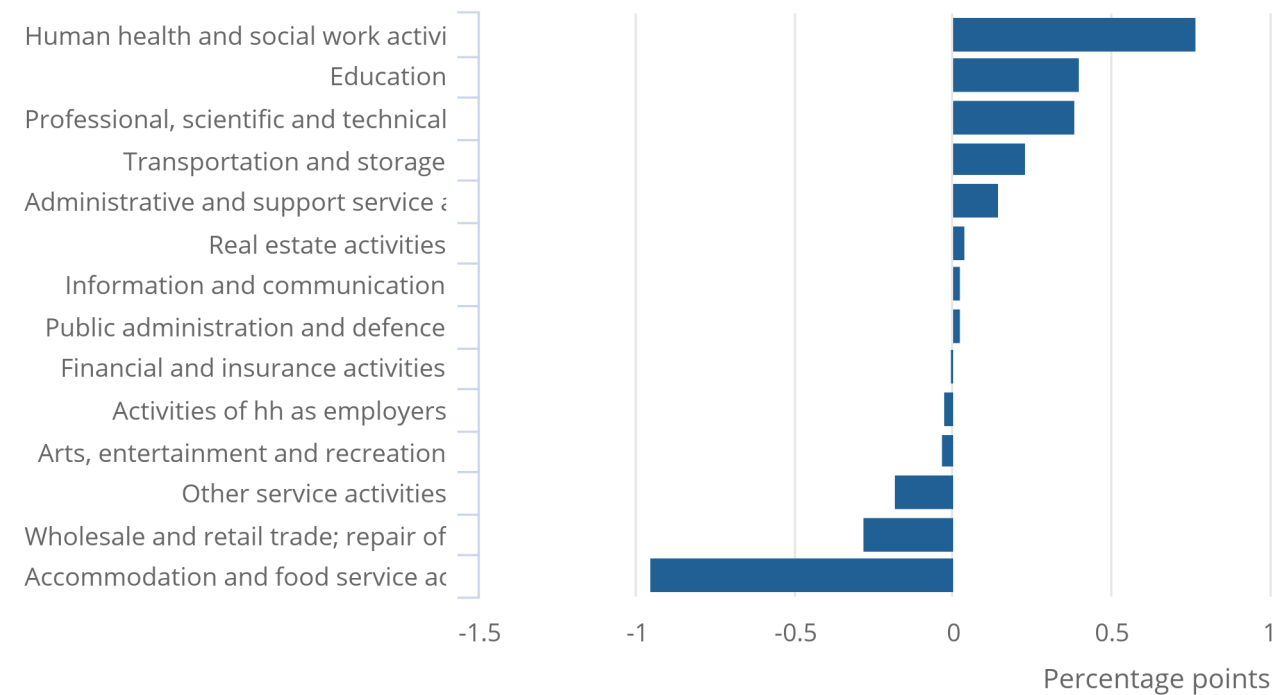
Services output increased by 0.6% in Quarter 4 2020 and is now 7.3% below Quarter 4 2019 levels (Figure 4). The latest [Monthly GDP bulletin](#) has more details on the monthly path in the latest quarter, in which there was a 1.7% increase in services output in December 2020, following a contraction in November due to the reintroduction of coronavirus restrictions in many parts of the UK.

Figure 4: Services output grew by 0.6% in Quarter 4 2020, despite restrictions in place across some of the quarter

UK, Quarter 4 (Oct to Dec) 2020 contributions to services growth

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UK, Quarter 4 (Oct to Dec) 2020 contributions to services growth



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. Chart shows contribution to services growth
3. Components contribution may not sum to total due to rounding.

Growth in Quarter 4 was mainly driven by increases in the health and education industries. Health experienced an increase of 12.4%, mainly because of the coronavirus testing and tracing schemes across the UK. Meanwhile, education increased by 5.6%, reflecting higher levels of school attendance in Quarter 4. There is more information on health and education estimates in Quarter 4 2020 in [Section 5: Expenditure](#), which includes details on adjustments to more fully capture new health services such as testing and tracing.

Other industries that made a positive contribution to growth were warehousing and support activities for transportation and postal and courier activities. This was driven by increased online retail activity during this period, because of Black Friday and the build-up to Christmas. According to the December [BRC Retail sales monitor](#), much of the growth in retail shopping in December took place online, “where nearly half of all non-food purchases were made”. Although online sales lessened the impact of restrictions during November and December, output in the wholesale and retail trade and repair of motor vehicles sub-sector fell by 1.9% in Quarter 4 2020, after a 30.9% increase in Quarter 3 (July to Sept) 2020.

Accommodation and food services activities, on the other hand, experienced a 32.8% fall in Quarter 4 2020, as new restrictions were introduced in November. This followed strong growth in Quarter 3 2020 because of the combined impact of easing lockdown restrictions and the [Eat Out to Help Out Scheme](#), which boosted consumer demand for bars and restaurants. During November 2020, output in this sub-sector fell by 44.5% even though, as reported by the latest [Bank of England Agent's Summary of Business Conditions](#), “many pubs, cafes and restaurants were able to offer takeaway options”. In November and December, over three-quarters of businesses in this industry experienced a decrease in turnover in comparison with normal expectations for this time of the year, according to results from [Wave 18](#), [Wave 19](#), [Wave 20](#) and [Wave 21](#) of the Business Impact of COVID-19 Survey (BICS). In relation to a year ago, the output of the accommodation and food services sector is now 51.8% lower.

Production

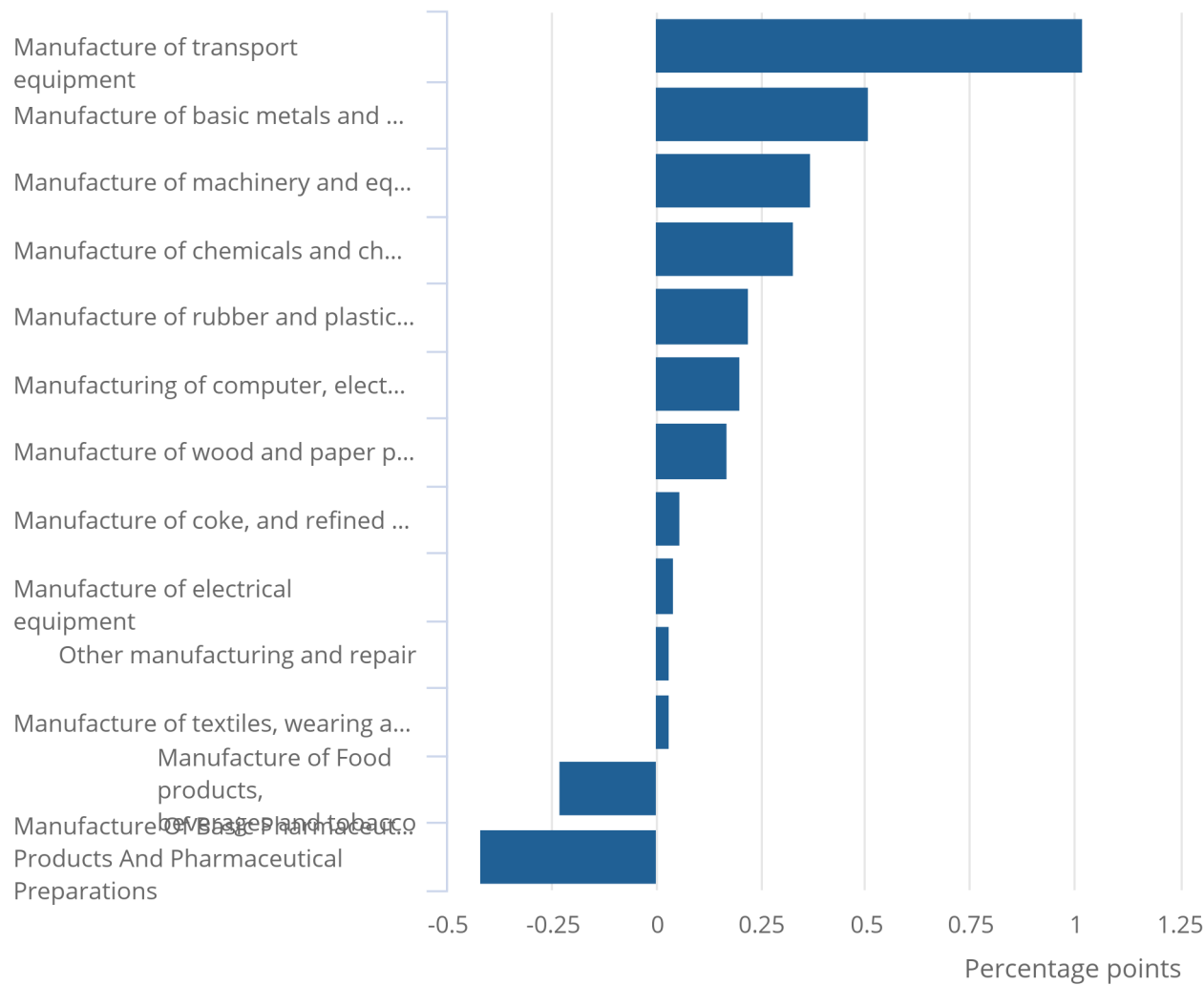
In Quarter 4 2020, production output increased by 1.8% and is now 4.2% lower than its Quarter 4 2019 level, with manufacturing 3.5% below pre-pandemic (Quarter 4 2019) levels (Figure 5). Manufacturing increased by 3.3% in Quarter 4 2020, driven by increases in 11 out of 13 manufacturing sub-sectors, most notably the manufacture of transport equipment, which grew by 11.5%. The December [IHS Markit UK Manufacturing PMI](#) highlights that this expansion may partly reflect “clients bringing forward orders to guard against potential disruption caused by the end of the Brexit transition period”. Another driver behind the growth in manufacturing, specifically in the manufacture of chemicals and chemical products, were the coronavirus testing and tracing schemes that contributed to the 7.1% increase in this sub-sector in Quarter 4 2020.

Figure 5: Production output increased by 1.8% in Quarter 4 2020, driven by 11.5% growth in the manufacture of cars sub-sector

UK, Quarter 4 (Oct to Dec) 2020 contributions to production growth

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UK, Quarter 4 (Oct to Dec) 2020 contributions to production growth



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. Chart shows contribution to production growth
- 3. Components contribution may not sum to total due to rounding.

Manufacture of transport equipment experienced an increase of 11.5% in Quarter 4 2020, but it is still 11.1% below the levels in Quarter 4 2019. According to the [Society of Motor Manufacturers and Traders \(SMMT\)](#), UK car production in December 2020 was 2.3% lower than in December 2019. This was driven by a decline in production for export, with some companies impacted by supply disturbances due to border closures, while output for the domestic market grew in comparison to a year ago.

Meanwhile, the manufacture of basic pharmaceutical products continued to fall in Quarter 4 2020, declining by 6.4% after a 2.5% decline in Quarter 3. This is mainly because of the cumulative impact of weakness from large businesses and highlights the volatile nature of growth in this industry.

Mining and quarrying continued to fall in Quarter 4 2020, by 5.9%, after a 1.4% fall in Quarter 3, mainly because of reduced global demand. The 6.7% decline observed in oil and gas extraction was driven by the introduction of business restrictions impacting on demand.

Construction

Construction output increase by 4.6% in Quarter 4 2020, following a 40.7% increase in the previous quarter. In comparison with pre-pandemic (Quarter 4 2019) levels, the construction industry is now 2.8% below. This industry was less affected by the reintroduction of restrictions in Quarter 4, where 80% of businesses continued trading and two-thirds reported unchanged or increased turnover in comparison with what would be normally expected for the time of the year, according to results from [Wave 18](#), [Wave 19](#), [Wave 20](#) and [Wave 21](#) of BICS. Health and safety requirements such as social distancing, however, continued to limit capacity and work levels.

According to the December [IHS Markit UK Construction PMI](#), the recovery seen over recent months was “driven by new projects and stronger underlying demand”, particularly in residential building. The latest [Bank of England Agent's Summary of Business Conditions](#) reports that output was “mostly supported by infrastructure projects”, while “demand for household repair and maintenance work was strong”.

5 . Expenditure

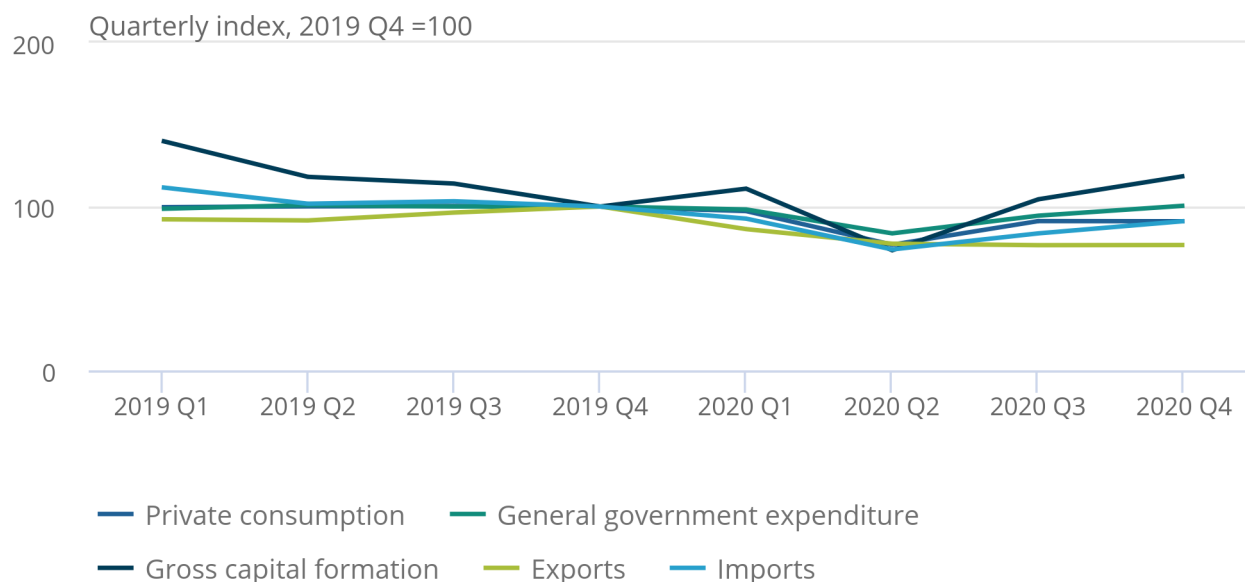
The expenditure measure of real gross domestic product (GDP) increased by 1.0% in Quarter 4 (Oct to Dec) 2020, following a 16.1% increase in Quarter 3 (July to Sept) 2020. There was an increase in real government expenditure in Quarter 4, particularly an increase in the volume of healthcare and education. Gross capital formation also contributed positively to real GDP growth, while household consumption experienced a slight fall in the quarter (Figure 6). The levels of business investment and household consumption remain 10.3% and 8.4% lower than their pre-pandemic (Quarter 4 2019) levels respectively.

Figure 6: Household expenditure fell in Quarter 4 2020, while government expenditure on health contributed positively to growth

UK, Quarter 1 (Jan to Mar) 2019 to Quarter 4 (Oct to Dec) 2020

Figure 6: Household expenditure fell in Quarter 4 2020, while government expenditure on health contributed positively to growth

UK, Quarter 1 (Jan to Mar) 2019 to Quarter 4 (Oct to Dec) 2020



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

In Quarter 4 2020, household consumption decreased by 0.2%, following a bounce back of 19.3% in Quarter 3 that reflected an easing of public health restrictions. In particular, there was lower spending in restaurants and hotels, which fell by 20.2% because of the reintroduction of restrictions. These restrictions also affected retail sales, which experienced a 0.4% fall in volume in Quarter 4 2020 according to the latest [official retail figures](#), mainly because of a 4.1% fall in November as a result of enforced closures of non-essential stores in much of the UK. [Footfall data](#) on UK high street, retail park and shopping centres show the impact of November restrictions, with UK overall retail footfall falling by around 20 percentage points in this month before recovering to October levels during the first half of December. Meanwhile, household spending on transport increased by 5.9%.

After standing at negative 31 in October and negative 33 in November, the GfK consumer confidence index [reported a recovery in December](#), up to negative 26. It is now one point lower than at the end of Quarter 3, with consumers “looking for good news and they have found it in the form of the UK’s COVID-19 vaccination programme”. This index dropped at the beginning of the pandemic, from negative 7 in February 2020 to negative 34 in April, recovering slowly since June up to the negative 25 points registered in September.

Consumption of government goods and services

Government consumption increased by 6.4% in Quarter 4 2020, after a 12.9% growth in the previous quarter. Nominal government consumption in health increased by 17.2% in Quarter 4. This has been partly reflected in a volume increase of healthcare services, mainly because of the coronavirus testing and tracing schemes. It should be noted that whilst government final consumption expenditure in nominal terms includes spending on coronavirus testing and tracing, such activities are not captured within our source data for government final consumption expenditure in volume terms. We have therefore added testing and tracing adjustments to our volume measure of £200 million in Quarter 2 (April to June) 2020, £1 billion in Quarter 3 2020 and £4.5 billion in Quarter 4. These very approximate initial adjustments are informed by the available in-year spending data for testing and tracing for the period April to September 2020.

We are investigating how to fully capture the activity related to testing and tracing and are aiming to introduce a method early in 2021, effective from April 2020. Smaller adjustments have been made to the health industry in the output approach to GDP, reflecting evidence that some of this activity is already recorded in private sector manufacturing and services. In Quarter 4 this adjustment was £3.75 billion. We will be undertaking further work to understand the supply chains involved in delivering testing and tracing activity, as well as the production and distribution of vaccinations, which may lead to some revisions to the industry distribution of these activities. While some vaccinations were given in Quarter 4 2020, activity did not become significant in scale until 2021. We are working on data sources and methods to capture this activity more fully, but we do not expect this to have a significant GDP impact in Quarter 4 2020. There is more information on the latest health estimates in our [measuring healthcare through the pandemic blog](#).

Within healthcare, elective surgery and GP services have shown strong recovery, while the volume of activity in other areas such as dental services remains low because patient capacity is reduced when following coronavirus safety protocols.

The consumption of education services increased by 6% in Quarter 4, after a 23% increase in the previous quarter. Attendance improved overall in Quarter 4 but fell back in December. The volume of education consumption is still 12.1% below its level at the end of 2019, partly reflecting reduced attendance but also [our approach to include remote learning](#).

Net trade

In Quarter 4 2020, the UK posted a trade deficit of 3.2% of nominal GDP (Figure 7). Excluding precious metals, the trade deficit was 2.7% of nominal GDP. The trade flows of goods picked up further in Quarter 4, particularly in imports, which increased by 14.1% compared with the 7.5% rise in goods exports. The main contributors were machinery and transport equipment, and chemicals, particularly medicinal and pharmaceutical products. Increases in imports of these commodities are consistent with government advice to stockpile medicines ahead of the end of the EU Exit transition period as well as an increase in the production of transport equipment in the UK.

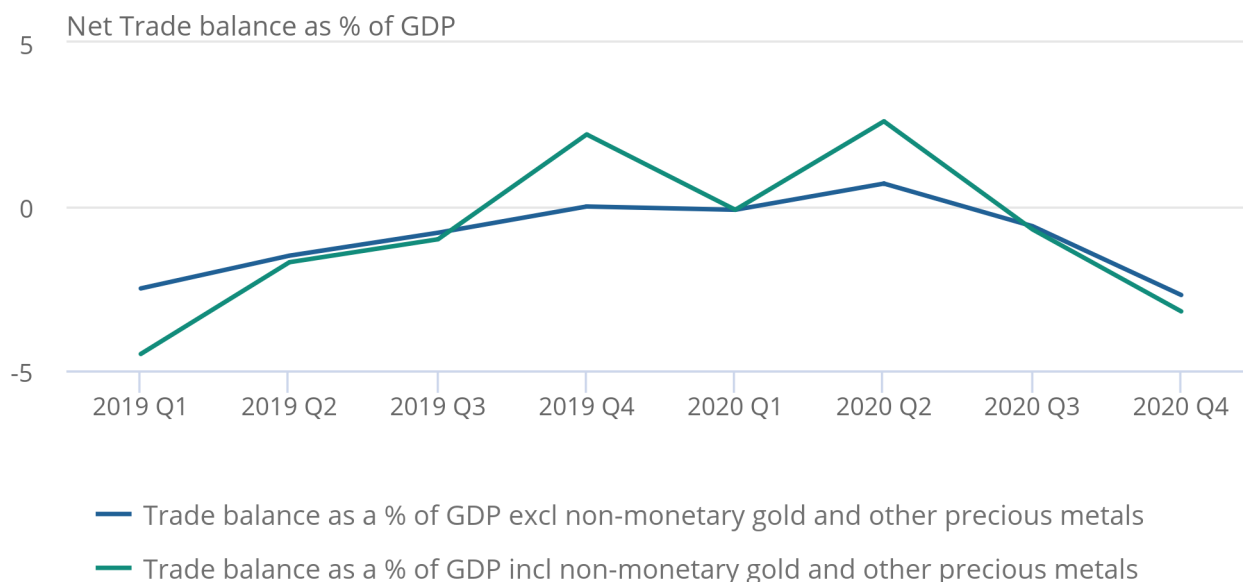
There was a contraction in services trade in Quarter 4 in which exports fell by 9.6% and imports by 7%, with the main driver being other business services. Falls were also seen across intellectual property, telecommunications, computer and information services and travel services.

Figure 7: The UK trade balance continued in deficit in Quarter 4 2020, with an increase in imports of transport equipment and pharmaceutical products

UK, Quarter 1 (Jan to Mar) 2019 to Quarter 4 (Oct to Dec) 2020

Figure 7: The UK trade balance continued in deficit in Quarter 4 2020, with an increase in imports of transport equipment and pharmaceutical products

UK, Quarter 1 (Jan to Mar) 2019 to Quarter 4 (Oct to Dec) 2020



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. The trade balance is calculated using current price estimates of GDP and net trade.

Gross capital formation

In Quarter 4 2020, gross fixed capital formation (GFCF) increased by 2.1%, driven by a large increase in transport equipment. [Business investment](#) increased by 1.3% in Quarter 4 2020 and is now 10.3% below where it was at the end of 2019 (Figure 8).

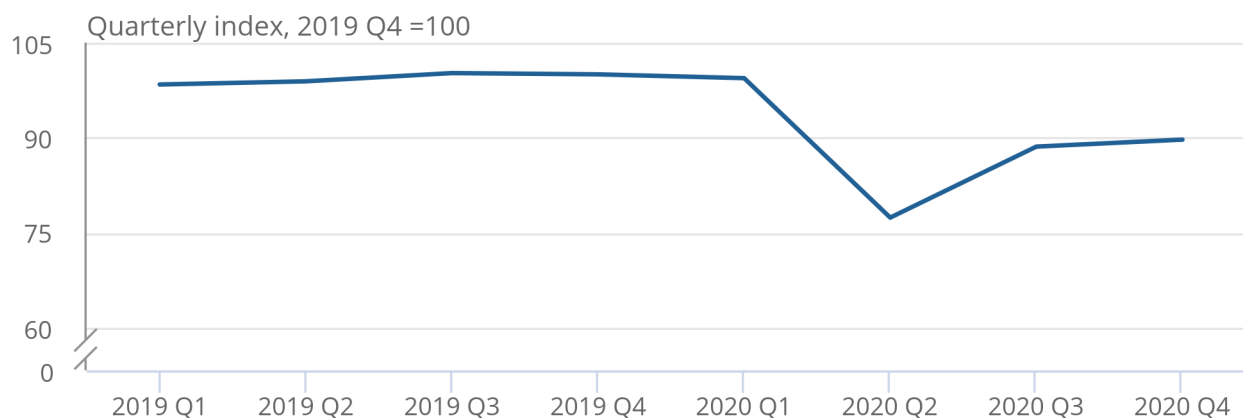
According to the Quarter 4 2020 [Bank of England Agents' Summary of Business Conditions](#), “investment tended to be limited to essential equipment or maintenance, rather than discretionary or strategic projects”, because of “concerns about the strength of the recovery, uncertainty about the outlook, and cash positions”. The latest Bank of England [Decision Maker Panel](#) reports that economic uncertainty remained high or very high for 68% of businesses, and “remains much higher than 41% at the start of 2020, while investment remained 20% lower that would otherwise have been because of Covid-19.”

Figure 8: Growth in business investment slowed down in Quarter 4 2020, and it is now 10.3% below pre-pandemic (Quarter 4 2019) levels

UK, Quarter 1 (Jan to Mar) 2019 to Quarter 4 (Oct to Dec) 2020

Figure 8: Growth in business investment slowed down in Quarter 4 2020, and it is now 10.3% below pre-pandemic (Quarter 4 2019) levels

UK, Quarter 1 (Jan to Mar) 2019 to Quarter 4 (Oct to Dec) 2020



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.

In advance of important dates in the UK's exit from the European Union during 2019 we saw widespread evidence of businesses stockpiling. As the UK ended its transition period at the end of 2020, there has been further interest in the level of stockpiling.

In the [GDP data tables](#), we see evidence that there has been stockpiling taking place in the imports figures. We see a pattern consistent with that seen in advance of the UK's original planned departure date at the end March 2019 – particularly including increases in medicinal and pharmaceutical products and cars – albeit less pronounced than in March 2019.

However, the unaligned inventories data show a decrease of £1.1 billion in stocks being held by UK companies in Quarter 4 2020 (Table 3). Note alignment and balancing adjustments are typically applied to the inventories component to help balance the different approaches to GDP – more detail on these 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 the whole economy.

Given the complexity of measuring the economy during 2020, and the inherent uncertainty in initial estimates of GDP, it is hard to fully reconcile the evidence of stockpiling in imports data with the unaligned inventories data. Textual analysis from the quarterly stocks survey suggests that [some businesses increased their stocks in the lead up to the UK's departure date from the European Union](#), although the survey suggests this may have been counter-balanced by inventories decreases in other industries.

Taken together with the imports data this shows evidence of some stockpiling in preparation for the end of the UK's transition period with the EU, but we currently are unable to clearly quantify the effect of this. We will continue to analyse these data as more mature estimates become available.

Table 3: Change in inventories, including and excluding balancing and alignment adjustments
UK, Quarter 1 (Jan to Mar) 2020 to Quarter 4 (Oct to Dec) 2020

| | | Change in Inventories | Of which alignment | Of which balancing | Change in Inventories excluding alignment and balancing |
|----------------|-------------------------------|----------------------------------|-------------------------------|-------------------------------|--|
| 2020 Q1 | Current price | -3490 | 1492 | | -4982 |
| | Chained volume measure | -3334 | 1408 | | -4742 |
| 2020 Q2 | Current price | -4998 | -3083 | -1450 | -465 |
| | Chained volume measure | -6201 | -2799 | -1450 | -1952 |
| 2020 Q3 | Current price | -6214 | -1403 | | -4811 |
| | Chained volume measure | -5617 | -1328 | | -4289 |
| 2020 Q4 | Current price | 3535 | 2994 | 1000 | -459 |
| | Chained volume measure | 2601 | 2719 | 1000 | -1118 |

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).

6 . Income

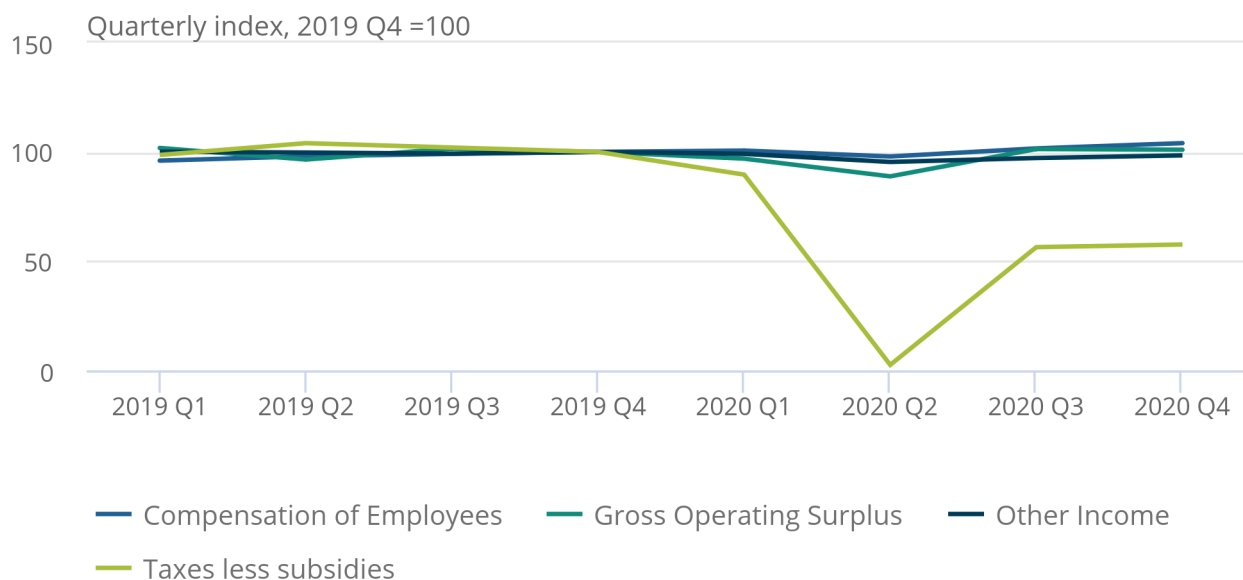
Nominal gross domestic product (GDP) increased by 1.6% in Quarter 4 (Oct to Dec) 2020, though it remains 2.1% below its pre-pandemic (Quarter 4 2019) level (Figure 9). Compensation of employees (CoE) increased by 2.4% in Quarter 4, mainly driven by an increase in wages and salaries, which grew by 2.1%. It should be noted that these wages and salaries estimates were informed by the latest labour market indicators on pay from HM Revenue and Customs' (HMRC's) Pay As You Earn (PAYE) Real Time Information (RTI) data. In Quarter 4 2020, employers' social contributions grew by 3.3%.

Figure 9: Nominal GDP grew by 1.6% in Quarter 4 2020, reflecting growth in compensation of employees

UK, Quarter 1 (Jan to Mar) 2019 to Quarter 4 (Oct to Dec) 2020

Figure 9: Nominal GDP grew by 1.6% in Quarter 4 2020, reflecting growth in compensation of employees

UK, Quarter 1 (Jan to Mar) 2019 to Quarter 4 (Oct to Dec) 2020



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 2.4% in Quarter 4 whilst subsidies declined by a larger 8.6%. The decline in taxes in Quarter 4 2020 was because of a fall in revenues from Value Added Tax (VAT), though it should be noted that there is wider uncertainty than usual surrounding these estimates. The quarterly fall in subsidies reflects a fall in subsidy payments related to the Coronavirus Job Retention Scheme (CJRS) and the Self Employment Income Support Scheme (SEISS) as well as the end of the Government's Eat Out to Help Out scheme that took place throughout August 2020.

Following an increase of 14.1% in Quarter 3 (July to Sept), gross operating surplus (GOS) of corporations fell by 0.3% in Quarter 4 2020. 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 4). When the alignment adjustment is removed, GOS of corporations increased by 1.0%. The latest [EY UK profit warnings report](#) states that UK profit warnings hit an all-time high in 2020, with UK companies issuing 583 profit warnings over the year. The report highlights the contrast between the first and second half of the year, noting that “COVID-19 dealt a huge blow to earnings expectations in the first half of 2020, triggering record levels of warnings” and adding that “by the second half, expectations adjusted, demand recovered, and profit warnings fell below average – even as COVID-19 restrictions increased in the final quarter”.

Table 4: Gross operating surplus of private non-financial corporations, including and excluding balancing and alignment adjustments
UK, Quarter 1 (Jan to Mar) 2020 to Quarter 4 (Oct to Dec) 2020

| | Gross operating surplus of private non-financial corporations | Of which alignment | Gross operating surplus of private non-financial corporations excluding alignment | Gross operating surplus of private non-financial corporations excluding alignment |
|----------------------------------|--|---------------------------|--|--|
| Quarter-on-quarter growth | | | | |
| 2020 Q1 | 94068 | -2654 | 96722 | -1.8 |
| 2020 Q2 | 87807 | -1500 | 89307 | -7.7 |
| 2020 Q3 | 100127 | 2825 | 97302 | 9 |
| 2020 Q4 | .. | 1329 | .. | .. |

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). Please note, Quarter 4 data on private non-financial corporations is not available in this first quarterly estimate.

7 . Revisions to GDP

In line with the [National Accounts Revisions Policy](#), the dataset is open to revision back to Quarter 1 (Jan to Mar) 2020 as part of this publication.

This release includes the processing and gross domestic product (GDP) balancing of a number of annual benchmarks for 2018 including the annual International Trade in Services Survey (ITIS).

Table 5: Revisions to quarter-on-quarter growth for components of GDP
Quarter 1 2020 to Quarter 3 2020

Percentage points

| | Q1 2020 | Q2 2020 | Q3 2020 |
|--|--------------------|--------------------|--------------------|
| Average GDP in chained volume measures | 0.1 | -0.2 | 0.1 |
| Output | | | |
| Production | -0.1 | -0.1 | 0.7 |
| Construction | 0.3 | 0.0 | -0.5 |
| Services | 0.2 | 0.8 | 0.0 |
| Expenditure | | | |
| Households | 0.3 | 1.2 | -0.2 |
| Non-profit institutions serving households | -0.2 | -0.5 | -0.2 |
| General government | 1.6 | -0.3 | 2.5 |
| Gross capital formation | -2.8 | -3.5 | 3.6 |
| Total exports | -0.7 | -1.8 | -0.7 |
| Total imports | -0.4 | 0.5 | 1.6 |
| Average GDP in current prices | -0.7 | 0.6 | -0.3 |
| Income | | | |
| Compensation of employees | 0.0 | 0.1 | -0.1 |
| Gross operating surplus of corporations | -2.1 | 0.5 | -1.1 |
| Other income | 0.0 | -0.2 | 0.1 |
| Taxes on products & production less subsidies | -0.1 | -1.2 | 661.3 |

Source: Office for National Statistics, GDP quarterly national accounts

Notes

1. Q1 refers to Quarter 1 (Jan to Mar) Q2 refers to Quarter 2 (Apr to June) Q3 refers to Quarter 3 (July to Sept) and Q4 refers to Quarter 4 (Oct to Dec).
2. Revisions are between the GDP quarterly national accounts published 22 December 2020 and first quarterly estimate published 12 February 2021

Quarter 1 (Jan to Mar) 2020

GDP growth in volume terms is now estimated to have fallen 2.9%, revised upwards by 0.1 percentage points from the previous estimate.

There have been upward revisions to the expenditure approach to measuring GDP, primarily as a result of revisions to household consumption and general government.

Quarter 2 (Apr to June) 2020

GDP growth in volume terms is now estimated to have fallen 19.0%, a downward revision of 0.2 percentage points from the previous estimate.

This is driven by downward revisions to the expenditure and income approaches to measuring GDP. The expenditure revisions are primarily a result of downward revisions to net trade and government consumption.

Quarter 3 (July to Sept) 2020

GDP growth in volume terms is now estimated to have increased 16.1%, revised upwards by 0.1 percentage points from the previous estimate.

In the output approach to measuring GDP, which is the lead measure in the latest two quarters, there has been an upward revision to services and production.

The revision to services is largely a result of health because of a combination of new data and reprofiling of adjustments to move in line with government expenditure.

8 . Related links

Release content

A number of other economic indicators were published on 12 February 2021, these include:

- [GDP monthly estimate, UK: December 2020](#)
- [Coronavirus and the impact on production and services, UK: December 2020](#)
- [Construction output in Great Britain: September 2020, new orders and Construction Output Price Indices, October to December 2020](#)
- [UK trade: December 2020](#)
- [Data for gross fixed capital formation \(GFCF\) by sector and asset, revision triangles and a real-time database](#)

All data in this bulletin are seasonally adjusted estimates. Non-seasonally adjusted data are available within the UK Economic Accounts (UKEA). These data can be downloaded directly from the [UKEA dataset](#) and on the [UKEA main aggregates](#) dataset table. Data published in the UKEA reflect data as published on 22 December 2020 and are consistent with the data in this release.

9 . Quality and methodology

More quality and methodology information on strengths, limitations, appropriate uses, and how the data were created is available in the [Gross domestic product \(GDP\) QMI](#).

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.

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.

Reaching the 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. In usual practice, for the periods prior to the latest two quarters, we aligned the approaches growth rates within a target of plus or minus 0.2 percentage points of the output growth within each quarter. With the large volatile movements in the GDP growth rates in 2020, we have taken the opportunity to review this target to adopt a more flexible target of the larger of plus or minus 0.2 percentage points, or 10% bound around the growth of output within each quarter to reflect the changing nature of the economy.

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 in this release](#), have a target limit of plus or minus £2,000 million on any quarter. However, in periods where the data sources are particularly difficult to balance, larger alignment adjustments are sometimes needed. We also have taken this opportunity to review these targets, understanding the need to adjust these to reflect a larger economy from when these original targets were set. As a result, we have changed the alignment adjustment tolerances to a target limit of plus or minus £3,000 million per quarter.

We faced additional challenges in the GDP quarterly national accounts release and as a result expenditure and income alignment adjustments for the quarters of 2019 do not sum to zero over the year. While this alignment adjustment adds to both expenditure and income GDP in 2019, it does not change the annual 2019 rate of GDP growth to 1 decimal place. For a list of series impacted please refer to the Notice page in [GDP quarterly national accounts data tables](#).

To achieve a balanced GDP dataset through alignment, balancing adjustments are applied to the components of GDP where required (Table 6). They are applied to the individual components where data content is particularly weak in a given quarter because of a higher level of forecast content.

Table 6: Balancing adjustments applied to the GDP first quarterly estimate dataset for Quarter 1 (Jan to Mar) 2020 to Quarter 4 (Oct to Dec) 2020

| GDP measurement approach and component adjustment applied to | | Q1 2020 | Q2 2020 | Q3 2020 | Q4 2020 |
|---|------------------------|----------------|----------------|----------------|----------------|
| Expenditure | | | | | |
| Change in inventories | Current prices | | -1450 | | 1000 |
| | Chained volume measure | | -1450 | | 1000 |
| Trade in Services (exports) | Current prices | | -1750 | | 1500 |
| | Chained volume measure | | -1750 | | 1500 |
| Trade in Services (imports) | Current prices | | 1000 | | |
| | Chained volume measure | | 1000 | | |
| Income | | | | | |
| FINCOS | Current prices | -500 | 1000 | 1800 | 1500 |
| PNFC GOS | Current prices | -400 | 2000 | 1800 | |

Source: Office for National Statistics - GDP First Quarterly Estimate

Notes

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

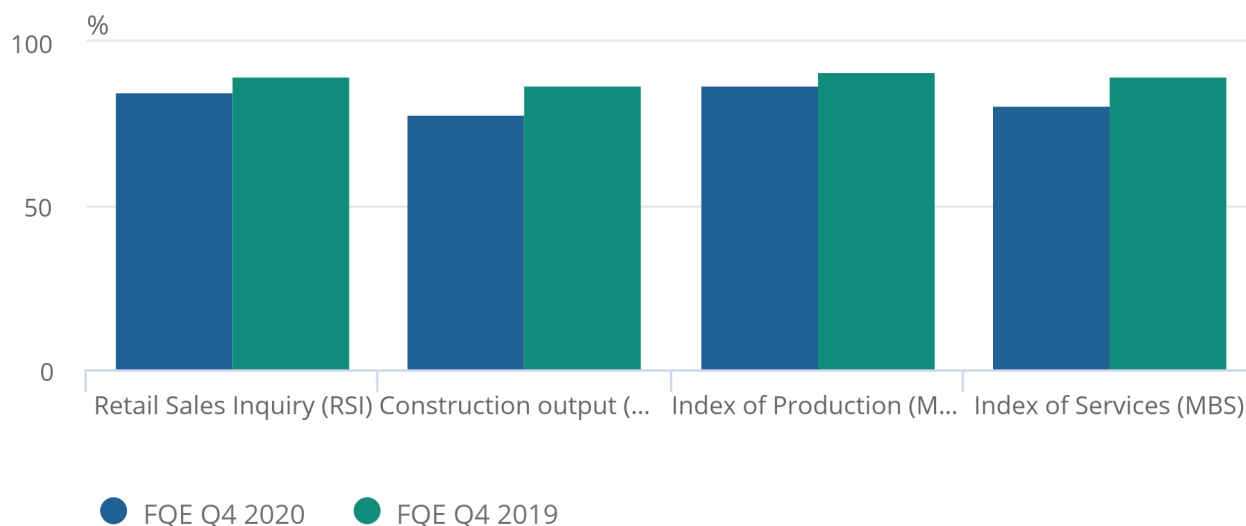
Coronavirus (COVID-19) impact on response rates

Figure 10: Response rates for surveys feeding into the output approach to GDP

Quarter 4 (July to Sept) 2020 and Quarter 4

Figure 10: Response rates for surveys feeding into the output approach to GDP

Quarter 4 (July to Sept) 2020 and Quarter 4



Source: Office for National Statistics – GDP first quarterly estimate

Notes:

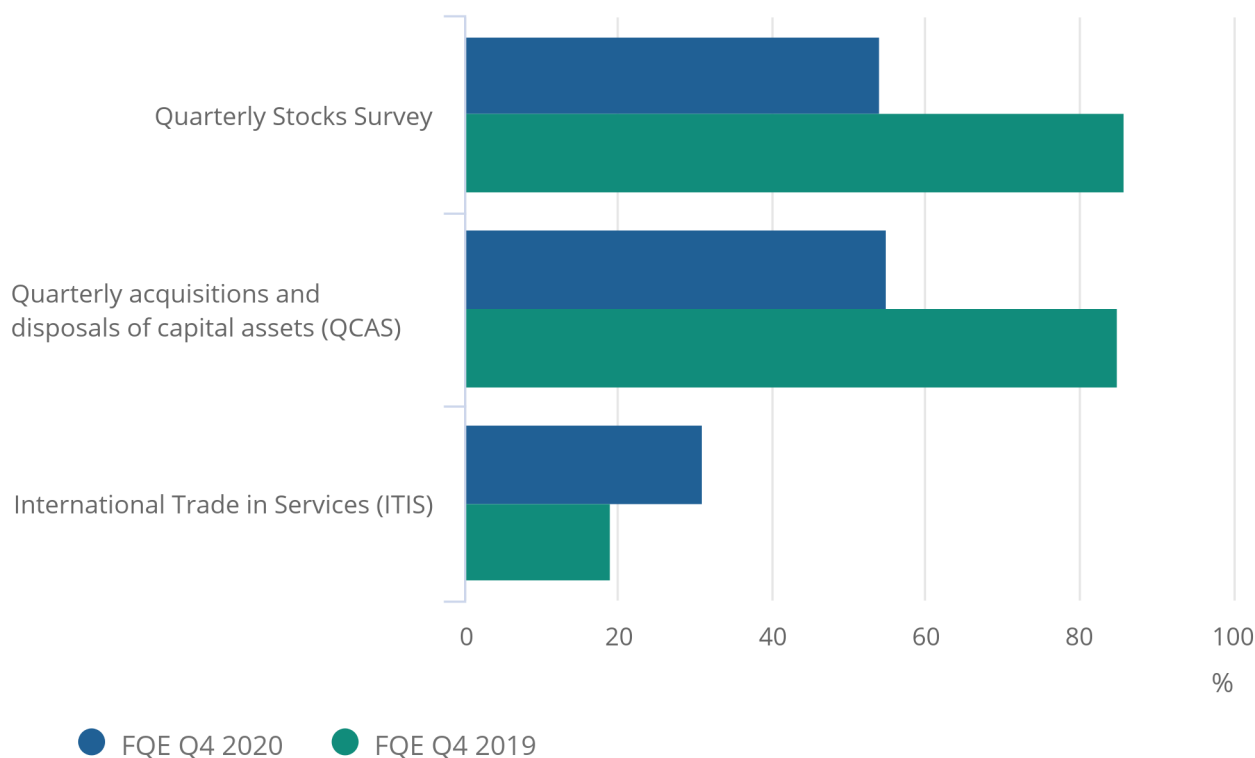
1. FQE refers to GDP first quarterly estimate. Q4 refers to Quarter 4 (Oct to Dec).
2. Chart shows Monthly Business Survey (MBS) and Retail Sales Index (RSI) turnover response rates.
3. For MBS and RSI, an average of the October, November and December response rates have been taken to produce the Quarter 4 response rate.

Figure 11: Response rates for surveys feeding into the expenditure approach to GDP

Quarter 4 (July to Sept) 2020 and Quarter 4 2019

Figure 11: Response rates for surveys feeding into the expenditure approach to GDP

Quarter 4 (July to Sept) 2020 and Quarter 4 2019



Source: Office for National Statistics – GDP first quarterly estimate

Notes:

1. FQE refers to GDP first quarterly estimate. Q4 refers to Quarter 4 (Oct to Dec).
2. Chart shows questionnaire response rates.

Figure 10 and Figure 11 highlight a general decline in response rates for surveys that feed into the GDP first quarterly estimate for Quarter 4 (July to Sept) 2020. We have undertaken a significant amount of work to ensure that the effect on the quality of our estimates is mitigated as much as possible.

This includes focusing resources on main respondents and industries, methodology reviews including, but not limited to, seasonal adjustment, forecast and imputation, and the use of additional sources of data (in quality assurance). More information on the measures taken can be found in Section 6 of [Coronavirus and the effects on UK GDP](#).

More information on [Monthly Business Survey response rates](#) by industry is available.

Quarterly Stocks Survey temporary expansion

The Quarterly Stocks Survey (formerly Inquiry) is used in the compilation of the changes in inventories component. To address users' concerns about the sample size of the survey and the potential impact on quality, we temporarily increased the sample size from 5,500 to 9,500 businesses from Quarter 2 (Apr to June) 2019. We have continued to boost the sample in subsequent quarters and will continue to do so until further notice.

A1 National accounts aggregates^{1,2}

2018 = 100

| | Value indices at current prices | | Chained volume indices | | | Implied deflators ³ | | |
|--|---|-----------------------------------|---|-----------------------------------|---------------------------------|--------------------------------|---|-----------------------------------|
| | Gross domestic product at market prices | Gross value added at basic prices | Gross domestic product at market prices | Gross value added at basic prices | 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 | 98.7 | 100.1 | 91.4 | 91.4 | 90.3 | 107.8 | 108.0 | 109.5 |
| Seasonally adjusted | | | | | | | | |
| 2018 Q3 | 100.7 | 100.7 | 100.4 | 100.3 | 100.4 | 100.4 | 100.4 | 100.4 |
| 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 | 102.8 | 103.7 | 98.8 | 98.9 | 98.4 | 103.6 | 104.0 | 104.8 |
| Q2 | 89.0 | 90.3 | 80.0 | 80.0 | 77.7 | 111.7 | 111.2 | 112.8 |
| Q3 | 100.6 | 102.3 | 92.9 | 92.9 | 92.5 | 108.0 | 108.3 | 110.1 |
| Q4 | 102.2 | 104.3 | 93.8 | 93.9 | 92.7 | 108.7 | 109.0 | 111.1 |
| Percentage change, latest year on previous year | | | | | | | | |
| | 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 | -3.4 | -9.9 | -10.0 | -10.8 | 5.5 | 5.7 | 7.3 |
| Percentage change, latest quarter on previous quarter | | | | | | | | |
| | IHYN | KGL8 | IHYQ | KGM9 | | KH7E | IHYT | KGM5 |
| 2018 Q3 | 1.2 | 1.5 | 0.6 | 0.7 | 0.6 | 0.7 | 0.6 | 0.8 |
| 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 | -1.6 | -1.1 | -2.9 | -2.9 | -2.7 | 1.4 | 1.3 | 1.9 |
| Q2 | -13.5 | -12.9 | -19.0 | -19.1 | -21.1 | 7.8 | 6.9 | 7.7 |
| Q3 | 13.1 | 13.3 | 16.1 | 16.1 | 19.1 | -3.3 | -2.6 | -2.4 |
| Q4 | 1.6 | 1.9 | 1.0 | 1.0 | 0.2 | 0.6 | 0.6 | 0.9 |
| Percentage change, latest quarter on corresponding quarter of previous year | | | | | | | | |
| | IHYO | KGM2 | IHYR | KGN3 | L48D | KH7F | IHYU | KGM6 |
| 2018 Q3 | 4.2 | 4.4 | 1.4 | 1.5 | 1.8 | 2.4 | 2.8 | 2.9 |
| 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 | 0.3 | 1.0 | -2.2 | -2.2 | -2.8 | 2.2 | 2.6 | 3.3 |
| Q2 | -13.7 | -12.3 | -21.0 | -21.1 | -23.1 | 9.6 | 9.2 | 11.1 |
| Q3 | -3.5 | -2.0 | -8.7 | -8.8 | -8.8 | 4.9 | 5.7 | 7.5 |
| Q4 | -2.1 | -0.5 | -7.8 | -7.9 | -8.4 | 6.3 | 6.1 | 8.0 |

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 sum of expenditure components of GDP at current prices and at chained volume terms.

A2 National accounts aggregates¹

£ million

| | Current prices | | | Chained volume measures (Reference year 2018) | | | |
|--|---|--|-----------------------------------|---|--|-----------------------------------|--|
| | Gross domestic product at market prices | less Basic price adjustment ² | Gross value added at basic prices | Gross domestic product at market prices | less Basic price adjustment ² | Gross value added at basic prices | Gross value added excluding oil & gas ³ |
| | YBHA | NTAP | ABML | ABMI | NTAO | ABMM | KLS2 |
| 2018 | 2 141 792 | 231 545 | 1 910 247 | 2 141 792 | 231 545 | 1 910 247 | 1 892 165 |
| 2019 | 2 218 439 | 237 471 | 1 980 968 | 2 172 511 | 231 829 | 1 940 682 | 1 922 733 |
| 2020 | 2 113 046 | 200 102 | 1 912 944 | 1 956 992 | 210 194 | 1 746 798 | 1 730 686 |
| Seasonally adjusted | | | | | | | |
| 2018 Q3 | 539 287 | 58 194 | 481 093 | 537 326 | 58 130 | 479 196 | 474 503 |
| 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 | 550 426 | 55 225 | 495 201 | 529 031 | 56 514 | 472 517 | 468 309 |
| Q2 | 476 392 | 45 263 | 431 129 | 428 307 | 46 174 | 382 133 | 377 969 |
| Q3 | 538 867 | 50 276 | 488 591 | 497 401 | 53 578 | 443 823 | 439 818 |
| Q4 | 547 361 | 49 338 | 498 023 | 502 253 | 53 928 | 448 325 | 444 590 |
| Percentage change, latest year on previous year | | | | | | | |
| | IHYM | | KGL6 | IHYP | | KGM7 | KLH8 |
| 2018 | 3.5 | | 3.6 | 1.3 | | 1.3 | 1.3 |
| 2019 | 3.6 | | 3.7 | 1.4 | | 1.6 | 1.6 |
| 2020 | -4.8 | | -3.4 | -9.9 | | -10.0 | -10.0 |
| Percentage change, latest quarter on previous quarter | | | | | | | |
| | IHYN | | KGL8 | IHYQ | | KGM9 | |
| 2018 Q3 | 1.2 | | 1.5 | 0.6 | | 0.7 | 0.6 |
| Q4 | 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 | -1.6 | | -1.1 | -2.9 | | -2.9 | -2.9 |
| Q2 | -13.5 | | -12.9 | -19.0 | | -19.1 | -19.3 |
| Q3 | 13.1 | | 13.3 | 16.1 | | 16.1 | 16.4 |
| Q4 | 1.6 | | 1.9 | 1.0 | | 1.0 | 1.1 |
| Percentage change, latest quarter on corresponding quarter of previous year | | | | | | | |
| | IHYO | | KGM2 | IHYR | | KGN3 | KLH9 |
| 2018 Q3 | 4.2 | | 4.4 | 1.4 | | 1.5 | 1.4 |
| Q4 | 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 | 0.3 | | 1.0 | -2.2 | | -2.2 | -2.2 |
| Q2 | -13.7 | | -12.3 | -21.0 | | -21.1 | -21.2 |
| Q3 | -3.5 | | -2.0 | -8.7 | | -8.8 | -8.8 |
| Q4 | -2.1 | | -0.5 | -7.8 | | -7.9 | -7.8 |

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

2 Taxes on products less subsidies.

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

B1

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

2018 = 100

| | Production | | | | | | Service industries | | | | | | Gross value added ⁴ | Gross value added excluding oil & gas |
|--|-------------------------------------|--|----------------|----------------------------|------------------------|-------|--------------------|--------------------------------------|---------------------------------------|-------------------------------|--------------------------------|-------|--------------------------------|---------------------------------------|
| | Agri-culture, forestry, and fishing | Mining & quarrying inc oil & gas extract | Manu-facturing | Electric, gas, steam & air | Water supply, sewerage | Total | Constr-uction | Distri-bution, hotels & restaura-nts | Transport storage and commu-nications | Business services and finance | Govern-ment and other services | Total | | |
| 2018 Weights³ | 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 | 96.3 | 89.7 | 88.5 | 96.5 | 98.6 | 90.4 | 89.1 | 87.2 | 93.5 | 95.3 | 91.7 | 92.7 | 91.4 | 91.5 |
| Seasonally adjusted | | | | | | | | | | | | | | |
| 2018 Q3 | 99.8 | 103.6 | 100.2 | 99.6 | 100.7 | 100.4 | 100.9 | 100.9 | 100.6 | 100.1 | 100.0 | 100.3 | 100.3 | 100.3 |
| 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 | 104.3 | 93.6 | 95.0 | 98.3 | 100.2 | 95.7 | 98.7 | 97.4 | 101.5 | 100.2 | 98.8 | 99.5 | 98.9 | 99.0 |
| Q2 | 90.2 | 91.0 | 75.1 | 91.7 | 94.5 | 79.9 | 66.4 | 64.8 | 85.2 | 90.2 | 79.1 | 82.2 | 80.0 | 79.9 |
| Q3 | 95.1 | 89.8 | 90.5 | 99.0 | 99.5 | 92.1 | 93.4 | 96.8 | 92.8 | 94.7 | 92.9 | 94.3 | 92.9 | 93.0 |
| Q4 | 95.8 | 84.4 | 93.5 | 97.2 | 100.4 | 93.7 | 97.8 | 89.9 | 94.6 | 96.0 | 96.2 | 94.8 | 93.9 | 94.0 |
| Percentage change, latest year on previous year | | | | | | | | | | | | | | |
| | 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 | -9.4 | -9.5 | -9.9 | -4.5 | -1.7 | -8.6 | -12.5 | -14.9 | -11.1 | -5.2 | -9.8 | -8.9 | -10.0 | -10.0 |
| Percentage change, latest quarter on previous quarter | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | KGM9 | |
| 2018 Q3 | 0.7 | 3.3 | -0.1 | 1.3 | 0.6 | 0.3 | 0.9 | 1.2 | 1.6 | 0.4 | 0.4 | 0.7 | 0.7 | 0.6 |
| 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 | -4.8 | -2.0 | -4.8 | 0.4 | -2.3 | -1.8 | -5.0 | -3.9 | -0.7 | -3.8 | -2.7 | -2.9 | -2.9 |
| Q2 | -13.6 | -2.8 | -20.9 | -6.7 | -5.7 | -16.5 | -32.7 | -33.5 | -16.1 | -9.9 | -19.9 | -17.4 | -19.1 | -19.3 |
| Q3 | 5.5 | -1.4 | 20.5 | 8.0 | 5.3 | 15.4 | 40.7 | 49.4 | 9.0 | 5.0 | 17.3 | 14.7 | 16.1 | 16.4 |
| Q4 | 0.7 | -5.9 | 3.3 | -1.9 | 1.0 | 1.8 | 4.6 | -7.1 | 2.0 | 1.4 | 3.6 | 0.6 | 1.0 | 1.1 |
| Percentage change, latest quarter on corresponding quarter of previous year | | | | | | | | | | | | | | |
| | L3ZZ | L427 | L42D | L44C | L44G | L426 | L44M | L47F | KI12 | KI19 | KI18 | L44Q | KGN3 | KLH9 |
| 2018 Q3 | -4.2 | 7.1 | 1.3 | -2.7 | -0.3 | 1.2 | 0.8 | 3.0 | 3.7 | 1.1 | 0.5 | 1.6 | 1.5 | 1.4 |
| 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 | -6.3 | -5.7 | -0.7 | 0.7 | -4.6 | -3.4 | -4.7 | -2.8 | - | -2.0 | -1.8 | -2.2 | -2.2 |
| Q2 | -14.3 | -7.1 | -23.4 | -10.6 | -6.8 | -19.2 | -35.0 | -36.8 | -18.9 | -9.9 | -21.9 | -19.0 | -21.1 | -21.2 |
| Q3 | -11.7 | -10.5 | -7.1 | -0.8 | -1.4 | -6.2 | -8.8 | -5.7 | -12.3 | -6.2 | -8.8 | -7.7 | -8.8 | -8.8 |
| Q4 | -12.1 | -14.1 | -3.5 | -5.8 | 0.7 | -4.2 | -2.8 | -12.3 | -10.4 | -4.8 | -6.4 | -7.3 | -7.9 | -7.8 |

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

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

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

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

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

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

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 ⁴ | Total services |
| 2018 Weights³ | 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 | 95.6 | 93.5 | 57.4 | 94.1 | 99.4 | 91.6 | 104.3 | 90.3 | 92.8 | 75.0 | 92.7 |
| Seasonally adjusted | | | | | | | | | | | |
| 2018 Q3 | 101.1 | 100.6 | 100.3 | 99.9 | 99.9 | 100.4 | 100.6 | 99.6 | 99.9 | 100.2 | 100.3 |
| 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 | 99.0 | 101.5 | 91.8 | 96.1 | 101.0 | 101.5 | 103.4 | 96.7 | 99.1 | 95.0 | 99.5 |
| Q2 | 78.9 | 85.2 | 14.6 | 92.3 | 98.4 | 80.6 | 104.1 | 74.2 | 78.5 | 54.8 | 82.2 |
| Q3 | 103.3 | 92.8 | 73.6 | 94.1 | 99.1 | 90.6 | 104.7 | 92.6 | 92.9 | 77.4 | 94.3 |
| Q4 | 101.3 | 94.6 | 49.5 | 94.1 | 99.3 | 93.7 | 105.1 | 97.8 | 100.6 | 72.8 | 94.8 |
| Percentage change, latest year on previous year | | | | | | | | | | | |
| | 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 | -6.7 | -11.1 | -44.0 | -3.4 | -1.2 | -10.3 | 2.1 | -12.2 | -8.2 | -25.2 | -8.9 |
| Percentage change, latest quarter on previous quarter | | | | | | | | | | | |
| 2018 Q3 | 1.3 | 1.6 | 0.7 | -0.3 | 0.3 | 1.0 | 1.2 | -0.1 | 0.5 | -0.3 | 0.7 |
| 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 | -3.5 | -3.9 | -10.5 | -0.8 | 0.2 | -1.6 | 0.4 | -7.6 | -2.3 | -6.6 | -2.7 |
| Q2 | -20.3 | -16.1 | -84.1 | -4.0 | -2.5 | -20.6 | 0.7 | -23.3 | -20.8 | -42.3 | -17.4 |
| Q3 | 30.9 | 9.0 | 403.3 | 1.9 | 0.7 | 12.3 | 0.6 | 24.8 | 18.4 | 41.1 | 14.7 |
| Q4 | -1.9 | 2.0 | -32.8 | - | 0.2 | 3.4 | 0.4 | 5.6 | 8.2 | -5.8 | 0.6 |
| Percentage change, latest quarter on corresponding quarter of the previous year | | | | | | | | | | | |
| | L44S | KI12 | L456 | L45K | L45Q | L45V | L46M | L46O | L46Q | L47J | L44Q |
| 2018 Q3 | 3.5 | 3.7 | 1.3 | -0.9 | -0.6 | 3.8 | 1.2 | -0.2 | 0.4 | 0.7 | 1.6 |
| 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 | -2.8 | -10.5 | -2.0 | 0.6 | 0.3 | 1.8 | -4.6 | -1.4 | -4.5 | -1.8 |
| Q2 | -23.0 | -18.9 | -85.7 | -4.7 | -2.2 | -20.5 | 2.2 | -27.7 | -22.2 | -44.8 | -19.0 |
| Q3 | 0.6 | -12.3 | -28.1 | -3.8 | -1.5 | -12.0 | 2.5 | -10.1 | -8.5 | -22.9 | -7.7 |
| Q4 | -1.2 | -10.4 | -51.8 | -2.9 | -1.5 | -9.2 | 2.0 | -6.6 | -0.9 | -28.4 | -7.3 |

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

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

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

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

C1 Gross domestic product: expenditure at current market prices¹

£ million

| National expenditure on goods and services at market prices | | | | | | | | | | | | | | | | |
|---|------------|--------------------------------------|-------------------------|-------------------------------|---|------------------------------------|-------------------------------|---|-------------|---------|-------------------------|--------------|----------------------------|---------------------------------------|---|--|
| Final consumption expenditure | | | Gross capital formation | | | | | | | | | | | | | |
| | Households | Non-profit institutions ² | General government | Gross fixed capital formation | Of which business investment ³ | Change in inventories ⁴ | Of which alignment adjustment | Acquisitions less disposals of valuables ⁵ | Total | Exports | Gross final expenditure | less imports | Trade balance ⁶ | Statistical discrepancy (expenditure) | Gross domestic product at market prices | |
| | ABJQ | HAYE | NMRP | NPQS | NPEK | CAEX | DMUN | NPJQ | YBIL | IKBH | ABMF | IKBI | IKBJ | GIXM | YBHA | |
| 2018 | 1 335 216 | 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 | 1 229 034 | 53 126 | 488 898 | 370 362 | 202 943 | -11 167 | - | -5 856 2 | 124 397 571 | 725 2 | 696 122 581 290 | -9 565 | -1 786 | - | 2 113 046 | |
| Seasonally adjusted | | | | | | | | | | | | | | | | |
| 2018 Q3 | 335 092 | 12 685 | 100 053 | 95 729 | 53 010 | -918 | -813 | 965 | 543 606 | 168 094 | 711 700 172 413 | -4 319 | - | - | 539 287 | |
| 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 | 335 591 | 13 425 | 108 023 | 98 870 | 56 208 | -3 490 | 1 492 | -96 | 552 323 | 157 432 | 709 755 158 021 | -589 | -1 308 | - | 550 426 | |
| Q2 | 262 448 | 13 212 | 123 547 | 79 205 | 44 298 | -4 998 | -3 083 | -9 315 | 464 099 | 137 800 | 601 899 125 362 | 12 438 | -145 | - | 476 392 | |
| Q3 | 316 550 | 13 262 | 123 904 | 94 923 | 50 770 | -6 214 | -1 403 | 505 | 542 930 | 137 894 | 680 824 141 791 | -3 897 | -166 | - | 538 867 | |
| Q4 | 314 445 | 13 227 | 133 424 | 97 364 | 51 667 | 3 535 | 2 994 | 3 050 | 565 045 | 138 599 | 703 644 156 116 | -17 517 | -167 | - | 547 361 | |
| Percentage change, latest year on previous year | | | | | | | | | | | | | | | | |
| | KG77 | KGZ8 | KH2C | KG6O | KG6N | | | | KGX3 | KH2O | KG7V | 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 | -10.1 | 1.4 | 15.5 | -7.3 | -9.4 | | | | -5.6 | -17.1 | -8.3 | -18.9 | | | -4.8 | |
| Percentage change, latest quarter on previous quarter | | | | | | | | | | | | | | | | |
| | KG78 | KGZ9 | KH2D | KG6W | KG6V | | | | KGX4 | KH2P | KG78 | KH3I | | | IHYN | |
| 2018 Q3 | 0.7 | 1.0 | 1.3 | 0.9 | -1.4 | | | | 0.9 | 3.4 | 1.5 | 2.3 | | | 1.2 | |
| 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 | -2.2 | 0.4 | 0.1 | -1.0 | -0.6 | | | | 0.6 | -13.8 | -3.0 | -7.3 | | | -1.6 | |
| Q2 | -21.8 | -1.6 | 14.4 | -19.9 | -21.2 | | | | -16.0 | -12.5 | -15.2 | -20.7 | | | -13.5 | |
| Q3 | 20.6 | 0.4 | 0.3 | 19.8 | 14.6 | | | | 17.0 | 0.1 | 13.1 | 13.1 | | | 13.1 | |
| Q4 | -0.7 | -0.3 | 7.7 | 2.6 | 1.8 | | | | 4.1 | 0.5 | 3.4 | 10.1 | | | 1.6 | |
| Percentage change, latest quarter on corresponding quarter of previous year | | | | | | | | | | | | | | | | |
| | KG79 | KH22 | KH2E | KG76 | KG75 | | | | KGX5 | KH2Q | KG79 | KH3J | | | IHYO | |
| 2018 Q3 | 3.9 | 6.2 | 3.3 | 2.6 | -1.9 | | | | 3.7 | 6.5 | 4.4 | 5.0 | | | 4.2 | |
| 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 | -1.0 | 4.9 | 3.6 | -0.4 | 2.8 | | | | -3.7 | -4.2 | -3.8 | -16.4 | | | 0.3 | |
| Q2 | -23.2 | 1.4 | 18.7 | -20.6 | -21.1 | | | | -17.5 | -17.6 | -17.5 | -29.0 | | | -13.7 | |
| Q3 | -8.0 | 0.4 | 15.9 | -5.6 | -10.4 | | | | -3.8 | -21.3 | -8.0 | -21.5 | | | -3.5 | |
| Q4 | -8.4 | -1.1 | 23.6 | -2.5 | -8.7 | | | | 2.9 | -24.1 | -3.8 | -8.5 | | | -2.1 | |

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.

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

Reference year 2018, £ million

| National expenditure on goods and services at market prices | | | | | | | | | | | | | | | |
|--|------------|--------------------------------------|---------------------------------|-------------------------------|---|------------------------------------|-------------------------------|---|-------------|---------|-------------------------|--------------|----------------------------|---------------------------------------|---|
| Final consumption expenditure | | | Gross capital formation | | | | | | | | | | | | |
| | Households | Non-profit institutions ² | General government ⁷ | Gross fixed capital formation | Of which business investment ³ | Change in inventories ⁴ | Of which alignment adjustment | Acquisitions less disposals of valuables ⁵ | Total | Exports | Gross final expenditure | less imports | Trade balance ⁶ | 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 | 1 205 690 | 41 328 | 390 760 | 353 449 | 194 069 | -12 551 | - | -7 692 1 | 970 985 565 | 619 2 | 536 604 577 | 919 | -12 300 | -1 693 | 1 956 992 |
| Seasonally adjusted | | | | | | | | | | | | | | | |
| 2018 Q3 | 334 326 | 12 637 | 99 446 | 95 556 | 53 209 | -2 087 | -806 | 684 | 541 411 | 166 934 | 708 329 | 171 007 | -4 073 | - | 537 326 |
| 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 | 328 097 | 12 306 | 101 822 | 94 784 | 54 322 | -3 334 | 1 408 | -693 | 532 983 | 154 158 | 687 141 | 156 853 | -2 695 | -1 257 | 529 031 |
| Q2 | 259 263 | 9 290 | 86 776 | 75 398 | 42 293 | -6 201 | -2 799 | -9 198 | 415 328 | 138 121 | 553 449 | 125 012 | 13 109 | -130 | 428 307 |
| Q3 | 309 400 | 9 890 | 97 934 | 90 684 | 48 422 | -5 617 | -1 328 | 348 | 502 639 | 136 603 | 639 242 | 141 688 | -5 085 | -153 | 497 401 |
| Q4 | 308 930 | 9 842 | 104 228 | 92 583 | 49 032 | 2 601 | 2 719 | 1 851 | 520 035 | 136 737 | 656 772 | 154 366 | -17 629 | -153 | 502 253 |
| Percentage change, latest year on previous year | | | | | | | | | | | | | | | |
| | KGZ5 | KH26 | KH2I | KG7N | KG7M | | | | KGX9 | KH2U | KGW5 | KH3N | | | IHPY |
| 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 | -10.7 | -19.3 | -5.7 | -8.7 | -10.7 | | | | -10.5 | -16.7 | -12.0 | -18.1 | | | -9.9 |
| Percentage change, latest quarter on previous quarter | | | | | | | | | | | | | | | |
| | KGZ6 | KH27 | KH2J | KG7Q | KG7P | | | | KGY2 | KH2V | KGW6 | KH3O | | | IHYQ |
| 2018 Q3 | 0.5 | 0.8 | 0.5 | 0.4 | -1.4 | | | | 0.1 | 2.6 | 0.7 | 1.1 | | | 0.6 |
| 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 | -2.7 | -5.3 | -1.8 | -1.2 | -0.6 | | | | -0.8 | -13.8 | -4.0 | -7.4 | | | -2.9 |
| Q2 | -21.0 | -24.5 | -14.8 | -20.5 | -22.1 | | | | -22.1 | -10.4 | -19.5 | -20.3 | | | -19.0 |
| Q3 | 19.3 | 6.5 | 12.9 | 20.3 | 14.5 | | | | 21.0 | -1.1 | 15.5 | 13.3 | | | 16.1 |
| Q4 | -0.2 | -0.5 | 6.4 | 2.1 | 1.3 | | | | 3.5 | 0.1 | 2.7 | 8.9 | | | 1.0 |
| Percentage change, latest quarter on corresponding quarter of previous year | | | | | | | | | | | | | | | |
| | KGZ7 | KH28 | KH2K | KG7T | KG7S | | | | KGY3 | KH2W | KGW7 | KH3P | | | IHYR |
| 2018 Q3 | 1.4 | 4.8 | 0.3 | 0.6 | -3.4 | | | | 1.3 | 1.9 | 1.4 | 1.5 | | | 1.4 |
| 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 | -2.4 | -3.8 | -0.4 | -2.6 | 1.0 | | | | -5.8 | -6.4 | -5.9 | -17.1 | | | -2.2 |
| Q2 | -23.3 | -26.3 | -17.1 | -21.7 | -21.8 | | | | -24.7 | -15.5 | -22.6 | -27.4 | | | -21.0 |
| Q3 | -8.6 | -22.9 | -5.6 | -7.0 | -11.6 | | | | -8.3 | -20.7 | -11.3 | -19.0 | | | -8.7 |
| Q4 | -8.4 | -24.3 | 0.5 | -3.5 | -10.3 | | | | -3.2 | -23.5 | -8.3 | -8.9 | | | -7.8 |

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

2 Non-profit institutions serving households.

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

4 Quarterly alignment adjustment included in this series.

5 Acquisitions less disposals of valuables can be a volatile series due to the inclusion of non-monetary gold, but any volatility is likely to be GDP neutral as this is offset in UK trade figures. During quality assurance we identified an inconsistent use of deflator for estimates of non-monetary gold between valuables and trade. There is no impact on headline GDP. We will align these deflators at the next available opportunity.

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 prices¹

£ million

| | Compensation of employees | | Gross operating surplus of corporations | | | | | | | Gross value added at factor cost | Taxes on products & production less subsidies | Statistical discrepancy (income) | Gross domestic product at market prices |
|--|---------------------------|--------------------------------|---|---|-------------------------------|------------------------|---------------------|--------------------|---------------------------|----------------------------------|---|----------------------------------|---|
| | Wages and Salaries | Employers social contributions | Total | Private non-financial corporations ² | Of which alignment adjustment | Financial corporations | Public corporations | Total ³ | Other income ⁴ | | | | |
| | DTWL | DTWP | DTWM | CAER | DMUQ | NHCZ | CAEQ | CGBZ | CGBX | CGCB | CMVL | GIXQ | YBHA |
| 2018 | 866 970 | 181 274 | 1 048 244 | 388 598 | — | 54 706 | 11 065 | 454 369 | 380 590 | 1 883 203 | 258 589 | — | 2 141 792 |
| 2019 | 898 974 | 199 602 | 1 098 576 | 396 362 | 565 | 53 948 | 11 374 | 461 684 | 392 878 | 1 953 138 | 264 766 | 535 | 2 218 439 |
| 2020 | 913 840 | 215 238 | 1 129 078 | .. | — | .. | .. | 448 093 | 384 155 | 1 961 326 | 134 911 | 16 809 | 2 113 046 |
| Seasonally adjusted | | | | | | | | | | | | | |
| 2018 Q3 | 217 806 | 46 070 | 263 876 | 99 298 | 736 | 12 686 | 2 715 | 114 699 | 95 761 | 474 336 | 64 951 | — | 539 287 |
| Q4 | 220 378 | 47 426 | 267 804 | 95 102 | -1 837 | 13 378 | 2 719 | 111 199 | 97 354 | 476 357 | 65 313 | — | 541 670 |
| 2019 Q1 | 220 890 | 47 322 | 268 212 | 100 513 | 554 | 14 412 | 2 610 | 117 535 | 98 528 | 484 275 | 64 508 | 19 | 548 802 |
| Q2 | 224 135 | 49 890 | 274 025 | 96 794 | -374 | 11 801 | 2 805 | 111 400 | 98 158 | 483 583 | 68 057 | 324 | 551 964 |
| Q3 | 226 146 | 50 717 | 276 863 | 101 068 | 845 | 13 231 | 2 961 | 117 260 | 97 721 | 491 844 | 66 755 | -313 | 558 286 |
| Q4 | 227 803 | 51 673 | 279 476 | 97 987 | -460 | 14 504 | 2 998 | 115 489 | 98 471 | 493 436 | 65 446 | 505 | 559 387 |
| 2020 Q1 | 228 644 | 52 412 | 281 056 | 94 068 | -2 654 | 15 066 | 2 824 | 111 958 | 97 542 | 490 556 | 58 622 | 1 248 | 550 426 |
| Q2 | 221 564 | 51 980 | 273 544 | 87 807 | -1 500 | 12 595 | 2 132 | 102 534 | 93 924 | 470 002 | 1 647 | 4 743 | 476 392 |
| Q3 | 229 353 | 54 513 | 283 866 | 100 127 | 2 825 | 14 681 | 2 161 | 116 969 | 95 752 | 496 587 | 36 917 | 5 363 | 538 867 |
| Q4 | 234 279 | 56 333 | 290 612 | .. | 1 329 | .. | .. | 116 632 | 96 937 | 504 181 | 37 725 | 5 455 | 547 361 |
| Percentage change, latest year on previous year | | | | | | | | | | | | | |
| | CWNH | CWNE | KGI3 | KH59 | | KH5L | KH53 | KH4V | KH6T | KH6N | KH65 | | IHYM |
| 2018 | 4.4 | 2.7 | 4.1 | 3.9 | | 2.3 | -33.9 | 2.3 | 3.9 | 3.6 | 2.9 | | 3.5 |
| 2019 | 3.7 | 10.1 | 4.8 | 2.0 | | -1.4 | 2.8 | 1.6 | 3.2 | 3.7 | 2.4 | | 3.6 |
| 2020 | 1.7 | 7.8 | 2.8 | .. | | .. | .. | -2.9 | -2.2 | 0.4 | -49.0 | | -4.8 |
| Percentage change, latest quarter on previous quarter | | | | | | | | | | | | | |
| | CWNI | CWNI | KGI4 | KH5A | | KH5M | KH54 | KH4W | KH6U | KH6O | KH66 | | IHYN |
| 2018 Q3 | 1.3 | 4.0 | 1.8 | 3.5 | | -12.5 | -4.1 | 1.3 | 1.2 | 1.5 | -1.2 | | 1.2 |
| Q4 | 1.2 | 2.9 | 1.5 | -4.2 | | 5.5 | 0.1 | -3.1 | 1.7 | 0.4 | 0.6 | | 0.4 |
| 2019 Q1 | 0.2 | -0.2 | 0.2 | 5.7 | | 7.7 | -4.0 | 5.7 | 1.2 | 1.7 | -1.2 | | 1.3 |
| Q2 | 1.5 | 5.4 | 2.2 | -3.7 | | -18.1 | 7.5 | -5.2 | -0.4 | -0.1 | 5.5 | | 0.6 |
| Q3 | 0.9 | 1.7 | 1.0 | 4.4 | | 12.1 | 5.6 | 5.3 | -0.4 | 1.7 | -1.9 | | 1.1 |
| Q4 | 0.7 | 1.9 | 0.9 | -3.0 | | 9.6 | 1.2 | -1.5 | 0.8 | 0.3 | -2.0 | | 0.2 |
| 2020 Q1 | 0.4 | 1.4 | 0.6 | -4.0 | | 3.9 | -5.8 | -3.1 | -0.9 | -0.6 | -10.4 | | -1.6 |
| Q2 | -3.1 | -0.8 | -2.7 | -6.7 | | -16.4 | -24.5 | -8.4 | -3.7 | -4.2 | -97.2 | | -13.5 |
| Q3 | 3.5 | 4.9 | 3.8 | 14.0 | | 16.6 | 1.4 | 14.1 | 1.9 | 5.7 | 2 141.5 | | 13.1 |
| Q4 | 2.1 | 3.3 | 2.4 | .. | | .. | .. | -0.3 | 1.2 | 1.5 | 2.2 | | 1.6 |
| Percentage change, latest quarter on corresponding quarter of previous year | | | | | | | | | | | | | |
| | CWNJ | CWNG | KGI5 | KH5B | | KH5N | KH55 | KH4X | KH6V | KH6P | KH67 | | IHYO |
| 2018 Q3 | 4.4 | 3.2 | 4.2 | 7.9 | | -0.3 | -37.0 | 5.2 | 4.7 | 4.5 | 2.0 | | 4.2 |
| Q4 | 4.5 | 8.7 | 5.2 | -2.0 | | -6.5 | -25.3 | -3.3 | 5.6 | 3.2 | 2.7 | | 3.1 |
| 2019 Q1 | 3.3 | 8.8 | 4.2 | 2.3 | | 1.9 | -6.8 | 2.0 | 6.2 | 4.1 | 3.1 | | 4.0 |
| Q2 | 4.3 | 12.6 | 5.7 | 0.9 | | -18.6 | -0.9 | -1.6 | 3.7 | 3.5 | 3.5 | | 3.6 |
| Q3 | 3.8 | 10.1 | 4.9 | 1.8 | | 4.3 | 9.1 | 2.2 | 2.0 | 3.7 | 2.8 | | 3.5 |
| Q4 | 3.4 | 9.0 | 4.4 | 3.0 | | 8.4 | 10.3 | 3.9 | 1.1 | 3.6 | 0.2 | | 3.3 |
| 2020 Q1 | 3.5 | 10.8 | 4.8 | -6.4 | | 4.5 | 8.2 | -4.7 | -1.0 | 1.3 | -9.1 | | 0.3 |
| Q2 | -1.1 | 4.2 | -0.2 | -9.3 | | 6.7 | -24.0 | -8.0 | -4.3 | -2.8 | -97.6 | | -13.7 |
| Q3 | 1.4 | 7.5 | 2.5 | -0.9 | | 11.0 | -27.0 | -0.2 | -2.0 | 1.0 | -44.7 | | -3.5 |
| Q4 | 2.8 | 9.0 | 4.0 | .. | | .. | .. | 1.0 | -1.6 | 2.2 | -42.4 | | -2.1 |

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

2 Quarterly alignment adjustment included in this series.

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

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

E1 Household final consumption expenditure by purpose

Current prices

£ million

| UK NATIONAL ² | | | | | | | | | | | | | | | | |
|--|-----------|-------------|-----------|--------------|-------------------|---------------------|---------|----------------------------|--------|-----------|---------------|----------------------|-----------|----------------------|---------------|------|
| UK DOMESTIC ³ | | | | | | | | | | | | | | | | |
| | Total | Net tourism | Total | Food & drink | Alcohol & tobacco | Clothing & footwear | Housing | Household goods & services | Health | Transport | Communication | Recreation & culture | Education | Restaurants & hotels | Miscellaneous | |
| COICOP ¹ | - | - | 0 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | |
| | ABJQ | ABTF | ZAKV | ZWUM | ZAKX | ZAKZ | ZAVN | ZAVV | ZAWB | ZAWL | ZAWV | ZAWZ | ZWUS | ZAXR | ZAYF | |
| 2018 | 1 335 216 | 16 416 | 1 318 800 | 104 927 | 44 350 | 67 160 | 340 229 | 61 016 | 24 528 | 182 917 | 22 334 | 145 233 | 30 889 | 129 392 | 165 825 | |
| 2019 | 1 367 861 | 17 164 | 1 350 697 | 107 289 | 43 555 | 72 235 | 347 789 | 59 418 | 26 756 | 186 737 | 22 132 | 151 097 | 32 601 | 133 779 | 167 309 | |
| 2020 | 1 229 034 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | |
| Seasonally adjusted | | | | | | | | | | | | | | | | |
| 2018 Q3 | 335 092 | 4 331 | 330 761 | 26 296 | 11 203 | 16 838 | 85 143 | 15 545 | 6 206 | 45 557 | 5 555 | 36 303 | 7 782 | 32 298 | 42 035 | |
| Q4 | 337 286 | 4 076 | 333 210 | 26 560 | 11 128 | 17 166 | 85 783 | 15 276 | 6 236 | 46 278 | 5 561 | 36 247 | 7 888 | 33 020 | 42 067 | |
| 2019 Q1 | 338 837 | 4 333 | 334 504 | 26 554 | 10 997 | 17 652 | 85 957 | 15 070 | 6 497 | 46 042 | 5 520 | 37 003 | 7 983 | 33 024 | 42 205 | |
| Q2 | 341 615 | 4 493 | 337 122 | 26 720 | 10 834 | 18 090 | 87 361 | 15 000 | 6 665 | 46 515 | 5 531 | 37 591 | 8 090 | 33 266 | 41 459 | |
| Q3 | 344 185 | 5 092 | 339 093 | 26 903 | 10 871 | 18 391 | 86 961 | 14 880 | 6 777 | 46 727 | 5 488 | 38 149 | 8 205 | 33 820 | 41 921 | |
| Q4 | 343 224 | 3 246 | 339 978 | 27 112 | 10 853 | 18 102 | 87 510 | 14 468 | 6 817 | 47 453 | 5 593 | 38 354 | 8 323 | 33 669 | 41 724 | |
| 2020 Q1 | 335 591 | 3 624 | 331 967 | 28 848 | 11 164 | 16 736 | 87 831 | 15 178 | 6 750 | 42 403 | 5 547 | 37 977 | 8 443 | 30 679 | 40 411 | |
| Q2 | 262 448 | 117 | 262 331 | 29 664 | 12 500 | 12 602 | 87 594 | 14 333 | 4 679 | 17 605 | 5 600 | 30 865 | 8 337 | 3 959 | 34 593 | |
| Q3 | 316 550 | 1 147 | 315 403 | 28 929 | 12 183 | 16 739 | 88 238 | 15 522 | 6 054 | 33 196 | 5 748 | 35 087 | 8 463 | 24 315 | 40 929 | |
| Q4 | 314 445 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | |
| Percentage change, latest year on previous year | | | | | | | | | | | | | | | | |
| | KG7Y | | KG6U | KG9N | KG6F | KG9F | KG6G | KG6H | KG6I | KG6J | KG6K | KG6L | KG6M | KG6N | KG6O | KG6P |
| 2018 | 3.7 | | 3.6 | 3.9 | 5.0 | 1.9 | 1.9 | 3.4 | 3.3 | 6.9 | -0.3 | 3.7 | 5.5 | 2.0 | 5.5 | |
| 2019 | 2.4 | | 2.4 | 2.3 | -1.8 | 7.6 | 2.2 | -2.6 | 9.1 | 2.1 | -0.9 | 4.0 | 5.5 | 3.4 | 0.9 | |
| 2020 | -10.1 | | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | |
| Percentage change, quarter on previous quarter | | | | | | | | | | | | | | | | |
| | KG7Y | | KG7Q | KG9R | KG6F | KG6G | KG6H | KG6I | KG6J | KG6K | KG6L | KG6M | KG6N | KG6O | KG6P | |
| 2018 Q3 | 0.7 | | 0.7 | 0.7 | - | 1.2 | 0.9 | 2.7 | 1.6 | -0.6 | -0.2 | -0.4 | 1.5 | 0.3 | 2.0 | |
| Q4 | 0.7 | | 0.7 | 1.0 | -0.7 | 1.9 | 0.8 | -1.7 | 0.5 | 1.6 | 0.1 | -0.2 | 1.4 | 2.2 | 0.1 | |
| 2019 Q1 | 0.5 | | 0.4 | - | -1.2 | 2.8 | 0.2 | -1.3 | 4.2 | -0.5 | -0.7 | 2.1 | 1.2 | - | 0.3 | |
| Q2 | 0.8 | | 0.8 | 0.6 | -1.5 | 2.5 | 1.6 | -0.5 | 2.6 | 1.0 | 0.2 | 1.6 | 1.3 | 0.7 | -1.8 | |
| Q3 | 0.8 | | 0.6 | 0.7 | 0.3 | 1.7 | -0.5 | -0.8 | 1.7 | 0.5 | -0.8 | 1.5 | 1.4 | 1.7 | 1.1 | |
| Q4 | -0.3 | | 0.3 | 0.8 | -0.2 | -1.6 | 0.6 | -2.8 | 0.6 | 1.6 | 1.9 | 0.5 | 1.4 | -0.4 | -0.5 | |
| 2020 Q1 | -2.2 | | -2.4 | 6.4 | 2.9 | -7.5 | 0.4 | 4.9 | -1.0 | -10.6 | -0.8 | -1.0 | 1.4 | -8.9 | -3.1 | |
| Q2 | -21.8 | | -21.0 | 2.8 | 12.0 | -24.7 | -0.3 | -5.6 | -30.7 | -58.5 | 1.0 | -18.7 | -1.3 | -87.1 | -14.4 | |
| Q3 | 20.6 | | 20.2 | -2.5 | -2.5 | 32.8 | 0.7 | 8.3 | 29.4 | 88.6 | 2.6 | 13.7 | 1.5 | 514.2 | 18.3 | |
| Q4 | -0.7 | | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | |
| Percentage change, quarter on corresponding quarter of previous year | | | | | | | | | | | | | | | | |
| | KG7Y | | KG7C | KG9V | KG6F | KG6G | KG6H | KG6I | KG6J | KG6K | KG6L | KG6M | KG6N | KG6O | KG6P | |
| 2018 Q3 | 3.9 | | 3.9 | 3.8 | 5.7 | 1.9 | 1.8 | 4.1 | 4.2 | 7.5 | -2.1 | 3.3 | 6.3 | 0.9 | 8.3 | |
| Q4 | 3.7 | | 3.6 | 3.2 | 3.5 | 4.0 | 2.4 | 1.6 | 5.2 | 5.8 | -1.5 | 1.1 | 6.4 | 4.1 | 6.5 | |
| 2019 Q1 | 2.7 | | 2.5 | 2.3 | 1.7 | 6.9 | 1.2 | 0.1 | 8.7 | 1.7 | -2.3 | 2.1 | 5.7 | 3.6 | 4.2 | |
| Q2 | 2.7 | | 2.6 | 2.3 | -3.3 | 8.7 | 3.5 | -0.9 | 9.1 | 1.5 | -0.6 | 3.1 | 5.5 | 3.3 | 0.6 | |
| Q3 | 2.7 | | 2.5 | 2.3 | -3.0 | 9.2 | 2.1 | -4.3 | 9.2 | 2.6 | -1.2 | 5.1 | 5.4 | 4.7 | -0.3 | |
| Q4 | 1.8 | | 2.0 | 2.1 | -2.5 | 5.5 | 2.0 | -5.3 | 9.3 | 2.5 | 0.6 | 5.8 | 5.5 | 2.0 | -0.8 | |
| 2020 Q1 | -1.0 | | -0.8 | 8.6 | 1.5 | -5.2 | 2.2 | 0.7 | 3.9 | -7.9 | 0.5 | 2.6 | 5.8 | -7.1 | -4.3 | |
| Q2 | -23.2 | | -22.2 | 11.0 | 15.4 | -30.3 | 0.3 | -4.4 | -29.8 | -62.2 | 1.2 | -17.9 | 3.1 | -88.1 | -16.6 | |
| Q3 | -8.0 | | -7.0 | 7.5 | 12.1 | -9.0 | 1.5 | 4.3 | -10.7 | -29.0 | 4.7 | -8.0 | 3.1 | -28.1 | -2.4 | |
| Q4 | -8.4 | | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | |

1 ESA 10 Classification of Individual Consumption by Purpose.

2 Final Consumption by UK Households in the UK & abroad.

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

E2 Household final consumption expenditure (goods and services)

Current prices

£ million

| UK NATIONAL ² | | | | | | | | |
|---|-----------|-------------|-----------|---------|---------------|---------------------|--------------------|----------|
| UK DOMESTIC ³ | | | | | | | | |
| COICOP ¹ | Goods | | | | | | | |
| | Total | Net tourism | Total | Total | Durable goods | Semi- durable goods | Non- durable goods | Services |
| | | | | | D | SD | ND | S |
| | ABJQ | ABTF | ZAKV | UTIF | UTIB | UTIR | UTIJ | UTIN |
| 2018 | 1 335 216 | 16 416 | 1 318 800 | 540 596 | 125 612 | 137 111 | 277 873 | 778 204 |
| 2019 | 1 367 861 | 17 164 | 1 350 697 | 552 698 | 127 059 | 144 571 | 281 068 | 797 999 |
| 2020 | 1 229 034 | .. | .. | .. | .. | .. | .. | .. |
| Seasonally adjusted | | | | | | | | |
| 2018 Q3 | 335 092 | 4 331 | 330 761 | 135 370 | 31 039 | 34 457 | 69 874 | 195 391 |
| Q4 | 337 286 | 4 076 | 333 210 | 136 762 | 31 746 | 34 676 | 70 340 | 196 448 |
| 2019 Q1 | 338 837 | 4 333 | 334 504 | 136 660 | 31 696 | 35 503 | 69 461 | 197 844 |
| Q2 | 341 615 | 4 493 | 337 122 | 138 980 | 32 214 | 36 104 | 70 662 | 198 142 |
| Q3 | 344 185 | 5 092 | 339 093 | 138 905 | 32 067 | 36 664 | 70 174 | 200 188 |
| Q4 | 343 224 | 3 246 | 339 978 | 138 153 | 31 082 | 36 300 | 70 771 | 201 825 |
| 2020 Q1 | 335 591 | 3 624 | 331 967 | 137 310 | 28 456 | 35 080 | 73 774 | 194 657 |
| Q2 | 262 448 | 117 | 262 331 | 123 207 | 22 353 | 30 616 | 70 238 | 139 124 |
| Q3 | 316 550 | 1 147 | 315 403 | 141 542 | 31 011 | 38 031 | 72 500 | 173 861 |
| Q4 | 314 445 | .. | .. | .. | .. | .. | .. | .. |
| Percentage change, latest year on previous year | | | | | | | | |
| | KG77 | | KG6U | KHC9 | KHB5 | KHH5 | KHE5 | KHF9 |
| 2018 | 3.7 | | 3.6 | 4.2 | 3.4 | 2.4 | 5.6 | 3.2 |
| 2019 | 2.4 | | 2.4 | 2.2 | 1.2 | 5.4 | 1.1 | 2.5 |
| 2020 | -10.1 | | .. | .. | .. | .. | .. | .. |
| Percentage change, quarter on previous quarter | | | | | | | | |
| | KG78 | | KG74 | KHD2 | KHB6 | KHH6 | KHE6 | KHG2 |
| 2018 Q3 | 0.7 | | 0.7 | 0.6 | -1.6 | 1.5 | 1.2 | 0.7 |
| Q4 | 0.7 | | 0.7 | 1.0 | 2.3 | 0.6 | 0.7 | 0.5 |
| 2019 Q1 | 0.5 | | 0.4 | -0.1 | -0.2 | 2.4 | -1.2 | 0.7 |
| Q2 | 0.8 | | 0.8 | 1.7 | 1.6 | 1.7 | 1.7 | 0.2 |
| Q3 | 0.8 | | 0.6 | -0.1 | -0.5 | 1.6 | -0.7 | 1.0 |
| Q4 | -0.3 | | 0.3 | -0.5 | -3.1 | -1.0 | 0.9 | 0.8 |
| 2020 Q1 | -2.2 | | -2.4 | -0.6 | -8.4 | -3.4 | 4.2 | -3.6 |
| Q2 | -21.8 | | -21.0 | -10.3 | -21.4 | -12.7 | -4.8 | -28.5 |
| Q3 | 20.6 | | 20.2 | 14.9 | 38.7 | 24.2 | 3.2 | 25.0 |
| Q4 | -0.7 | | .. | .. | .. | .. | .. | .. |
| Percentage change, quarter on corresponding quarter of previous year | | | | | | | | |
| | KG79 | | KG7C | KHD3 | KHB7 | KHH7 | KHE7 | KHG3 |
| 2018 Q3 | 3.9 | | 3.9 | 4.0 | 1.7 | 2.6 | 5.7 | 3.8 |
| Q4 | 3.7 | | 3.6 | 3.4 | 2.9 | 1.9 | 4.5 | 3.7 |
| 2019 Q1 | 2.7 | | 2.5 | 2.0 | 1.3 | 4.3 | 1.2 | 2.8 |
| Q2 | 2.7 | | 2.6 | 3.3 | 2.1 | 6.4 | 2.3 | 2.1 |
| Q3 | 2.7 | | 2.5 | 2.6 | 3.3 | 6.4 | 0.4 | 2.5 |
| Q4 | 1.8 | | 2.0 | 1.0 | -2.1 | 4.7 | 0.6 | 2.7 |
| 2020 Q1 | -1.0 | | -0.8 | 0.5 | -10.2 | -1.2 | 6.2 | -1.6 |
| Q2 | -23.2 | | -22.2 | -11.3 | -30.6 | -15.2 | -0.6 | -29.8 |
| Q3 | -8.0 | | -7.0 | 1.9 | -3.3 | 3.7 | 3.3 | -13.2 |
| Q4 | -8.4 | | .. | .. | .. | .. | .. | .. |

1 ESA 10 Classification of Individual Consumption by Purpose.

2 Final Consumption by UK Households in the UK & abroad.

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

E3 Household final consumption expenditure by purpose

Chained volume measures

Reference year 2018, £ million

| UK NATIONAL ² | | | | | | | | | | | | | | | | |
|--|-----------|-------------|-----------|--------------|-------------------|---------------------|---------|----------------------------|--------|-----------|---------------|----------------------|-----------|----------------------|---------------|------|
| UK DOMESTIC ³ | | | | | | | | | | | | | | | | |
| COICOP ¹ | Total | Net tourism | Total | Food & drink | Alcohol & tobacco | Clothing & footwear | Housing | Household goods & services | Health | Transport | Communication | Recreation & culture | Education | Restaurants & hotels | Miscellaneous | |
| | 0 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | | | |
| | ABJR | ABTH | ZAKW | ZWUN | ZAKY | ZALA | ZAVO | ZAVW | ZAWC | ZAWM | ZAWW | ZAXA | ZWUT | ZAXS | ZAYG | |
| 2018 | 1 335 216 | 16 416 | 1 318 800 | 104 927 | 44 350 | 67 160 | 340 229 | 61 016 | 24 528 | 182 917 | 22 334 | 145 233 | 30 889 | 129 392 | 165 825 | |
| 2019 | 1 349 709 | 15 914 | 1 333 795 | 105 783 | 42 502 | 72 799 | 343 651 | 59 080 | 26 068 | 181 955 | 21 308 | 149 377 | 31 631 | 130 301 | 169 340 | |
| 2020 | 1 205 690 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Seasonally adjusted | | | | | | | | | | | | | | | | |
| 2018 Q3 | 334 326 | 4 249 | 330 073 | 26 239 | 11 123 | 16 894 | 84 968 | 15 492 | 6 194 | 45 518 | 5 537 | 36 239 | 7 749 | 32 301 | 41 813 | |
| Q4 | 336 184 | 4 333 | 331 845 | 26 551 | 10 983 | 17 248 | 85 540 | 15 273 | 6 203 | 45 950 | 5 527 | 36 085 | 7 845 | 32 777 | 41 861 | |
| 2019 Q1 | 336 057 | 4 242 | 331 815 | 26 411 | 10 763 | 17 763 | 85 520 | 14 944 | 6 410 | 45 288 | 5 401 | 36 530 | 7 815 | 32 503 | 42 467 | |
| Q2 | 337 968 | 4 204 | 333 764 | 26 359 | 10 585 | 18 237 | 86 084 | 14 918 | 6 513 | 45 634 | 5 332 | 37 321 | 7 869 | 32 481 | 42 431 | |
| Q3 | 338 377 | 4 286 | 334 091 | 26 410 | 10 601 | 18 555 | 85 567 | 14 822 | 6 583 | 45 297 | 5 270 | 37 765 | 7 935 | 32 812 | 42 474 | |
| Q4 | 337 307 | 3 182 | 334 125 | 26 603 | 10 553 | 18 244 | 86 480 | 14 396 | 6 562 | 45 736 | 5 305 | 37 761 | 8 012 | 32 505 | 41 968 | |
| 2020 Q1 | 328 097 | 3 431 | 324 666 | 28 305 | 10 746 | 16 904 | 86 428 | 15 136 | 6 484 | 40 259 | 5 194 | 37 228 | 8 040 | 29 593 | 40 349 | |
| Q2 | 259 263 | 5 | 259 258 | 28 835 | 11 745 | 13 117 | 86 346 | 14 396 | 4 503 | 17 639 | 5 193 | 30 259 | 7 034 | 5 023 | 35 168 | |
| Q3 | 309 400 | 1 088 | 308 310 | 28 332 | 11 478 | 17 100 | 86 770 | 15 467 | 5 745 | 32 144 | 5 308 | 34 294 | 7 441 | 23 573 | 40 658 | |
| Q4 | 308 930 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Percentage change, latest year on previous year | | | | | | | | | | | | | | | | |
| | KGZ5 | KG7O | KG9Y | KG6F | KG6G | KG6H | KG6I | KG6J | KG6K | KG6L | KG6M | KG6N | KG6O | KG6P | KG6Q | KG6R |
| 2018 | 1.3 | 1.0 | 1.7 | 0.2 | 1.1 | 0.2 | 1.5 | 1.7 | 1.5 | -1.2 | 1.6 | 2.5 | -0.9 | 2.8 | | |
| 2019 | 1.1 | 1.1 | 0.8 | -4.2 | 8.4 | 1.0 | -3.2 | 6.3 | -0.5 | -4.6 | 2.9 | 2.4 | 0.7 | 2.1 | | |
| 2020 | -10.7 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Percentage change, quarter on previous quarter | | | | | | | | | | | | | | | | |
| | KGZ6 | KG7R | KGA3 | KG6F | KG6G | KG6H | KG6I | KG6J | KG6K | KG6L | KG6M | KG6N | KG6O | KG6P | KG6Q | KG6R |
| 2018 Q3 | 0.5 | 0.5 | 0.5 | -1.3 | 1.7 | 0.7 | 2.1 | 1.2 | -0.8 | -0.8 | -0.6 | 1.0 | 0.6 | 1.6 | | |
| Q4 | 0.6 | 0.5 | 1.2 | -1.3 | 2.1 | 0.7 | -1.4 | 0.1 | 0.9 | -0.2 | -0.4 | 1.2 | 1.5 | 0.1 | | |
| 2019 Q1 | - | - | -0.5 | -2.0 | 3.0 | - | -2.2 | 3.3 | -1.4 | -2.3 | 1.2 | -0.4 | -0.8 | 1.4 | | |
| Q2 | 0.6 | 0.6 | -0.2 | -1.7 | 2.7 | 0.7 | -0.2 | 1.6 | 0.8 | -1.3 | 2.2 | 0.7 | -0.1 | -0.1 | | |
| Q3 | 0.1 | 0.1 | 0.2 | 0.2 | 1.7 | -0.6 | -0.6 | 1.1 | -0.7 | -1.2 | 1.2 | 0.8 | 1.0 | 0.1 | | |
| Q4 | -0.3 | - | 0.7 | -0.5 | -1.7 | 1.1 | -2.9 | -0.3 | 1.0 | 0.7 | - | 1.0 | -0.9 | -1.2 | | |
| 2020 Q1 | -2.7 | -2.8 | 6.4 | 1.8 | -7.3 | -0.1 | 5.1 | -1.2 | -12.0 | -2.1 | -1.4 | 0.3 | -9.0 | -3.9 | | |
| Q2 | -21.0 | -20.1 | 1.9 | 9.3 | -22.4 | -0.1 | -4.9 | -30.6 | -56.2 | - | -18.7 | -12.5 | -83.0 | -12.8 | | |
| Q3 | 19.3 | 18.9 | -1.7 | -2.3 | 30.4 | 0.5 | 7.4 | 27.6 | 82.2 | 2.2 | 13.3 | 5.8 | 369.3 | 15.6 | | |
| Q4 | -0.2 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Percentage change, quarter on corresponding quarter of previous year | | | | | | | | | | | | | | | | |
| | KGZ7 | KG7U | KGA6 | KG6F | KG6G | KG6H | KG6I | KG6J | KG6K | KG6L | KG6M | KG6N | KG6O | KG6P | KG6Q | KG6R |
| 2018 Q3 | 1.4 | 1.2 | 1.5 | 0.8 | 2.3 | 0.3 | 2.3 | 2.6 | 1.0 | -2.7 | 1.2 | 3.4 | -1.3 | 4.2 | | |
| Q4 | 1.7 | 1.4 | 2.8 | -0.5 | 4.7 | 0.9 | 0.7 | 4.2 | 1.4 | -2.4 | -0.2 | 3.9 | 2.0 | 1.9 | | |
| 2019 Q1 | 1.2 | 1.1 | 1.5 | -1.9 | 8.3 | 0.2 | -0.9 | 6.6 | -0.6 | -5.1 | 0.2 | 2.5 | 0.9 | 3.6 | | |
| Q2 | 1.6 | 1.6 | 0.9 | -6.1 | 9.7 | 2.0 | -1.7 | 6.5 | -0.6 | -4.4 | 2.4 | 2.6 | 1.2 | 3.1 | | |
| Q3 | 1.2 | 1.2 | 0.7 | -4.7 | 9.8 | 0.7 | -4.3 | 6.3 | -0.5 | -4.8 | 4.2 | 2.4 | 1.6 | 1.6 | | |
| Q4 | 0.3 | 0.7 | 0.2 | -3.9 | 5.8 | 1.1 | -5.7 | 5.8 | -0.5 | -4.0 | 4.6 | 2.1 | -0.8 | 0.3 | | |
| 2020 Q1 | -2.4 | -2.2 | 7.2 | -0.2 | -4.8 | 1.1 | 1.3 | 1.2 | -11.1 | -3.8 | 1.9 | 2.9 | -9.0 | -5.0 | | |
| Q2 | -23.3 | -22.3 | 9.4 | 11.0 | -28.1 | 0.3 | -3.5 | -30.9 | -61.3 | -2.6 | -18.9 | -10.6 | -84.5 | -17.1 | | |
| Q3 | -8.6 | -7.7 | 7.3 | 8.3 | -7.8 | 1.4 | 4.4 | -12.7 | -29.0 | 0.7 | -9.2 | -6.2 | -28.2 | -4.3 | | |
| Q4 | -8.4 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |

1 ESA 10 Classification of Individual Consumption by Purpose.

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

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

E4 Household final consumption expenditure (goods and services)

Chained volume measures

Reference year 2018, £ million

| UK NATIONAL ² | | | | | | | | |
|---|-----------|-------------|-----------|---------|---------------|---------------------|--------------------|----------|
| UK DOMESTIC ³ | | | | | | | | |
| COICOP ¹ | Goods | | | | | | | |
| | Total | Net tourism | Total | Total | Durable goods | Semi- durable goods | Non- durable goods | Services |
| | | | | | D | SD | ND | S |
| | ABJR | ABTH | ZAKW | UTIH | UTID | UTIT | UTIL | UTIP |
| 2018 | 1 335 216 | 16 416 | 1 318 800 | 540 596 | 125 612 | 137 111 | 277 873 | 778 204 |
| 2019 | 1 349 709 | 15 914 | 1 333 795 | 545 525 | 124 613 | 144 598 | 276 314 | 788 270 |
| 2020 | 1 205 690 | .. | .. | .. | .. | .. | .. | .. |
| Seasonally adjusted | | | | | | | | |
| 2018 Q3 | 334 326 | 4 249 | 330 073 | 135 202 | 31 219 | 34 436 | 69 548 | 194 870 |
| Q4 | 336 184 | 4 333 | 331 845 | 135 951 | 31 492 | 34 642 | 69 816 | 195 893 |
| 2019 Q1 | 336 057 | 4 242 | 331 815 | 135 525 | 31 139 | 35 370 | 69 016 | 196 290 |
| Q2 | 337 968 | 4 204 | 333 764 | 137 081 | 31 698 | 36 205 | 69 178 | 196 683 |
| Q3 | 338 377 | 4 286 | 334 091 | 136 614 | 31 374 | 36 699 | 68 541 | 197 477 |
| Q4 | 337 307 | 3 182 | 334 125 | 136 305 | 30 402 | 36 324 | 69 579 | 197 820 |
| 2020 Q1 | 328 097 | 3 431 | 324 666 | 134 649 | 27 756 | 35 052 | 71 841 | 190 017 |
| Q2 | 259 263 | 5 | 259 258 | 122 023 | 22 308 | 30 918 | 68 797 | 137 235 |
| Q3 | 309 400 | 1 088 | 308 310 | 139 842 | 30 286 | 38 049 | 71 507 | 168 468 |
| Q4 | 308 930 | .. | .. | .. | .. | .. | .. | .. |
| Percentage change, year on previous year | | | | | | | | |
| | KGZ5 | | KG7O | KHD7 | KHC3 | KHI3 | KHF3 | KHG7 |
| 2018 | 1.3 | | 1.0 | 1.5 | 1.6 | 0.8 | 1.8 | 0.7 |
| 2019 | 1.1 | | 1.1 | 0.9 | -0.8 | 5.5 | -0.6 | 1.3 |
| 2020 | -10.7 | | .. | .. | .. | .. | .. | .. |
| Percentage change, quarter on previous quarter | | | | | | | | |
| | KGZ6 | | KG7R | KHD8 | KHC4 | KHI4 | KHF4 | KHG8 |
| 2018 Q3 | 0.5 | | 0.5 | 0.3 | -0.8 | 1.5 | 0.3 | 0.6 |
| Q4 | 0.6 | | 0.5 | 0.6 | 0.9 | 0.6 | 0.4 | 0.5 |
| 2019 Q1 | - | | - | -0.3 | -1.1 | 2.1 | -1.1 | 0.2 |
| Q2 | 0.6 | | 0.6 | 1.1 | 1.8 | 2.4 | 0.2 | 0.2 |
| Q3 | 0.1 | | 0.1 | -0.3 | -1.0 | 1.4 | -0.9 | 0.4 |
| Q4 | -0.3 | | - | -0.2 | -3.1 | -1.0 | 1.5 | 0.2 |
| 2020 Q1 | -2.7 | | -2.8 | -1.2 | -8.7 | -3.5 | 3.3 | -3.9 |
| Q2 | -21.0 | | -20.1 | -9.4 | -19.6 | -11.8 | -4.2 | -27.8 |
| Q3 | 19.3 | | 18.9 | 14.6 | 35.8 | 23.1 | 3.9 | 22.8 |
| Q4 | -0.2 | | .. | .. | .. | .. | .. | .. |
| Percentage change, quarter on corresponding quarter of previous year | | | | | | | | |
| | KGZ7 | | KG7U | KHD9 | KHC5 | KHI5 | KHF5 | KHG9 |
| 2018 Q3 | 1.4 | | 1.2 | 1.3 | 0.9 | 1.4 | 1.4 | 1.1 |
| Q4 | 1.7 | | 1.4 | 1.5 | 1.8 | 1.2 | 1.6 | 1.4 |
| 2019 Q1 | 1.2 | | 1.1 | 0.6 | -0.9 | 3.8 | -0.2 | 1.4 |
| Q2 | 1.6 | | 1.6 | 1.7 | 0.7 | 6.7 | -0.2 | 1.5 |
| Q3 | 1.2 | | 1.2 | 1.0 | 0.5 | 6.6 | -1.4 | 1.3 |
| Q4 | 0.3 | | 0.7 | 0.3 | -3.5 | 4.9 | -0.3 | 1.0 |
| 2020 Q1 | -2.4 | | -2.2 | -0.6 | -10.9 | -0.9 | 4.1 | -3.2 |
| Q2 | -23.3 | | -22.3 | -11.0 | -29.6 | -14.6 | -0.6 | -30.2 |
| Q3 | -8.6 | | -7.7 | 2.4 | -3.5 | 3.7 | 4.3 | -14.7 |
| Q4 | -8.4 | | .. | .. | .. | .. | .. | .. |

1 ESA 10 Classification of Individual Consumption by Purpose.

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

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

F1

Gross fixed capital formation by sector and type of asset

Current prices

£ million

| | Analysis by sector | | | | | | | | Analysis by asset | | | | | |
|--|----------------------------------|--------------------|------------------------|---|------------------------|---|---------|---------------------|--|------------------------|---|--------------------------------|---------|--|
| | Public corporations ² | | | | Private Sector | | | | | | | | | |
| | Business investment ¹ | General government | Dwellings ⁴ | Costs of transfer of ownership of non-produced assets | Dwellings ⁴ | Costs of transfer of ownership of non-produced assets | Total | Transport equipment | ICT equipment and other machinery and equipment ³ | Dwellings ⁴ | Other buildings and structures ⁵ | Intellectual Property Products | Total | |
| | | | | | | | | | | | | | | |
| 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 | 202 943 | 65 534 | 4 494 | 648 | 74 148 | 22 595 | 370 362 | 16 262 | 58 313 | 78 642 | 129 419 | 87 726 | 370 362 | |
| Seasonally adjusted | | | | | | | | | | | | | | |
| 2018 Q3 | 53 010 | 14 505 | 1 113 | 198 | 20 415 | 6 489 | 95 729 | 5 322 | 15 472 | 21 529 | 32 929 | 20 476 | 95 729 | |
| 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 | 56 208 | 15 598 | 1 180 | 181 | 19 691 | 6 012 | 98 870 | 4 019 | 16 128 | 20 871 | 35 498 | 22 354 | 98 870 | |
| Q2 | 44 298 | 16 571 | 1 101 | 150 | 11 735 | 5 350 | 79 205 | 1 582 | 12 830 | 12 836 | 30 309 | 21 648 | 79 205 | |
| Q3 | 50 770 | 16 321 | 1 090 | 150 | 21 275 | 5 317 | 94 923 | 4 597 | 14 562 | 22 365 | 31 789 | 21 610 | 94 923 | |
| Q4 | 51 667 | 17 044 | 1 123 | 167 | 21 447 | 5 916 | 97 364 | 6 064 | 14 793 | 22 570 | 31 823 | 22 114 | 97 364 | |
| Percentage change, latest year on previous year | | | | | | | | | | | | | | |
| 2018 | KG6N | KH7N | L64E | L64H | L64K | L64N | KG6O | KG6T | KG6S | KH7X | KH7W | KG6R | KG6O | |
| 2019 | -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 | |
| 2020 | 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 | -9.4 | 5.7 | -4.1 | -15.5 | -10.6 | -10.1 | -7.3 | -22.5 | -5.3 | -10.3 | -10.1 | 2.8 | -7.3 | |
| Percentage change, latest quarter on previous quarter | | | | | | | | | | | | | | |
| 2018 Q3 | KG6V | KH7P | L64F | L64I | L64L | L64O | KG6W | KG73 | KG72 | KH83 | KH82 | KG6Z | KG6W | |
| Q4 | -1.4 | 2.5 | -7.7 | -0.5 | 1.7 | 19.1 | 0.9 | 33.7 | 1.8 | 1.2 | -2.7 | -0.3 | 0.9 | |
| 2019 Q1 | 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 | |
| Q2 | 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 | |
| Q3 | 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 | |
| Q4 | 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 | |
| 2020 Q1 | -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 | |
| Q2 | -0.6 | 0.2 | -2.8 | -3.7 | -2.5 | -2.3 | -1.0 | -24.9 | 6.1 | -2.6 | -2.8 | 4.5 | -1.0 | |
| Q3 | -21.2 | 6.2 | -6.7 | -17.1 | -40.4 | -11.0 | -19.9 | -60.6 | -20.4 | -38.5 | -14.6 | -3.2 | -19.9 | |
| Q4 | 14.6 | -1.5 | -1.0 | - | 81.3 | -0.6 | 19.8 | 190.6 | 13.5 | 74.2 | 4.9 | -0.2 | 19.8 | |
| 2020 | 1.8 | 4.4 | 3.0 | 11.3 | 0.8 | 11.3 | 2.6 | 31.9 | 1.6 | 0.9 | 0.1 | 2.3 | 2.6 | |
| Percentage change, latest quarter on corresponding quarter of previous year | | | | | | | | | | | | | | |
| 2018 Q3 | KG75 | KH7R | L64G | L64J | L64M | L64P | KG76 | KG7B | KG7A | KH87 | KH86 | KG79 | KG76 | |
| Q4 | -1.9 | 5.2 | -49.5 | -2.0 | 16.3 | 19.0 | 2.6 | -14.6 | 2.1 | 9.0 | 1.8 | 3.6 | 2.6 | |
| 2019 Q1 | -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 | |
| Q2 | 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 | |
| Q3 | 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 | |
| Q4 | 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 | |
| 2020 Q1 | 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 | |
| Q2 | 2.8 | -0.3 | 2.7 | -0.5 | -6.3 | -9.6 | -0.4 | -13.9 | 1.7 | -5.8 | -0.3 | 6.4 | -0.4 | |
| Q3 | -21.1 | 9.6 | -4.8 | -26.1 | -44.0 | -13.4 | -20.6 | -72.4 | -15.5 | -42.0 | -14.4 | 1.7 | -20.6 | |
| Q4 | -10.4 | 4.3 | -6.5 | -22.7 | 2.5 | -13.7 | -5.6 | -12.4 | -5.1 | 1.9 | -12.8 | - | -5.6 | |
| 2020 | -8.7 | 9.4 | -7.5 | -11.2 | 6.2 | -3.8 | -2.5 | 13.3 | -2.6 | 5.3 | -12.9 | 3.3 | -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 ² | | | | Private Sector | | | | | | | | | |
| | Business investment ¹ | General government | Dwellings ⁴ | Costs of transfer of ownership of non-produced assets | Dwellings ⁴ | Costs of transfer of ownership of non-produced assets | NPQT | Transport equipment | ICT equipment and other machinery and equipment ³ | Dwellings ⁴ | Other buildings and structures ⁵ | Intellectual Property Products | EQDO | NPQT |
| | | | | | | | | | | | | | | |
| 2018 | NPEL | DLWF | L634 | L635 | L636 | L637 | NPQT | DLWL | DLWO | DFEG | DLWT | EQDO | NPQT | |
| 2019 | 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 | |
| 2020 | 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 | 194 069 | 61 647 | 4 303 | 613 | 70 872 | 21 945 | 353 449 | 14 364 | 56 001 | 75 175 | 122 233 | 85 676 | 353 449 | |
| Seasonally adjusted | | | | | | | | | | | | | | |
| 2018 Q3 | 53 209 | 14 531 | 1 096 | 198 | 20 266 | 6 233 | 95 556 | 5 485 | 15 533 | 21 363 | 32 697 | 20 453 | 95 556 | |
| 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 | 54 322 | 14 500 | 1 139 | 172 | 18 840 | 5 811 | 94 784 | 3 771 | 15 534 | 19 979 | 33 701 | 21 799 | 94 784 | |
| Q2 | 42 293 | 15 476 | 1 056 | 142 | 11 173 | 5 258 | 75 398 | 1 342 | 12 225 | 12 229 | 28 664 | 20 938 | 75 398 | |
| Q3 | 48 422 | 15 399 | 1 037 | 142 | 20 438 | 5 246 | 90 684 | 3 856 | 13 832 | 21 475 | 29 868 | 21 653 | 90 684 | |
| Q4 | 49 032 | 16 272 | 1 071 | 157 | 20 421 | 5 630 | 92 583 | 5 395 | 14 410 | 21 492 | 30 000 | 21 286 | 92 583 | |
| Percentage change, latest year on previous year | | | | | | | | | | | | | | |
| 2018 | KG7M | KH92 | L64T | L64W | L654 | L64Z | KG7N | KH95 | KH96 | KH8Y | KH97 | KH98 | KG7N | |
| 2019 | -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 | |
| 2020 | 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 | -10.7 | 3.8 | -5.0 | -17.5 | -11.9 | -11.1 | -8.7 | -30.4 | -6.4 | -11.6 | -11.4 | 2.5 | -8.7 | |
| Percentage change, latest quarter on previous quarter | | | | | | | | | | | | | | |
| 2018 Q3 | KG7P | KH9C | L64U | L64X | L655 | L652 | KG7Q | KH9F | KH9G | KH9A | KH9H | KH9I | KG7Q | |
| Q4 | -1.4 | 2.5 | -7.9 | -0.5 | 0.5 | 12.4 | 0.4 | 37.4 | 1.9 | - | -4.0 | -0.5 | 0.4 | |
| 2019 Q1 | -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 | -0.6 | -1.3 | -3.4 | -4.4 | -2.2 | -2.7 | -1.2 | -23.2 | 9.0 | -2.4 | -5.2 | 4.9 | -1.2 | |
| Q2 | -22.1 | 6.7 | -7.3 | -17.4 | -40.7 | -9.5 | -20.5 | -64.4 | -21.3 | -38.8 | -14.9 | -3.9 | -20.5 | |
| Q3 | 14.5 | -0.5 | -1.8 | - | 82.9 | -0.2 | 20.3 | 187.3 | 13.1 | 75.6 | 4.2 | 3.4 | 20.3 | |
| Q4 | 1.3 | 5.7 | 3.3 | 10.6 | -0.1 | 7.3 | 2.1 | 39.9 | 4.2 | 0.1 | 0.4 | -1.7 | 2.1 | |
| Percentage change, latest quarter on corresponding quarter of previous year | | | | | | | | | | | | | | |
| 2018 Q3 | KG7S | KH9M | L64V | L64Y | L656 | L653 | KG7T | KH9P | KH9Q | KH9K | KH9R | KH9S | KG7T | |
| Q4 | -3.4 | 3.1 | -51.5 | -3.4 | 12.3 | 17.2 | 0.6 | -16.6 | 3.8 | 5.2 | -1.4 | 2.3 | 0.6 | |
| 2019 Q1 | -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 | 1.0 | -4.2 | 5.3 | -3.4 | -8.5 | -11.6 | -2.6 | -23.8 | -1.2 | -7.8 | -1.3 | 4.6 | -2.6 | |
| Q2 | -21.8 | 6.9 | -8.7 | -27.9 | -45.1 | -13.0 | -21.7 | -76.2 | -15.8 | -43.2 | -14.9 | 0.1 | -21.7 | |
| Q3 | -11.6 | 2.1 | -6.7 | -24.5 | 0.8 | -14.0 | -7.0 | -24.9 | -9.8 | 0.4 | -13.7 | 2.7 | -7.0 | |
| Q4 | -10.3 | 10.7 | -9.2 | -12.8 | 6.0 | -5.8 | -3.5 | 9.9 | 1.1 | 5.0 | -15.6 | 2.4 | -3.5 | |

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.

G1

Changes in inventories at current prices ¹

£ million

| | Mining and quarrying | Manufacturing industries | | | | Elect- ricity, gas and water supply | Distributive trades | | Other industries ³ | Changes in inventories ³ |
|---|----------------------------|--------------------------|---------------------|-------------------|--------|---|------------------------|---------------------|----------------------------------|---|
| | | Materials and fuel | Work in progress | Finished goods | Total | | Wholesale ² | Retail ² | | |
| Level of inventories held at end-December 2018 | 190 | 23 882 | 20 277 | 23 263 | 67 422 | 567 | 38 853 | 36 965 | 59 551 | 203 548 |
| | FAHS | FAGF | FADY | FALR | NZTP | FAGI | FBHE | FAHA | CWVD | CAEX |
| 2018 | -512 | 143 | 1 778 | 71 | 1 992 | -1 994 | 643 | -817 | -68 | -756 |
| 2019 | 140 | 5 592 | -206 | -191 | 5 196 | 399 | 352 | 1 713 | -448 | 7 352 |
| 2020 | 694 | 164 | -1 170 | -3 283 | -4 289 | -1 478 | -2 345 | -900 | -2 849 | -11 167 |
| Seasonally adjusted | | | | | | | | | | |
| 2018 Q3 | -222 | 233 | -49 | 141 | 325 | -406 | 617 | -322 | -910 | -918 |
| Q4 | 219 | 44 | 615 | -86 | 573 | -191 | 239 | -397 | 3 567 | 4 010 |
| 2019 Q1 | 87 | 2 182 | 1 116 | 1 165 | 4 463 | 122 | 1 715 | 868 | 235 | 7 490 |
| Q2 | -252 | 2 766 | -1 339 | -1 609 | -181 | -260 | -146 | 542 | 3 469 | 3 172 |
| Q3 | 226 | 408 | -551 | -926 | -1 069 | 615 | -575 | -583 | 519 | -867 |
| Q4 | 79 | 236 | 568 | 1 179 | 1 983 | -78 | -642 | 886 | -4 671 | -2 443 |
| 2020 Q1 | 315 | -340 | 598 | -459 | -201 | -427 | -2 256 | -1 450 | 529 | -3 490 |
| Q2 | 1 220 | 177 | 358 | -677 | -142 | 251 | -983 | -401 | -4 943 | -4 998 |
| Q3 | -980 | 167 | -2 364 | -1 442 | -3 639 | -1 555 | 270 | 477 | -787 | -6 214 |
| Q4 | 139 | 160 | 238 | -705 | -307 | 253 | 624 | 474 | 2 352 | 3 535 |

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

2 Wholesaling and retailing estimates exclude the motor trades.

3 Quarterly alignment adjustment included in this series

G2

Changes in inventories at chained volume measures¹

Reference year 2018, £ million

| | Mining and quarrying | Manufacturing industries | | | | Elect- ricity, gas and water supply | Distributive trades | | Other industries ³ | Changes in inventories ³ |
|---|----------------------------|--------------------------|---------------------|-------------------|--------|---|------------------------|---------------------|----------------------------------|---|
| | | Materials and fuel | Work in progress | Finished goods | Total | | Wholesale ² | Retail ² | | |
| Level of inventories held at end-December 2018 | 190 | 23 882 | 20 277 | 23 263 | 67 422 | 567 | 38 853 | 36 965 | 59 551 | 203 548 |
| | FAEA | FBNF | FBNG | FBNH | DHBM | FAEB | FAJX | FBYN | DLWX | CAFU |
| 2018 | -512 | 143 | 1 778 | 71 | 1 992 | -1 994 | 643 | -817 | -68 | -756 |
| 2019 | 192 | 5 089 | -476 | -859 | 3 754 | 513 | -461 | 1 782 | -4 117 | 1 663 |
| 2020 | 446 | -719 | -1 240 | -5 090 | -7 049 | -2 145 | -2 279 | -2 027 | 503 | -12 551 |
| Seasonally adjusted | | | | | | | | | | |
| 2018 Q3 | -130 | 163 | -179 | -150 | -169 | -509 | 1 175 | -356 | -940 | -2 087 |
| Q4 | 362 | 79 | 552 | 212 | 847 | 326 | 172 | -659 | 2 236 | 4 842 |
| 2019 Q1 | 207 | 1 642 | 1 298 | 980 | 3 920 | 609 | 2 670 | -29 | -63 | 7 314 |
| Q2 | -336 | 2 154 | -1 334 | -2 082 | -1 262 | -450 | -1 263 | 982 | 2 083 | -246 |
| Q3 | 91 | 540 | -974 | -1 211 | -1 645 | 501 | -1 132 | 398 | -565 | -2 352 |
| Q4 | 230 | 753 | 534 | 1 454 | 2 741 | -147 | -736 | 431 | -5 572 | -3 053 |
| 2020 Q1 | 592 | -126 | -152 | -835 | -1 113 | -631 | -1 503 | -1 159 | 480 | -3 334 |
| Q2 | 657 | -786 | -296 | -1 985 | -3 067 | -867 | -513 | -919 | -1 492 | -6 201 |
| Q3 | -1 150 | -294 | -647 | -1 895 | -2 836 | -853 | -171 | 245 | -852 | -5 617 |
| Q4 | 347 | 487 | -145 | -375 | -33 | 206 | -92 | -194 | 2 367 | 2 601 |

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

2 Wholesaling and retailing estimates exclude the motor trades.

3 Quarterly alignment adjustment included in this series

4 These are values of physical stock levels in reference year (2016) prices.

H1 Exports and imports of goods and services

Current market prices

£ million

| | Exports | | | Imports | | | Balance | | |
|--|---------|----------|---------|---------|----------|---------|----------|----------|--------------------|
| | Goods | Services | Total | Goods | Services | Total | Goods | Services | Total ¹ |
| | BOKG | IKBB | IKBH | BOKH | IKBC | IKBI | BOKI | IKBD | IKBJ |
| 2018 | 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 | 311 521 | 260 204 | 571 725 | 427 504 | 153 786 | 581 290 | -115 983 | 106 418 | -9 565 |
| Seasonally adjusted | | | | | | | | | |
| 2018 Q3 | 90 288 | 77 806 | 168 094 | 122 969 | 49 444 | 172 413 | -32 681 | 28 362 | -4 319 |
| 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 | 82 044 | 75 388 | 157 432 | 110 112 | 47 909 | 158 021 | -28 068 | 27 479 | -589 |
| Q2 | 73 834 | 63 966 | 137 800 | 87 893 | 37 469 | 125 362 | -14 059 | 26 497 | 12 438 |
| Q3 | 74 988 | 62 906 | 137 894 | 106 407 | 35 384 | 141 791 | -31 419 | 27 522 | -3 897 |
| Q4 | 80 655 | 57 944 | 138 599 | 123 092 | 33 024 | 156 116 | -42 437 | 24 920 | -17 517 |
| Percentage change, latest year on previous year | | | | | | | | | |
| | 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 | -16.5 | -17.7 | -17.1 | -15.1 | -27.8 | -18.9 | | | |
| Percentage change, latest quarter on previous quarter | | | | | | | | | |
| | KG9O | KH36 | KH2P | KG9P | KH3X | KH3I | | | |
| 2018 Q3 | 4.6 | 2.2 | 3.4 | 2.7 | 1.3 | 2.3 | | | |
| 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 | -18.8 | -7.5 | -13.8 | -5.2 | -11.9 | -7.3 | | | |
| Q2 | -10.0 | -15.2 | -12.5 | -20.2 | -21.8 | -20.7 | | | |
| Q3 | 1.6 | -1.7 | 0.1 | 21.1 | -5.6 | 13.1 | | | |
| Q4 | 7.6 | -7.9 | 0.5 | 15.7 | -6.7 | 10.1 | | | |
| Percentage change, latest quarter on corresponding quarter of previous year | | | | | | | | | |
| | KG9S | KH37 | KH2Q | KG9T | KH3Y | KH3J | | | |
| 2018 Q3 | 7.1 | 5.8 | 6.5 | 3.8 | 7.9 | 5.0 | | | |
| 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 | -8.7 | 1.3 | -4.2 | -20.8 | -4.0 | -16.4 | | | |
| Q2 | -16.1 | -19.1 | -17.6 | -29.2 | -28.6 | -29.0 | | | |
| Q3 | -20.2 | -22.6 | -21.3 | -14.5 | -37.1 | -21.5 | | | |
| Q4 | -20.2 | -28.9 | -24.1 | 6.0 | -39.3 | -8.5 | | | |

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

H2 Exports and imports of goods and services

Chained volume measures

Reference year 2018, £ million

| | Exports | | | Imports | | | Balance |
|--|---------|----------|---------|---------|----------|---------|--------------------|
| | Goods | Services | Total | Goods | Services | Total | Total ¹ |
| | 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 | 317 287 | 248 332 | 565 619 | 427 099 | 150 820 | 577 919 | -12 300 |
| Seasonally adjusted | | | | | | | |
| 2018 Q3 | 89 060 | 77 885 | 166 934 | 121 630 | 49 382 | 171 007 | -4 073 |
| 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 | 81 902 | 72 256 | 154 158 | 109 684 | 47 169 | 156 853 | -2 695 |
| Q2 | 77 746 | 60 375 | 138 121 | 88 522 | 36 490 | 125 012 | 13 109 |
| Q3 | 75 978 | 60 625 | 136 603 | 106 897 | 34 791 | 141 688 | -5 085 |
| Q4 | 81 661 | 55 076 | 136 737 | 121 996 | 32 370 | 154 366 | -17 629 |
| Percentage change, latest year on previous year | | | | | | | |
| | 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 | -13.6 | -20.4 | -16.7 | -14.3 | -27.3 | -18.1 | |
| Percentage change, latest quarter on previous quarter | | | | | | | |
| | KGA2 | KH3C | KH2V | KG9Z | KH45 | KH3O | |
| 2018 Q3 | 2.7 | 2.6 | 2.6 | 1.1 | 1.0 | 1.1 | |
| 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 | -18.5 | -7.6 | -13.8 | -5.5 | -11.6 | -7.4 | |
| Q2 | -5.1 | -16.4 | -10.4 | -19.3 | -22.6 | -20.3 | |
| Q3 | -2.3 | 0.4 | -1.1 | 20.8 | -4.7 | 13.3 | |
| Q4 | 7.5 | -9.2 | 0.1 | 14.1 | -7.0 | 8.9 | |
| Percentage change, latest quarter on corresponding quarter of previous year | | | | | | | |
| | KGA5 | KH3D | KH2W | KGA4 | KH46 | KH3P | |
| 2018 Q3 | 0.5 | 3.6 | 1.9 | -0.5 | 6.9 | 1.5 | |
| 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 | -8.7 | -3.8 | -6.4 | -21.6 | -4.4 | -17.1 | |
| Q2 | -8.8 | -22.8 | -15.5 | -27.0 | -28.4 | -27.4 | |
| Q3 | -17.3 | -24.5 | -20.7 | -11.8 | -35.3 | -19.0 | |
| Q4 | -18.7 | -29.6 | -23.5 | 5.1 | -39.3 | -8.9 | |

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

Gross value added at basic prices: individual measures

| | £ million | | | | Index numbers (2018 = 100) ³ | | | | |
|--|---|----------------------------|-----------------------|-----------------------------|---|-----------------------|----------------------------|------------------------------------|-----------------------|
| | Expenditure-based estimate at chained volume measures | At current prices | | | Value indices at current prices | | Chained volume indices | | |
| | | Expenditure-based estimate | Income-based estimate | Residual error ¹ | Expenditure-based estimate | Income-based estimate | Expenditure-based estimate | Income-based estimate ² | Output-based estimate |
| | CAGR | CAGQ | CAGS | DJDS | IHYA | IHYB | IHYC | IHYD | YBFR |
| 2018 | 1 910 247 | 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 | 1 748 491 | 1 914 730 | 1 896 135 | 18 595 | 100.2 | 99.3 | 91.5 | 90.6 | 92.2 |
| Seasonally adjusted | | | | | | | | | |
| 2018 Q3 | 479 196 | 481 093 | 481 093 | – | 100.7 | 100.7 | 100.3 | 100.3 | 100.3 |
| 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 | 473 774 | 496 509 | 493 953 | 2 556 | 104.0 | 103.4 | 99.2 | 98.7 | 98.9 |
| Q2 | 382 263 | 431 274 | 426 386 | 4 888 | 90.3 | 89.3 | 80.0 | 79.1 | 80.9 |
| Q3 | 443 976 | 488 757 | 483 228 | 5 529 | 102.3 | 101.2 | 93.0 | 91.9 | 93.9 |
| Q4 | 448 478 | 498 190 | 492 568 | 5 622 | 104.3 | 103.1 | 93.9 | 92.8 | 94.9 |
| Percentage change, latest year on previous year | | | | | | | | | |
| | KH4D | KH47 | KH68 | | KH47 | KH68 | KH4D | KH6E | GDPQ |
| 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 | –10.1 | –3.5 | –4.3 | | –3.5 | –4.3 | –10.1 | –10.8 | –9.1 |
| Percentage change, latest quarter on previous quarter | | | | | | | | | |
| | KH4F | KH49 | KH6A | | KH49 | KH6A | KH4F | KH6G | |
| 2018 Q3 | 0.7 | 1.5 | 1.5 | | 1.5 | 1.5 | 0.7 | 0.7 | 0.7 |
| 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 | –1.2 | –1.2 | | –1.2 | –1.2 | –3.0 | –3.1 | –2.6 |
| Q2 | –19.3 | –13.1 | –13.7 | | –13.1 | –13.7 | –19.3 | –19.8 | –18.2 |
| Q3 | 16.1 | 13.3 | 13.3 | | 13.3 | 13.3 | 16.1 | 16.2 | 16.1 |
| Q4 | 1.0 | 1.9 | 1.9 | | 1.9 | 1.9 | 1.0 | 1.0 | 1.0 |
| Percentage change, latest quarter on corresponding quarter of previous year | | | | | | | | | |
| | KH4H | KH4B | KH6C | | KH4B | KH6C | KH4H | KH6I | GDPR |
| 2018 Q3 | 1.5 | 4.4 | 4.4 | | 4.4 | 4.4 | 1.5 | 1.4 | 1.5 |
| 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 | 1.2 | 0.7 | | 1.2 | 0.7 | –2.0 | –2.5 | –2.2 |
| Q2 | –21.2 | –12.5 | –13.2 | | –12.5 | –13.2 | –21.2 | –21.9 | –20.1 |
| Q3 | –8.9 | –2.1 | –3.1 | | –2.1 | –3.1 | –8.9 | –9.8 | –7.6 |
| Q4 | –8.2 | –0.8 | –1.5 | | –0.8 | –1.5 | –8.2 | –8.8 | –6.6 |

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

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

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

M Alignment adjustments¹

£ million

| | Changes in inventories | | Gross operating surplus of non-financial corporations at current prices |
|----------------------------|------------------------|--|---|
| | At current prices | Chained volume measures (Reference year 2018) | |
| Seasonally adjusted | | | |
| 2018 Q3 | DMUN -813 | DMUM -806 | DMUQ 736 |
| Q4 | 1 612 | 1 605 | -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 | 1 492 | 1 408 | -2 654 |
| Q2 | -3 083 | -2 799 | -1 500 |
| Q3 | -1 403 | -1 328 | 2 825 |
| Q4 | 2 994 | 2 719 | 1 329 |

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

N Selected financial year variables ^{1,2}

£ millions except deflator index which is 2019/2020 = 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 ^{3,4} |
| | YBHA | BKTL | ABML | NMRP | RPZG | ABMI | ABMM | NMRY | DLWF | L8GG |
| 2016/17 | 2 017 027 | 2 016 681 | 1 797 765 | 383 606 | 53 255 | 2 088 738 | 1 860 531 | 393 383 | 54 822 | 93.9589 |
| 2017/18 | 2 084 541 | 2 082 483 | 1 859 632 | 389 118 | 56 058 | 2 121 319 | 1 890 883 | 396 502 | 57 001 | 95.6133 |
| 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 | 97.8356 |
| 2019/20 | 2 220 063 | 2 224 077 | 1 985 780 | 426 921 | 61 940 | 2 160 347 | 1 929 819 | 413 949 | 58 763 | 100.0000 |
| Seasonally adjusted | | | | | | | | | | |
| 2018 Q3 | 539 287 | 534 823 | 481 093 | 100 053 | 14 505 | 537 326 | 479 196 | 99 446 | 14 531 | 97.6577 |
| Q4 | 541 670 | 548 218 | 483 093 | 101 204 | 14 358 | 538 222 | 480 684 | 100 886 | 14 170 | 97.9259 |
| 2019 Q1 | 548 802 | 550 646 | 490 389 | 104 226 | 15 650 | 541 195 | 483 380 | 102 261 | 15 129 | 98.6702 |
| Q2 | 551 964 | 545 539 | 491 541 | 104 104 | 15 114 | 541 944 | 484 129 | 104 646 | 14 482 | 99.1016 |
| Q3 | 558 286 | 552 691 | 498 426 | 106 864 | 15 654 | 544 639 | 486 565 | 103 741 | 15 085 | 99.7407 |
| Q4 | 559 387 | 568 911 | 500 612 | 107 930 | 15 574 | 544 733 | 486 608 | 103 740 | 14 696 | 99.9201 |
| 2020 Q1 | 550 426 | 556 936 | 495 201 | 108 023 | 15 598 | 529 031 | 472 517 | 101 822 | 14 500 | 101.2376 |
| Q2 | 476 392 | 474 810 | 431 129 | 123 547 | 16 571 | 428 307 | 382 133 | 86 776 | 15 476 | 108.2265 |
| Q3 | 538 867 | 530 274 | 488 591 | 123 904 | 16 321 | 497 401 | 443 823 | 97 934 | 15 399 | 105.4142 |
| Q4 | 547 361 | 551 025 | 498 023 | 133 424 | 17 044 | 502 253 | 448 325 | 104 228 | 16 272 | 106.0414 |
| Percentage change, latest financial year on previous financial year | | | | | | | | | | |
| 2016/17 | 4.2 | 4.1 | 4.2 | 1.9 | 6.4 | 1.7 | 1.6 | 0.5 | 4.6 | 2.5 |
| 2017/18 | 3.3 | 3.3 | 3.4 | 1.4 | 5.3 | 1.6 | 1.6 | 0.8 | 4.0 | 1.8 |
| 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 | 2.2 |
| Percentage change, latest quarter on previous quarter | | | | | | | | | | |
| | IHYN | A8L9 | KGL8 | KH2D | KH7P | IHYQ | KGM9 | KH2J | KH9C | L8GH |
| 2018 Q3 | 1.2 | 0.9 | 1.5 | 1.3 | 2.5 | 0.6 | 0.7 | 0.5 | 2.5 | 0.6 |
| 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 | -1.6 | -2.1 | -1.1 | 0.1 | 0.2 | -2.9 | -2.9 | -1.8 | -1.3 | 1.3 |
| Q2 | -13.5 | -14.7 | -12.9 | 14.4 | 6.2 | -19.0 | -19.1 | -14.8 | 6.7 | 6.9 |
| Q3 | 13.1 | 11.7 | 13.3 | 0.3 | -1.5 | 16.1 | 16.1 | 12.9 | -0.5 | -2.6 |
| Q4 | 1.6 | 3.9 | 1.9 | 7.7 | 4.4 | 1.0 | 1.0 | 6.4 | 5.7 | 0.6 |
| Percentage change, latest quarter on corresponding quarter of previous year | | | | | | | | | | |
| | IHYO | A8LA | KGM2 | KH2E | KH7R | IHYR | KGN3 | KH2K | KH9M | L8GI |
| 2018 Q3 | 4.2 | 4.1 | 4.4 | 3.3 | 5.2 | 1.4 | 1.5 | 0.3 | 3.1 | 2.8 |
| 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 | 0.3 | 1.1 | 1.0 | 3.6 | -0.3 | -2.2 | -2.2 | -0.4 | -4.2 | 2.6 |
| Q2 | -13.7 | -13.0 | -12.3 | 18.7 | 9.6 | -21.0 | -21.1 | -17.1 | 6.9 | 9.2 |
| Q3 | -3.5 | -4.1 | -2.0 | 15.9 | 4.3 | -8.7 | -8.8 | -5.6 | 2.1 | 5.7 |
| Q4 | -2.1 | -3.1 | -0.5 | 23.6 | 9.4 | -7.8 | -7.9 | 0.5 | 10.7 | 6.1 |

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 2018/2019 = 100 for presentational purposes, whereas in table A1 it is expressed as 2016 = 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.

Selected implied deflators¹

2020 = 100

| | Implied deflators ² | | |
|--|--------------------------------|--|-----------------------------------|
| | Gross national expenditure | Gross domestic product at market prices ³ | Gross value added at basic prices |
| 2018 | MNE2 | MNF2 | MNX5 |
| 2019 | 92.5807 | 92.4643 | 91.1567 |
| 2020 | 94.5566 | 94.4200 | 93.0496 |
| | 100.0000 | 100.0000 | 100.0000 |
| Seasonally adjusted | | | |
| 2018 Q3 | 92.9588 | 92.8041 | 91.5197 |
| Q4 | 92.9753 | 93.0590 | 91.6157 |
| 2019 Q1 | 93.8640 | 93.7663 | 92.4806 |
| Q2 | 94.3827 | 94.1762 | 92.5545 |
| Q3 | 95.3358 | 94.7835 | 93.3810 |
| Q4 | 94.6441 | 94.9541 | 93.7823 |
| 2020 Q1 | 95.9430 | 96.2061 | 95.5351 |
| Q2 | 103.4553 | 102.8476 | 102.8470 |
| Q3 | 100.0049 | 100.1751 | 100.3539 |
| Q4 | 100.5968 | 100.7712 | 101.2640 |
| Percentage change, latest year on previous year | | | |
| 2018 | MNE3 | MNF3 | MNX6 |
| 2019 | 2.1 | 2.2 | 2.2 |
| 2020 | 2.1 | 2.1 | 2.1 |
| | 5.8 | 5.9 | 7.5 |
| Percentage change, latest quarter on previous quarter | | | |
| 2018 Q3 | MNE4 | MNF4 | MNX7 |
| Q4 | 0.7 | 0.6 | 0.8 |
| | — | 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 | 1.4 | 1.3 | 1.9 |
| Q2 | 7.8 | 6.9 | 7.7 |
| Q3 | -3.3 | -2.6 | -2.4 |
| Q4 | 0.6 | 0.6 | 0.9 |
| Percentage change, latest quarter on corresponding quarter of previous year | | | |
| 2018 Q3 | MNE5 | MNF5 | MNX8 |
| Q4 | 2.4 | 2.8 | 2.9 |
| | 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 | 2.2 | 2.6 | 3.3 |
| Q2 | 9.6 | 9.2 | 11.1 |
| Q3 | 4.9 | 5.7 | 7.5 |
| Q4 | 6.3 | 6.1 | 8.0 |

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 Head¹

£

| | UK resident population mid-year estimates (persons thousands) ² | Current Prices | | Chained volume measures (Reference year 2018) | |
|--|--|---|------------------------------------|---|------------------------------------|
| | | Gross domestic product at market prices ³ | Gross domestic product per head | Gross domestic product at market prices ³ | Gross domestic product per head |
| | EBAQ | YBHA | IHXT | ABMI | IHXW |
| 2018 | 66 436 | 2 141 792 | 32 238 | 2 141 792 | 32 238 |
| 2019 | 66 797 | 2 218 439 | 33 212 | 2 172 511 | 32 524 |
| 2020 | 67 196 | 2 113 046 | 31 446 | 1 956 992 | 29 124 |
| Seasonally adjusted | | | | | |
| 2018 Q3 | 66 526 | 539 287 | 8 106 | 537 326 | 8 077 |
| 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 | 550 426 | 8 204 | 529 031 | 7 885 |
| Q2 | 67 196 | 476 392 | 7 090 | 428 307 | 6 374 |
| Q3 | 67 280 | 538 867 | 8 009 | 497 401 | 7 393 |
| Q4 | 67 363 | 547 361 | 8 126 | 502 253 | 7 456 |
| Percentage change, latest year on previous year | | | | | |
| | | 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 | -5.3 | -9.9 | -10.5 |
| Percentage change, latest quarter on previous quarter | | | | | |
| | | IHYN | N3Y4 | IHYQ | N3Y7 |
| 2018 Q3 | | 1.2 | 1.0 | 0.6 | 0.5 |
| 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 | | -1.6 | -1.7 | -2.9 | -3.0 |
| Q2 | | -13.5 | -13.6 | -19.0 | -19.2 |
| Q3 | | 13.1 | 13.0 | 16.1 | 16.0 |
| Q4 | | 1.6 | 1.5 | 1.0 | 0.9 |
| Percentage change, latest quarter on corresponding quarter of previous year | | | | | |
| | | IHYO | N3Y5 | IHYR | N3Y8 |
| 2018 Q3 | | 4.2 | 3.6 | 1.4 | 0.8 |
| 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 | | 0.3 | -0.3 | -2.2 | -2.8 |
| Q2 | | -13.7 | -14.2 | -21.0 | -21.4 |
| Q3 | | -3.5 | -4.0 | -8.7 | -9.2 |
| Q4 | | -2.1 | -2.7 | -7.8 | -8.3 |

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

2 This data uses the UK resident population mid-year estimates published 26 June 2019

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

Revisions Analysis

Revisions since previously published estimates¹

continued

£ million

| | | 2020 Q1 | 2020 Q2 | 2020 Q3 |
|---|------|------------|------------|------------|
| Latest less previously published levels of GDP at current market prices | | | | |
| National accounts aggregates at current prices (Table A2) | | | | |
| Gross domestic product at market prices | KB7D | -3 889 | 51 | -1 297 |
| less Basic price adjustment | KB7E | 129 | -503 | -503 |
| Gross value added at basic prices | KB7F | -4 018 | 554 | -794 |
| Gross domestic product: expenditure at current prices (Table C1) | | | | |
| National expenditure on goods and services at market prices | | | | |
| Households | KB7K | 1 716 | 4 560 | 8 008 |
| Non-profit institutions serving households | KB7L | - | -5 | 12 |
| General government | KB7M | -1 933 | 1 409 | -989 |
| Gross fixed capital formation | KB7N | -460 | 1 199 | 3 659 |
| Changes in inventories | KB7O | -4 306 | -5 412 | -10 018 |
| Acquisitions less disposals of valuables | KB7P | -37 | -13 | 270 |
| Total | KB7Q | -5 020 | 1 738 | 942 |
| Total exports | KB7R | -875 | -4 278 | -3 921 |
| Total imports | KB7S | -919 | -135 | 1 251 |
| Statistical discrepancy (expenditure) | KB7T | 1 087 | 2 456 | 2 933 |
| Gross domestic product: income at current prices (Table D) | | | | |
| Compensation of employees | KB7U | -171 | 227 | -132 |
| Gross operating surplus of corporations | KB7V | -2 370 | -1 568 | -2 959 |
| Other income | KB7W | -87 | -281 | -185 |
| Gross value added at factor cost | KB7X | -2 628 | -1 622 | -3 276 |
| Taxes on products & production less Subsidies | KB7Y | -87 | -726 | -580 |
| Statistical discrepancy (income) | KB7Z | -1 174 | 2 399 | 2 559 |
| | | 2020 Q1 | 2020 Q2 | 2020 Q3 |
| Latest less previously published growth rates for GDP in chained volume terms | | | | |
| Percentage changes in volume of GDP (Table A2) | | | | |
| Gross domestic product chained volume measures | | | | |
| Quarter on quarter growth | KB82 | 0.1 | -0.2 | 0.1 |
| Quarter on same quarter a year earlier | KB94 | 0.2 | -0.2 | -0.1 |
| Percentage changes in volume of GVA output components (Table B1) | | | | |
| GVA at basic prices quarter on quarter growth | | | | |
| Agriculture, forestry and fishing | KB83 | -2.5 | -7.6 | -0.6 |
| Mining and quarrying inc oil & gas extraction | KB84 | -0.9 | -0.4 | -1.0 |
| Manufacturing | KB85 | - | -0.1 | 1.0 |
| Electricity, gas, steam and air | KB86 | - | 0.6 | 0.3 |
| Water supply, sewerage | KNT7 | -0.1 | - | 0.2 |
| Total Production | KB87 | -0.1 | -0.1 | 0.7 |
| Construction | KB88 | 0.3 | - | -0.5 |
| Distribution, hotels and catering; repairs | KB89 | -0.1 | 0.3 | 0.1 |
| Transport storage and communications | KB8A | -0.6 | 0.4 | -0.5 |
| Business services and finance | KB8B | - | 0.6 | 0.1 |
| Government and other services | KB8C | 1.0 | 1.6 | 0.3 |
| Total services | KB8D | 0.2 | 0.8 | - |
| Total GVA | KB8E | 0.1 | -0.3 | 0.1 |
| Total GVA excluding Oil | KB8F | 0.4 | 0.5 | 0.1 |
| Percentage changes in volume of GDP expenditure components (Table C2) | | | | |
| National expenditure on goods and services at market prices quarter on quarter growth | | | | |
| Households | KB8G | 0.3 | 1.2 | -0.2 |
| Non-profit institutions serving households | KB8H | -0.2 | -0.5 | -0.2 |
| General government | KB8I | 1.6 | -0.3 | 2.5 |
| Gross fixed capital formation | KB8J | -0.3 | 2.3 | 2.4 |
| Total | KB8K | - | 0.1 | 0.6 |
| Total exports | KB8L | -0.7 | -1.8 | -0.7 |
| Total imports | KB8M | -0.4 | 0.5 | 1.6 |

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

AA

Annex A - Growth and contributions to growth - output components of GDP¹

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 | Total Services | Distri- bution, hotels & catering | Transport storage and commu- nications | Business services and finance | Govern- ment and other services |
|--|--|---------------------|--|--------------------|-------------------------------------|------------------------------|------------------|-------------------|--|--|--|--|
| Percentage change, latest year on previous year | | | | | | | | | | | | |
| Growth | L3BB | L3BG | L3BH | L3BN | L3DM | L3DQ | L3DW | L3E2 | L3GP | KI8L | KI8N | KI8P |
| 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 | -9.4 | -8.6 | -9.5 | -9.9 | -4.5 | -1.7 | -12.5 | -8.9 | -14.9 | -11.1 | -5.2 | -9.8 |
| Contributions to growth² | | | | | | | | | | | | |
| | 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 | -1.14 | -0.10 | -0.96 | -0.06 | -0.02 | -0.82 | -7.07 | -1.98 | -1.22 | -1.71 | -2.15 |
| Percentage change, latest quarter on previous quarter | | | | | | | | | | | | |
| Growth | L3BB | L3BG | L3BH | L3BN | L3DM | L3DQ | L3DW | L3E2 | L3GP | KI8L | KI8N | KI8P |
| 2018 Q3 | 0.7 | 0.3 | 3.3 | -0.1 | 1.3 | 0.6 | 0.9 | 0.7 | 1.2 | 1.6 | 0.4 | 0.4 |
| 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 | -2.3 | -4.8 | -2.0 | -4.8 | 0.4 | -1.8 | -2.7 | -5.0 | -3.9 | -0.7 | -3.8 |
| Q2 | -13.6 | -16.5 | -2.8 | -20.9 | -6.7 | -5.7 | -32.7 | -17.4 | -33.5 | -16.1 | -9.9 | -19.9 |
| Q3 | 5.5 | 15.4 | -1.4 | 20.5 | 8.0 | 5.3 | 40.7 | 14.7 | 49.4 | 9.0 | 5.0 | 17.3 |
| Q4 | 0.7 | 1.8 | -5.9 | 3.3 | -1.9 | 1.0 | 4.6 | 0.6 | -7.1 | 2.0 | 1.4 | 3.6 |
| Contributions to growth² | | | | | | | | | | | | |
| | ZZ2F | ZZ2G | ZZ2I | ZZ2H | ZZ2J | ZZ2K | ZZ2L | ZZ2M | ZZ2N | ZZ2O | ZZ2P | ZZ2Q |
| 2018 Q3 | - | 0.04 | 0.03 | -0.01 | 0.02 | 0.01 | 0.06 | 0.56 | 0.16 | 0.17 | 0.15 | 0.08 |
| 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 | -0.30 | -0.05 | -0.19 | -0.07 | 0.01 | -0.12 | -2.18 | -0.67 | -0.43 | -0.23 | -0.85 |
| Q2 | -0.09 | -2.19 | -0.03 | -2.01 | -0.10 | -0.07 | -2.13 | -13.80 | -4.36 | -1.75 | -3.32 | -4.37 |
| Q3 | 0.04 | 2.10 | -0.02 | 1.92 | 0.13 | 0.08 | 2.20 | 11.94 | 5.29 | 1.01 | 1.85 | 3.77 |
| Q4 | - | 0.24 | -0.06 | 0.32 | -0.03 | 0.01 | 0.30 | 0.46 | -0.98 | 0.21 | 0.46 | 0.78 |
| Percentage change, latest quarter on corresponding quarter of previous year | | | | | | | | | | | | |
| Growth | L3ZZ | L426 | L427 | L42D | L44C | L44G | L44M | L44Q | L47F | KI12 | KI19 | KI18 |
| 2018 Q3 | -4.2 | 1.2 | 7.1 | 1.3 | -2.7 | -0.3 | 0.8 | 1.6 | 3.0 | 3.7 | 1.1 | 0.5 |
| 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 | -4.6 | -6.3 | -5.7 | -0.7 | 0.7 | -3.4 | -1.8 | -4.7 | -2.8 | - | -2.0 |
| Q2 | -14.3 | -19.2 | -7.1 | -23.4 | -10.6 | -6.8 | -35.0 | -19.0 | -36.8 | -18.9 | -9.9 | -21.9 |
| Q3 | -11.7 | -6.2 | -10.5 | -7.1 | -0.8 | -1.4 | -8.8 | -7.7 | -5.7 | -12.3 | -6.2 | -8.8 |
| Q4 | -12.1 | -4.2 | -14.1 | -3.5 | -5.8 | 0.7 | -2.8 | -7.3 | -12.3 | -10.4 | -4.8 | -6.4 |
| Contributions to growth² | | | | | | | | | | | | |
| | ZZ37 | ZZ39 | ZZ38 | ZZ3A | ZZ3B | ZZ3C | ZZ3D | ZZ3E | ZZ3F | ZZ3G | ZZ3H | ZZ3I |
| 2018 Q3 | -0.03 | 0.16 | 0.07 | 0.13 | -0.04 | - | 0.05 | 1.26 | 0.41 | 0.39 | 0.35 | 0.10 |
| 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 | -0.63 | -0.06 | -0.56 | -0.01 | 0.01 | -0.22 | -1.39 | -0.63 | -0.30 | -0.01 | -0.45 |
| Q2 | -0.09 | -2.57 | -0.07 | -2.27 | -0.15 | -0.09 | -2.30 | -15.04 | -4.92 | -2.08 | -3.22 | -4.81 |
| Q3 | -0.08 | -0.82 | -0.11 | -0.68 | -0.01 | -0.02 | -0.57 | -6.07 | -0.76 | -1.36 | -2.01 | -1.95 |
| Q4 | -0.08 | -0.56 | -0.14 | -0.33 | -0.08 | 0.01 | -0.18 | -5.78 | -1.64 | -1.15 | -1.58 | -1.41 |

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

2 Contributions are to output gross value added and therefore may not sum to the percentage change in average GDP. More information

on the difference between the 3 measures can be found in the Short Guide to National Accounts

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

AB

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

Chained Volume Measures

Seasonally adjusted data

Reference year 2018

| | Final consumption expenditure | | | | | | | | |
|---|-------------------------------|---|---|----------------------------|-------------------------------------|-----------------------------|------------------|--------------------------|-----------|
| | House- holds | Non-prof- it instit- utions ³ | General govern- ment ⁴ | Gross capital formation | Gross fixed capital formation | Business investme- nt | Total exports | less Total imports | Net trade |
| Percentage change, latest year on previous year | | | | | | | | | |
| Growth | | | | | | | | | |
| | KGZ5 | KH26 | KH2I | ZZ6H | KG7N | KG7M | KH2U | KH3N | |
| 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 | -10.7 | -19.3 | -5.7 | -14.0 | -8.7 | -10.7 | -16.7 | -18.1 | |
| Contributions to growth | | | | | | | | | |
| | 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 | -6.58 | -0.46 | -1.09 | -2.57 | -1.57 | -1.08 | -5.20 | -5.86 | 0.66 |
| Percentage change, latest quarter on previous quarter | | | | | | | | | |
| Growth | | | | | | | | | |
| | KGZ6 | KH27 | KH2J | ZZ5H | KG7Q | KG7P | KH2V | KH3O | |
| 2018 Q3 | 0.5 | 0.8 | 0.5 | -1.5 | 0.4 | -1.4 | 2.6 | 1.1 | |
| 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 | -2.7 | -5.3 | -1.8 | 9.1 | -1.2 | -0.6 | -13.8 | -7.4 | |
| Q2 | -21.0 | -24.5 | -14.8 | -33.9 | -20.5 | -22.1 | -10.4 | -20.3 | |
| Q3 | 19.3 | 6.5 | 12.9 | 42.4 | 20.3 | 14.5 | -1.1 | 13.3 | |
| Q4 | -0.2 | -0.5 | 6.4 | 13.6 | 2.1 | 1.3 | 0.1 | 8.9 | |
| Contributions to growth | | | | | | | | | |
| | ZZ5M | ZZ5N | ZZ5O | ZZ5P | ZZ5Q | ZZ5R | ZZ5S | ZZ5T | ZZ5U |
| 2018 Q3 | 0.30 | 0.02 | 0.09 | -0.27 | 0.07 | -0.14 | 0.80 | 0.35 | 0.45 |
| 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 | -1.68 | -0.13 | -0.35 | 1.43 | -0.22 | -0.06 | -4.49 | -2.30 | -2.19 |
| Q2 | -12.91 | -0.57 | -2.84 | -5.97 | -3.70 | -2.30 | -3.01 | -5.98 | 2.97 |
| Q3 | 11.62 | 0.14 | 2.61 | 6.09 | 3.61 | 1.44 | -0.35 | 3.87 | -4.22 |
| Q4 | -0.09 | -0.01 | 1.27 | 2.40 | 0.39 | 0.12 | 0.03 | 2.53 | -2.51 |
| Percentage change, latest quarter on corresponding quarter of previous year | | | | | | | | | |
| Growth | | | | | | | | | |
| | KGZ7 | KH28 | KH2K | ZZ5Y | KG7T | KG7S | KH2W | KH3P | |
| 2018 Q3 | 1.4 | 4.8 | 0.3 | 1.4 | 0.6 | -3.4 | 1.9 | 1.5 | |
| 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 | -2.4 | -3.8 | -0.4 | -20.8 | -2.6 | 1.0 | -6.4 | -17.1 | |
| Q2 | -23.3 | -26.3 | -17.1 | -37.9 | -21.7 | -21.8 | -15.5 | -27.4 | |
| Q3 | -8.6 | -22.9 | -5.6 | -8.4 | -7.0 | -11.6 | -20.7 | -19.0 | |
| Q4 | -8.4 | -24.3 | 0.5 | 16.7 | -3.5 | -10.3 | -23.5 | -8.9 | |
| Contributions to growth | | | | | | | | | |
| | ZZ65 | ZZ66 | ZZ67 | ZZ68 | ZZ69 | ZZ6A | ZZ6B | ZZ6C | ZZ6D |
| 2018 Q3 | 0.89 | 0.11 | 0.05 | 0.25 | 0.11 | -0.35 | 0.59 | 0.49 | 0.10 |
| 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 | -1.46 | -0.09 | -0.08 | -4.52 | -0.47 | 0.10 | -1.95 | -5.95 | 4.00 |
| Q2 | -14.41 | -0.61 | -3.30 | -6.94 | -3.89 | -2.19 | -4.66 | -8.68 | 4.02 |
| Q3 | -5.28 | -0.54 | -1.07 | -1.48 | -1.27 | -1.18 | -6.49 | -6.06 | -0.43 |
| Q4 | -5.17 | -0.58 | 0.09 | 2.61 | -0.63 | -1.04 | -7.66 | -2.75 | -4.91 |

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

2 This table does not include the contribution from the statistical

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

3 Non-profit institutions serving households

AC

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

Current Prices

Seasonally adjusted data

| | Compensation of employees | Gross operating surplus of corporations ³ | Other income ⁴ | Taxes on products & production less subsidies |
|--|---------------------------|--|---------------------------|---|
| Percentage change, latest year on previous year | | | | |
| Growth | | | | |
| | KGI3 | KH4V | KH6T | KH65 |
| 2018 | 4.1 | 2.3 | 3.9 | 2.9 |
| 2019 | 4.8 | 1.6 | 3.2 | 2.4 |
| 2020 | 2.8 | -2.9 | -2.2 | -49.0 |
| Contributions to growth | | | | |
| | ZZ7H | ZZ7I | ZZ7J | ZZ7K |
| 2018 | 1.98 | 0.48 | 0.69 | 0.35 |
| 2019 | 2.36 | 0.34 | 0.58 | 0.29 |
| 2020 | 1.39 | -0.62 | -0.40 | -5.91 |
| Percentage change, latest quarter on previous quarter | | | | |
| Growth | | | | |
| | KGI4 | KH4W | KH6U | KH66 |
| 2018 Q3 | 1.8 | 1.3 | 1.2 | -1.2 |
| 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 | 0.6 | -3.1 | -0.9 | -10.4 |
| Q2 | -2.7 | -8.4 | -3.7 | -97.2 |
| Q3 | 3.8 | 14.1 | 1.9 | 2 141.5 |
| Q4 | 2.4 | -0.3 | 1.2 | 2.2 |
| Contributions to growth | | | | |
| | ZZ6Z | ZZ72 | ZZ73 | ZZ74 |
| 2018 Q3 | 0.87 | 0.27 | 0.21 | -0.16 |
| 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 | 0.28 | -0.63 | -0.17 | -1.22 |
| Q2 | -1.37 | -1.72 | -0.66 | -10.39 |
| Q3 | 2.16 | 3.03 | 0.38 | 7.40 |
| Q4 | 1.27 | -0.06 | 0.22 | 0.15 |
| Percentage change, latest quarter on corresponding quarter of previous year | | | | |
| Growth | | | | |
| | KGI5 | KH4X | KH6V | KH67 |
| 2018 Q3 | 4.2 | 5.2 | 4.7 | 2.0 |
| 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 | 4.8 | -4.7 | -1.0 | -9.1 |
| Q2 | -0.2 | -8.0 | -4.3 | -97.6 |
| Q3 | 2.5 | -0.2 | -2.0 | -44.7 |
| Q4 | 4.0 | 1.0 | -1.6 | -42.4 |
| Contributions to growth | | | | |
| | ZZ79 | ZZ7A | ZZ7B | ZZ7C |
| 2018 Q3 | 2.04 | 1.09 | 0.82 | 0.24 |
| 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 | 2.37 | -1.03 | -0.18 | -1.09 |
| Q2 | -0.09 | -1.61 | -0.77 | -12.04 |
| Q3 | 1.26 | -0.05 | -0.35 | -5.38 |
| Q4 | 1.94 | 0.20 | -0.27 | -4.84 |

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

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

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

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

AD

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

Seasonally adjusted data

Reference year 2018

| | Final consumption expenditure | | | | | | |
|---|-------------------------------|---|----------------------------|-------------------------------|----------------------------------|------------------|--------------------------|
| | House- holds | Non-prof- it instit- utions ² | General govern- ment | Gross capital formation | Gross fixed capital formation | Total exports | less Total imports |
| Percentage change, latest year on previous year | | | | | | | |
| | ZZ93 | ZZ94 | ZZ95 | ZZ96 | ZZ97 | ZZ98 | ZZ99 |
| 2018 | 2.4 | 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 | 0.6 | 25.6 | 22.5 | 1.2 | 1.5 | -0.4 | -0.9 |
| Percentage change, latest quarter on previous quarter | | | | | | | |
| | ZZ8N | ZZ8O | ZZ8P | ZZ8Q | ZZ8R | ZZ8S | ZZ8T |
| 2018 Q3 | 0.2 | 0.2 | 0.7 | 2.5 | 0.5 | 0.8 | 1.2 |
| 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 | 0.5 | 6.1 | 2.0 | 3.2 | 0.2 | - | 0.1 |
| Q2 | -1.0 | 30.4 | 34.2 | 3.0 | 0.7 | -2.3 | -0.5 |
| Q3 | 1.1 | -5.7 | -11.1 | -3.4 | -0.4 | 1.2 | -0.2 |
| Q4 | -0.5 | 0.2 | 1.2 | 2.6 | 0.5 | 0.4 | 1.1 |
| Percentage change, latest quarter on corresponding quarter of previous year | | | | | | | |
| | ZZ8U | ZZ8V | ZZ8W | ZZ8X | ZZ8Y | ZZ8Z | ZZ92 |
| 2018 Q3 | 2.5 | 1.3 | 3.0 | 1.8 | 2.0 | 4.5 | 3.4 |
| 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 | 1.4 | 9.0 | 4.1 | 2.3 | 2.2 | 2.4 | 0.9 |
| Q2 | 0.1 | 37.6 | 43.1 | 0.7 | 1.4 | -2.4 | -2.2 |
| Q3 | 0.6 | 30.2 | 22.8 | -2.8 | 1.5 | -0.8 | -3.1 |
| Q4 | - | 30.7 | 23.0 | 5.3 | 1.0 | -0.8 | 0.5 |

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

² Non-profit institutions serving households

AE

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

Seasonally adjusted data

Reference year 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 | Total Services | Distri- bution, hotels & catering | Transport, storage and commu- nications | Business services and finance | Govern- ment & other services |
|--|--|---------------------|--|--------------------|-------------------------------------|------------------------------|-------------------|-------------------|--|---|--|--|
| Percentage change, latest year on previous year | | | | | | | | | | | | |
| Current estimates³ | | | | | | | | | | | | |
| | L3BB | L3BG | L3BH | L3BN | L3DM | L3DQ | L3DW | L3E2 | L3GP | KI8L | KI8N | KI8P |
| 2018 | -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 | -9.4 | -8.6 | -9.5 | -9.9 | -4.5 | -1.7 | -12.5 | -8.9 | -14.9 | -11.1 | -5.2 | -9.8 |
| Previous estimates² | | | | | | | | | | | | |
| | A2EQ | A2ER | A2ET | A2ES | A2EU | A2EV | A2EW | A2EY | A2F2 | A2F3 | A2F4 | A2F5 |
| 2018 | -3.3 | 0.9 | 5.3 | 1.1 | -1.2 | -1.4 | - | 1.6 | 2.8 | 3.4 | 1.1 | 0.6 |
| 2019 | 6.3 | -1.2 | -0.9 | -1.8 | 1.1 | 0.4 | 1.8 | 1.8 | 2.5 | 5.2 | 0.6 | 1.7 |
| 2020 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Revisions | | | | | | | | | | | | |
| | ZZ52 | ZZ53 | ZZ55 | ZZ54 | ZZ56 | ZZ57 | ZZ58 | ZZ59 | ZZ5A | ZZ5B | ZZ5C | ZZ5D |
| 2018 | - | - | - | - | - | - | - | - | - | - | - | - |
| 2019 | - | - | - | - | - | - | - | - | - | - | - | - |
| 2020 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Percentage change, latest quarter on previous quarter | | | | | | | | | | | | |
| Current estimates³ | | | | | | | | | | | | |
| | L3BB | L3BG | L3BH | L3BN | L3DM | L3DQ | L3DW | L3E2 | L3GP | KI8L | KI8N | KI8P |
| 2018 Q3 | 0.7 | 0.3 | 3.3 | -0.1 | 1.3 | 0.6 | 0.9 | 0.7 | 1.2 | 1.6 | 0.4 | 0.4 |
| 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 | -2.3 | -4.8 | -2.0 | -4.8 | 0.4 | -1.8 | -2.7 | -5.0 | -3.9 | -0.7 | -3.8 |
| Q2 | -13.6 | -16.5 | -2.8 | -20.9 | -6.7 | -5.7 | -32.7 | -17.4 | -33.5 | -16.1 | -9.9 | -19.9 |
| Q3 | 5.5 | 15.4 | -1.4 | 20.5 | 8.0 | 5.3 | 40.7 | 14.7 | 49.4 | 9.0 | 5.0 | 17.3 |
| Q4 | 0.7 | 1.8 | -5.9 | 3.3 | -1.9 | 1.0 | 4.6 | 0.6 | -7.1 | 2.0 | 1.4 | 3.6 |
| Previous estimates² | | | | | | | | | | | | |
| | A2CX | A2CY | A2DO | A2DL | A2DR | A2DS | A2DT | A2DU | A2DV | A2DW | A2DX | A2DY |
| 2018 Q3 | 0.7 | 0.3 | 3.3 | -0.1 | 1.3 | 0.6 | 0.9 | 0.7 | 1.2 | 1.6 | 0.4 | 0.4 |
| 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 | -1.7 | -2.2 | -3.9 | -2.0 | -4.8 | 0.5 | -2.1 | -2.9 | -4.9 | -3.3 | -0.7 | -4.8 |
| Q2 | -6.0 | -16.4 | -2.4 | -20.8 | -7.3 | -5.7 | -32.7 | -18.2 | -33.8 | -16.5 | -10.5 | -21.5 |
| Q3 | 6.1 | 14.7 | -0.4 | 19.5 | 7.7 | 5.1 | 41.2 | 14.7 | 49.3 | 9.5 | 4.9 | 17.0 |
| Revisions | | | | | | | | | | | | |
| | ZZ4A | ZZ4B | ZZ4D | ZZ4C | ZZ4E | ZZ4F | ZZ4G | ZZ4H | ZZ4I | ZZ4J | ZZ4K | ZZ4L |
| 2018 Q3 | - | - | - | - | - | - | - | - | - | - | - | - |
| Q4 | - | - | - | - | - | - | - | - | - | - | - | - |
| 2019 Q1 | - | - | - | - | - | - | - | - | - | - | - | - |
| Q2 | - | - | - | - | - | - | - | - | - | - | - | - |
| Q3 | - | - | - | - | - | - | - | - | - | - | - | - |
| Q4 | - | - | - | - | - | - | - | - | - | - | - | - |
| 2020 Q1 | -2.5 | -0.1 | -0.9 | - | - | -0.1 | 0.3 | 0.2 | -0.1 | -0.6 | - | 1.0 |
| Q2 | -7.6 | -0.1 | -0.4 | -0.1 | 0.6 | - | - | 0.8 | 0.3 | 0.4 | 0.6 | 1.6 |
| Q3 | -0.6 | 0.7 | -1.0 | 1.0 | 0.3 | 0.2 | -0.5 | - | 0.1 | -0.5 | 0.1 | 0.3 |

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

2 Previous estimate refers to estimates from the Quarterly National Accounts

3 Current estimate refers to the estimates released within this publication (GDP first quarterly estimate)

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

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

continued

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 | Total Services | Distri- bution, hotels & catering | Transport, storage and commu- nications | Business services and finance | Govern- ment & other services |
|---|--|---------------------|--|--------------------|-------------------------------------|------------------------------|-------------------|-------------------|--|---|--|--|
| Percentage growths, latest quarter on corresponding quarter of previous year | | | | | | | | | | | | |
| Current estimates³ | | | | | | | | | | | | |
| | L3ZZ | L426 | L427 | L42D | L44C | L44G | L44M | L44Q | L47F | KII2 | KIH9 | KIH8 |
| 2018 Q3 | -4.2 | 1.2 | 7.1 | 1.3 | -2.7 | -0.3 | 0.8 | 1.6 | 3.0 | 3.7 | 1.1 | 0.5 |
| 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 | -4.6 | -6.3 | -5.7 | -0.7 | 0.7 | -3.4 | -1.8 | -4.7 | -2.8 | - | -2.0 |
| Q2 | -14.3 | -19.2 | -7.1 | -23.4 | -10.6 | -6.8 | -35.0 | -19.0 | -36.8 | -18.9 | -9.9 | -21.9 |
| Q3 | -11.7 | -6.2 | -10.5 | -7.1 | -0.8 | -1.4 | -8.8 | -7.7 | -5.7 | -12.3 | -6.2 | -8.8 |
| Q4 | -12.1 | -4.2 | -14.1 | -3.5 | -5.8 | 0.7 | -2.8 | -7.3 | -12.3 | -10.4 | -4.8 | -6.4 |
| Previous estimates² | | | | | | | | | | | | |
| | A2DZ | A2E2 | A2E4 | A2E3 | A2E5 | A2EE | A2EK | A2EL | A2EM | A2EN | A2EO | A2EP |
| 2018 Q3 | -4.2 | 1.2 | 7.1 | 1.3 | -2.7 | -0.3 | 0.8 | 1.6 | 3.0 | 3.7 | 1.1 | 0.5 |
| 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 | 3.6 | -4.5 | -5.3 | -5.7 | -0.7 | 0.8 | -3.7 | -2.0 | -4.6 | -2.1 | -0.1 | -3.1 |
| Q2 | -4.3 | -19.0 | -5.7 | -23.3 | -11.1 | -6.8 | -35.1 | -20.0 | -37.0 | -18.9 | -10.5 | -24.3 |
| Q3 | -0.8 | -6.5 | -8.3 | -7.6 | -1.7 | -1.5 | -8.6 | -8.8 | -6.0 | -11.9 | -6.8 | -11.9 |
| Revisions | | | | | | | | | | | | |
| | ZZ4N | ZZ4O | ZZ4Q | ZZ4P | ZZ4R | ZZ4S | ZZ4T | ZZ4U | ZZ4V | ZZ4W | ZZ4X | ZZ4Y |
| 2018 Q3 | - | - | - | - | - | - | - | - | - | - | - | - |
| Q4 | - | - | - | - | - | - | - | - | - | - | - | - |
| 2019 Q1 | - | - | - | - | - | - | - | - | - | - | - | - |
| Q2 | - | - | - | - | - | - | - | - | - | - | - | - |
| Q3 | - | - | - | - | - | - | - | - | - | - | - | - |
| Q4 | - | - | - | - | - | - | - | - | - | - | - | - |
| 2020 Q1 | -2.6 | -0.1 | -1.0 | - | - | -0.1 | 0.3 | 0.2 | -0.1 | -0.7 | 0.1 | 1.1 |
| Q2 | -10.0 | -0.2 | -1.4 | -0.1 | 0.5 | - | 0.1 | 1.0 | 0.2 | - | 0.6 | 2.4 |
| Q3 | -10.9 | 0.3 | -2.2 | 0.5 | 0.9 | 0.1 | -0.2 | 1.1 | 0.3 | -0.4 | 0.6 | 3.1 |

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

2 Previous estimate refers to estimates from the Quarterly National Accounts

3 Current estimate refers to the estimates released within this publication (GDP first quarterly estimate)

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

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

Seasonally adjusted data

Reference year 2018

| Final consumption expenditure | | | | | | | | |
|--|-------------|---|----------------------------|----------------------------|-------------------------------------|----------------------------|------------------|--------------------------|
| | House-holds | Non-prof- it instit- utions ³ | General govern- ment | Gross Capital Formation | Gross Fixed Capital Formation | Business investme nt | Total exports | less Total imports |
| Percentage change, latest year on previous year | | | | | | | | |
| Current estimates⁴ | | | | | | | | |
| | 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 | -10.7 | -19.3 | -5.7 | -14.0 | -8.7 | -10.7 | -16.7 | -18.1 |
| Previous estimates² | | | | | | | | |
| | A275 | A276 | A289 | A28J | A28L | A29D | A29F | A2CK |
| 2018 | 1.3 | 5.6 | 0.6 | 0.9 | 0.4 | -2.5 | 3.0 | 2.7 |
| 2019 | 1.1 | 1.5 | 4.0 | 1.2 | 1.5 | 1.1 | 2.7 | 2.7 |
| 2020 | .. | .. | .. | .. | .. | .. | .. | .. |
| Revisions | | | | | | | | |
| | ZZ83 | ZZ84 | ZZ85 | ZZ86 | ZZ87 | ZZ88 | ZZ89 | ZZ8A |
| 2018 | - | - | - | - | - | - | - | - |
| 2019 | - | - | - | - | - | - | - | - |
| 2020 | .. | .. | .. | .. | .. | .. | .. | .. |
| Percentage change, latest quarter on previous quarter | | | | | | | | |
| Current estimates⁴ | | | | | | | | |
| | KGZ6 | KH27 | KH2J | ZZ5H | KG7Q | KG7P | KH2V | KH3O |
| 2018 Q3 | 0.5 | 0.8 | 0.5 | -1.5 | 0.4 | -1.4 | 2.6 | 1.1 |
| 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 | -2.7 | -5.3 | -1.8 | 9.1 | -1.2 | -0.6 | -13.8 | -7.4 |
| Q2 | -21.0 | -24.5 | -14.8 | -33.9 | -20.5 | -22.1 | -10.4 | -20.3 |
| Q3 | 19.3 | 6.5 | 12.9 | 42.4 | 20.3 | 14.5 | -1.1 | 13.3 |
| Q4 | -0.2 | -0.5 | 6.4 | 13.6 | 2.1 | 1.3 | 0.1 | 8.9 |
| Previous estimates² | | | | | | | | |
| | A24M | A24X | A24Y | A25I | A25J | A25M | A264 | A268 |
| 2018 Q3 | 0.5 | 0.8 | 0.5 | -1.5 | 0.4 | -1.4 | 2.6 | 1.1 |
| 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 | -3.0 | -5.1 | -3.4 | 11.9 | -0.9 | -0.7 | -13.1 | -7.0 |
| Q2 | -22.2 | -24.0 | -14.5 | -30.4 | -22.8 | -25.4 | -8.6 | -20.8 |
| Q3 | 19.5 | 6.7 | 10.4 | 38.8 | 17.9 | 9.4 | -0.4 | 11.7 |
| Revisions | | | | | | | | |
| | ZZ7L | ZZ7M | ZZ7N | ZZ7O | ZZ7P | ZZ7Q | ZZ7R | ZZ7S |
| 2018 Q3 | - | - | - | - | - | - | - | - |
| Q4 | - | - | - | - | - | - | - | - |
| 2019 Q1 | - | - | - | - | - | - | - | - |
| Q2 | - | - | - | - | - | - | - | - |
| Q3 | - | - | - | - | - | - | - | - |
| Q4 | - | - | - | - | - | - | - | - |
| 2020 Q1 | 0.3 | -0.2 | 1.6 | -2.8 | -0.3 | 0.1 | -0.7 | -0.4 |
| Q2 | 1.2 | -0.5 | -0.3 | -3.5 | 2.3 | 3.3 | -1.8 | 0.5 |
| Q3 | -0.2 | -0.2 | 2.5 | 3.6 | 2.4 | 5.1 | -0.7 | 1.6 |

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

2 Previous estimates refers to estimates from the Quarterly National Accounts

3 Non-profit institutions serving households

4 Current estimates refers to the estimates within this publication (GDP first quarterly estimate)

AF

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

continued

Seasonally adjusted data

Reference year 2018

| Final consumption expenditure | | | | | | | | |
|--|-------------|--|---------------------|-------------------------|-------------------------------|----------------------|---------------|--------------------|
| | House-holds | Non-prof-it instit-utions ³ | General govern-ment | Gross capital formation | Gross fixed capital formation | Business investme-nt | Total exports | less Total imports |
| Percentage change, latest quarter on corresponding quarter of the previous year | | | | | | | | |
| Current estimates⁴ | | | | | | | | |
| | KGZ7 | KH28 | KH2K | ZZ5Y | KG7T | KG7S | KH2W | KH3P |
| 2018 Q3 | 1.4 | 4.8 | 0.3 | 1.4 | 0.6 | -3.4 | 1.9 | 1.5 |
| 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 | -2.4 | -3.8 | -0.4 | -20.8 | -2.6 | 1.0 | -6.4 | -17.1 |
| Q2 | -23.3 | -26.3 | -17.1 | -37.9 | -21.7 | -21.8 | -15.5 | -27.4 |
| Q3 | -8.6 | -22.9 | -5.6 | -8.4 | -7.0 | -11.6 | -20.7 | -19.0 |
| Q4 | -8.4 | -24.3 | 0.5 | 16.7 | -3.5 | -10.3 | -23.5 | -8.9 |
| Previous estimates² | | | | | | | | |
| | A26C | A26H | A26I | A26J | A26K | A26L | A26M | A26N |
| 2018 Q3 | 1.4 | 4.8 | 0.3 | 1.4 | 0.6 | -3.4 | 1.9 | 1.5 |
| 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 | -2.7 | -3.5 | -2.0 | -18.8 | -2.3 | 0.9 | -5.7 | -16.8 |
| Q2 | -24.7 | -25.6 | -18.1 | -33.0 | -23.8 | -25.2 | -13.1 | -27.6 |
| Q3 | -10.1 | -21.9 | -8.8 | -3.7 | -11.3 | -19.2 | -17.8 | -20.3 |
| Revisions | | | | | | | | |
| | ZZ7T | ZZ7U | ZZ7V | ZZ7W | ZZ7X | ZZ7Y | ZZ7Z | ZZ82 |
| 2018 Q3 | - | - | - | - | - | - | - | - |
| Q4 | - | - | - | - | - | - | - | - |
| 2019 Q1 | - | - | - | - | - | - | - | - |
| Q2 | - | - | - | - | - | - | - | - |
| Q3 | - | - | - | - | - | - | - | - |
| Q4 | - | - | - | - | - | - | - | - |
| 2020 Q1 | 0.3 | -0.3 | 1.6 | -2.0 | -0.3 | 0.1 | -0.7 | -0.3 |
| Q2 | 1.4 | -0.7 | 1.0 | -4.9 | 2.1 | 3.4 | -2.4 | 0.2 |
| Q3 | 1.5 | -1.0 | 3.2 | -4.7 | 4.3 | 7.6 | -2.9 | 1.3 |

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

2 Previous estimates refers to the estimates from Quarterly National Accounts

3 Non-profit institutions serving households

4 Current estimates refers to the estimates within this publication (GDP first quarterly estimate)

AG

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

Seasonally adjusted data

| | Compensation of employees | Gross operating surplus of corporations | Other income | Taxes on products & production less subsidies |
|--|---------------------------|---|--------------|---|
| Percentage change, latest year on previous year | | | | |
| Current estimates³ | | | | |
| | KGI3 | KH4V | KH6T | KH65 |
| 2018 | 4.1 | 2.3 | 3.9 | 2.9 |
| 2019 | 4.8 | 1.6 | 3.2 | 2.4 |
| 2020 | 2.8 | -2.9 | -2.2 | -49.0 |
| Previous estimates² | | | | |
| | A2CT | A2CU | A2CV | A2CW |
| 2018 | 4.1 | 2.3 | 3.9 | 2.9 |
| 2019 | 4.8 | 1.6 | 3.2 | 2.4 |
| 2020 | .. | .. | .. | .. |
| Revisions | | | | |
| | ZZ8J | ZZ8K | ZZ8L | ZZ8M |
| 2018 | - | - | - | - |
| 2019 | - | - | - | - |
| 2020 | .. | .. | .. | .. |
| Percentage change, latest quarter on previous quarter | | | | |
| Current estimates³ | | | | |
| | KGI4 | KH4W | KH6U | KH66 |
| 2018 Q3 | 1.8 | 1.3 | 1.2 | -1.2 |
| 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 | 0.6 | -3.1 | -0.9 | -10.4 |
| Q2 | -2.7 | -8.4 | -3.7 | -97.2 |
| Q3 | 3.8 | 14.1 | 1.9 | 2 141.5 |
| Q4 | 2.4 | -0.3 | 1.2 | 2.2 |
| Previous estimates² | | | | |
| | A2CL | A2CM | A2CN | A2CO |
| 2018 Q3 | 1.8 | 1.3 | 1.2 | -1.2 |
| 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 | 0.6 | -1.0 | -0.9 | -10.3 |
| Q2 | -2.8 | -8.9 | -3.5 | -96.0 |
| Q3 | 3.9 | 15.2 | 1.8 | 1 480.2 |
| Revisions | | | | |
| | ZZ8B | ZZ8C | ZZ8D | ZZ8E |
| 2018 Q3 | - | - | - | - |
| Q4 | - | - | - | - |
| 2019 Q1 | - | - | - | - |
| Q2 | - | - | - | - |
| Q3 | - | - | - | - |
| Q4 | - | - | - | - |
| 2020 Q1 | - | -2.1 | - | -0.1 |
| Q2 | 0.1 | 0.5 | -0.2 | -1.2 |
| Q3 | -0.1 | -1.1 | 0.1 | 661.3 |

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

2 Previous estimates refers to estimates from the Quarterly National Accounts

3 Current estimates refers to estimates within this publication (GDP first quarterly estimate)

AG

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

continued

Seasonally adjusted data

| | Compen- sation of employees | Gross operating surplus of corporations | Other income | Taxes on products & production less subsidies |
|--|-----------------------------------|---|--------------|---|
| Percentage change, latest quarter on corresponding quarter of previous year | | | | |
| Current estimates³ | | | | |
| | KGI5 | KH4X | KH6V | KH67 |
| 2018 Q3 | 4.2 | 5.2 | 4.7 | 2.0 |
| 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 | 4.8 | -4.7 | -1.0 | -9.1 |
| Q2 | -0.2 | -8.0 | -4.3 | -97.6 |
| Q3 | 2.5 | -0.2 | -2.0 | -44.7 |
| Q4 | 4.0 | 1.0 | -1.6 | -42.4 |
| Previous estimates² | | | | |
| | A2CP | A2CQ | A2CR | A2CS |
| 2018 Q3 | 4.2 | 5.2 | 4.7 | 2.0 |
| 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 | -2.7 | -0.9 | -9.0 |
| Q2 | -0.3 | -6.6 | -4.0 | -96.5 |
| Q3 | 2.6 | 2.3 | -1.8 | -43.8 |
| Revisions | | | | |
| | ZZ8F | ZZ8G | ZZ8H | ZZ8I |
| 2018 Q3 | - | - | - | - |
| Q4 | - | - | - | - |
| 2019 Q1 | - | - | - | - |
| Q2 | - | - | - | - |
| Q3 | - | - | - | - |
| Q4 | - | - | - | - |
| 2020 Q1 | -0.1 | -2.0 | -0.1 | -0.1 |
| Q2 | 0.1 | -1.4 | -0.3 | -1.1 |
| Q3 | -0.1 | -2.5 | -0.2 | -0.9 |

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

2 Previous estimates refers to estimates from the Quarterly National Accounts

3 Current estimate refers to estimates within this publication (GDP first quarterly estimate)