

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.

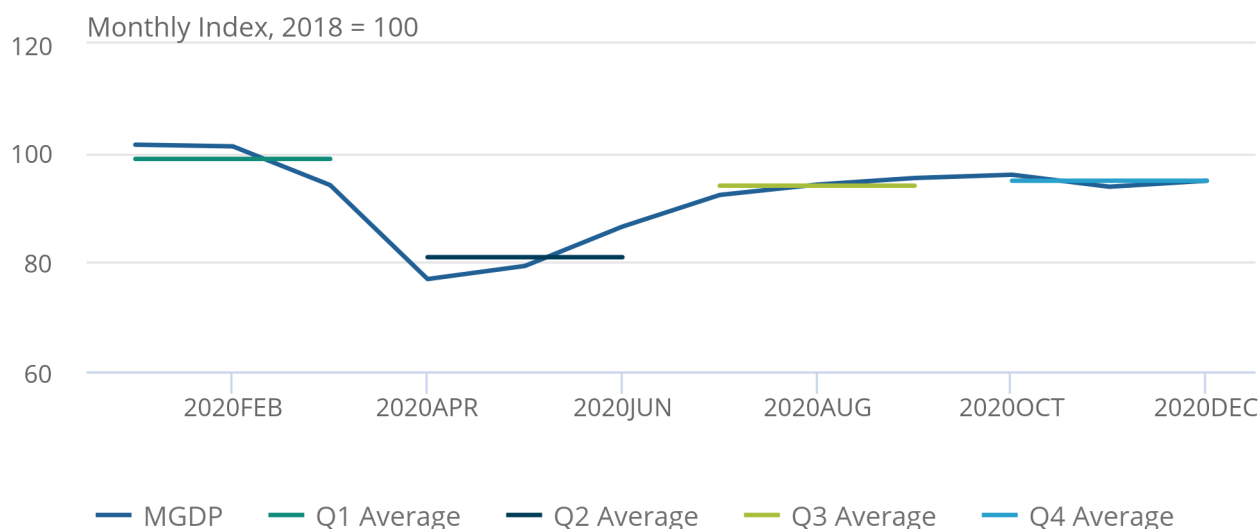
GDP increased by 1.2% in December 2020 as restrictions were eased early in the month in many parts of the UK. The largest contributor to this increase was accommodation and food service activities and other services, as the easing of restrictions across many parts of the UK in early December boosted 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

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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.

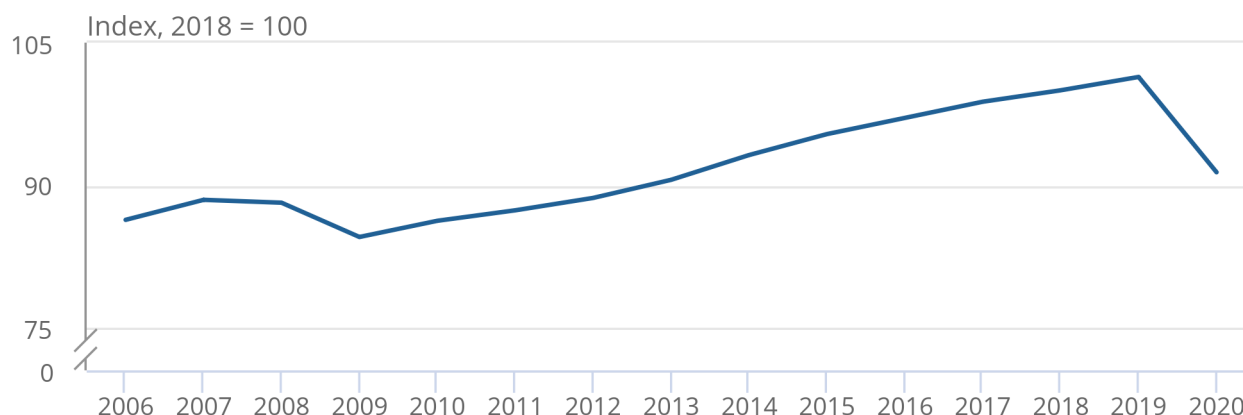
Over the year as a whole, GDP contracted by 9.9% in 2020, marking the largest annual fall in UK GDP on record (Figure 2).

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

UK, Index, 2006 to 2020, 2018 = 100

Figure 2: Annual GDP 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 <sup>3</sup>	GDP	Compensation of employees	GDP implied deflator
<b>Seasonally adjusted</b>							
<b>2019</b>	1.4	1.1	1.5	0.9	3.6	4.8	2.1
<b>2020</b>	-9.9	-10.7	-8.7	-10.5	-4.8	2.8	5.7
<b>Q1 2019</b>	0.6	0.0	2.1	0.4	1.3	0.2	0.8
<b>Q2 2019</b>	0.1	0.6	-1.1	0.0	0.6	2.2	0.4
<b>Q3 2019</b>	0.5	0.1	1.3	0.3	1.1	1.0	0.6
<b>Q4 2019</b>	0.0	-0.3	-1.6	-0.1	0.2	0.9	0.2
<b>Q1 2020</b>	-2.9	-2.7	-1.2	-3.0	-1.6	0.6	1.3
<b>Q2 2020</b>	-19.0	-21.0	-20.5	-19.2	-13.5	-2.7	6.9
<b>Q3 2020</b>	16.1	19.3	20.3	16.0	13.1	3.8	-2.6
<b>Q4 2020</b>	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

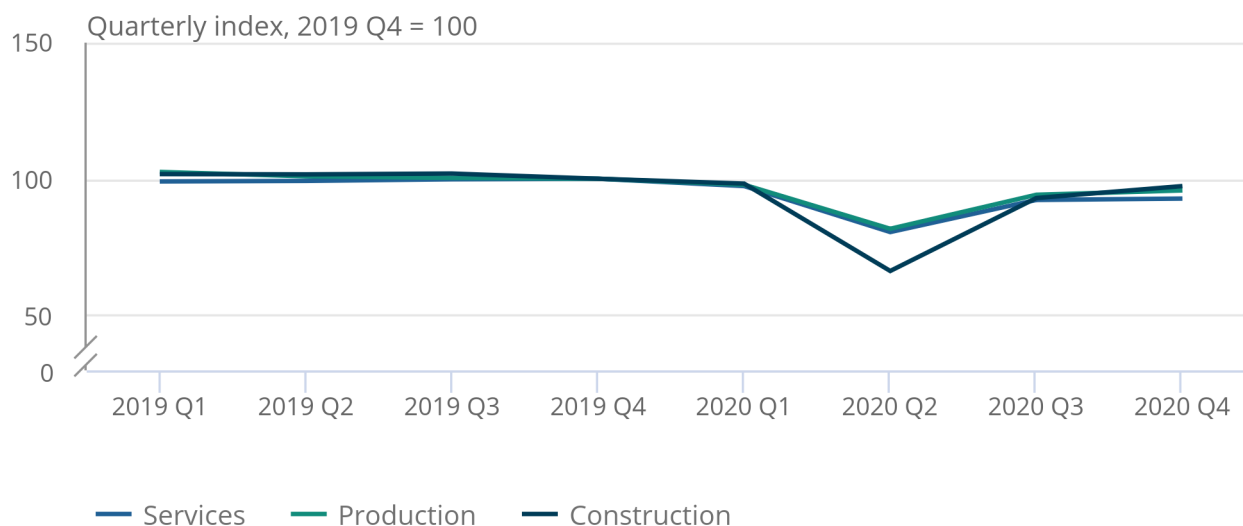
In Quarter 4 (Oct to Dec) 2020, there have been increases in services, production and construction output, although the output of these industries all remained below pre-pandemic (Quarter 4 2019) levels in Quarter 4 2020 (Figure 3). Services output fell by 8.9% in 2020, while there was a 8.6% decline 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.

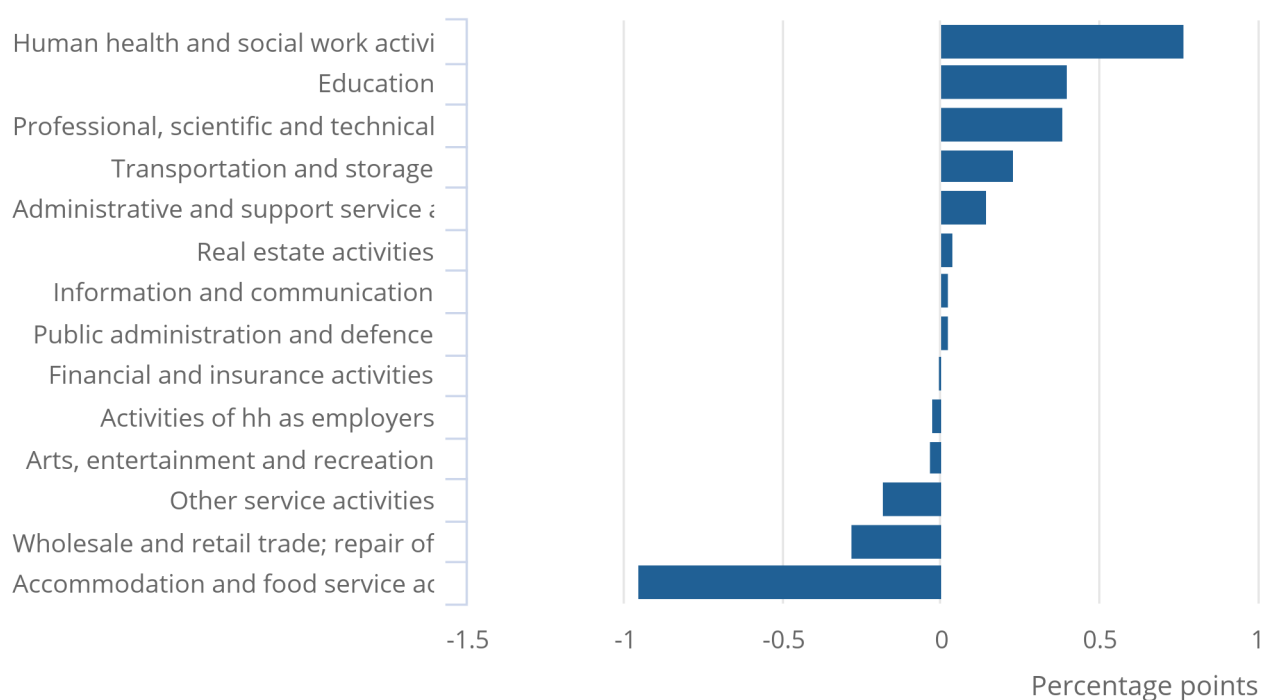


**Figure 4: Services output grew by 0.6% in Quarter 4 2020, despite restrictions in place across some of the quarter**

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

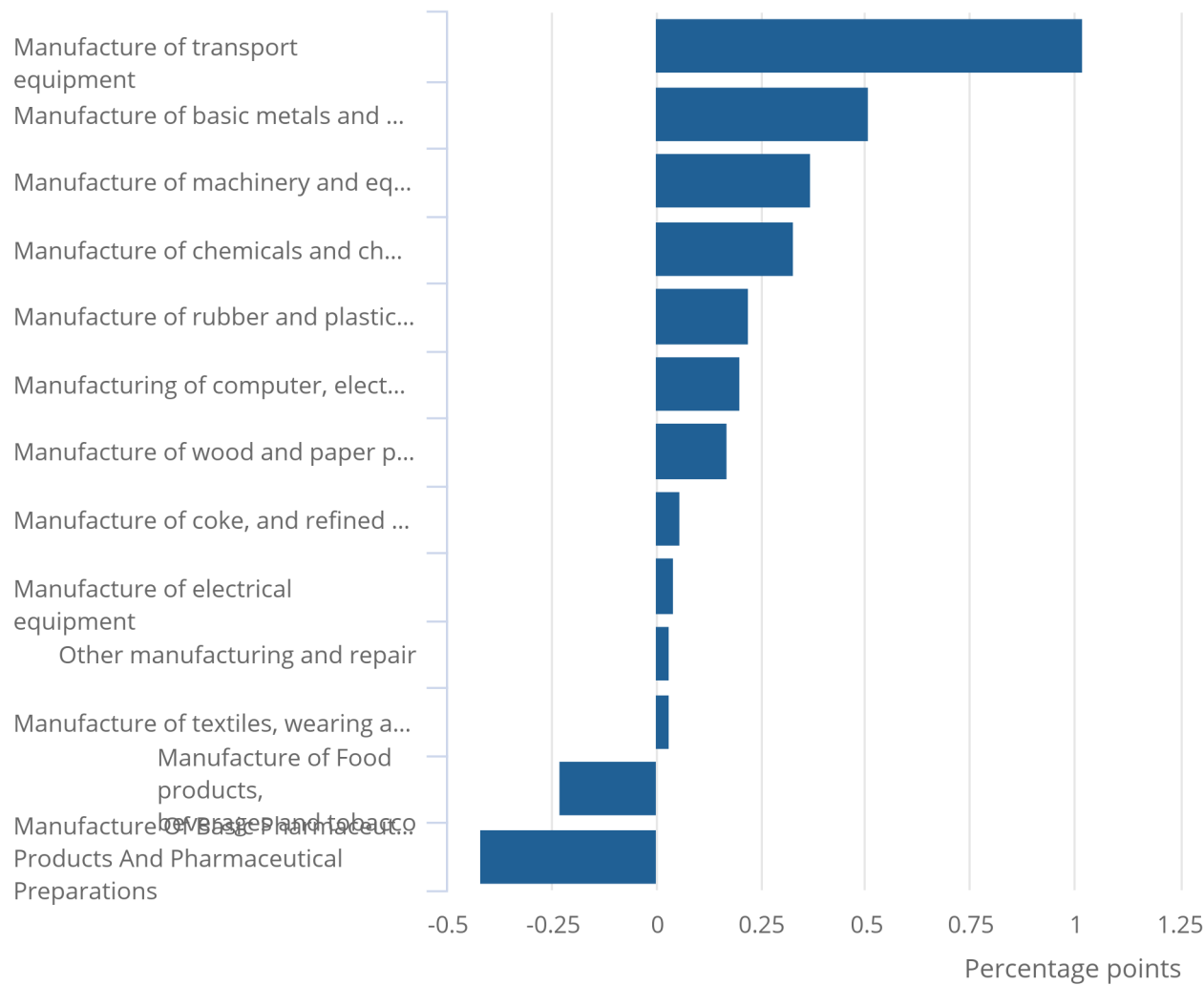
In Quarter 4 2020, production output increased by 1.8% and is now 4.2% lower than its Quarter 4 2019 level, with manufacturing 3.5% below pre-pandemic (Quarter 4 2019) levels (Figure 5). Manufacturing increased by 3.3% in Quarter 4 2020, driven by increases in 11 out of 13 manufacturing sub-sectors, 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

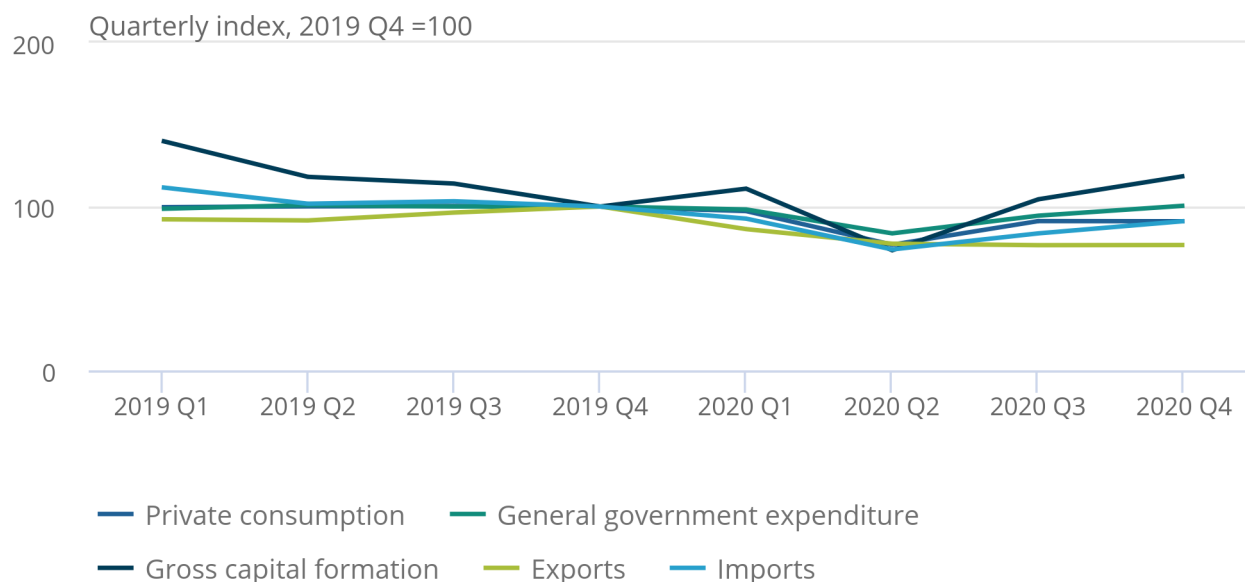
The expenditure measure of real gross domestic product (GDP) increased by 1.0% in Quarter 4 (Oct to Dec) 2020, following a 16.1% increase in Quarter 3 (July to Sept) 2020. There was an increase in real government expenditure in Quarter 4, particularly an increase in the volume of healthcare and education. 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.

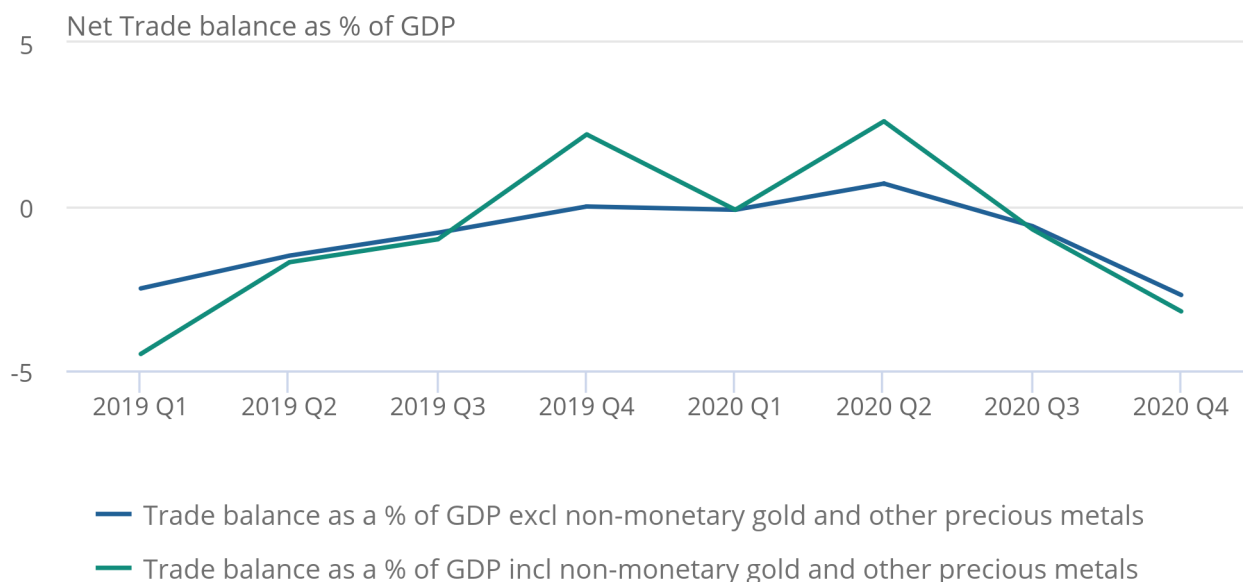
There was a contraction in services trade in Quarter 4 in which exports fell by 9.2% and imports by 7%, with the main driver being other business services. Falls were also seen across intellectual property, telecommunications, computer and information services and travel services.

**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).

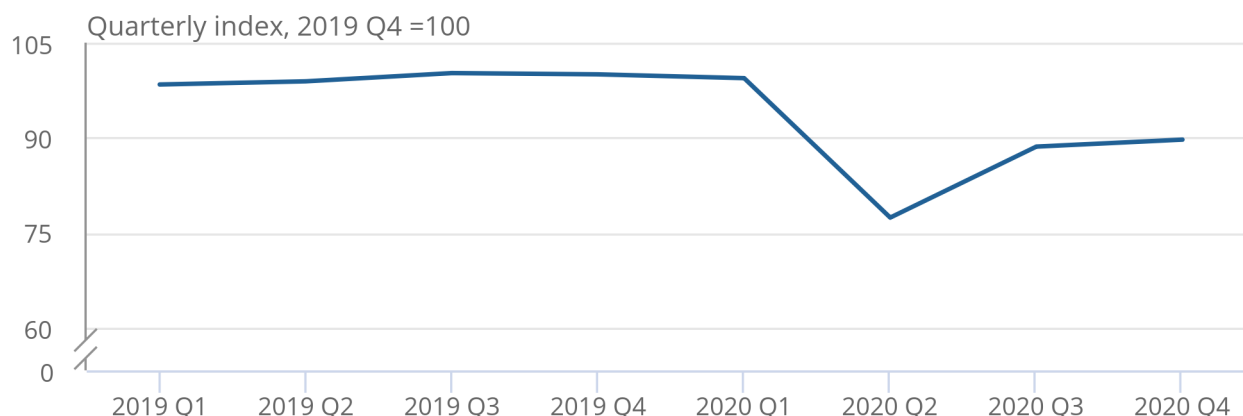
According to the Quarter 4 2020 [Bank of England Agents' Summary of Business Conditions](#), "investment tended to be limited to essential equipment or maintenance, rather than discretionary or strategic projects", because of "concerns about the strength of the recovery, uncertainty about the outlook, 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

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

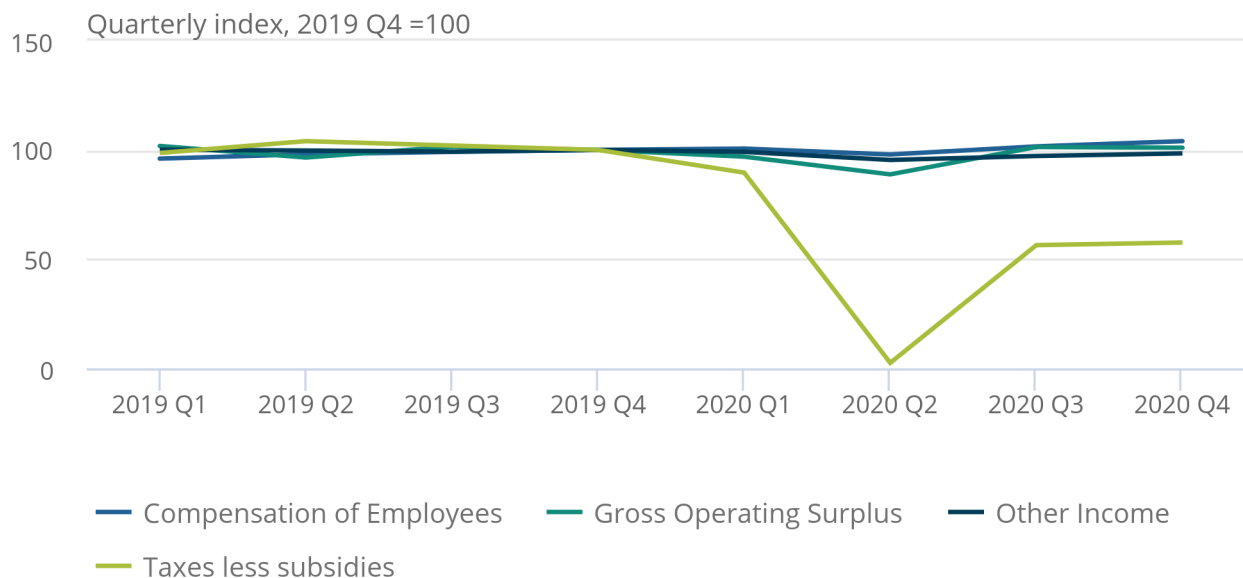
Nominal gross domestic product (GDP) increased by 1.6% in Quarter 4 (Oct to Dec) 2020, though it remains 2.1% below its pre-pandemic (Quarter 4 2019) level (Figure 9). Compensation of employees (CoE) increased by 2.4% in Quarter 4, mainly driven by an increase in wages and salaries, which grew by 2.1%. 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

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

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

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. 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

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



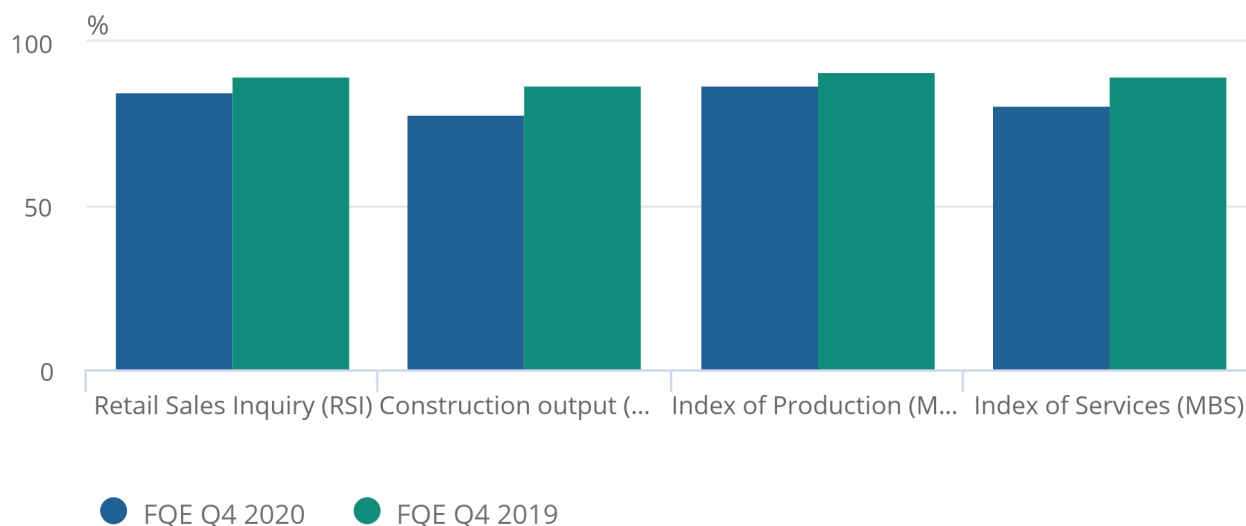
## Coronavirus (COVID-19) impact on response rates

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

Quarter 4 (Oct to Dec) 2020 and Quarter 4 (Oct to Dec) 2019

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

Quarter 4 (Oct to Dec) 2020 and Quarter 4 (Oct to Dec) 2019



**Source: Office for National Statistics – GDP first quarterly estimate**

**Notes:**

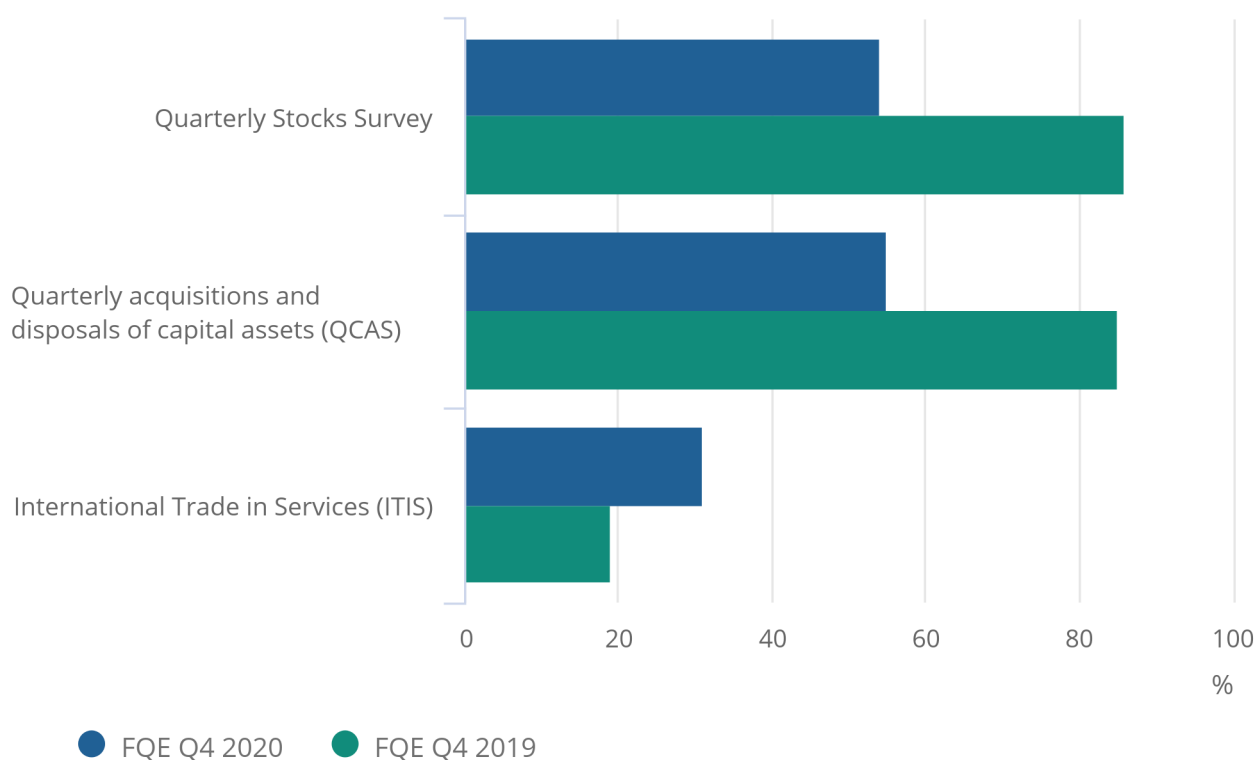
1. FQE refers to GDP first quarterly estimate. Q4 refers to Quarter 4 (Oct to Dec).
2. Chart shows Monthly Business Survey (MBS) and Retail Sales Index (RSI) turnover response rates.
3. For MBS and RSI, an average of the October, November and December response rates have been taken to produce the Quarter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

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

Quarter 4 (Oct to Dec) 2020 and Quarter 4 (Oct to Dec) 2019

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

Quarter 4 (Oct to Dec) 2020 and Quarter 4 (Oct to Dec) 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 (Oct to Dec) 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<sup>1,2</sup>

2018 = 100

	Value indices at current prices		Chained volume indices			Implied deflators <sup>3</sup>		
	Gross domestic product at market prices	Gross value added at basic prices	Gross domestic product at market prices	Gross value added at basic prices	Market sector gross value added	Gross national expenditure	Gross domestic product at market prices	Gross value added at basic prices
	YBEU	YBEX	YBEZ	CGCE	L48H	YBFV	YBGB	CGBV
2018	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2019	103.6	103.7	101.4	101.6	101.3	102.1	102.1	102.1
2020	98.7	100.1	91.4	91.4	90.3	107.8	108.0	109.5
<b>Seasonally adjusted</b>								
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
<b>Percentage change, latest year on previous year</b>								
	IHYM	KGL6	IHYP	KGM7	L489	KH7D	IHYS	KGM4
2018	3.5	3.6	1.3	1.3	1.7	2.1	2.2	2.2
2019	3.6	3.7	1.4	1.6	1.3	2.1	2.1	2.1
2020	-4.8	-3.4	-9.9	-10.0	-10.8	5.5	5.7	7.3
<b>Percentage change, latest quarter on previous quarter</b>								
	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
<b>Percentage change, latest quarter on corresponding quarter of previous year</b>								
	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 aggregates<sup>1</sup>

£ million

	Current prices			Chained volume measures (Reference year 2018)			
	Gross domestic product at market prices	less Basic price adjustment <sup>2</sup>	Gross value added at basic prices	Gross domestic product at market prices	less Basic price adjustment <sup>2</sup>	Gross value added at basic prices	Gross value added excluding oil & gas <sup>3</sup>
	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
<b>Seasonally adjusted</b>							
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
<b>Percentage change, latest year on previous year</b>							
	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
<b>Percentage change, latest quarter on previous quarter</b>							
	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
<b>Percentage change, latest quarter on corresponding quarter of previous year</b>							
	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<sup>1,2</sup>

2018 = 100

	Production						Service industries						Gross value added <sup>4</sup>	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		
<b>2018 Weights<sup>3</sup></b>	6	11	101	14	13	139	64	134	106	332	218	790	1000	991
	L2KL	L2KR	L2KX	L2MW	L2N2	L2KQ	L2N8	L2PZ	KI8M	KI8O	KI8Q	L2NC	CGCE	KLH7
2018	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2019	106.3	99.1	98.2	101.1	100.4	98.8	101.8	102.5	105.2	100.6	101.7	101.8	101.6	101.6
2020	96.3	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
<b>Seasonally adjusted</b>														
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
<b>Percentage change, latest year on previous year</b>														
	L3BB	L3BH	L3BN	L3DM	L3DQ	L3BG	L3DW	L3GP	KI8L	KI8N	KI8P	L3E2	KGM7	KLH8
2018	-3.3	5.3	1.1	-1.2	-1.4	0.9	-	2.8	3.4	1.1	0.6	1.6	1.3	1.3
2019	6.3	-0.9	-1.8	1.1	0.4	-1.2	1.8	2.5	5.2	0.6	1.7	1.8	1.6	1.6
2020	-9.4	-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
<b>Percentage change, latest quarter on previous quarter</b>														
													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
<b>Percentage change, latest quarter on corresponding quarter of previous year</b>														
	L3ZZ	L427	L42D	L44C	L44G	L426	L44M	L47F	KI12	KI19	KI18	L44Q	KGN3	KLH9
2018 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<sup>1,2</sup>

2018 = 100

	Service industries										
	Wholesale and retail trade	Transport storage and communications	Accommodation & food services	Financial and insurance activities	Real estate	Professional scientific admin & support	Public admin, defence, social security	Education	Health and social work	Other services <sup>4</sup>	Total services
<b>2018 Weights<sup>3</sup></b>	104	106	29	68	135	130	49	57	75	37	790
	L2NE	KI8M	L2NQ	L2O6	L2OC	L2OH	L2P8	L2PA	L2PC	L2Q5	L2NC
2018	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2019	102.4	105.2	102.5	97.4	100.6	102.2	102.1	102.9	101.1	100.2	101.8
2020	95.6	93.5	57.4	94.1	99.4	91.6	104.3	90.3	92.8	75.0	92.7
<b>Seasonally adjusted</b>											
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
<b>Percentage change, latest year on previous year</b>											
	L3E4	KI8L	L3EG	L3EU	L3F2	L3F7	L3FW	L3FY	L3G2	L3GT	L3E2
2018	3.1	3.4	1.4	-0.9	-0.7	4.1	0.7	0.2	0.6	1.2	1.6
2019	2.4	5.2	2.5	-2.6	0.6	2.2	2.1	2.9	1.1	0.2	1.8
2020	-6.7	-11.1	-44.0	-3.4	-1.2	-10.3	2.1	-12.2	-8.2	-25.2	-8.9
<b>Percentage change, latest quarter on previous quarter</b>											
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
<b>Percentage change, latest quarter on corresponding quarter of the previous year</b>											
	L44S	KI12	L456	L45K	L45Q	L45V	L46M	L46O	L46Q	L47J	L44Q
2018 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 prices<sup>1</sup>

£ million

National expenditure on goods and services at market prices																
Final consumption expenditure			Gross capital formation													
	Households	Non-profit institutions <sup>2</sup>	General government	Gross fixed capital formation	Of which business investment <sup>3</sup>	Change in inventories <sup>4</sup>	Of which alignment adjustment	Acquisitions less disposals of valuables <sup>5</sup>	Total	Exports	Gross final expenditure	less imports	Trade balance <sup>6</sup>	Statistical discrepancy (expenditure)	Gross domestic product at market prices	
	ABJQ	HAYE	NMRP	NPQS	NPEK	CAEX	DMUN	NPJQ	YBIL	IKBH	ABMF	IKBI	IKBJ	GIXM	YBHA	
2018	1 335 216	50 475	398 421	381 249	214 848	-756	-	2 674 2	167 279 661	601 2	828 880 687 088	-25 487	-	-	2 141 792	
2019	1 367 861	52 416	423 124	399 508	224 000	7 352	1 391	-466 2	249 795 689	274 2	939 069 716 744	-27 470	-3 886	-	2 218 439	
2020	1 229 034	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 measures<sup>1</sup>

Reference year 2018, £ million

National expenditure on goods and services at market prices																
Final consumption expenditure			Gross capital formation													
	Households	Non-profit institutions <sup>2</sup>	General government <sup>7</sup>	Gross fixed capital formation	Of which business investment <sup>3</sup>	Change in inventories <sup>4</sup>	Of which alignment adjustment	Acquisitions less disposals of valuables <sup>5</sup>	Total	Exports	Gross final expenditure	less imports	Trade balance <sup>6</sup>	Statistical discrepancy (expenditure)	Gross domestic product at market prices	
	ABJR	HAYO	NMRY	NPQT	NPEL	CAFU	DMUM	NPJR	YBIM	IKBK	ABMG	IKBL	IKBM	GIXS	ABMI	
2018	1 335 216	50 475	398 421	381 249	214 848	-756	-	2 674 2	167 279 661	601 2	828 880 687	088	-25 487	-	2 141 792	
2019	1 349 709	51 227	414 388	387 094	217 260	1 663	1 359	-1 091 2	202 992 679	186 2	882 178 705	872	-26 686	-3 795	2 172 511	
2020	1 205 690	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	
<b>Seasonally adjusted</b>																
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	
<b>Percentage change, latest year on previous year</b>																
	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	
<b>Percentage change, latest quarter on previous quarter</b>																
	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	
<b>Percentage change, latest quarter on corresponding quarter of previous year</b>																
	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 prices<sup>1</sup>

£ million

	Compensation of employees		Gross operating surplus of corporations							Gross value added at factor cost	Taxes on products & production less subsidies	Statistical discrepancy (income)	Gross domestic product at market prices
	Wages and Salaries	Employers social contributions	Total	Private non-financial corporations <sup>2</sup>	Of which alignment adjustment	Financial corporations	Public corporations	Total <sup>3</sup>	Other income <sup>4</sup>				
	DTWL	DTWP	DTWM	CAER	DMUQ	NHCZ	CAEQ	CGBZ	CGBX	CGCB	CMVL	GIXQ	YBHA
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
<b>Seasonally adjusted</b>													
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
<b>Percentage change, latest year on previous year</b>													
	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
<b>Percentage change, latest quarter on previous quarter</b>													
	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
<b>Percentage change, latest quarter on corresponding quarter of previous year</b>													
	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 <sup>2</sup>																
UK DOMESTIC <sup>3</sup>																
	Total	Net tourism	Total	Food & drink	Alcohol & tobacco	Clothing & footwear	Housing	Household goods & services	Health	Transport	Communication	Recreation & culture	Education	Restaurants & hotels	Miscellaneous	
COICOP <sup>1</sup>	-	-	0	01	02	03	04	05	06	07	08	09	10	11	12	
	ABJQ	ABTF	ZAKV	ZWUM	ZAKX	ZAKZ	ZAVN	ZAVV	ZAWB	ZAWL	ZAWV	ZAWZ	ZWUS	ZAXR	ZAYF	
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 &amp; abroad.

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

# E2 Household final consumption expenditure (goods and services)

## Current prices

£ million

UK NATIONAL <sup>2</sup>								
UK DOMESTIC <sup>3</sup>								
COICOP <sup>1</sup>	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	..	..	..	..	..	..	..
<b>Seasonally adjusted</b>								
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	..	..	..	..	..	..	..
<b>Percentage change, latest year on previous year</b>								
	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		..	..	..	..	..	..
<b>Percentage change, quarter on previous quarter</b>								
	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		..	..	..	..	..	..
<b>Percentage change, quarter on corresponding quarter of previous year</b>								
	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 &amp; abroad.

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

# E3 Household final consumption expenditure by purpose

## Chained volume measures

Reference year 2018, £ million

UK NATIONAL <sup>2</sup>																
UK DOMESTIC <sup>3</sup>																
COICOP <sup>1</sup>	Total	Net tourism	Total	Food & drink	Alcohol & tobacco	Clothing & footwear	Housing	Household goods & services	Health	Transport	Communication	Recreation & culture	Education	Restaurants & hotels	Miscellaneous	
	0	01	02	03	04	05	06	07	08	09	10	11	12			
ABJR	ABTH	ZAKW	ZWUN	ZAKY	ZALA	ZAVO	ZAVW	ZAWC	ZAWM	ZAWW	ZAXA	ZWUT	ZAXS	ZAYG		
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																
2018	KGZ5	KG7O	KG9Y	KG6F	KG6G	KG6H	KG6I	KG6J	KG6K	KG6L	KG6M	KG6N	KG6O	KG6P	KG6Q	KG6R
2019	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		
2020	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																
2018 Q3	KGZ6	KG7R	KGA3	KG6F	KG6G	KG6H	KG6I	KG6J	KG6K	KG6L	KG6M	KG6N	KG6O	KG6P	KG6Q	KG6R
Q4	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		
2019 Q1	0.6	0.5	1.2	-1.3	2.1	0.7	-1.4	0.1	0.9	-0.2	-0.4	1.2	0.6	1.5	0.1	
Q2	-	-	-0.5	-2.0	3.0	-	-2.2	3.3	-1.4	-2.3	1.2	-0.4	-0.8	1.4		
Q3	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		
Q4	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		
2020 Q1	-0.3	-	0.7	-0.5	-1.7	1.1	-2.9	-0.3	1.0	0.7	-	1.0	-0.9	-1.2		
Q2	-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		
Q3	-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		
Q4	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		
2020	-0.2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Percentage change, quarter on corresponding quarter of previous year																
2018 Q3	KGZ7	KG7U	KGA6	KG6F	KG6G	KG6H	KG6I	KG6J	KG6K	KG6L	KG6M	KG6N	KG6O	KG6P	KG6Q	KG6R
Q4	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		
2019 Q1	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		
Q2	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		
Q3	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		
Q4	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		
2020 Q1	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		
Q2	-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		
Q3	-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		
Q4	-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		
2020	-8.4	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..

1 ESA 10 Classification of Individual Consumption by Purpose.

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

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

# E4 Household final consumption expenditure (goods and services)

## Chained volume measures

Reference year 2018, £ million

UK NATIONAL <sup>2</sup>								
UK DOMESTIC <sup>3</sup>								
COICOP <sup>1</sup>	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	..	..	..	..	..	..	..
<b>Seasonally adjusted</b>								
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	..	..	..	..	..	..	..
<b>Percentage change, year on previous year</b>								
	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		..	..	..	..	..	..
<b>Percentage change, quarter on previous quarter</b>								
	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		..	..	..	..	..	..
<b>Percentage change, quarter on corresponding quarter of previous year</b>								
	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 &amp; abroad.

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

# F1

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

### Current prices

£ million

	Analysis by sector								Analysis by asset					
	Public corporations <sup>2</sup>				Private Sector									
	Business investment <sup>1</sup>	General government	Dwellings <sup>4</sup>	Costs of transfer of ownership of non-produced assets	Dwellings <sup>4</sup>	Costs of transfer of ownership of non-produced assets	Total	Transport equipment	ICT equipment and other machinery and equipment <sup>3</sup>	Dwellings <sup>4</sup>	Other buildings and structures <sup>5</sup>	Intellectual Property Products	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	
<b>Seasonally adjusted</b>														
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	
<b>Percentage change, latest year on previous year</b>														
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	
<b>Percentage change, latest quarter on previous quarter</b>														
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	
2019 Q1	2.0	9.0	6.8	-5.7	2.8	1.4	3.2	-28.0	-0.1	3.0	11.9	2.5	3.2	
Q2	2.6	-3.4	0.7	11.5	-0.3	-7.1	0.4	22.6	-4.2	-0.2	-0.6	1.3	0.4	
Q3	0.9	3.6	0.8	-4.4	-0.9	-0.3	0.9	-8.3	1.1	-0.8	3.0	1.5	0.9	
Q4	-0.1	-0.5	4.1	-3.1	-2.7	-0.1	-0.7	2.0	-1.0	-2.3	0.3	-1.0	-0.7	
2020 Q1	-0.6	0.2	-2.8	-3.7	-2.5	-2.3	-1.0	-24.9	6.1	-2.6	-2.8	4.5	-1.0	
Q2	-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	
Q3	14.6	-1.5	-1.0	-	81.3	-0.6	19.8	190.6	13.5	74.2	4.9	-0.2	19.8	
Q4	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	
<b>Percentage change, latest quarter on corresponding quarter of previous year</b>														
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	
2019 Q1	0.3	11.0	-6.1	8.3	8.3	30.9	5.1	1.1	1.9	7.4	6.7	3.6	5.1	
Q2	4.3	6.8	-4.1	2.0	4.3	13.3	5.1	43.9	-0.1	3.9	4.5	3.6	5.1	
Q3	6.9	7.9	4.8	-2.0	1.7	-5.1	5.1	-1.4	-0.8	1.9	10.7	5.5	5.1	
Q4	5.6	8.5	12.8	-2.6	-1.2	-6.1	3.9	-17.5	-4.3	-0.4	14.8	4.4	3.9	
2020 Q1	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	
Q2	-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	
Q3	-10.4	4.3	-6.5	-22.7	2.5	-13.7	-5.6	-12.4	-5.1	1.9	-12.8	-	-5.6	
Q4	-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 <sup>2</sup>				Private Sector									
	Business investment <sup>1</sup>	General government	Dwellings <sup>4</sup>	Costs of transfer of ownership of non-produced assets	Dwellings <sup>4</sup>	Costs of transfer of ownership of non-produced assets	NPQT	Transport equipment	ICT equipment and other machinery and equipment <sup>3</sup>	Dwellings <sup>4</sup>	Other buildings and structures <sup>5</sup>	Intellectual Property 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	
<b>Seasonally adjusted</b>														
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	
<b>Percentage change, latest year on previous year</b>														
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	
<b>Percentage change, latest quarter on previous quarter</b>														
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	
<b>Percentage change, latest quarter on corresponding quarter of previous year</b>														
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 <sup>1</sup>

£ million

	Mining and quarrying	Manufacturing industries				Elect- ricity, gas and water supply	Distributive trades		Other industries <sup>3</sup>	Changes in inventories <sup>3</sup>
		Materials and fuel	Work in progress	Finished goods	Total		Wholesale <sup>2</sup>	Retail <sup>2</sup>		
<b>Level of inventories held at end-December 2018</b>	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
<b>Seasonally adjusted</b>										
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 measures<sup>1</sup>

Reference year 2018, £ million

	Mining and quarrying	Manufacturing industries				Electricity, gas and water supply	Distributive trades		Other industries <sup>3</sup>	Changes in inventories <sup>3</sup>
		Materials and fuel	Work in progress	Finished goods	Total		Wholesale <sup>2</sup>	Retail <sup>2</sup>		
<b>Level of inventories held at end-December 2018</b>	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
<b>Seasonally adjusted</b>										
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 <sup>1</sup>
	BOKG	IKBB	IKBH	BOKH	IKBC	IKBI	BOKI	IKBD	IKBJ
2018	351 132	310 469	661 601	487 975	199 113	687 088	-136 843	111 356	-25 487
2019	372 954	316 320	689 274	503 757	212 987	716 744	-130 803	103 333	-27 470
2020	311 521	260 204	571 725	427 504	153 786	581 290	-115 983	106 418	-9 565
<b>Seasonally adjusted</b>									
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
<b>Percentage change, latest year on previous year</b>									
	KG9K	KH35	KH2O	KG9L	KH3W	KH3H			
2018	4.4	8.3	6.2	3.5	9.9	5.3			
2019	6.2	1.9	4.2	3.2	7.0	4.3			
2020	-16.5	-17.7	-17.1	-15.1	-27.8	-18.9			
<b>Percentage change, latest quarter on previous quarter</b>									
	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			
<b>Percentage change, latest quarter on corresponding quarter of previous year</b>									
	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			

<sup>1</sup> Trade balance is calculated by using exports of goods and services minus imports of goods and services

# H2 Exports and imports of goods and services

## Chained volume measures

Reference year 2018, £ million

	Exports			Imports			Balance
	Goods	Services	Total	Goods	Services	Total	Total <sup>1</sup>
	BQKQ	IKBE	IKBK	BQKO	IKBF	IKBL	IKBM
2018	351 132	310 469	661 601	487 975	199 113	687 088	-25 487
2019	367 348	311 838	679 186	498 464	207 408	705 872	-26 686
2020	317 287	248 332	565 619	427 099	150 820	577 919	-12 300
<b>Seasonally adjusted</b>							
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
<b>Percentage change, latest year on previous year</b>							
	KG9X	KH3B	KH2U	KG9W	KH44	KH3N	
2018	0.4	6.1	3.0	0.3	9.1	2.7	
2019	4.6	0.4	2.7	2.1	4.2	2.7	
2020	-13.6	-20.4	-16.7	-14.3	-27.3	-18.1	
<b>Percentage change, latest quarter on previous quarter</b>							
	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	
<b>Percentage change, latest quarter on corresponding quarter of previous year</b>							
	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	

<sup>1</sup> Trade balance is calculated by using exports of goods and services minus imports of goods and services

# **Gross value added at basic prices: individual measures**

	£ million				Index numbers (2018 = 100) <sup>3</sup>				
	Expenditure-based estimate at chained volume measures	At current prices			Value indices at current prices		Chained volume indices		
		Expenditure-based estimate	Income-based estimate	Residual error <sup>1</sup>	Expenditure-based estimate	Income-based estimate	Expenditure-based estimate	Income-based estimate <sup>2</sup>	Output-based estimate
	CAGR	CAGQ	CAGS	DJDS	IHYA	IHYB	IHYC	IHYD	YBFR
2018	1 910 247	1 910 247	1 910 247	–	100.0	100.0	100.0	100.0	100.0
2019	1 944 477	1 984 854	1 980 433	4 421	103.9	103.7	101.8	101.6	101.4
2020	1 748 491	1 914 730	1 896 135	18 595	100.2	99.3	91.5	90.6	92.2
<b>Seasonally adjusted</b>									
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
<b>Percentage change, latest year on previous year</b>									
	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
<b>Percentage change, latest quarter on previous quarter</b>									
	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
<b>Percentage change, latest quarter on corresponding quarter of previous year</b>									
	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 adjustments<sup>1</sup>

£ million

	Changes in inventories		Gross operating surplus of non-financial corporations at current prices
	At current prices	Chained volume measures (Reference year 2018)	
<b>Seasonally adjusted</b>			
2018 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

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

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

£ millions except deflator index which is 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 <sup>3,4</sup>
	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
<b>Seasonally adjusted</b>										
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
<b>Percentage change, latest financial year on previous financial year</b>										
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
<b>Percentage change, latest quarter on previous quarter</b>										
	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
<b>Percentage change, latest quarter on corresponding quarter of previous year</b>										
	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 deflators<sup>1</sup>

2020 = 100

	Implied deflators <sup>2</sup>		
	Gross national expenditure	Gross domestic product at market prices <sup>3</sup>	Gross value added at basic prices
2018	MNE2	MNF2	MNX5
2019	92.5807	92.4643	91.1567
2020	94.5566	94.4200	93.0496
	100.0000	100.0000	100.0000
<b>Seasonally adjusted</b>			
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
<b>Percentage change, latest year on previous year</b>			
2018	MNE3	MNF3	MNX6
2019	2.1	2.2	2.2
2020	2.1	2.1	2.1
	5.8	5.9	7.5
<b>Percentage change, latest quarter on previous quarter</b>			
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
<b>Percentage change, latest quarter on corresponding quarter of previous year</b>			
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 Head<sup>1</sup>

£

	UK resident population mid-year estimates (persons thousands) <sup>2</sup>	Current Prices		Chained volume measures (Reference year 2018)	
		Gross domestic product at market prices <sup>3</sup>	Gross domestic product per head	Gross domestic product at market prices <sup>3</sup>	Gross domestic product per head
	EBAQ	YBHA	IHXT	ABMI	IHXW
2018	66 436	2 141 792	32 238	2 141 792	32 238
2019	66 797	2 218 439	33 212	2 172 511	32 524
2020	67 196	2 113 046	31 446	1 956 992	29 124
<b>Seasonally adjusted</b>					
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
<b>Percentage change, latest year on previous year</b>					
		IHYM	N3Y3	IHYP	N3Y6
2018		3.5	2.9	1.3	0.6
2019		3.6	3.0	1.4	0.9
2020		-4.8	-5.3	-9.9	-10.5
<b>Percentage change, latest quarter on previous quarter</b>					
		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
<b>Percentage change, latest quarter on corresponding quarter of previous year</b>					
		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

# R Revisions Analysis

## Revisions since previously published estimates<sup>1</sup>

continued

£ million

		2020 Q1	2020 Q2	2020 Q3
<b>Latest less previously published levels of GDP at current market prices</b>				
<b>National accounts aggregates at current prices (Table A2)</b>				
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
<b>Gross domestic product: expenditure at current prices (Table C1)</b>				
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
<b>Gross domestic product: income at current prices (Table D)</b>				
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
<b>Latest less previously published growth rates for GDP in chained volume terms</b>				
<b>Percentage changes in volume of GDP (Table A2)</b>				
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
<b>Percentage changes in volume of GVA output components (Table B1)</b>				
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
<b>Percentage changes in volume of GDP expenditure components (Table C2)</b>				
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

<sup>1</sup> 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 GDP<sup>1</sup>

### Chained Volume Measures

Seasonally adjusted data

Reference year 2018

	Agri- culture, forestry, and fishing	Total Production	Mining & quarrying inc oil & gas extract	Manu- facturing	Electric, gas, steam & air	Water supply, sewerage	Constr uction	Total Services	Distri- bution, hotels & catering	Transport storage and commu- nications	Business services and finance	Govern- ment and other services
<b>Percentage change, latest year on previous year</b>												
<b>Growth</b>	L3BB	L3BG	L3BH	L3BN	L3DM	L3DQ	L3DW	L3E2	L3GP	KI8L	KI8N	KI8P
2018	-3.3	0.9	5.3	1.1	-1.2	-1.4	-	1.6	2.8	3.4	1.1	0.6
2019	6.3	-1.2	-0.9	-1.8	1.1	0.4	1.8	1.8	2.5	5.2	0.6	1.7
2020	-9.4	-8.6	-9.5	-9.9	-4.5	-1.7	-12.5	-8.9	-14.9	-11.1	-5.2	-9.8
<b>Contributions to growth<sup>2</sup></b>												
	ZZ3V	ZZ3W	ZZ3Y	ZZ3X	ZZ3Z	ZZ42	ZZ43	ZZ44	ZZ45	ZZ46	ZZ47	ZZ48
2018	-0.02	0.13	0.05	0.12	-0.02	-0.02	-	1.23	0.37	0.36	0.37	0.14
2019	0.04	-0.17	-0.01	-0.18	0.02	0.01	0.12	1.43	0.33	0.55	0.19	0.36
2020	-0.06	-1.14	-0.10	-0.96	-0.06	-0.02	-0.82	-7.07	-1.98	-1.22	-1.71	-2.15
<b>Percentage change, latest quarter on previous quarter</b>												
<b>Growth</b>	L3BB	L3BG	L3BH	L3BN	L3DM	L3DQ	L3DW	L3E2	L3GP	KI8L	KI8N	KI8P
2018 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
<b>Contributions to growth<sup>2</sup></b>												
	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
<b>Percentage change, latest quarter on corresponding quarter of previous year</b>												
<b>Growth</b>	L3ZZ	L426	L427	L42D	L44C	L44G	L44M	L44Q	L47F	KI12	KI19	KI18
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
<b>Contributions to growth<sup>2</sup></b>												
	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<sup>1,2</sup>

### Chained Volume Measures

Seasonally adjusted data

Reference year 2018

Final consumption expenditure									
	House- holds	Non-prof- it instit- utions <sup>3</sup>	General govern- ment <sup>4</sup>	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<sup>1,2</sup>

### Current Prices

Seasonally adjusted data

	Compensation of employees	Gross operating surplus of corporations <sup>3</sup>	Other income <sup>4</sup>	Taxes on products & production less subsidies
<b>Percentage change, latest year on previous year</b>				
<b>Growth</b>				
	KGI3	KH4V	KH6T	KH65
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
<b>Contributions to growth</b>				
	ZZ7H	ZZ7I	ZZ7J	ZZ7K
2018	1.98	0.48	0.69	0.35
2019	2.36	0.34	0.58	0.29
2020	1.39	-0.62	-0.40	-5.91
<b>Percentage change, latest quarter on previous quarter</b>				
<b>Growth</b>				
	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
<b>Contributions to growth</b>				
	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
<b>Percentage change, latest quarter on corresponding quarter of previous year</b>				
<b>Growth</b>				
	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
<b>Contributions to growth</b>				
	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 GDP<sup>1</sup>

Seasonally adjusted data

Reference year 2018

	Final consumption expenditure						
	House- holds	Non-prof- it instit- utions <sup>2</sup>	General govern- ment	Gross capital formation	Gross fixed capital formation	Total exports	less Total imports
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

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

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

# AE

## Annex E - Output components of GDP- growths and revisions from previous estimate<sup>1,2</sup>, Chained Volume Measures

Seasonally adjusted data

Reference year 2018

	Agri- culture, forestry, and fishing	Total Production	Mining & quarrying inc oil & gas extract	Manu- facturing	Electric, gas, steam & air	Water supply, sewerage	Constr- uction	Total Services	Distri- bution, hotels & catering	Transport, storage and commu- nications	Business services and finance	Govern- ment & other services
<b>Percentage change, latest year on previous year</b>												
<b>Current estimates<sup>3</sup></b>												
	L3BB	L3BG	L3BH	L3BN	L3DM	L3DQ	L3DW	L3E2	L3GP	KI8L	KI8N	KI8P
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
<b>Previous estimates<sup>2</sup></b>												
	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	..	..	..	..	..	..	..	..	..	..	..	..
<b>Revisions</b>												
	ZZ52	ZZ53	ZZ55	ZZ54	ZZ56	ZZ57	ZZ58	ZZ59	ZZ5A	ZZ5B	ZZ5C	ZZ5D
2018	-	-	-	-	-	-	-	-	-	-	-	-
2019	-	-	-	-	-	-	-	-	-	-	-	-
2020	..	..	..	..	..	..	..	..	..	..	..	..
<b>Percentage change, latest quarter on previous quarter</b>												
<b>Current estimates<sup>3</sup></b>												
	L3BB	L3BG	L3BH	L3BN	L3DM	L3DQ	L3DW	L3E2	L3GP	KI8L	KI8N	KI8P
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
<b>Previous estimates<sup>2</sup></b>												
	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
<b>Revisions</b>												
	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<sup>1,2</sup>, 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
<b>Percentage growths, latest quarter on corresponding quarter of previous year</b>												
<b>Current estimates<sup>3</sup></b>												
	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
<b>Previous estimates<sup>2</sup></b>												
	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
<b>Revisions</b>												
	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



# AF

## Annex F - Expenditure components of GDP- growths and revisions from previous estimate<sup>1,2</sup>, Chained Volume Measures

Seasonally adjusted data

Reference year 2018

Final consumption expenditure								
	House-holds	Non-prof- it instit- utions <sup>3</sup>	General govern- ment	Gross Capital Formation	Gross Fixed Capital Formation	Business investme nt	Total exports	less Total imports
<b>Percentage change, latest year on previous year</b>								
<b>Current estimates<sup>4</sup></b>								
	KGZ5	KH26	KH2I	ZZ6H	KG7N	KG7M	KH2U	KH3N
2018	1.3	5.6	0.6	0.9	0.4	-2.5	3.0	2.7
2019	1.1	1.5	4.0	1.2	1.5	1.1	2.7	2.7
2020	-10.7	-19.3	-5.7	-14.0	-8.7	-10.7	-16.7	-18.1
<b>Previous estimates<sup>2</sup></b>								
	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	..	..	..	..	..	..	..	..
<b>Revisions</b>								
	ZZ83	ZZ84	ZZ85	ZZ86	ZZ87	ZZ88	ZZ89	ZZ8A
2018	-	-	-	-	-	-	-	-
2019	-	-	-	-	-	-	-	-
2020	..	..	..	..	..	..	..	..
<b>Percentage change, latest quarter on previous quarter</b>								
<b>Current estimates<sup>4</sup></b>								
	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
<b>Previous estimates<sup>2</sup></b>								
	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
<b>Revisions</b>								
	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<sup>1,2</sup>, Chained Volume Measures

continued

Seasonally adjusted data

Reference year 2018

Final consumption expenditure								
	House- holds	Non-prof- it instit- utions <sup>3</sup>	General govern- ment	Gross capital formation	Gross fixed capital formation	Business investme nt	Total exports	less Total imports
<b>Percentage change, latest quarter on corresponding quarter of the previous year</b>								
<b>Current estimates<sup>4</sup></b>								
	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
<b>Previous estimates<sup>2</sup></b>								
	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
<b>Revisions</b>								
	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<sup>1,2</sup>, Current Price

Seasonally adjusted data

	Compensation of employees	Gross operating surplus of corporations	Other income	Taxes on products & production less subsidies
<b>Percentage change, latest year on previous year</b>				
<b>Current estimates<sup>3</sup></b>				
	KGI3	KH4V	KH6T	KH65
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
<b>Previous estimates<sup>2</sup></b>				
	A2CT	A2CU	A2CV	A2CW
2018	4.1	2.3	3.9	2.9
2019	4.8	1.6	3.2	2.4
2020	..	..	..	..
<b>Revisions</b>				
	ZZ8J	ZZ8K	ZZ8L	ZZ8M
2018	-	-	-	-
2019	-	-	-	-
2020	..	..	..	..
<b>Percentage change, latest quarter on previous quarter</b>				
<b>Current estimates<sup>3</sup></b>				
	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
<b>Previous estimates<sup>2</sup></b>				
	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
<b>Revisions</b>				
	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<sup>1,2</sup>, Current Price

continued

Seasonally adjusted data

	Compen- sation of employees	Gross operating surplus of corporations	Other income	Taxes on products & production less subsidies
<b>Percentage change, latest quarter on corresponding quarter of previous year</b>				
<b>Current estimates<sup>3</sup></b>				
	KGI5	KH4X	KH6V	KH67
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
<b>Previous estimates<sup>2</sup></b>				
	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
<b>Revisions</b>				
	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)