

Statistical bulletin

GDP first quarterly estimate, UK: April to June 2021

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



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1 . Main Points

- UK gross domestic product (GDP) is estimated to have increased by 4.8% in Quarter 2 (Apr to June) 2021 following the easing of coronavirus (COVID-19) restrictions.
- There have been increases in services, production and construction output over the quarter.
- In output terms, the largest contributors to this increase were from wholesale and retail trade, accommodation and food service activities, and education.
- The level of GDP is now 4.4% below where it was pre-coronavirus pandemic at Quarter 4 (Oct to Dec) 2019.
- In Quarter 2 2021, there were increases in nearly all main components of expenditure apart from "trade", with the largest contribution from household consumption, which contributed 4.1 percentage points to the 4.8% increase following the easing of coronavirus restrictions in Quarter 2 2021 compared with Quarter 1 (Jan to Mar) 2021.

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

2 . Headline GDP figures

UK gross domestic product (GDP) is estimated to have increased by 4.8% in Quarter 2 (Apr to June) 2021, following the easing of coronavirus (COVID-19) restrictions (Figure 1). [Monthly estimates](#) published today (12 August 2021) show that GDP increased across all three months at 2.2% in April, 0.6% in May and 1.0% in June 2021.

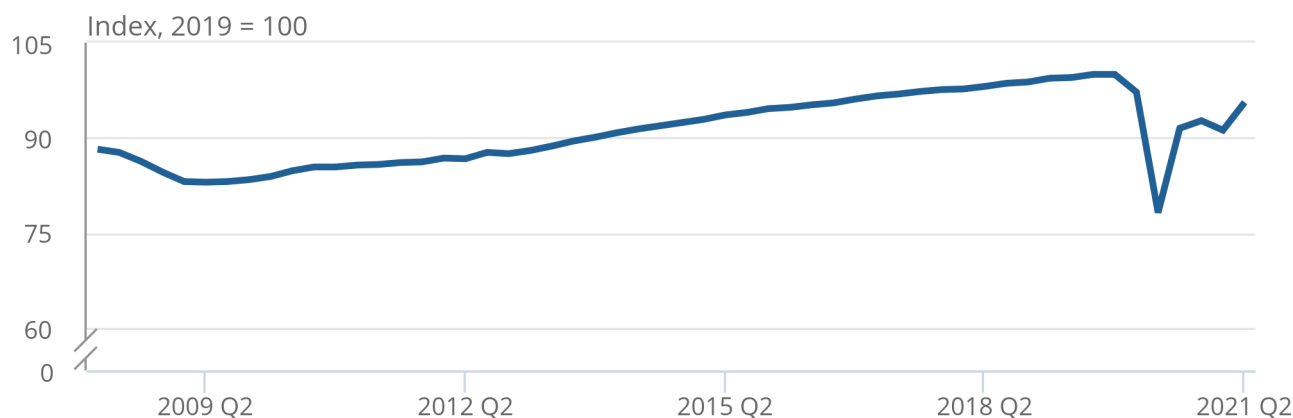
The level of GDP in the UK is now 4.4% below where it was prior to the coronavirus pandemic at the end of 2019.

Figure 1: Real GDP increased by 4.8% in Quarter 2 (Apr to June) 2021 as restrictions were eased, and is now 4.4% below its pre-pandemic level

UK, Quarter 1 (Jan to Mar) 2008 to Quarter 2 (Apr to June) 2021, index 2019 Q4 = 100

Figure 1: Real GDP increased by 4.8% in Quarter 2 (Apr to June) 2021 as restrictions were eased, and is now 4.4% below its pre-pandemic level

UK, Quarter 1 (Jan to Mar) 2008 to Quarter 2 (Apr to June) 2021, index 2019 Q4 = 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. Index is referenced to Quarter 4 (Oct to Dec) 2019.

Nominal GDP rose by 3.6% in Quarter 2 2021. The implied GDP deflator represents the broadest measure of inflation in the domestic economy, reflecting changes in the price of all goods and services that comprise GDP. The implied deflator fell by 1.1% in the second quarter of 2021. Compared with the same quarter a year ago, the implied GDP deflator decreased by 3.6% mainly reflecting a decrease in the implied price change of government consumption.

Table 1: Headline national account indicators for the UK

	Chained volume measures				Current market prices		
	GDP	Household expenditure	Gross fixed capital formation	GDP per head ³	GDP	Compensation of employees	GDP implied deflator
Seasonally adjusted							
2020	-9.8	-10.6	-8.8	-10.2	-4.8	2.6	5.6
2020 Q1	-2.8	-2.6	-1.2	-2.9	-1.4	0.7	1.5
2020 Q2	-19.5	-20.8	-20.7	-19.6	-13.5	-3.0	7.5
2020 Q3	16.9	19.7	19.0	16.8	13.0	3.6	-3.3
2020 Q4	1.3	-1.7	4.4	1.1	0.8	2.5	-0.5
2021 Q1	-1.6	-4.6	-1.7	-1.7	-0.2	-0.6	1.4
2021 Q2	4.8	7.3	-0.5	4.6	3.6	1.7	-1.1

Source: Office for National Statistics - GDP first quarterly estimate

Notes

1. Percentage change on previous period.
2. Q1 refers to Quarter 1 (Jan to Mar), Q2 refers to Quarter 2 (Apr to June), Q3 refers to Quarter 3 (July to Sept) and Q4 refers to Quarter 4 (Oct to Dec).
3. Population data are consistent with the 25 June 2021 published estimates.

Several countries have published first estimates of nominal and real GDP for the second quarter of 2021, including France, Germany, Spain and the United States. Italy and Canada have also published first estimates of real GDP for Quarter 2 2021, but not nominal GDP and therefore have not been included in Figure 2. The UK experienced the largest increase in real GDP of these countries in Quarter 2 2021, in part reflecting the timing of the tightening and easing of public health restrictions in the first half of this year.

Of the other countries, Italy and Spain had the next largest volume increases in Quarter 2 2021. However, these two countries are the furthest away from their pre-pandemic levels of GDP, with Spain 6.8% and Italy 3.8% below their Quarter 4 (Oct to Dec) 2019 levels. The United States is the only economy to have recovered to above pre-pandemic levels (0.8%).

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](#).

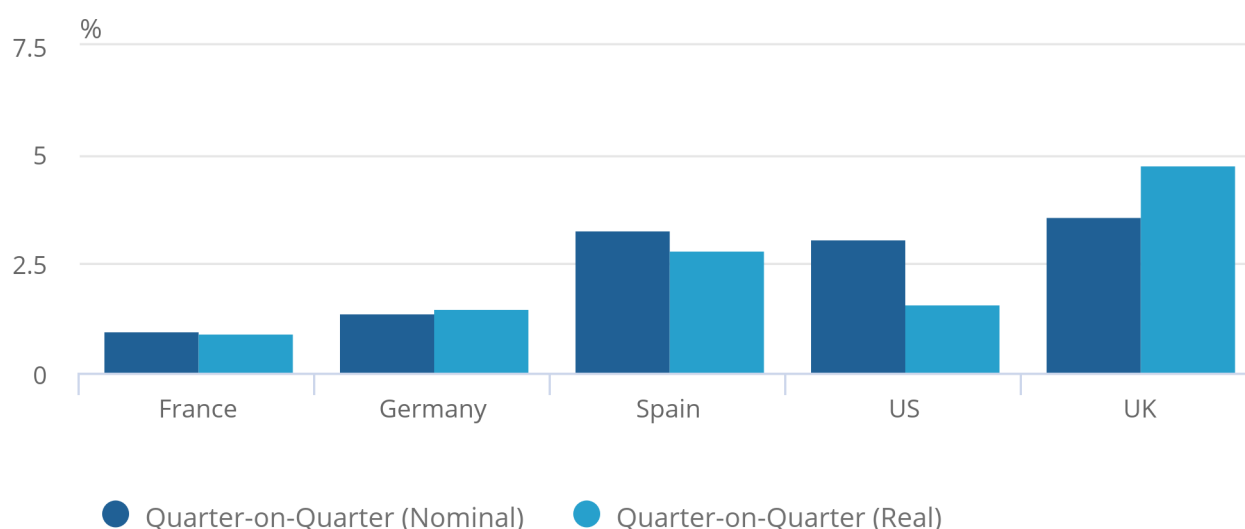
Recent analysis highlights the [challenges of making international comparisons of GDP at this time](#) and suggests it may be useful to compare nominal and real estimates of GDP, as well as estimates excluding government expenditure. This is because of how we measure non-market output in the UK, where 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.

Figure 2: The UK experienced the largest increase in real GDP in Quarter 2 (Apr to June) 2021 of these selected countries, reflecting the re-opening of the UK economy

Percentage change, nominal and real GDP, Quarter 2 (Apr to June) 2021

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Percentage change, nominal and real GDP, Quarter 2 (Apr to June) 2021



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

Notes:

1. Chart shows the percentage change in real and nominal GDP in Quarter 2 (Apr to June) 2021.
2. Data as at 6 August 2021.

3 . Output

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

Services

There was an increase in services output of 5.7% in Quarter 2 2021, having contracted by 2.1% in Quarter 1 (Jan to Mar) 2021. Services output is now 3.5% below Quarter 4 (Oct to Dec) 2019 levels.

Wholesale and retail trade, accommodation and food service activities, and education provided the largest quarterly contributions to services output growth (Figure 3).

Accommodation and food service activities increased by 87.8% in Quarter 2 2021, while wholesale and retail trade increased by 12.8%, in response to the re-opening of indoor hospitality, Euro 2020 and the reopening of non-essential retail. Combined, these consumer-facing services increased by 16.7% in Quarter 2 2021.

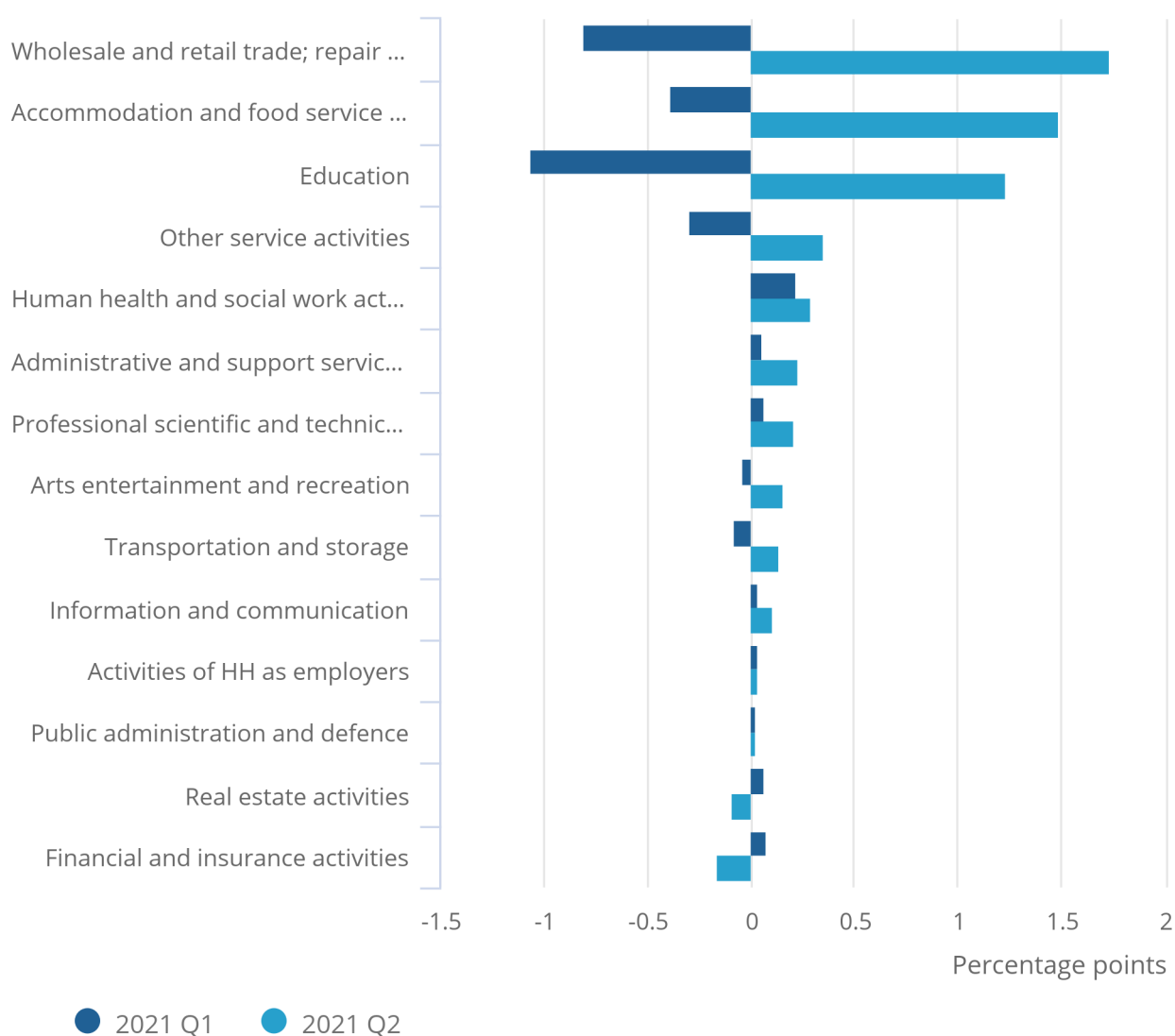
There was also a 19.4% increase in education output in Quarter 2 2021, reflecting the re-opening of schools over the period as in-school attendance rates increased. There is more information on education and health estimates in Quarter 2 2021 in [Section 4: Expenditure](#), including adjustments to capture health services more fully such as the NHS Test and Trace service.

Figure 3: Wholesale and retail trade, hospitality and education were the main contributors to growth in services in Quarter 2 (Apr to June) 2021

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

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



Source: Office for National Statistics – GDP first quarterly estimate

Notes:

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

Production

Production output rose by 0.5% in Quarter 2 2021, following a fall of 0.5% in the previous quarter, and remains 3.3% below its pre-coronavirus pandemic level. The increase in production output in Quarter 2 2021 was driven mainly by a 1.8% rise in manufacturing, in particular that of food products, beverages and tobacco, and machinery and equipment. There was a fall in the output of the manufacture of transport equipment, which was particularly impacted by microchips shortages.

The production of motor vehicles fell by 16.7% in Quarter 2 2021, its second consecutive quarterly fall, as a global semiconductor shortage affecting the production of new cars disrupted supply chains. Output in the manufacture of motor vehicles sub-industry is now 24.6% below its pre-pandemic level (Quarter 4 2019) (Figure 4).

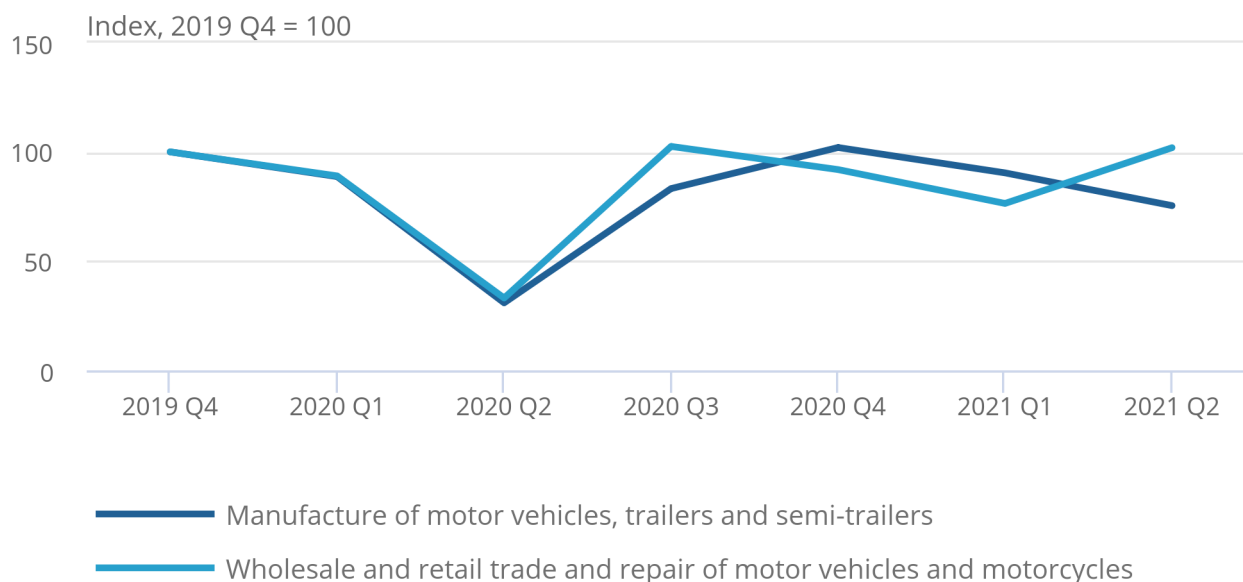
Spending on motor vehicles increased sharply by 33.2% in Quarter 2 2021, and is 1.8% above its pre-pandemic level (Figure 4). This rise in demand coincides with the re-opening of car showrooms in England and Wales from 12 April 2021. An increase in the [price of second-hand cars](#) later in the quarter reflects the current shortages in new cars alongside rising consumer demand. This can be further seen in the expenditure measure of gross domestic product (GDP) in the [Trade figures](#), which estimate a rise in the import of cars (and a fall in exports) throughout Quarter 2 2021, likely reflecting a turn towards foreign supply to meet the rising domestic demand for cars throughout the quarter.

Figure 4: There was rising consumer demand for cars in Quarter 2 (Apr to June) 2021, while a global semi-conductor shortage disrupted domestic supply

UK, Quarter 4 (Oct to Dec) 2019 to Quarter 2 (Apr to June) 2021, index 2019 Q4 = 100

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UK, Quarter 4 (Oct to Dec) 2019 to Quarter 2 (Apr to June) 2021, index 2019 Q4 = 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. Index is referenced to Quarter 4 (Oct to Dec) 2019.

Elsewhere in production, there was a contraction of 16.6% in mining and quarrying in Quarter 2 2021, including the oil and gas extraction sub-industry, reflecting the planned temporary closures for maintenance of oil field production sites throughout the quarter. Output in the extraction of crude petroleum and natural gas in June 2021 was at its lowest monthly level since records began in 1997.

Construction

Construction output increased by 3.3% in Quarter 2 2021, reflecting a rise in new work (3.7%), particularly infrastructure, and repair and maintenance (with growth of 1.7%). Construction has now nearly recovered to pre-pandemic levels, with output in Quarter 2 2021 at 0.6% below Quarter 4 2019 levels.

There was a decline in output across the three months of the quarter as some businesses reported limited availability of certain construction products, most notably timber, steel, cement and tiles. However, there was still a rise in output compared with Quarter 1 (Jan to Mar) 2021, because of a low base of construction output in the first quarter. Compared with the same quarter over a year ago, construction increased by 53.2%. This reflects comparison with a lower base level with the first lockdown restrictions severely affecting the industry. Further detail on construction can be found in [Construction output in Great Britain: June 2021, new orders and construction output prices, April to June 2021](#).

4 . Expenditure

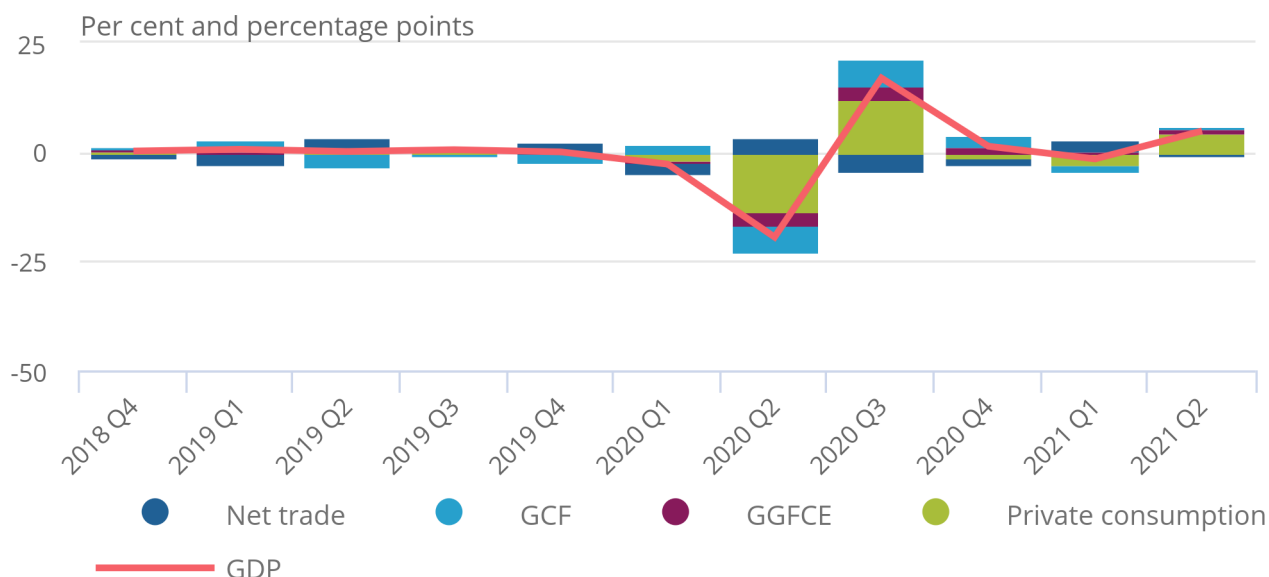
In Quarter 2 (Apr to June) 2021, there were increases in all the main components of expenditure apart from “Trade”, with the largest contribution from household consumption, which contributed approximately 4.1 percentage points to the 4.8% increase. These increases are following the easing of coronavirus (COVID-19) restrictions in Quarter 2 2021 compared with Quarter 1 (Jan to Mar) (Figure 5).

Figure 5: Private consumption, government consumption and gross capital formation all contributed positively to growth in Quarter 2 (Apr to June) 2021

UK, contributions to expenditure, Quarter 4 (Oct to Dec) 2018 to Quarter 2 (Apr to June) 2021

Figure 5: Private consumption, government consumption and gross capital formation all contributed positively to growth in Quarter 2 (Apr to June) 2021

UK, contributions to expenditure, Quarter 4 (Oct to Dec) 2018 to Quarter 2 (Apr to June) 2021



Source: Office for National Statistics – GDP first quarterly estimate

Notes:

1. Q1 refers to Quarter 1 (Jan to Mar), Q2 refers to Quarter 2 (Apr to June), Q3 refers to Quarter 3 (July to Sept) and Q4 refers to Quarter 4 (Oct to Dec).
2. Private consumption is household final consumption expenditure and non-profit institutions serving households.
3. Gross capital formation includes the alignment adjustment which is applied to the Change in Inventories component in the expenditure approach to measuring GDP.
4. Components contribution may not sum to total because of rounding.

Household consumption

In Quarter 2 2021, household consumption increased by 7.3%, following a fall of 4.6% in the previous quarter, reflecting the easing of coronavirus restrictions. In comparison with levels before the coronavirus pandemic, household consumption is now 7.0% lower than in Quarter 4 (Oct to Dec) 2019.

The largest contributions were from spending on restaurants and hotels, and transport, which all performed strongly with the reopening of the economy. This was partly offset by a fall in food and drink consumption expenditure, which may be because of the strong rise in spending on restaurants and hotels. [Previous analysis from the Retail Sales Index](#) showed feedback from retailers that suggested that in-store food sales were negatively affected in May by both the reopening of all retail sectors and the relaxation of hospitality restrictions.

Consumption of government goods and services

In Quarter 2 2021, government consumption increased by 6.1% driven by increases in education and health. The consumption of education services increased by 27.1% in Quarter 2 2021, following a 12.8% fall in the previous quarter. This reflects an increase in school attendance in all months across the quarter as schools reopened.

The consumption of health services increased by 5.1% in Quarter 2 2021 as there was strong growth in non-COVID health activity, in particular with [General Practice](#) appointments, which showed strong growth in June 2021, further boosted by NHS Test and Trace services and the COVID-19 vaccination programme.

Government final consumption expenditure in nominal terms includes spending on the NHS Test and Trace service and the COVID-19 vaccination programme. However, these activities are not captured within our normal source data for government final consumption expenditure in volume terms. We have therefore added NHS Test and Trace and COVID-19 vaccination adjustments of £7,000 million to our volume measure in Quarter 2 2021, of which £4,600 million is in relation to the NHS Test and Trace service and £2,400 million is in relation to the COVID-19 vaccination programme. The monthly breakdown of these adjustments is published in the [GDP monthly estimate](#).

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

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

In line with the [National Accounts Revision Policy](#), both monthly and quarterly GDP in Quarter 1 2021 (January to March) are closed for revisions until the [Quarterly national accounts](#) release on 30 September 2021. This constrains our capacity to take on revisions for the first three months of 2021. The latest health activity information also suggests some revisions to our existing profile: monthly data for health output is now expected to be weaker in January, higher in March 2021, and is indicative of growth in non-COVID 19 health output from Quarter 1 to Quarter 2 2021.

However, without revising our first quarter estimates, simply taking on estimated activity for April to June 2021 would imply a fall in health activity between Quarter 1 and Quarter 2 2021. With the data available, to produce our best estimate of growth within the health sector that is consistent across monthly and quarterly GDP, we have incorporated some revisions to April through to June in our monthly GDP estimates to reflect this expected quarterly increase. We have applied a downward adjustment in government consumption of health across Quarter 2 as a whole so as to achieve consistency with monthly GDP. This approach, necessitated by the size and timing of the revisions to health activity and the national accounts revisions window at this point in our annual cycle, will help preserve the monthly and quarterly path of healthcare output. We will fully reflect these expected revisions to the non-COVID 19 health activity in the next [Quarterly national accounts](#) on 30 September.

Gross fixed capital formation

In Quarter 2 2021, gross fixed capital formation contracted by 0.5%. This was driven by a 9.7% decline in government investment, however, it is important to note that the data at this stage are preliminary and subject to revision.

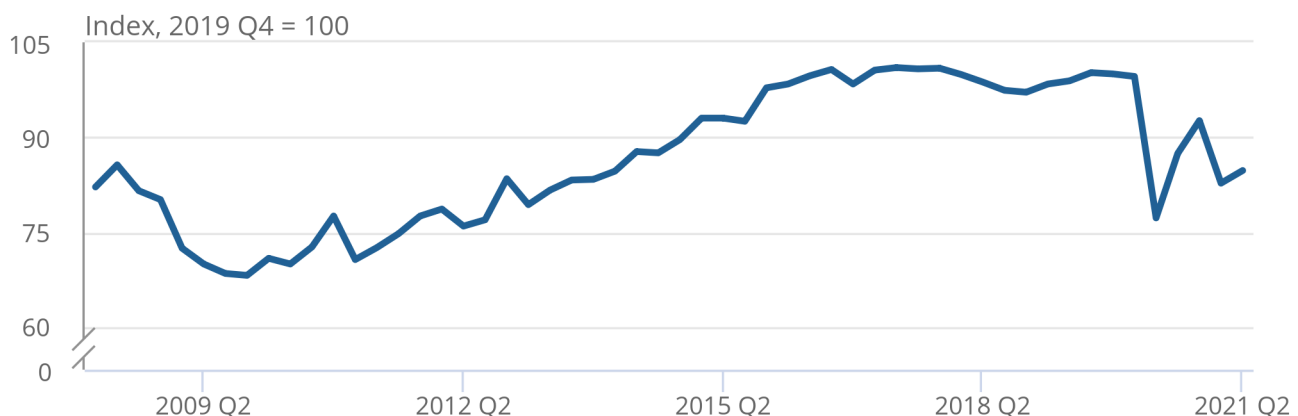
Elsewhere, [business investment](#) increased by 2.4% in Quarter 2 2021, though it is still 15.3% below its pre-pandemic levels (Figure 6). Evidence from the Bank of England's [Decision Maker Panel](#) survey found that in Quarter 2, overall uncertainty for businesses has improved. The percentage of businesses that viewed the overall level of uncertainty facing their business as high or very high was 50% in June 2021, the lowest level since February 2020. Coronavirus remained the largest source of uncertainty for 25% of businesses in June, down from 32% in May.

Figure 6: Business investment increased by 2.4% in Quarter 2 (Apr to June) 2021, and it is now 15.3% below Quarter 4 (Oct to Dec) 2019 levels

UK, Quarter 1 (Jan to Mar) 2008 to Quarter 2 (Apr to June) 2021, Index: 100 = 2019 Q4

Figure 6: Business investment increased by 2.4% in Quarter 2 (Apr to June) 2021, and it is now 15.3% below Quarter 4 (Oct to Dec) 2019 levels

UK, Quarter 1 (Jan to Mar) 2008 to Quarter 2 (Apr to June) 2021, Index: 100 = 2019 Q4



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.

Total change in inventories rose in Quarter 2 2021 by £87 million, although there was an increase of £2.3 billion excluding the alignment adjustment. Manufacturing industries contributed the most to this change in inventories, particularly in materials stores and fuels. Comments from companies noted an increase of the cost of materials and increasing stocks to hedge the supply chain problems and in readiness for the end of lockdowns and the economy opening up fully.

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

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

	Change in Inventories	Of which alignment	Of which balancing	Change in Inventories excluding alignment and balancing
2020 Q1 Current price	-2,007	1,048		-3,055
Chained volume measure	-2,368	975		-3,343
2020 Q2 Current price	-3,344	-3,028	-1,450	1,134
Chained volume measure	-6,140	-2,735	-1,450	-1,955
2020 Q3 Current price	-5,616	1,557		-7,173
Chained volume measure	-3,950	1,400		-5,350
2020 Q4 Current price	3,690	423	1,000	2,267
Chained volume measure	2,848	360	1,000	1,488
2021 Q1 Current price	1,435	-2,966		4,401
Chained volume measure	-1,215	-2,715	-400	1,900
2021 Q2 Current price	2,995	-2,356		5,351
Chained volume measure	87	-2,182		2,269

Source: Office for National Statistics - GDP first quarterly estimate

Notes

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

Net trade

The [latest trade figures](#) show there was a further rebound in goods trade in Quarter 2 2021, while services trade remains subdued. Some of the increase in trade flows in the second quarter is likely to reflect the recovery following the effects of EU exit and the coronavirus pandemic earlier in the year.

As announced on 29 June please see the [monthly trade release](#) regarding a correction and [revisions to 2020](#) published on 9 July, which has taken place outside of the usual [National Accounts revision period](#). This revision to trade statistics will be reflected in the Quarterly national accounts published on 30 September 2021.

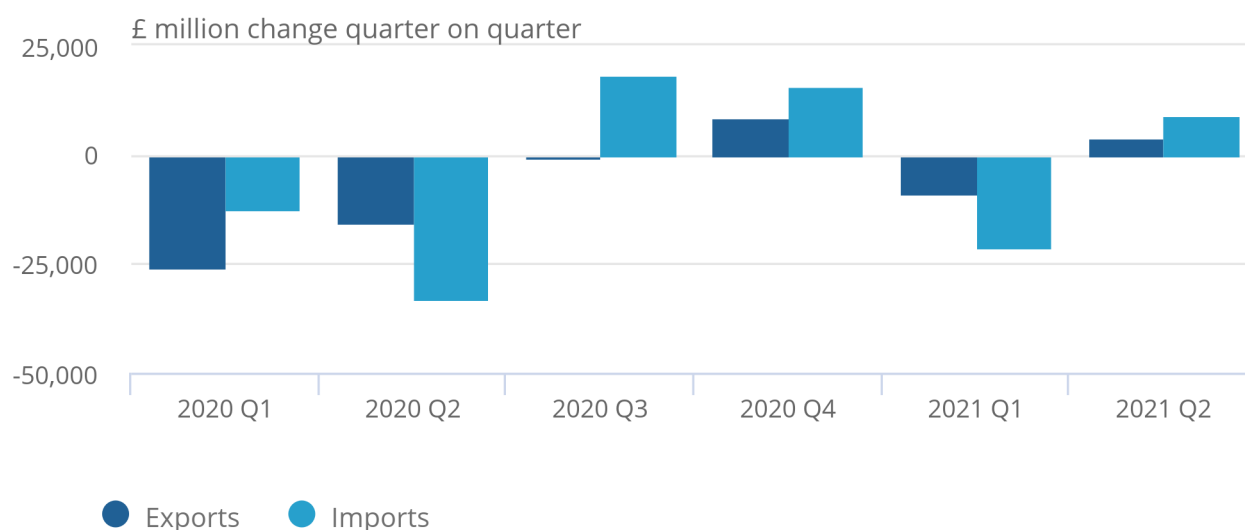
In volume terms, goods exports increased by 9.6%, largely driven by increases in chemicals, machinery and transport equipment, and material manufacturers. In contrast, there was a 4.7% decline in the volume of service exports, particularly in financial (fall of £1.2 billion), travel (fall of £0.4 billion) and insurance (fall of £0.4 billion). There was a similar pattern in the flows of imports, as goods imports increased by 10.0% while service imports declined by 3.8%.

Figure 7: Imports and exports of both goods and services increased in Quarter 2 (Apr to June) 2021

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

Figure 7: Imports and exports of both goods and services increased in Quarter 2 (Apr to June) 2021

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



Source: Office for National Statistics – GDP first quarterly estimate

Notes:

1. Q1 refers to Quarter 1 (Jan to Mar), Q2 refers to Quarter 2 (Apr to June), Q3 refers to Quarter 3 (July to Sept) and Q4 refers to Quarter 4 (Oct to Dec).
2. Data are in seasonally adjusted chain volume measures, and shows £ million change quarter on quarter.

5 . Income

Nominal gross domestic product (GDP) increased by 3.6% in Quarter 2 (Apr to June) 2021 (Figure 8). This increase was driven by increases in taxes less subsidies, compensation of employees and gross operating surplus.

Taxes in Quarter 2 2021 increased by 8.5%, primarily driven by higher Value Added Tax (VAT) revenues following the re-opening of the economy. There was also a marked 22.6% fall in subsidies, this was driven by a fall in the Small Business Support Scheme (SMG) and a fall in those that had been furloughed under the Coronavirus Job Retention Scheme (CJRS). This decrease in CJRS was partly offset by an increase in the Self-Employment Income Support Scheme (SEISS).

According to the [Business Insights and Conditions Survey \(BICS\)](#), with the easing of restrictions, the percentage of UK businesses currently trading increased from 75% in late March 2021 to 88% in late June 2021. As a result of easing restrictions and reopening of the economy, the proportion of the workforce on furlough has fallen from 17% in late March 2021 to 5% in late June 2021, the lowest proportion since the furlough scheme began.

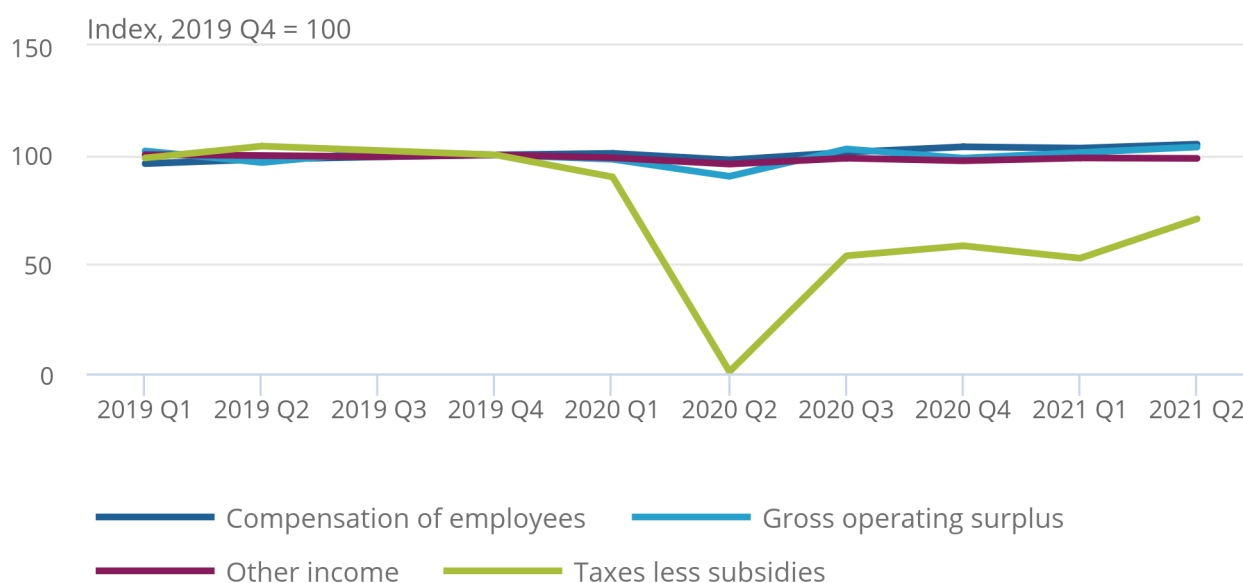
Compensation of employees increased by 1.7% in Quarter 2 2021 driven by increases in both wages and salaries of 1.8% and employers' social contributions of 1.3%.

Figure 8: Nominal GDP increased by 3.6% in Quarter 2 (Apr to June) 2021

UK, Quarter 1 (Jan to Mar) 2019 to Quarter 2 (Apr to June) 2021, Index: 100 = 2019 Q4

Figure 8: Nominal GDP increased by 3.6% in Quarter 2 (Apr to June) 2021

UK, Quarter 1 (Jan to Mar) 2019 to Quarter 2 (Apr to June) 2021, Index: 100 = 2019 Q4



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).
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Gross operating surplus (GOS) of corporations increased by 2.5% in Quarter 2 2021. However, this mainly reflects the alignment adjustment that is applied to this component for the purpose of balancing the income estimate of gross domestic product (GDP) for this quarter (Table 3). When the alignment adjustment is removed, GOS of corporations increased by 1.5%.

According to the [EY UK profit warning report](#), in Quarter 2 2021, UK companies issued 32 profit warnings, the lowest figure recorded for 22 years. This compares with 165 profit warnings issued in Quarter 2 2020.

Table 3: Gross operating surplus of corporations, including and excluding balancing and alignment adjustments UK, Quarter 1 (Jan to Mar) 2020 to Quarter 2 (Apr to June) 2021

	Gross operating surplus of corporations	Of which alignment	Gross operating surplus of corporations excluding alignment	Gross operating surplus of corporations excluding alignment
Quarter-on-quarter growth				
2020 Q1	113156	-1,032	114188	-1.5
2020 Q2	104162	-397	104559	-8.4
2020 Q3	118566	2,895	115671	10.6
2020 Q4	113790	-1466	115256	-0.4
2021 Q1	116726	666	116060	0.7
2021 Q2	119630	1,880	117750	1.5

Source: Office for National Statistics - GDP first quarterly estimate

Notes

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

6 . GDP first quarterly estimate data

[GDP – data tables](#)

Dataset | Released on 12 August 2021

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

[GDP in chained volume measures – real-time database \(ABMI\)](#) Dataset | Released on 12 August 2021

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

[GDP at current prices – real-time database \(YBHA\)](#) Dataset | Released on 12 August 2021

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

7 . Glossary

Contribution to growth

Contribution to growth indicates how many percentage points a sector or industry is adding or removing from a given growth rate, usually headline GDP growth.

Chained volume measure

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

Gross domestic product (GDP)

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

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

Index numbers

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

Rolling three-month growth

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

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

8 . Measuring the data

In line with the [National Accounts Revisions Policy](#), data for Quarter 2 (April to June) 2021 are published for the first time, with no revision to previous quarters.

In Blue Book 2021, [a new framework](#) will be introduced to improve how we produce volume estimates of gross domestic product (GDP) for balanced years as part of the supply use process. This framework includes the implementation of double-deflated industry-level gross value added for the first time. This improvement will be reflected in the September quarterly national accounts and October monthly GDP estimates.

On 28 June 2021 we published [Blue Book 2021 indicative impacts](#) of this change to annual GDP from 1997 to 2019. We also published [further impacts](#) on 28 June on the impact on this change to quarterly GDP from 1997 to 2019. We plan to publish [further impacts](#) on these changes at the quarterly industry level on 8 September 2021.

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.

Because of quarterly GDP being a balanced measure of the three approaches and the output approach focusing solely on growth in gross value added and output as a proxy for GDP, there is a difference in 2019 and 2020 data (in both levels and growths terms) between the quarterly publications (average GDP) and the [GDP monthly estimate](#) (output approach to GDP). Quarterly GDP is the lead measure of GDP because of its higher data content and inclusion of variables, which enable the conversion from a gross value added concept to a GDP basis.

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

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

To achieve a balanced GDP dataset through alignment, balancing adjustments are applied to the components of GDP where data content is particularly weak in a given quarter because of a higher level of forecast content. In this release, we have applied no balancing adjustments to expenditure or income.

9 . Strengths and Limitations

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

Important quality information

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

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

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

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

GDP estimates for Quarter 2 2021 are subject to more uncertainty than usual as a result of the challenges we faced estimating GDP in the current conditions. Differences in the methods for estimating the output of health and education services across different countries mean GDP may be less internationally comparable during the coronavirus (COVID-19) pandemic and recovery than usual, so should be made with increased caution. For more information, please refer to our [recently published blog](#).

Removal of datasets in GDP first quarterly estimate

As part of the GDP first quarterly estimate (FQE) and quarterly national accounts (QNA) releases, a number of [datasets](#) are produced. Currently, both the [GDP revision triangles](#) and [real time databases](#) are produced in both estimates. These datasets aim to provide an indication of the accuracy of the data and shows revisions throughout its timeseries. However, in a FQE, in line with the [National Accounts Revision Policy](#), there are not normally revisions to time series at this stage and as such, these datasets will not be produced during FQE in the future. The datasets will be continued to be published during QNA and any other GDP estimate where there are revisions to timeseries. For further queries on this, please contact: GDP@ons.gov.uk.

10 . Related Links

[Coronavirus and the effects on GDP](#)

Article | Released 6 May 2020

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

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

Bulletin | Released 12 August 2021

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

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

Bulletin | Released 12 August 2021

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

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

Bulletin | Released 12 August 2021

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

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

Bulletin | Released 12 August 2021

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

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

Article | Released 12 August 2021

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

[Coronavirus and the impact on measures of UK government education output: March 2020 to February 2021](#)

Article | Released 31 March 2021

An update on our approach to measuring education output in the UK during the coronavirus (COVID-19) pandemic. Includes a summary of our approach to measuring changes in teaching from March 2020, and the data used to inform our estimates of education output in the UK National Accounts.

A1 Gross domestic product and gross value added^{1,2}

2018 = 100

	Value indices at current prices		Chained volume indices			Implied deflators ³		
	Gross domestic product at market prices	Gross value added at basic prices	Gross domestic product at market prices	Gross value added at basic prices	Market sector gross value added	Gross national expenditure	Gross domestic product at market prices	Gross value added at basic prices
	YBEU	YBEX	YBEZ	CGCE	L48H	YBFV	YBGB	CGBV
2018	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2019	103.6	103.7	101.4	101.6	101.3	102.1	102.1	102.1
2020	98.6	99.8	91.4	91.5	90.6	107.8	107.8	109.1
Seasonally adjusted								
2019 Q1	102.5	102.7	101.1	101.2	101.3	101.4	101.4	101.4
Q2	103.1	102.9	101.2	101.4	101.1	101.9	101.8	101.5
Q3	104.3	104.4	101.7	101.9	101.5	103.0	102.5	102.4
Q4	104.5	104.8	101.7	101.9	101.2	102.2	102.7	102.9
2020 Q1	103.0	103.9	98.8	99.0	98.5	103.8	104.2	104.9
Q2	89.1	90.2	79.6	79.6	77.8	112.7	112.0	113.3
Q3	100.8	102.3	93.1	93.1	92.9	107.9	108.2	109.9
Q4	101.6	102.9	94.3	94.3	93.2	107.7	107.7	109.1
2021 Q1	101.3	102.7	92.8	92.8	91.9	109.4	109.2	110.7
Q2	105.0	105.9	97.2	97.3	96.5	107.9	108.0	108.8
Percentage change, latest year on previous year								
	IHYM	KGL6	IHYP	KGM7	L489	KH7D	IHYS	KGM4
2018	3.5	3.6	1.3	1.3	1.7	2.1	2.2	2.2
2019	3.6	3.7	1.4	1.6	1.3	2.1	2.1	2.1
2020	-4.8	-3.7	-9.8	-9.9	-10.5	5.5	5.6	6.9
Percentage change, latest quarter on previous quarter								
	IHYN	KGL8	IHYQ	KGM9		KH7E	IHYT	KGM5
2019 Q1	1.3	1.5	0.6	0.6	0.6	1.0	0.8	0.9
Q2	0.6	0.2	0.1	0.2	-0.2	0.6	0.4	0.1
Q3	1.1	1.4	0.5	0.5	0.4	1.0	0.6	0.9
Q4	0.2	0.4	-	-	-0.3	-0.7	0.2	0.4
2020 Q1	-1.4	-0.9	-2.8	-2.9	-2.6	1.6	1.5	2.0
Q2	-13.5	-13.1	-19.5	-19.6	-21.1	8.6	7.5	8.0
Q3	13.0	13.4	16.9	17.0	19.4	-4.3	-3.3	-3.1
Q4	0.8	0.5	1.3	1.3	0.4	-0.2	-0.5	-0.7
2021 Q1	-0.2	-0.1	-1.6	-1.6	-1.5	1.6	1.4	1.5
Q2	3.6	3.1	4.8	4.8	5.0	-1.4	-1.1	-1.7
Percentage change, latest quarter on corresponding quarter of previous year								
	IHYO	KGM2	IHYR	KGN3	L48D	KH7F	IHYU	KGM6
2019 Q1	4.0	3.9	1.7	1.9	2.1	1.9	2.2	2.0
Q2	3.6	3.7	1.5	1.7	1.3	2.3	2.1	1.9
Q3	3.5	3.6	1.4	1.5	1.1	2.6	2.1	2.0
Q4	3.3	3.6	1.2	1.2	0.6	1.8	2.0	2.4
2020 Q1	0.5	1.2	-2.2	-2.2	-2.7	2.4	2.8	3.4
Q2	-13.5	-12.3	-21.4	-21.5	-23.1	10.6	9.9	11.6
Q3	-3.4	-2.0	-8.5	-8.6	-8.5	4.8	5.6	7.3
Q4	-2.8	-1.9	-7.3	-7.5	-7.8	5.4	4.9	6.0
2021 Q1	-1.6	-1.1	-6.1	-6.2	-6.7	5.3	4.8	5.5
Q2	17.8	17.3	22.2	22.2	24.0	-4.3	-3.6	-4.0

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

A2 Gross domestic product and gross value added¹

£ million

	At current prices			Chained volume measures (Reference year 2018)			
	Gross domestic product at market prices	less Basic price adjustment ²	Gross value added at basic prices	Gross domestic product at market prices	less Basic price adjustment ²	Gross value added at basic prices	Gross value added excluding oil & gas ³
	YBHA	NTAP	ABML	ABMI	NTAO	ABMM	KLS2
2018	2 141 792	231 545	1 910 247	2 141 792	231 545	1 910 247	1 892 165
2019	2 218 439	237 471	1 980 968	2 172 511	231 829	1 940 682	1 922 733
2020	2 112 039	205 262	1 906 777	1 958 591	210 612	1 747 979	1 731 453
Seasonally adjusted							
2019 Q1	548 802	58 413	490 389	541 195	57 815	483 380	478 887
Q2	551 964	60 423	491 541	541 944	57 815	484 129	479 697
Q3	558 286	59 860	498 426	544 639	58 074	486 565	482 007
Q4	559 387	58 775	500 612	544 733	58 125	486 608	482 142
2020 Q1	551 502	55 472	496 030	529 223	56 577	472 646	468 384
Q2	477 249	46 302	430 947	426 197	45 961	380 236	375 997
Q3	539 525	50 903	488 622	498 429	53 685	444 744	440 644
Q4	543 763	52 585	491 178	504 742	54 389	450 353	446 428
2021 Q1	542 607	52 008	490 599	496 737	53 535	443 202	439 510
Q2	562 248	56 647	505 601	520 661	56 135	464 526	461 575
Percentage change, latest year on previous year							
	IHYM		KGL6	IHYP		KGM7	KLH8
2018	3.5		3.6	1.3		1.3	1.3
2019	3.6		3.7	1.4		1.6	1.6
2020	-4.8		-3.7	-9.8		-9.9	-9.9
Percentage change, latest quarter on previous quarter							
	IHYN		KGL8	IHYQ		KGM9	
2019 Q1	1.3		1.5	0.6		0.6	0.6
Q2	0.6		0.2	0.1		0.2	0.2
Q3	1.1		1.4	0.5		0.5	0.5
Q4	0.2		0.4	-		-	-
2020 Q1	-1.4		-0.9	-2.8		-2.9	-2.9
Q2	-13.5		-13.1	-19.5		-19.6	-19.7
Q3	13.0		13.4	16.9		17.0	17.2
Q4	0.8		0.5	1.3		1.3	1.3
2021 Q1	-0.2		-0.1	-1.6		-1.6	-1.5
Q2	3.6		3.1	4.8		4.8	5.0
Percentage change, latest quarter on corresponding quarter of previous year							
	IHYO		KGM2	IHYR		KGN3	KLH9
2019 Q1	4.0		3.9	1.7		1.9	1.9
Q2	3.6		3.7	1.5		1.7	1.7
Q3	3.5		3.6	1.4		1.5	1.6
Q4	3.3		3.6	1.2		1.2	1.3
2020 Q1	0.5		1.2	-2.2		-2.2	-2.2
Q2	-13.5		-12.3	-21.4		-21.5	-21.6
Q3	-3.4		-2.0	-8.5		-8.6	-8.6
Q4	-2.8		-1.9	-7.3		-7.5	-7.4
2021 Q1	-1.6		-1.1	-6.1		-6.2	-6.2
Q2	17.8		17.3	22.2		22.2	22.8

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

2 Taxes on products less subsidies.

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

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

2018 = 100

	Production							Service industries						
	Agri- culture, forestry, and fishing	Mining & quarrying inc oil & gas extract	Manu- facturing	Electric, gas, steam & air	Water supply, sewerage	Total	Constr- uction	Distri- bution, hotels & restaura- nts	Transport storage and commu- nications	Business services and finance	Govern- ment and other services	Total	Gross value added ⁴	Gross value added excluding oil & gas
2018 Weights³	6	11	101	14	13	139	64	134	106	332	218	790	1000	991
2018	L2KL	L2KR	L2KX	L2MW	L2N2	L2KQ	L2N8	L2PZ	KI8M	KI8O	KI8Q	L2NC	CGCE	KLH7
2019	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2020	106.3	99.1	98.2	99.8	100.4	98.8	101.8	102.5	105.2	100.6	101.7	101.8	101.6	101.6
	96.4	91.6	88.9	97.1	99.1	90.9	87.5	87.6	95.5	95.3	90.5	92.7	91.5	91.5
Seasonally adjusted														
2019 Q1	103.3	99.8	100.6	99.0	99.5	100.3	102.2	102.2	104.3	100.2	100.8	101.3	101.2	101.2
Q2	105.2	97.9	98.1	102.5	101.4	98.8	102.1	102.5	105.0	100.2	101.3	101.5	101.4	101.4
Q3	107.7	100.3	97.4	99.8	100.9	98.2	102.4	102.6	105.8	101.0	101.9	102.1	101.9	101.9
Q4	108.9	98.4	96.8	103.2	99.8	97.9	100.5	102.5	105.6	100.9	102.7	102.3	101.9	101.9
2020 Q1	104.4	94.4	95.1	98.5	100.8	95.9	98.3	97.5	102.3	100.1	98.5	99.5	99.0	99.0
Q2	90.2	92.2	75.2	91.8	95.2	80.1	65.2	64.9	86.2	90.2	76.6	81.6	79.6	79.5
Q3	95.1	91.6	91.2	99.4	99.9	92.9	92.1	97.5	95.5	94.5	91.7	94.3	93.1	93.2
Q4	95.9	88.1	94.2	98.6	100.5	94.8	94.6	90.5	98.0	96.4	95.4	95.3	94.3	94.4
2021 Q1	92.7	85.3	93.3	101.1	102.7	94.3	96.8	83.9	97.6	97.0	91.5	93.3	92.8	92.9
Q2	94.8	71.1	94.9	103.7	104.0	94.7	99.9	101.6	99.3	97.4	98.6	98.7	97.3	97.6
Percentage change, latest year on previous year														
	L3BB	L3BH	L3BN	L3DM	L3DQ	L3BG	L3DW	L3GP	KI8L	KI8N	KI8P	L3E2	KGM7	KLH8
2018	-3.3	5.3	1.1	-1.2	-1.4	0.9	-	2.8	3.4	1.1	0.6	1.6	1.3	1.3
2019	6.3	-0.9	-1.8	1.1	0.4	-1.2	1.8	2.5	5.2	0.6	1.7	1.8	1.6	1.6
2020	-9.3	-7.6	-9.5	-4.0	-1.3	-8.0	-14.0	-14.5	-9.2	-5.3	-11.0	-9.0	-9.9	-9.9
Percentage change, latest quarter on previous quarter														
2019 Q1	1.8	-0.3	1.6	0.7	-	1.2	1.6	0.8	1.8	-0.3	0.4	0.4	KGM9	0.6
Q2	1.8	-1.9	-2.5	3.6	1.9	-1.5	-0.1	0.3	0.7	-0.1	0.5	0.2	0.2	0.2
Q3	2.4	2.4	-0.7	-2.7	-0.5	-0.7	0.2	0.1	0.8	0.8	0.5	0.6	0.5	0.5
Q4	1.2	-1.9	-0.5	3.4	-1.1	-0.3	-1.8	-0.1	-0.2	-	0.8	0.2	-	-
2020 Q1	-4.2	-4.0	-1.8	-4.5	1.0	-2.0	-2.3	-4.9	-3.1	-0.8	-4.1	-2.7	-2.9	-2.9
Q2	-13.6	-2.4	-20.9	-6.8	-5.5	-16.5	-33.7	-33.4	-15.8	-9.9	-22.3	-18.0	-19.6	-19.7
Q3	5.5	-0.6	21.3	8.3	4.9	16.0	41.3	50.2	10.8	4.8	19.7	15.6	17.0	17.2
Q4	0.8	-3.8	3.3	-0.8	0.6	2.0	2.7	-7.1	2.6	2.0	4.1	1.0	1.3	1.3
2021 Q1	-3.3	-3.2	-1.0	2.5	2.1	-0.5	2.3	-7.4	-0.4	0.7	-4.1	-2.1	-1.6	-1.5
Q2	2.2	-16.6	1.8	2.5	1.3	0.5	3.3	21.1	1.8	0.4	7.7	5.7	4.8	5.0
Percentage change, latest quarter on corresponding quarter of previous year														
2019 Q1	L3ZZ	L427	L42D	L44C	L44G	L426	L44M	L47F	KII2	KIH9	KIH8	L44Q	KGN3	KLH9
Q2	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
Q3	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
Q4	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
	7.3	-1.7	-2.3	4.9	0.3	-1.2	-	1.2	3.0	0.4	2.2	1.4	1.2	1.3
2020 Q1	1.0	-5.4	-5.6	-0.5	1.3	-4.4	-3.8	-4.6	-1.9	-0.1	-2.3	-1.7	-2.2	-2.2
Q2	-14.3	-5.9	-23.4	-10.5	-6.1	-19.0	-36.2	-36.7	-18.0	-10.0	-24.4	-19.6	-21.5	-21.6
Q3	-11.7	-8.6	-6.3	-0.4	-1.0	-5.4	-10.0	-5.0	-9.8	-6.4	-10.0	-7.6	-8.6	-8.6
Q4	-11.9	-10.4	-2.7	-4.4	0.8	-3.2	-5.9	-11.7	-7.2	-4.5	-7.1	-6.8	-7.5	-7.4
2021 Q1	-11.2	-9.7	-1.9	2.6	1.9	-1.7	-1.5	-13.9	-4.6	-3.1	-7.1	-6.2	-6.2	-6.2
Q2	5.1	-22.8	26.3	12.9	9.2	18.3	53.3	56.5	15.3	8.0	28.7	21.0	22.2	22.8

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.

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

2018 = 100

Service industries											
	Wholesale and retail trade	Transport, storage and communications	Accommodation & food services	Financial and insurance activities	Real estate	Professional scientific admin & support	Public admin, defence, social security	Education	Health and social work	Other services ⁴	Total services
2018 Weights³	104	106	29	68	135	130	49	57	75	37	790
	L2NE	KI8M	L2NQ	L2O6	L2OC	L2OH	L2P8	L2PA	L2PC	L2Q5	L2NC
2018	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2019	102.4	105.2	102.5	97.4	100.6	102.2	102.1	102.9	101.1	100.2	101.8
2020	95.7	95.5	58.9	93.7	99.4	91.8	104.3	86.0	92.8	74.4	92.7
Seasonally adjusted											
2019 Q1	102.1	104.3	102.5	98.1	100.4	101.2	101.6	101.4	100.5	99.5	101.3
Q2	102.5	105.0	102.4	96.8	100.6	101.4	101.8	102.6	101.0	99.3	101.5
Q3	102.7	105.8	102.3	97.8	100.6	102.9	102.2	103.0	101.5	100.3	102.1
Q4	102.5	105.6	102.6	96.9	100.7	103.2	103.0	104.7	101.5	101.8	102.3
2020 Q1	99.1	102.3	91.9	95.6	101.0	101.5	103.4	95.5	99.3	95.0	99.5
Q2	79.0	86.2	14.9	91.8	98.4	80.7	104.2	64.5	78.4	54.6	81.6
Q3	103.3	95.5	76.8	92.6	99.1	90.7	104.7	88.0	93.1	76.9	94.3
Q4	101.4	98.0	52.2	94.8	99.3	94.2	105.0	96.1	100.5	71.0	95.3
2021 Q1	95.6	97.6	42.5	95.6	99.6	94.9	105.3	82.0	102.6	64.9	93.3
Q2	107.7	99.3	79.8	93.9	99.1	97.4	105.6	98.0	105.5	75.9	98.7
Percentage change, latest year on previous year											
	L3E4	KI8L	L3EG	L3EU	L3F2	L3F7	L3FW	L3FY	L3G2	L3GT	L3E2
2018	3.1	3.4	1.4	-0.9	-0.7	4.1	0.7	0.2	0.6	1.2	1.6
2019	2.4	5.2	2.5	-2.6	0.6	2.2	2.1	2.9	1.1	0.2	1.8
2020	-6.6	-9.2	-42.5	-3.8	-1.2	-10.2	2.1	-16.4	-8.2	-25.8	-9.0
Percentage change, latest quarter on previous quarter											
2019 Q1	0.8	1.8	0.9	-1.2	0.2	-0.2	1.0	0.5	0.2	-0.4	0.4
Q2	0.4	0.7	-0.2	-1.3	0.2	0.2	0.2	1.2	0.5	-0.3	0.2
Q3	0.2	0.8	-	1.0	-	1.5	0.3	0.4	0.6	1.0	0.6
Q4	-0.2	-0.2	0.3	-0.9	0.1	0.2	0.8	1.6	-0.1	1.5	0.2
2020 Q1	-3.4	-3.1	-10.4	-1.4	0.2	-1.6	0.4	-8.7	-2.1	-6.7	-2.7
Q2	-20.2	-15.8	-83.8	-4.0	-2.5	-20.5	0.8	-32.5	-21.0	-42.6	-18.0
Q3	30.8	10.8	414.8	0.9	0.7	12.4	0.5	36.5	18.8	40.9	15.6
Q4	-1.9	2.6	-32.0	2.4	0.2	3.8	0.3	9.2	7.9	-7.6	1.0
2021 Q1	-5.7	-0.4	-18.6	0.9	0.4	0.8	0.3	-14.7	2.2	-8.6	-2.1
Q2	12.8	1.8	87.8	-1.8	-0.5	2.6	0.3	19.4	2.8	16.9	5.7
Percentage change, latest quarter on corresponding quarter of the previous year											
	L44S	KI12	L456	L45K	L45Q	L45V	L46M	L46O	L46Q	L47J	L44Q
2019 Q1	4.3	6.7	4.2	-2.6	0.1	2.4	2.0	1.6	0.3	0.1	2.1
Q2	2.7	6.1	2.8	-3.3	1.1	2.0	2.5	2.9	1.5	-1.2	1.9
Q3	1.6	5.2	2.0	-2.1	0.8	2.5	1.6	3.4	1.6	0.1	1.8
Q4	1.3	3.0	0.9	-2.4	0.5	1.8	2.4	3.8	1.1	1.9	1.4
2020 Q1	-3.0	-1.9	-10.4	-2.5	0.5	0.4	1.8	-5.8	-1.2	-4.5	-1.7
Q2	-22.9	-18.0	-85.4	-5.2	-2.2	-20.4	2.3	-37.1	-22.3	-45.0	-19.6
Q3	0.6	-9.8	-25.0	-5.3	-1.6	-11.8	2.5	-14.6	-8.3	-23.4	-7.6
Q4	-1.1	-7.2	-49.1	-2.2	-1.5	-8.7	2.0	-8.2	-1.0	-30.2	-6.8
2021 Q1	-3.5	-4.6	-53.8	-	-1.3	-6.5	1.9	-14.1	3.4	-31.6	-6.2
Q2	36.4	15.3	434.8	2.3	0.7	20.7	1.4	51.9	34.6	39.1	21.0

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

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

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

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

C1 Gross domestic product: expenditure at current market prices¹

£ million

National expenditure on goods and services at market prices																
Final consumption expenditure							Gross capital formation							Statistical discrepancy (expenditure)	Gross domestic product at market prices	
Households	Non-profit institutions ^{2 7}	General government	Gross fixed capital formation	Of which business investment ³	Change in inventories ⁴	Of which alignment adjustment	Acquisitions less disposals of valuables ⁵	Total	Exports	Gross final expenditure	less imports	Trade balance ⁶				
	ABJQ	HAYE	NMRP	NPQS	NPEK	CAEX	DMUN	NPJQ	YBIL	IKBH	ABMF	IKBI	IKBJ	GIXM	YBHA	
2018	1 335 216	50 475	398 421	381 249	214 848	-756	-	2 674 2	167 279	661 601	2 828 880	687 088	-25 487	-	2 141 792	
2019	1 367 861	52 416	423 124	399 508	224 000	7 352	1 391	-466 2	249 795	689 274	2 939 069	716 744	-27 470	-3 886	2 218 439	
2020	1 231 580	53 137	481 778	370 986	204 883	-7 277	-	-5 427 2	124 777	577 988	2 702 765	585 545	-7 557	-5 181	2 112 039	
Seasonally adjusted																
2019 Q1	338 837	12 804	104 226	99 316	54 669	7 490	969	10 849	573 522	164 268	737 790	188 960	-24 692	-28	548 802	
Q2	341 615	13 026	104 104	99 709	56 112	3 172	2 106	938	562 564	167 134	729 698	176 603	-9 469	-1 131	551 964	
Q3	344 185	13 215	106 864	100 582	56 645	-867	2 093	557	564 536	175 274	739 810	180 639	-5 365	-885	558 286	
Q4	343 224	13 371	107 930	99 901	56 574	-2 443	-3 777	-12 810	549 173	182 598	731 771	170 542	12 056	-1 842	559 387	
2020 Q1	336 480	13 428	107 987	99 120	56 449	-2 007	1 048	-48	554 960	156 623	711 583	159 041	-2 418	-1 040	551 502	
Q2	263 940	13 217	123 045	78 899	44 210	-3 344	-3 028	-9 273	466 484	137 255	603 739	125 224	12 031	-1 266	477 249	
Q3	319 277	13 262	123 275	94 118	50 372	-5 616	1 557	590	544 906	138 223	683 129	142 172	-3 949	-1 432	539 525	
Q4	311 883	13 230	127 471	98 849	53 852	3 690	423	3 304	558 427	145 887	704 314	159 108	-13 221	-1 443	543 763	
2021 Q1	301 980	13 359	130 996	97 219	47 743	1 435	-2 966	-284	544 705	138 646	683 351	139 316	-670	-1 428	542 607	
Q2	327 470	13 544	129 611	95 237	48 907	2 995	-2 356	-675	568 182	146 408	714 590	150 854	-4 446	-1 488	562 248	
Percentage change, latest year on previous year																
	KG7Y	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	-10.0	1.4	13.9	-7.1	-8.5			-5.6	-16.1	-8.0	-18.3				-4.8	
Percentage change, latest quarter on previous quarter																
	KG78	KGZ9	KH2D	KG6W	KG6V			KGX4	KH2P	KG78	KH3I				IHYN	
2019 Q1	0.5	0.1	3.0	3.2	2.0			4.0	-3.3	2.3	5.1				1.3	
Q2	0.8	1.7	-0.1	0.4	2.6			-1.9	1.7	-1.1	-6.5				0.6	
Q3	0.8	1.5	2.7	0.9	0.9			0.4	4.9	1.4	2.3				1.1	
Q4	-0.3	1.2	1.0	-0.7	-0.1			-2.7	4.2	-1.1	-5.6				0.2	
2020 Q1	-2.0	0.4	0.1	-0.8	-0.2			1.1	-14.2	-2.8	-6.7				-1.4	
Q2	-21.6	-1.6	13.9	-20.4	-21.7			-15.9	-12.4	-15.2	-21.3				-13.5	
Q3	21.0	0.3	0.2	19.3	13.9			16.8	0.7	13.1	13.5				13.0	
Q4	-2.3	-0.2	3.4	5.0	6.9			2.5	5.5	3.1	11.9				0.8	
2021 Q1	-3.2	1.0	2.8	-1.6	-11.3			-2.5	-5.0	-3.0	-12.4				-0.2	
Q2	8.4	1.4	-1.1	-2.0	2.4			4.3	5.6	4.6	8.3				3.6	
Percentage change, latest quarter on corresponding quarter of previous year																
	KG79	KH22	KH2E	KG76	KG75			KGX5	KH2Q	KG79	KH3J				IHYO	
2019 Q1	2.7	3.0	6.0	5.1	0.3			7.6	2.0	6.3	13.6				4.0	
Q2	2.7	3.7	5.4	5.1	4.3			4.4	2.8	4.0	4.8				3.6	
Q3	2.7	4.2	6.8	5.1	6.9			3.9	4.3	3.9	4.8				3.5	
Q4	1.8	4.5	6.6	3.9	5.6			-0.4	7.5	1.4	-5.1				3.3	
2020 Q1	-0.7	4.9	3.6	-0.2	3.3			-3.2	-4.7	-3.6	-15.8				0.5	
Q2	-22.7	1.5	18.2	-20.9	-21.2			-17.1	-17.9	-17.3	-29.1				-13.5	
Q3	-7.2	0.4	15.4	-6.4	-11.1			-3.5	-21.1	-7.7	-21.3				-3.4	
Q4	-9.1	-1.1	18.1	-1.1	-4.8			1.7	-20.1	-3.8	-6.7				-2.8	
2021 Q1	-10.3	-0.5	21.3	-1.9	-15.4			-1.8	-11.5	-4.0	-12.4				-1.6	
Q2	24.1	2.5	5.3	20.7	10.6			21.8	6.7	18.4	20.5				17.8	

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

2 Non-profit institutions serving households.

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

4 Quarterly alignment adjustment included in this series.

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

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

7 There is a small difference between the gross operating surplus of the NPISH sector in the Table 6.2.3 of the UK Economic Accounts dataset, compared with the consumption of fixed capital for the NPISH sector published in the GDP release. This affects 2019Q1 onwards. The latest figures for the affected series can be found in the UK Economic Accounts dataset.

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

Reference year 2018, £ million

National expenditure on goods and services at market prices															
Final consumption expenditure						Gross capital formation									
	Households	Non-profit institutions ^{2 7}	General government	Gross fixed capital formation	Of which business investment ³	Change in inventories ⁴	Of which alignment adjustment	Acquisitions less disposals of valuables ⁵	Total	Exports	Gross final expenditure	less imports	Total	Trade balance ⁶	Gross domestic product at market prices
	ABJR	HAYO	NMRY	NPQT	NPEL	CAFU	DMUM	NPJR	YBIM	IKBK	ABMG	IKBL	IKBM	GIXS	ABMI
2018	1 335 216	50 475	398 421	381 249	214 848	-756	-	2 674 2	167 279	661 601	2 828 880	687 088	-25 487	-	2 141 792
2019	1 349 709	51 227	414 388	387 094	217 260	1 663	1 359	-1 091	2 202 992	679 186	2 882 178	705 872	-26 686	-3 795	2 172 511
2020	1 206 481	41 421	387 620	353 118	195 041	-9 610	-	-7 345	1 971 686	571 830	2 543 516	580 134	-8 304	-4 791	1 958 591
Seasonally adjusted															
2019 Q1	336 057	12 788	102 261	97 322	53 774	7 314	949	9 956	565 698	164 775	730 473	189 250	-24 475	-28	541 195
Q2	337 968	12 607	104 646	96 280	54 050	-246	2 059	584	551 840	163 512	715 352	172 298	-8 786	-1 110	541 944
Q3	338 377	12 831	103 741	97 537	54 782	-2 352	2 035	-1 896	548 238	172 158	720 396	174 894	-2 736	-863	544 639
Q4	337 307	13 001	103 740	95 955	54 654	-3 053	-3 684	-9 735	537 216	178 741	715 957	169 430	9 311	-1 794	544 733
2020 Q1	328 455	12 309	101 824	94 847	54 426	-2 368	975	-647	534 421	152 744	687 165	156 944	-4 200	-998	529 223
Q2	260 221	9 346	84 249	75 257	42 206	-6 140	-2 735	-9 156	413 777	137 350	551 127	123 799	13 551	-1 131	426 197
Q3	311 485	9 929	97 527	89 545	47 787	-3 950	1 400	429	504 965	136 696	641 661	141 909	-5 213	-1 323	498 429
Q4	306 320	9 837	104 020	93 469	50 622	2 848	360	2 029	518 523	145 040	663 563	157 482	-12 442	-1 339	504 742
2021 Q1	292 235	9 985	105 601	91 836	45 215	-1 215	-2 715	-400	498 042	136 238	634 280	136 236	2	-1 307	496 737
Q2	313 560	10 634	111 997	91 340	46 319	87	-2 182	-871	526 747	140 348	667 095	145 056	-4 708	-1 378	520 661
Percentage change, latest year on previous year															
	KGZ5	KH26	KH2I	KG7N	KG7M				KGX9	KH2U	KGW5	KH3N			IHYP
2018	1.3	5.6	0.6	0.4	-2.5				1.2	3.0	1.6	2.7			1.3
2019	1.1	1.5	4.0	1.5	1.1				1.6	2.7	1.9	2.7			1.4
2020	-10.6	-19.1	-6.5	-8.8	-10.2				-10.5	-15.8	-11.8	-17.8			-9.8
Percentage change, latest quarter on previous quarter															
	KGZ6	KH27	KH2J	KG7Q	KG7P				KGY2	KH2V	KGW6	KH3O			IHYQ
2019 Q1	-	0.2	1.4	2.1	1.3				3.0	-1.2	2.0	6.5			0.6
Q2	0.6	-1.4	2.3	-1.1	0.5				-2.4	-0.8	-2.1	-9.0			0.1
Q3	0.1	1.8	-0.9	1.3	1.4				-0.7	5.3	0.7	1.5			0.5
Q4	-0.3	1.3	-	-1.6	-0.2				-2.0	3.8	-0.6	-3.1			-
2020 Q1	-2.6	-5.3	-1.8	-1.2	-0.4				-0.5	-14.5	-4.0	-7.4			-2.8
Q2	-20.8	-24.1	-17.3	-20.7	-22.5				-22.6	-10.1	-19.8	-21.1			-19.5
Q3	19.7	6.2	15.8	19.0	13.2				22.0	-0.5	16.4	14.6			16.9
Q4	-1.7	-0.9	6.7	4.4	5.9				2.7	6.1	3.4	11.0			1.3
2021 Q1	-4.6	1.5	1.5	-1.7	-10.7				-3.9	-6.1	-4.4	-13.5			-1.6
Q2	7.3	6.5	6.1	-0.5	2.4				5.8	3.0	5.2	6.5			4.8
Percentage change, latest quarter on corresponding quarter of previous year															
	KGZ7	KH28	KH2K	KG7T	KG7S				KGY3	KH2W	KGW7	KH3P			IHYR
2019 Q1	1.2	1.9	3.1	2.3	-1.6				5.5	-0.3	4.2	11.9			1.7
Q2	1.6	0.6	5.8	1.1	0.2				2.1	0.5	1.7	1.9			1.5
Q3	1.2	1.5	4.3	2.1	3.0				1.3	3.1	1.7	2.3			1.4
Q4	0.3	1.9	2.8	0.6	3.0				-2.2	7.2	-	-4.7			1.2
2020 Q1	-2.3	-3.7	-0.4	-2.5	1.2				-5.5	-7.3	-5.9	-17.1			-2.2
Q2	-23.0	-25.9	-19.5	-21.8	-21.9				-25.0	-16.0	-23.0	-28.1			-21.4
Q3	-7.9	-22.6	-6.0	-8.2	-12.8				-7.9	-20.6	-10.9	-18.9			-8.5
Q4	-9.2	-24.3	0.3	-2.6	-7.4				-3.5	-18.9	-7.3	-7.1			-7.3
2021 Q1	-11.0	-18.9	3.7	-3.2	-16.9				-6.8	-10.8	-7.7	-13.2			-6.1
Q2	20.5	13.8	32.9	21.4	9.7				27.3	2.2	21.0	17.2			22.2

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

2 Non-profit institutions serving households.

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

4 Quarterly alignment adjustment included in this series.

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

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

7 There is a small difference between the gross operating surplus of the NPISH sector in the Table 6.2.3 of the UK Economic Accounts dataset, compared with the consumption of fixed capital for the NPISH sector published in the GDP release. This affects 2019Q1 onwards. The latest figures for the affected series can be found in the UK Economic Accounts dataset.

D Gross domestic product by category of income: current prices¹

£ million

	Compensation of employees			Gross operating surplus of corporations ^{2,3}	Of which alignment adjustment	Other income ⁴	Gross value added at factor cost	Taxes on products & production less subsidies	Statistical discrepancy (income)	Gross domestic product at market prices
	Wages and Salaries	Employers social contributions	Total							
	DTWL	DTWP	DTWM	CGBZ	DMUQ	CGBX	CGCB	CMVL	GIXQ	YBHA
2018	866 970	181 274	1 048 244	454 369	–	380 590	1 883 203	258 589	–	2 141 792
2019	898 974	199 602	1 098 576	461 684	565	392 878	1 953 138	264 766	535	2 218 439
2020	912 710	214 246	1 126 956	449 674	–	384 289	1 960 919	132 844	18 276	2 112 039

Seasonally adjusted

2019 Q1	220 890	47 322	268 212	117 535	554	98 528	484 275	64 508	19	548 802
Q2	224 135	49 890	274 025	111 400	–374	98 158	483 583	68 057	324	551 964
Q3	226 146	50 717	276 863	117 260	845	97 721	491 844	66 755	–313	558 286
Q4	227 803	51 673	279 476	115 489	–460	98 471	493 436	65 446	505	559 387
2020 Q1	228 935	52 453	281 388	113 156	–1 032	97 197	491 741	58 822	939	551 502
Q2	220 994	51 930	272 924	104 162	–397	94 319	471 405	543	5 301	477 249
Q3	228 316	54 415	282 731	118 566	2 895	96 998	498 295	35 240	5 990	539 525
Q4	234 465	55 448	289 913	113 790	–1 466	95 775	499 478	38 239	6 046	543 763
2021 Q1	235 500	52 745	288 245	116 726	666	97 079	502 050	34 512	6 045	542 607
Q2	239 693	53 442	293 135	119 630	1 880	96 935	509 700	46 268	6 280	562 248

Percentage change, latest year on previous year

	CWNH	CWNE	KGI3	KH4V		KH6T	KH6N	KH65		IHYM
2018	4.4	2.7	4.1	2.3		3.9	3.6	2.9		3.5
2019	3.7	10.1	4.8	1.6		3.2	3.7	2.4		3.6
2020	1.5	7.3	2.6	–2.6		–2.2	0.4	–49.8		–4.8

Percentage change, latest quarter on previous quarter

	CWNI	CWNF	KGI4	KH4W		KH6U	KH6O	KH66		IHYN
2019 Q1	0.2	–0.2	0.2	5.7		1.2	1.7	–1.2		1.3
Q2	1.5	5.4	2.2	–5.2		–0.4	–0.1	5.5		0.6
Q3	0.9	1.7	1.0	5.3		–0.4	1.7	–1.9		1.1
Q4	0.7	1.9	0.9	–1.5		0.8	0.3	–2.0		0.2
2020 Q1	0.5	1.5	0.7	–2.0		–1.3	–0.3	–10.1		–1.4
Q2	–3.5	–1.0	–3.0	–7.9		–3.0	–4.1	–99.1		–13.5
Q3	3.3	4.8	3.6	13.8		2.8	5.7	6 389.9		13.0
Q4	2.7	1.9	2.5	–4.0		–1.3	0.2	8.5		0.8
2021 Q1	0.4	–4.9	–0.6	2.6		1.4	0.5	–9.7		–0.2
Q2	1.8	1.3	1.7	2.5		–0.1	1.5	34.1		3.6

Percentage change, latest quarter on corresponding quarter of previous year

	CWNJ	CWNG	KGI5	KH4X		KH6V	KH6P	KH67		IHYO
2019 Q1	3.3	8.8	4.2	2.0		6.2	4.1	3.1		4.0
Q2	4.3	12.6	5.7	–1.6		3.7	3.5	3.5		3.6
Q3	3.8	10.1	4.9	2.2		2.0	3.7	2.8		3.5
Q4	3.4	9.0	4.4	3.9		1.1	3.6	0.2		3.3
2020 Q1	3.6	10.8	4.9	–3.7		–1.4	1.5	–8.8		0.5
Q2	–1.4	4.1	–0.4	–6.5		–3.9	–2.5	–99.2		–13.5
Q3	1.0	7.3	2.1	1.1		–0.7	1.3	–47.2		–3.4
Q4	2.9	7.3	3.7	–1.5		–2.7	1.2	–41.6		–2.8
2021 Q1	2.9	0.6	2.4	3.2		–0.1	2.1	–41.3		–1.6
Q2	8.5	2.9	7.4	14.8		2.8	8.1	8 420.8		17.8

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

2 Quarterly alignment adjustment included in this series.

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

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

F1 Gross fixed capital formation by sector and type of asset

Current prices

£ million

	Analysis by sector								Analysis by asset					
	Public corporations ²				Private Sector									
	Business investment ¹	General government	Dwellings ⁴	Costs of transfer of ownership of non-produced assets	Dwellings ⁴	Costs of transfer of ownership of non-produced assets	Total	Transport equipment	ICT equipment and other machinery and equipment ³	Dwellings ⁴	Other buildings and structures ⁵	Intellectual Property Products		Total
2018	NPEK	RPZG	L62R	L62S	L62T	L62U	NPQS	TLPX	TLPW	GGAE	EQED	TLPK	NPQS	
2019	214 848	57 117	4 618	758	80 333	23 573	381 249	20 408	62 119	84 952	131 964	81 800	381 249	
2020	224 000	61 992	4 686	767	82 925	25 138	399 508	20 994	61 595	87 638	143 975	85 306	399 508	
2020	204 883	65 397	4 806	648	72 657	22 595	370 986	16 373	59 126	77 463	130 412	87 612	370 986	
Seasonally adjusted														
2019 Q1	54 669	15 650	1 149	182	21 016	6 650	99 316	4 669	15 862	22 163	35 610	21 012	99 316	
Q2	56 112	15 114	1 157	203	20 947	6 176	99 709	5 726	15 188	22 112	35 392	21 291	99 709	
Q3	56 645	15 654	1 166	194	20 763	6 160	100 582	5 248	15 350	21 939	36 440	21 605	100 582	
Q4	56 574	15 574	1 214	188	20 199	6 152	99 901	5 351	15 195	21 424	36 533	21 398	99 901	
2020 Q1	56 449	15 632	1 200	180	19 635	6 024	99 120	4 014	16 113	20 835	35 809	22 349	99 120	
Q2	44 210	16 432	1 115	150	11 626	5 366	78 899	1 570	12 795	12 741	30 157	21 636	78 899	
Q3	50 372	16 317	1 210	150	20 694	5 375	94 118	4 579	14 474	21 904	31 512	21 649	94 118	
Q4	53 852	17 016	1 281	168	20 702	5 830	98 849	6 210	15 744	21 983	32 934	21 978	98 849	
2021 Q1	47 743	20 693	1 386	180	21 234	5 983	97 219	2 794	15 660	22 620	35 176	20 969	97 219	
Q2	48 907	17 023	1 371	201	21 560	6 175	95 237	2 337	16 262	22 931	32 138	21 569	95 237	
Percentage change, latest year on previous year														
2018	KG6N	KH7N	L64E	L64H	L64K	L64N	KG6O	KG6T	KG6S	KH7X	KH7W	KG6R	KG6O	
2019	-0.6	3.4	-45.4	-1.8	14.7	8.9	2.4	-18.0	0.7	8.3	2.5	4.2	2.4	
2020	4.3	8.5	1.5	1.2	3.2	6.6	4.8	2.9	-0.8	3.2	9.1	4.3	4.8	
2020	-8.5	5.5	2.6	-15.5	-12.4	-10.1	-7.1	-22.0	-4.0	-11.6	-9.4	2.7	-7.1	
Percentage change, latest quarter on previous quarter														
2019 Q1	KG6V	KH7P	L64F	L64I	L64L	L64O	KG6W	KG73	KG72	KH83	KH82	KG6Z	KG6W	
Q2	2.0	9.0	6.8	-5.7	2.8	1.4	3.2	-28.0	-0.1	3.0	11.9	2.5	3.2	
Q3	2.6	-3.4	0.7	11.5	-0.3	-7.1	0.4	22.6	-4.2	-0.2	-0.6	1.3	0.4	
Q4	0.9	3.6	0.8	-4.4	-0.9	-0.3	0.9	-8.3	1.1	-0.8	3.0	1.5	0.9	
2020 Q1	-0.1	-0.5	4.1	-3.1	-2.7	-0.1	-0.7	2.0	-1.0	-2.3	0.3	-1.0	-0.7	
2020 Q1	-0.2	0.4	-1.2	-4.3	-2.8	-2.1	-0.8	-25.0	6.0	-2.7	-2.0	4.4	-0.8	
Q2	-21.7	5.1	-7.1	-16.7	-40.8	-10.9	-20.4	-60.9	-20.6	-38.8	-15.8	-3.2	-20.4	
Q3	13.9	-0.7	8.5	-	78.0	0.2	19.3	191.7	13.1	71.9	4.5	0.1	19.3	
Q4	6.9	4.3	5.9	12.0	-	8.5	5.0	35.6	8.8	0.4	4.5	1.5	5.0	
2021 Q1	-11.3	21.6	8.2	7.1	2.6	2.6	-1.6	-55.0	-0.5	2.9	6.8	-4.6	-1.6	
Q2	2.4	-17.7	-1.1	11.7	1.5	3.2	-2.0	-16.4	3.8	1.4	-8.6	2.9	-2.0	
Percentage change, latest quarter on corresponding quarter of previous year														
2019 Q1	KG75	KH7R	L64G	L64J	L64M	L64P	KG76	KG7B	KG7A	KH87	KH86	KG79	KG76	
Q2	0.3	11.0	-6.1	8.3	8.3	30.9	5.1	1.1	1.9	7.4	6.7	3.6	5.1	
Q3	4.3	6.8	-4.1	2.0	4.3	13.3	5.1	43.9	-0.1	3.9	4.5	3.6	5.1	
Q4	6.9	7.9	4.8	-2.0	1.7	-5.1	5.1	-1.4	-0.8	1.9	10.7	5.5	5.1	
2020 Q1	5.6	8.5	12.8	-2.6	-1.2	-6.1	3.9	-17.5	-4.3	-0.4	14.8	4.4	3.9	
2020 Q1	3.3	-0.1	4.4	-1.1	-6.6	-9.4	-0.2	-14.0	1.6	-6.0	0.6	6.4	-0.2	
Q2	-21.2	8.7	-3.6	-26.1	-44.5	-13.1	-20.9	-72.6	-15.8	-42.4	-14.8	1.6	-20.9	
Q3	-11.1	4.2	3.8	-22.7	-0.3	-12.7	-6.4	-12.7	-5.7	-0.2	-13.5	0.2	-6.4	
Q4	-4.8	9.3	5.5	-10.6	2.5	-5.2	-1.1	16.1	3.6	2.6	-9.9	2.7	-1.1	
2021 Q1	-15.4	32.4	15.5	-	8.1	-0.7	-1.9	-30.4	-2.8	8.6	-1.8	-6.2	-1.9	
Q2	10.6	3.6	23.0	34.0	85.4	15.1	20.7	48.9	27.1	80.0	6.6	-0.3	20.7	

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

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

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

4 Includes new dwellings and improvements to dwellings.

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

F2 Gross fixed capital formation by sector and type of asset

Chained volume measures

Reference year 2018, £ million

	Analysis by sector								Analysis by asset					
	Public corporations ²				Private Sector									
	Business investment ¹	General government	Dwellings ⁴	Costs of transfer of ownership of non-produced assets	Dwellings ⁴	Costs of transfer of ownership of non-produced assets	Total	Transport equipment	ICT equipment and other machinery and equipment ³	Dwellings ⁴	Other buildings and structures ⁵	Intellectual Property Products		Total
	NPEL	DLWF	L634	L635	L636	L637	NPQT	DLWL	DLWO	DFEG	DLWT	EQDO	NPQT	
2018	214 848	57 116	4 618	758	80 336	23 568	381 249	20 424	62 120	84 955	131 949	81 800	381 249	
2019	217 260	59 392	4 530	743	80 477	24 692	387 094	20 640	59 809	85 032	137 990	83 623	387 094	
2020	195 041	61 463	4 601	613	69 455	21 945	353 118	14 443	56 763	74 056	123 141	84 715	353 118	
Seasonally adjusted														
2019 Q1	53 774	15 129	1 082	178	20 585	6 574	97 322	4 950	15 720	21 664	34 152	20 836	97 322	
Q2	54 050	14 482	1 157	197	20 347	6 047	96 280	5 649	14 513	21 512	33 682	20 924	96 280	
Q3	54 782	15 085	1 112	188	20 273	6 097	97 537	5 133	15 327	21 395	34 600	21 082	97 537	
Q4	54 654	14 696	1 179	180	19 272	5 974	95 955	4 908	14 249	20 461	35 556	20 781	95 955	
2020 Q1	54 426	14 502	1 152	171	18 789	5 807	94 847	3 782	15 497	19 941	33 824	21 803	94 847	
Q2	42 206	15 534	1 066	142	11 068	5 241	75 257	1 371	12 234	12 134	28 578	20 940	75 257	
Q3	47 787	15 369	1 148	142	19 840	5 259	89 545	3 901	13 781	20 988	29 979	20 896	89 545	
Q4	50 622	16 058	1 235	158	19 758	5 638	93 469	5 389	15 251	20 993	30 760	21 076	93 469	
2021 Q1	45 215	19 138	1 322	167	20 167	5 827	91 836	2 653	14 815	21 489	32 785	20 094	91 836	
Q2	46 319	17 277	1 290	187	20 319	5 948	91 340	2 187	15 842	21 609	31 118	20 584	91 340	
Percentage change, latest year on previous year														
	KG7M	KH9Z	L64T	L64W	L654	L64Z	KG7N	KH95	KH96	KH8Y	KH97	KH98	KG7N	
2018	-2.5	1.4	-47.0	-3.6	11.4	10.0	0.4	-22.2	1.6	5.1	-0.3	3.2	0.4	
2019	1.1	4.0	-1.9	-2.0	0.2	4.8	1.5	1.1	-3.7	0.1	4.6	2.2	1.5	
2020	-10.2	3.5	1.6	-17.5	-13.7	-11.1	-8.8	-30.0	-5.1	-12.9	-10.8	1.3	-8.8	
Percentage change, latest quarter on previous quarter														
	KG7P	KH9C	L64U	L64X	L655	L652	KG7Q	KH9F	KH9G	KH9A	KH9H	KH9I	KG7Q	
2019 Q1	1.3	6.8	-3.1	-7.3	1.9	0.5	2.1	-24.1	-0.2	1.6	9.1	2.2	2.1	
Q2	0.5	-4.3	6.9	10.7	-1.2	-8.0	-1.1	14.1	-7.7	-0.7	-1.4	0.4	-1.1	
Q3	1.4	4.2	-3.9	-4.6	-0.4	0.8	1.3	-9.1	5.6	-0.5	2.7	0.8	1.3	
Q4	-0.2	-2.6	6.0	-4.3	-4.9	-2.0	-1.6	-4.4	-7.0	-4.4	2.8	-1.4	-1.6	
2020 Q1	-0.4	-1.3	-2.3	-5.0	-2.5	-2.8	-1.2	-22.9	8.8	-2.5	-4.9	4.9	-1.2	
Q2	-22.5	7.1	-7.5	-17.0	-41.1	-9.7	-20.7	-63.7	-21.1	-39.2	-15.5	-4.0	-20.7	
Q3	13.2	-1.1	7.7	-	79.3	0.3	19.0	184.5	12.6	73.0	4.9	-0.2	19.0	
Q4	5.9	4.5	7.6	11.3	-0.4	7.2	4.4	38.1	10.7	-	2.6	0.9	4.4	
2021 Q1	-10.7	19.2	7.0	5.7	2.1	3.4	-1.7	-50.8	-2.9	2.4	6.6	-4.7	-1.7	
Q2	2.4	-9.7	-2.4	12.0	0.8	2.1	-0.5	-17.6	6.9	0.6	-5.1	2.4	-0.5	
Percentage change, latest quarter on corresponding quarter of previous year														
	KG7S	KH9M	L64V	L64Y	L656	L653	KG7T	KH9P	KH9Q	KH9K	KH9R	KH9S	KG7T	
2019 Q1	-1.6	6.3	-10.9	5.3	4.5	25.2	2.3	11.9	0.9	3.6	0.8	2.2	2.3	
Q2	0.2	2.1	-2.8	-1.0	0.9	9.0	1.1	41.5	-4.8	0.7	-1.1	1.7	1.1	
Q3	3.0	3.8	1.5	-5.1	-	-2.2	2.1	-6.4	-1.3	0.1	5.8	3.1	2.1	
Q4	3.0	3.7	5.6	-6.2	-4.6	-8.7	0.6	-24.8	-9.6	-4.1	13.6	1.9	0.6	
2020 Q1	1.2	-4.1	6.5	-3.9	-8.7	-11.7	-2.5	-23.6	-1.4	-8.0	-1.0	4.6	-2.5	
Q2	-21.9	7.3	-7.9	-27.9	-45.6	-13.3	-21.8	-75.7	-15.7	-43.6	-15.2	0.1	-21.8	
Q3	-12.8	1.9	3.2	-24.5	-2.1	-13.7	-8.2	-24.0	-10.1	-1.9	-13.4	-0.9	-8.2	
Q4	-7.4	9.3	4.7	-12.2	2.5	-5.6	-2.6	9.8	7.0	2.6	-13.5	1.4	-2.6	
2021 Q1	-16.9	32.0	14.8	-2.3	7.3	0.3	-3.2	-29.9	-4.4	7.8	-3.1	-7.8	-3.2	
Q2	9.7	11.2	21.0	31.7	83.6	13.5	21.4	59.5	29.5	78.1	8.9	-1.7	21.4	

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

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

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

4 Includes new dwellings and improvements to dwellings.

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

H1 Exports and imports of goods and services

Current market prices

£ million

	Exports			Imports			Balance		
	Goods	Services	Total	Goods	Services	Total	Goods	Services	Total ¹
	BOKG	IKBB	IKBH	BOKH	IKBC	IKBI	BOKI	IKBD	IKBJ
2018	351 132	310 469	661 601	487 975	199 113	687 088	-136 843	111 356	-25 487
2019	372 954	316 320	689 274	503 757	212 987	716 744	-130 803	103 333	-27 470
2020	310 886	267 102	577 988	425 842	159 703	585 545	-114 956	107 399	-7 557
Seasonally adjusted									
2019 Q1	89 834	74 434	164 268	139 036	49 924	188 960	-49 202	24 510	-24 692
Q2	88 029	79 105	167 134	124 158	52 445	176 603	-36 129	26 660	-9 469
Q3	94 017	81 257	175 274	124 415	56 224	180 639	-30 398	25 033	-5 365
Q4	101 074	81 524	182 598	116 148	54 394	170 542	-15 074	27 130	12 056
2020 Q1	82 479	74 144	156 623	111 114	47 927	159 041	-28 635	26 217	-2 418
Q2	73 823	63 432	137 255	87 710	37 514	125 224	-13 887	25 918	12 031
Q3	74 406	63 817	138 223	105 179	36 993	142 172	-30 773	26 824	-3 949
Q4	80 178	65 709	145 887	121 839	37 269	159 108	-41 661	28 440	-13 221
2021 Q1	74 285	64 361	138 646	103 132	36 184	139 316	-28 847	28 177	-670
Q2	83 208	63 200	146 408	115 963	34 891	150 854	-32 755	28 309	-4 446
Percentage change, latest year on previous year									
	KG9K	KH35	KH2O	KG9L	KH3W	KH3H			
2018	4.4	8.3	6.2	3.5	9.9	5.3			
2019	6.2	1.9	4.2	3.2	7.0	4.3			
2020	-16.6	-15.6	-16.1	-15.5	-25.0	-18.3			
Percentage change, latest quarter on previous quarter									
	KG9O	KH36	KH2P	KG9P	KH3X	KH3I			
2019 Q1	0.6	-7.7	-3.3	9.5	-5.4	5.1			
Q2	-2.0	6.3	1.7	-10.7	5.0	-6.5			
Q3	6.8	2.7	4.9	0.2	7.2	2.3			
Q4	7.5	0.3	4.2	-6.6	-3.3	-5.6			
2020 Q1	-18.4	-9.1	-14.2	-4.3	-11.9	-6.7			
Q2	-10.5	-14.4	-12.4	-21.1	-21.7	-21.3			
Q3	0.8	0.6	0.7	19.9	-1.4	13.5			
Q4	7.8	3.0	5.5	15.8	0.7	11.9			
2021 Q1	-7.3	-2.1	-5.0	-15.4	-2.9	-12.4			
Q2	12.0	-1.8	5.6	12.4	-3.6	8.3			
Percentage change, latest quarter on corresponding quarter of previous year									
	KG9S	KH37	KH2Q	KG9T	KH3Y	KH3J			
2019 Q1	5.5	-1.9	2.0	17.5	3.8	13.6			
Q2	1.9	3.9	2.8	3.7	7.4	4.8			
Q3	4.1	4.4	4.3	1.2	13.7	4.8			
Q4	13.1	1.1	7.5	-8.5	3.1	-5.1			
2020 Q1	-8.2	-0.4	-4.7	-20.1	-4.0	-15.8			
Q2	-16.1	-19.8	-17.9	-29.4	-28.5	-29.1			
Q3	-20.9	-21.5	-21.1	-15.5	-34.2	-21.3			
Q4	-20.7	-19.4	-20.1	4.9	-31.5	-6.7			
2021 Q1	-9.9	-13.2	-11.5	-7.2	-24.5	-12.4			
Q2	12.7	-0.4	6.7	32.2	-7.0	20.5			

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

H2 Exports and imports of goods and services

Chained volume measures

Reference year 2018, £ million

	Exports			Imports			Balance
	Goods	Services	Total	Goods	Services	Total	Total ¹
	BQKQ	IKBE	IKBK	BQKO	IKBF	IKBL	IKBM
2018	351 132	310 469	661 601	487 975	199 113	687 088	-25 487
2019	367 348	311 838	679 186	498 464	207 408	705 872	-26 686
2020	316 817	255 013	571 830	424 552	155 582	580 134	-8 304
Seasonally adjusted							
2019 Q1	89 687	75 088	164 775	139 910	49 340	189 250	-24 475
Q2	85 284	78 228	163 512	121 315	50 983	172 298	-8 786
Q3	91 876	80 282	172 158	121 158	53 736	174 894	-2 736
Q4	100 501	78 240	178 741	116 081	53 349	169 430	9 311
2020 Q1	81 640	71 104	152 744	109 884	47 060	156 944	-4 200
Q2	77 484	59 866	137 350	87 651	36 148	123 799	13 551
Q3	75 466	61 230	136 696	105 953	35 956	141 909	-5 213
Q4	82 227	62 813	145 040	121 064	36 418	157 482	-12 442
2021 Q1	73 807	62 431	136 238	101 265	34 971	136 236	2
Q2	80 877	59 471	140 348	111 400	33 656	145 056	-4 708
Percentage change, latest year on previous year							
	KG9X	KH3B	KH2U	KG9W	KH44	KH3N	
2018	0.4	6.1	3.0	0.3	9.1	2.7	
2019	4.6	0.4	2.7	2.1	4.2	2.7	
2020	-13.8	-18.2	-15.8	-14.8	-25.0	-17.8	
Percentage change, latest quarter on previous quarter							
	KGA2	KH3C	KH2V	KG9Z	KH45	KH3O	
2019 Q1	2.7	-5.5	-1.2	12.0	-6.7	6.5	
Q2	-4.9	4.2	-0.8	-13.3	3.3	-9.0	
Q3	7.7	2.6	5.3	-0.1	5.4	1.5	
Q4	9.4	-2.5	3.8	-4.2	-0.7	-3.1	
2020 Q1	-18.8	-9.1	-14.5	-5.3	-11.8	-7.4	
Q2	-5.1	-15.8	-10.1	-20.2	-23.2	-21.1	
Q3	-2.6	2.3	-0.5	20.9	-0.5	14.6	
Q4	9.0	2.6	6.1	14.3	1.3	11.0	
2021 Q1	-10.2	-0.6	-6.1	-16.4	-4.0	-13.5	
Q2	9.6	-4.7	3.0	10.0	-3.8	6.5	
Percentage change, latest quarter on corresponding quarter of previous year							
	KGA5	KH3D	KH2W	KGA4	KH46	KH3P	
2019 Q1	1.9	-2.7	-0.3	15.4	2.8	11.9	
Q2	-1.6	3.0	0.5	0.9	4.3	1.9	
Q3	3.2	3.1	3.1	-0.4	8.8	2.3	
Q4	15.1	-1.5	7.2	-7.0	0.9	-4.7	
2020 Q1	-9.0	-5.3	-7.3	-21.5	-4.6	-17.1	
Q2	-9.1	-23.5	-16.0	-27.7	-29.1	-28.1	
Q3	-17.9	-23.7	-20.6	-12.5	-33.1	-18.9	
Q4	-18.2	-19.7	-18.9	4.3	-31.7	-7.1	
2021 Q1	-9.6	-12.2	-10.8	-7.8	-25.7	-13.2	
Q2	4.4	-0.7	2.2	27.1	-6.9	17.2	

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

Gross value added at basic prices: individual measures

	£ million				Index numbers (2018 = 100) ³				
	Expenditure-based estimate at chained volume measures	At current prices			Value indices at current prices		Chained volume indices		
		Expenditure-based estimate	Income-based estimate	Residual error ¹	Expenditure-based estimate	Income-based estimate	Expenditure-based estimate	Income-based estimate ²	Output-based estimate
	CAGR	CAGQ	CAGS	DJDS	IHYA	IHYB	IHYC	IHYD	YBFR
2018	1 910 247	1 910 247	1 910 247	—	100.0	100.0	100.0	100.0	100.0
2019	1 944 477	1 984 854	1 980 433	4 421	103.9	103.7	101.8	101.6	101.4
2020	1 752 770	1 911 958	1 888 501	23 457	100.1	98.9	91.8	90.6	92.1
Seasonally adjusted									
2019 Q1	483 408	490 417	490 370	47	102.7	102.7	101.2	101.2	101.2
Q2	485 239	492 672	491 217	1 455	103.2	102.9	101.6	101.3	101.2
Q3	487 428	499 311	498 739	572	104.6	104.4	102.1	101.9	101.6
Q4	488 402	502 454	500 107	2 347	105.2	104.7	102.3	101.8	101.6
2020 Q1	473 644	497 070	495 091	1 979	104.1	103.7	99.2	98.8	99.0
Q2	381 367	432 213	425 646	6 567	90.5	89.1	79.9	78.6	80.4
Q3	446 067	490 054	482 632	7 422	102.6	101.1	93.4	92.0	94.0
Q4	451 692	492 621	485 132	7 489	103.2	101.6	94.6	93.1	95.2
2021 Q1	444 509	492 027	484 554	7 473	103.0	101.5	93.1	91.7	93.7
Q2	465 904	507 089	499 321	7 768	106.2	104.6	97.6	96.1	98.2
Percentage change, latest year on previous year									
	KH4D	KH47	KH68		KH47	KH68	KH4D	KH6E	GDPQ
2018	1.3	3.6	3.6		3.6	3.6	1.3	1.3	1.3
2019	1.8	3.9	3.7		3.9	3.7	1.8	1.6	1.4
2020	-9.9	-3.7	-4.6		-3.7	-4.6	-9.9	-10.8	-9.2
Percentage change, latest quarter on previous quarter									
	KH4F	KH49	KH6A		KH49	KH6A	KH4F	KH6G	
2019 Q1	0.6	1.5	1.5		1.5	1.5	0.6	0.6	0.6
Q2	0.4	0.5	0.2		0.5	0.2	0.4	0.1	—
Q3	0.5	1.3	1.5		1.3	1.5	0.5	0.6	0.4
Q4	0.2	0.6	0.3		0.6	0.3	0.2	-0.2	—
2020 Q1	-3.0	-1.1	-1.0		-1.1	-1.0	-3.0	-3.0	-2.6
Q2	-19.5	-13.0	-14.0		-13.0	-14.0	-19.5	-20.4	-18.8
Q3	17.0	13.4	13.4		13.4	13.4	17.0	17.0	16.9
Q4	1.3	0.5	0.5		0.5	0.5	1.3	1.2	1.3
2021 Q1	-1.6	-0.1	-0.1		-0.1	-0.1	-1.6	-1.6	-1.6
Q2	4.8	3.1	3.0		3.1	3.0	4.8	4.8	4.8
Percentage change, latest quarter on corresponding quarter of previous year									
	KH4H	KH4B	KH6C		KH4B	KH6C	KH4H	KH6I	GDPR
2019 Q1	1.9	3.9	3.9		3.9	3.9	1.9	1.9	1.9
Q2	1.9	3.9	3.6		3.9	3.6	1.9	1.6	1.5
Q3	1.7	3.8	3.7		3.8	3.7	1.7	1.6	1.3
Q4	1.6	4.0	3.5		4.0	3.5	1.6	1.1	1.0
2020 Q1	-2.0	1.4	1.0		1.4	1.0	-2.0	-2.4	-2.2
Q2	-21.4	-12.3	-13.3		-12.3	-13.3	-21.4	-22.4	-20.6
Q3	-8.5	-1.9	-3.2		-1.9	-3.2	-8.5	-9.8	-7.5
Q4	-7.5	-2.0	-3.0		-2.0	-3.0	-7.5	-8.5	-6.3
2021 Q1	-6.2	-1.0	-2.1		-1.0	-2.1	-6.2	-7.2	-5.3
Q2	22.2	17.3	17.3		17.3	17.3	22.2	22.2	22.2

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

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

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

M Alignment adjustments ¹

£ million

	Changes in inventories		Gross operating surplus of non-financial corporations at current prices
	At current prices	Chained volume measures (Reference year 2018)	
Seasonally adjusted			
	DMUN	DMUM	DMUQ
2019 Q1	969	949	554
Q2	2 106	2 059	-374
Q3	2 093	2 035	845
Q4	-3 777	-3 684	-460
2020 Q1	1 048	975	-1 032
Q2	-3 028	-2 735	-397
Q3	1 557	1 400	2 895
Q4	423	360	-1 466
2021 Q1	-2 966	-2 715	666
Q2	-2 356	-2 182	1 880

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

N Selected financial year variables ^{1,2}

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

	Current prices					Chained Volume Measures (reference year 2018)				
	Gross domestic product at market prices	Gross domestic product at market prices non seasonally adjusted	Gross value added at basic prices	General government final consumption expenditure	General government gross fixed capital formation	Gross domestic product at market prices	Gross value added at basic prices	General government final consumption expenditure	General government gross fixed capital formation	Implied GDP deflator at market prices ^{3,4}
	YBHA	BKTL	ABML	NMRP	RPZG	ABMI	ABMM	NMRY	DLWF	L8GG
2018/19	2 162 725	2 163 750	1 928 753	404 290	58 667	2 150 883	1 919 259	401 533	58 008	91.9949
2019/20	2 221 139	2 223 595	1 986 609	426 885	61 974	2 160 539	1 929 948	413 951	58 765	94.0679
2020/21	2 103 144	2 098 761	1 901 346	504 787	70 458	1 926 105	1 718 535	391 397	66 099	100.0000
Seasonally adjusted										
2019 Q1	548 802	550 646	490 389	104 226	15 650	541 195	483 380	102 261	15 129	92.7797
Q2	551 964	545 539	491 541	104 104	15 114	541 944	484 129	104 646	15 434	93.1853
Q3	558 286	552 691	498 426	106 864	15 654	544 639	486 565	103 741	15 085	93.7862
Q4	559 387	568 911	500 612	107 930	15 574	544 733	486 608	103 740	14 696	93.9550
2020 Q1	551 502	556 454	496 030	107 987	15 632	529 223	472 646	101 824	14 502	95.3453
Q2	477 249	474 848	430 947	123 045	16 432	426 197	380 236	84 249	15 534	102.4532
Q3	539 525	530 613	488 622	123 275	16 317	498 429	444 744	97 527	15 369	99.0374
Q4	543 763	550 124	491 178	127 471	17 016	504 742	450 353	104 020	16 058	98.5669
2021 Q1	542 607	543 176	490 599	130 996	20 693	496 737	443 202	105 601	19 138	99.9424
Q2	562 248	551 789	505 601	129 611	17 023	520 661	464 526	111 997	17 277	98.8016
Percentage change, latest financial year on previous financial year										
2018/19	3.8	3.9	3.7	3.9	4.7	1.4	1.5	1.3	1.8	2.3
2019/20	2.7	2.8	3.0	5.6	5.6	0.4	0.6	3.1	1.3	2.3
2020/21	-5.3	-5.6	-4.3	18.2	13.7	-10.9	-11.0	-5.4	12.5	6.3
Percentage change, latest quarter on previous quarter										
	IHYN	A8L9	KGL8	KH2D	KH7P	IHYQ	KGM9	KH2J	KH9C	L8GH
2019 Q1	1.3	0.4	1.5	3.0	9.0	0.6	0.6	1.4	6.8	0.8
Q2	0.6	-0.9	0.2	-0.1	-3.4	0.1	0.2	2.3	-4.3	0.4
Q3	1.1	1.3	1.4	2.7	3.6	0.5	0.5	-0.9	4.2	0.6
Q4	0.2	2.9	0.4	1.0	-0.5	-	-	-	-2.6	0.2
2020 Q1	-1.4	-2.2	-0.9	0.1	0.4	-2.8	-2.9	-1.8	-1.3	1.5
Q2	-13.5	-14.7	-13.1	13.9	5.1	-19.5	-19.6	-17.3	7.1	7.5
Q3	13.0	11.7	13.4	0.2	-0.7	16.9	17.0	15.8	-1.1	-3.3
Q4	0.8	3.7	0.5	3.4	4.3	1.3	1.3	6.7	4.5	-0.5
2021 Q1	-0.2	-1.3	-0.1	2.8	21.6	-1.6	-1.6	1.5	19.2	1.4
Q2	3.6	1.6	3.1	-1.1	-17.7	4.8	4.8	6.1	-9.7	-1.1
Percentage change, latest quarter on corresponding quarter of previous year										
	IHYO	A8LA	KGM2	KH2E	KH7R	IHYR	KGN3	KH2K	KH9M	L8GI
2019 Q1	4.0	4.2	3.9	6.0	11.0	1.7	1.9	3.1	6.3	2.2
Q2	3.6	2.9	3.7	5.4	6.8	1.5	1.7	5.8	2.1	2.1
Q3	3.5	3.3	3.6	6.8	7.9	1.4	1.5	4.3	3.8	2.1
Q4	3.3	3.8	3.6	6.6	8.5	1.2	1.2	2.8	3.7	2.0
2020 Q1	0.5	1.1	1.2	3.6	-0.1	-2.2	-2.2	-0.4	-4.1	2.8
Q2	-13.5	-13.0	-12.3	18.2	8.7	-21.4	-21.5	-19.5	7.3	9.9
Q3	-3.4	-4.0	-2.0	15.4	4.2	-8.5	-8.6	-6.0	1.9	5.6
Q4	-2.8	-3.3	-1.9	18.1	9.3	-7.3	-7.5	0.3	9.3	4.9
2021 Q1	-1.6	-2.4	-1.1	21.3	32.4	-6.1	-6.2	3.7	32.0	4.8
Q2	17.8	16.2	17.3	5.3	3.6	22.2	22.2	32.9	11.2	-3.6

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

2 All data are seasonally adjusted unless otherwise specified.

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

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

O Selected implied deflators¹

2020 = 100

	Implied deflators ²		
	Gross national expenditure	Gross domestic product at market prices ³	Gross value added at basic prices
	MNE2	MNF2	MNX5
2018	92.5499	92.5551	91.4860
2019	94.5251	94.5127	93.3857
2020	100.0000	100.0000	100.0000
Seasonally adjusted			
2019 Q1	93.8327	93.8584	92.8147
Q2	94.3512	94.2687	92.8888
Q3	95.3040	94.8766	93.7183
Q4	94.6126	95.0473	94.1210
2020 Q1	96.1096	96.4538	96.0145
Q2	104.3420	103.6444	103.6896
Q3	99.8732	100.1889	100.5143
Q4	99.6752	99.7129	99.7816
2021 Q1	101.2241	101.1044	101.2721
Q2	99.8330	99.9503	99.5778
Percentage change, latest year on previous year			
	MNE3	MNF3	MNX6
2018	2.1	2.2	2.2
2019	2.1	2.1	2.1
2020	5.8	5.8	7.1
Percentage change, latest quarter on previous quarter			
	MNE4	MNF4	MNX7
2019 Q1	1.0	0.8	0.9
Q2	0.6	0.4	0.1
Q3	1.0	0.6	0.9
Q4	-0.7	0.2	0.4
2020 Q1	1.6	1.5	2.0
Q2	8.6	7.5	8.0
Q3	-4.3	-3.3	-3.1
Q4	-0.2	-0.5	-0.7
2021 Q1	1.6	1.4	1.5
Q2	-1.4	-1.1	-1.7
Percentage change, latest quarter on corresponding quarter of previous year			
	MNE5	MNF5	MNX8
2019 Q1	1.9	2.2	2.0
Q2	2.3	2.1	1.9
Q3	2.6	2.1	2.0
Q4	1.8	2.0	2.4
2020 Q1	2.4	2.8	3.4
Q2	10.6	9.9	11.6
Q3	4.8	5.6	7.3
Q4	5.4	4.9	6.0
2021 Q1	5.3	4.8	5.5
Q2	-4.3	-3.6	-4.0

1 Implied deflator is expressed in terms of 2020 = 100, whereas in table A1 it is expressed as 2018 = 100.

2 Data are only considered accurate to 1 decimal place.

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

P GDP Per Head¹

£

	UK resident population mid-year estimates (persons thousands) ²	Current Prices		Chained volume measures (Reference year 2018)	
		Gross domestic product at market prices ³	Gross domestic product per head	Gross domestic product at market prices ³	Gross domestic product per head
	EBAQ	YBHA	IHXT	ABMI	IHXW
2018	66 436	2 141 792	32 238	2 141 792	32 238
2019	66 797	2 218 439	33 212	2 172 511	32 524
2020	67 081	2 112 039	31 485	1 958 591	29 197
Seasonally adjusted					
2019 Q1	66 707	548 802	8 227	541 195	8 113
Q2	66 797	551 964	8 263	541 944	8 113
Q3	66 868	558 286	8 345	544 639	8 141
Q4	66 939	559 387	8 350	544 733	8 131
2020 Q1	67 010	551 502	8 230	529 223	7 898
Q2	67 081	477 249	7 115	426 197	6 353
Q3	67 193	539 525	8 029	498 429	7 418
Q4	67 306	543 763	8 079	504 742	7 499
2021 Q1	67 418	542 607	8 048	496 737	7 368
Q2	67 531	562 248	8 326	520 661	7 710
Percentage change, latest year on previous year					
		IHYM	N3Y3	IHYP	N3Y6
2018		3.5	2.9	1.3	0.6
2019		3.6	3.0	1.4	0.9
2020		-4.8	-5.2	-9.8	-10.2
Percentage change, latest quarter on previous quarter					
		IHYN	N3Y4	IHYQ	N3Y7
2019 Q1		1.3	1.2	0.6	0.4
Q2		0.6	0.4	0.1	-
Q3		1.1	1.0	0.5	0.3
Q4		0.2	0.1	-	-0.1
2020 Q1		-1.4	-1.4	-2.8	-2.9
Q2		-13.5	-13.5	-19.5	-19.6
Q3		13.0	12.8	16.9	16.8
Q4		0.8	0.6	1.3	1.1
2021 Q1		-0.2	-0.4	-1.6	-1.7
Q2		3.6	3.5	4.8	4.6
Percentage change, latest quarter on corresponding quarter of previous year					
		IHYO	N3Y5	IHYR	N3Y8
2019 Q1		4.0	3.4	1.7	1.1
Q2		3.6	3.0	1.5	0.9
Q3		3.5	2.9	1.4	0.8
Q4		3.3	2.7	1.2	0.6
2020 Q1		0.5	-	-2.2	-2.7
Q2		-13.5	-13.9	-21.4	-21.7
Q3		-3.4	-3.8	-8.5	-8.9
Q4		-2.8	-3.2	-7.3	-7.8
2021 Q1		-1.6	-2.2	-6.1	-6.7
Q2		17.8	17.0	22.2	21.4

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

2 This data uses the UK resident population mid-year estimates published 25 June 2021

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

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 ³	Total Services	Distri- bution, hotels & restaurants	Transport storage and commu- nications	Business services and finance	Govern- ment and other services
Percentage change, latest year on previous year												
Growth												
2018	L3BB -3.3	L3BG 0.9	L3BH 5.3	L3BN 1.1	L3DM -1.2	L3DQ -1.4	L3DW -	L3E2 1.6	L3GP 2.8	KI8L 3.4	KI8N 1.1	KI8P 0.6
2019	6.3	-1.2	-0.9	-1.8	1.1	0.4	1.8	1.8	2.5	5.2	0.6	1.7
2020	-9.3	-8.0	-7.6	-9.5	-4.0	-1.3	-14.0	-9.0	-14.5	-9.2	-5.3	-11.0
Contributions to growth												
	ZZ3V	ZZ3W	ZZ3Y	ZZ3X	ZZ3Z	ZZ42	ZZ43	ZZ44	ZZ45	ZZ46	ZZ47	ZZ48
2018	-0.02	0.13	0.05	0.12	-0.02	-0.02	-	1.23	0.37	0.36	0.37	0.14
2019	0.04	-0.17	-0.01	-0.18	0.02	0.01	0.12	1.43	0.33	0.55	0.19	0.36
2020	-0.06	-1.07	-0.08	-0.92	-0.06	-0.02	-0.91	-7.07	-1.93	-1.02	-1.71	-2.42
Percentage change, latest quarter on previous quarter												
Growth												
2019 Q1	L3BB 1.8	L3BG 1.2	L3BH -0.3	L3BN 1.6	L3DM 0.7	L3DQ -	L3DW 1.6	L3E2 0.4	L3GP 0.8	KI8L 1.8	KI8N -0.3	KI8P 0.4
Q2	1.8	-1.5	-1.9	-2.5	3.6	1.9	-0.1	0.2	0.3	0.7	-0.1	0.5
Q3	2.4	-0.7	2.4	-0.7	-2.7	-0.5	0.2	0.6	0.1	0.8	0.8	0.5
Q4	1.2	-0.3	-1.9	-0.5	3.4	-1.1	-1.8	0.2	-0.1	-0.2	-	0.8
2020 Q1	-4.2	-2.0	-4.0	-1.8	-4.5	1.0	-2.3	-2.7	-4.9	-3.1	-0.8	-4.1
Q2	-13.6	-16.5	-2.4	-20.9	-6.8	-5.5	-33.7	-18.0	-33.4	-15.8	-9.9	-22.3
Q3	5.5	16.0	-0.6	21.3	8.3	4.9	41.3	15.6	50.2	10.8	4.8	19.7
Q4	0.8	2.0	-3.8	3.3	-0.8	0.6	2.7	1.0	-7.1	2.6	2.0	4.1
2021 Q1	-3.3	-0.5	-3.2	-1.0	2.5	2.1	2.3	-2.1	-7.4	-0.4	0.7	-4.1
Q2	2.2	0.5	-16.6	1.8	2.5	1.3	3.3	5.7	21.1	1.8	0.4	7.7
Contributions to growth												
	ZZ2F	ZZ2G	ZZ2I	ZZ2H	ZZ2J	ZZ2K	ZZ2L	ZZ2M	ZZ2N	ZZ2O	ZZ2P	ZZ2Q
2019 Q1	0.01	0.16	-	0.15	0.01	-	0.11	0.29	0.11	0.19	-0.09	0.08
Q2	0.01	-0.20	-0.02	-0.25	0.05	0.02	-	0.19	0.04	0.07	-0.03	0.10
Q3	0.02	-0.09	0.03	-0.07	-0.04	-0.01	0.02	0.48	0.02	0.08	0.26	0.12
Q4	0.01	-0.04	-0.02	-0.05	0.05	-0.01	-0.12	0.13	-0.01	-0.02	-0.01	0.18
2020 Q1	-0.03	-0.27	-0.04	-0.18	-0.07	0.01	-0.15	-2.17	-0.66	-0.34	-0.27	-0.91
Q2	-0.09	-2.19	-0.02	-2.01	-0.10	-0.07	-2.18	-14.27	-4.35	-1.74	-3.30	-4.88
Q3	0.04	2.20	-0.01	2.01	0.14	0.07	2.20	12.63	5.41	1.24	1.79	4.18
Q4	0.01	0.28	-0.04	0.32	-0.01	0.01	0.17	0.82	-0.98	0.28	0.66	0.88
2021 Q1	-0.02	-0.06	-0.02	-0.09	0.03	0.03	0.14	-1.65	-0.87	-0.04	0.21	-1.00
Q2	0.01	0.06	-0.11	0.17	0.04	0.02	0.21	4.52	2.36	0.19	0.14	1.86
Percentage change, latest quarter on corresponding quarter of previous year												
Growth												
2019 Q1	L3ZZ 3.7	L426 -0.1	L427 3.9	L42D 0.3	L44C -4.6	L44G -0.4	L44M 3.6	L44Q 2.1	L47F 4.3	KII2 6.7	KIH9 0.5	KIH8 1.0
Q2	6.2	-1.3	-2.3	-2.2	4.3	1.3	2.2	1.9	2.7	6.1	0.5	1.6
Q3	8.0	-2.2	-3.2	-2.8	0.2	0.3	1.5	1.8	1.7	5.2	0.9	1.8
Q4	7.3	-1.2	-1.7	-2.3	4.9	0.3	-	1.4	1.2	3.0	0.4	2.2
2020 Q1	1.0	-4.4	-5.4	-5.6	-0.5	1.3	-3.8	-1.7	-4.6	-1.9	-0.1	-2.3
Q2	-14.3	-19.0	-5.9	-23.4	-10.5	-6.1	-36.2	-19.6	-36.7	-18.0	-10.0	-24.4
Q3	-11.7	-5.4	-8.6	-6.3	-0.4	-1.0	-10.0	-7.6	-5.0	-9.8	-6.4	-10.0
Q4	-11.9	-3.2	-10.4	-2.7	-4.4	0.8	-5.9	-6.8	-11.7	-7.2	-4.5	-7.1
2021 Q1	-11.2	-1.7	-9.7	-1.9	2.6	1.9	-1.5	-6.2	-13.9	-4.6	-3.1	-7.1
Q2	5.1	18.3	-22.8	26.3	12.9	9.2	53.3	21.0	56.5	15.3	8.0	28.7
Contributions to growth												
	ZZ36	ZZ37	ZZ39	ZZ38	ZZ3A	ZZ3B	ZZ3C	ZZ3D	ZZ3E	ZZ3F	ZZ3G	ZZ3H
2019 Q1	0.02	-0.01	0.04	0.03	-0.07	-0.01	0.23	1.65	0.57	0.70	0.16	0.22
Q2	0.04	-0.17	-0.03	-0.23	0.06	0.02	0.14	1.53	0.37	0.64	0.17	0.35
Q3	0.05	-0.31	-0.04	-0.28	-	-	0.10	1.45	0.22	0.55	0.29	0.39
Q4	0.05	-0.17	-0.02	-0.23	0.07	-	-	1.10	0.16	0.32	0.13	0.48
2020 Q1	0.01	-0.60	-0.06	-0.55	-0.01	0.02	-0.25	-1.38	-0.62	-0.21	-0.05	-0.51
Q2	-0.09	-2.54	-0.06	-2.26	-0.15	-0.08	-2.37	-15.49	-4.90	-1.98	-3.25	-5.38
Q3	-0.08	-0.72	-0.09	-0.61	-0.01	-0.01	-0.66	-6.02	-0.67	-1.08	-2.09	-2.20
Q4	-0.08	-0.42	-0.11	-0.26	-0.06	0.01	-0.38	-5.41	-1.56	-0.80	-1.47	-1.58
2021 Q1	-0.07	-0.20	-0.07	-0.17	0.03	0.02	-0.09	-4.88	-1.70	-0.48	-0.99	-1.72
Q2	0.03	2.32	-0.19	2.33	0.20	0.13	2.69	16.82	5.70	1.68	2.86	6.73

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

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

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

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

Chained Volume Measures

Seasonally adjusted data

Reference year 2018

Final consumption expenditure									
	Households	Non-profit institutions ³	General government	Gross capital formation	Gross fixed capital formation	Business investment	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	-10.6	-19.1	-6.5	-13.3	-8.8	-10.2	-15.8	-17.8	
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	-6.54	-0.45	-1.23	-2.43	-1.58	-1.03	-4.91	-5.76	0.84
Percentage change, latest quarter on previous quarter									
Growth									
	KGZ6	KH27	KH2J	ZZ5H	KG7Q	KG7P	KH2V	KH3O	
2019 Q1	-	0.2	1.4	15.4	2.1	1.3	-1.2	6.5	
Q2	0.6	-1.4	2.3	-15.7	-1.1	0.5	-0.8	-9.0	
Q3	0.1	1.8	-0.9	-3.4	1.3	1.4	5.3	1.5	
Q4	-0.3	1.3	-	-10.9	-1.6	-0.2	3.8	-3.1	
2020 Q1	-2.6	-5.3	-1.8	10.4	-1.2	-0.4	-14.5	-7.4	
Q2	-20.8	-24.1	-17.3	-34.7	-20.7	-22.5	-10.1	-21.1	
Q3	19.7	6.2	15.8	43.5	19.0	13.2	-0.5	14.6	
Q4	-1.7	-0.9	6.7	14.3	4.4	5.9	6.1	11.0	
2021 Q1	-4.6	1.5	1.5	-8.3	-1.7	-10.7	-6.1	-13.5	
Q2	7.3	6.5	6.1	0.4	-0.5	2.4	3.0	6.5	
Contributions to growth									
	ZZ5M	ZZ5N	ZZ5O	ZZ5P	ZZ5Q	ZZ5R	ZZ5S	ZZ5T	ZZ5U
2019 Q1	-0.02	0.01	0.26	2.84	0.37	0.13	-0.37	2.13	-2.50
Q2	0.35	-0.03	0.44	-3.32	-0.19	0.05	-0.23	-3.13	2.90
Q3	0.08	0.04	-0.17	-0.61	0.23	0.14	1.60	0.48	1.12
Q4	-0.20	0.03	-	-1.86	-0.29	-0.02	1.21	-1.00	2.21
2020 Q1	-1.61	-0.13	-0.35	1.63	-0.21	-0.04	-4.74	-2.28	-2.46
Q2	-12.80	-0.56	-3.32	-6.18	-3.74	-2.33	-2.89	-6.23	3.34
Q3	11.94	0.14	3.12	6.28	3.39	1.32	-0.15	4.23	-4.38
Q4	-1.03	-0.02	1.30	2.54	0.80	0.57	1.66	3.11	-1.44
2021 Q1	-2.64	0.03	0.36	-1.59	-0.32	-1.04	-1.63	-3.94	2.31
Q2	4.06	0.16	1.48	0.07	-0.10	0.22	0.78	1.66	-0.89
Percentage change, latest quarter on corresponding quarter of previous year									
Growth									
	KGZ7	KH28	KH2K	ZZ5Y	KG7T	KG7S	KH2W	KH3P	
2019 Q1	1.2	1.9	3.1	24.0	2.3	-1.6	-0.3	11.9	
Q2	1.6	0.6	5.8	0.2	1.1	0.2	0.5	1.9	
Q3	1.2	1.5	4.3	-1.8	2.1	3.0	3.1	2.3	
Q4	0.3	1.9	2.8	-16.2	0.6	3.0	7.2	-4.7	
2020 Q1	-2.3	-3.7	-0.4	-19.9	-2.5	1.2	-7.3	-17.1	
Q2	-23.0	-25.9	-19.5	-37.9	-21.8	-21.9	-16.0	-28.1	
Q3	-7.9	-22.6	-6.0	-7.8	-8.2	-12.8	-20.6	-18.9	
Q4	-9.2	-24.3	0.3	18.3	-2.6	-7.4	-18.9	-7.1	
2021 Q1	-11.0	-18.9	3.7	-1.8	-3.2	-16.9	-10.8	-13.2	
Q2	20.5	13.8	32.9	51.0	21.4	9.7	2.2	17.2	
Contributions to growth									
	ZZ65	ZZ66	ZZ67	ZZ68	ZZ69	ZZ6A	ZZ6B	ZZ6C	ZZ6D
2019 Q1	0.77	0.05	0.58	4.17	0.41	-0.16	-0.09	3.77	-3.87
Q2	0.98	0.01	1.07	0.04	0.20	0.02	0.16	0.59	-0.43
Q3	0.75	0.04	0.80	-0.32	0.37	0.29	0.97	0.72	0.25
Q4	0.21	0.05	0.53	-3.00	0.11	0.30	2.23	-1.55	3.78
2020 Q1	-1.39	-0.09	-0.08	-4.32	-0.46	0.12	-2.21	-5.94	3.73
Q2	-14.24	-0.60	-3.76	-6.94	-3.92	-2.21	-4.80	-8.90	4.10
Q3	-4.90	-0.53	-1.14	-1.37	-1.48	-1.30	-6.47	-6.02	-0.45
Q4	-5.65	-0.58	0.05	2.86	-0.46	-0.75	-6.15	-2.18	-3.97
2021 Q1	-6.48	-0.52	0.82	-0.30	-0.55	-1.70	-2.92	-3.66	0.74
Q2	11.85	0.36	7.50	7.10	3.68	0.94	0.66	4.67	-4.01

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

2 This table does not include contribution from the statistical discrepancy

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

3 Non-profit institutions serving households

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

Current Prices

Seasonally adjusted data

	Compen- sation of employees	Gross operating surplus of corporations ³	Other income ⁴	Taxes on products & production less subsidies
Percentage change, latest year on previous year				
Growth				
	KGI3	KH4V	KH6T	KH65
2018	4.1	2.3	3.9	2.9
2019	4.8	1.6	3.2	2.4
2020	2.6	-2.6	-2.2	-49.8
Contributions to growth				
	ZZ7H	ZZ7I	ZZ7J	ZZ7K
2018	1.98	0.48	0.69	0.35
2019	2.36	0.34	0.58	0.29
2020	1.28	-0.54	-0.39	-5.95
Percentage change, latest quarter on previous quarter				
Growth				
	KGI4	KH4W	KH6U	KH66
2019 Q1	0.2	5.7	1.2	-1.2
Q2	2.2	-5.2	-0.4	5.5
Q3	1.0	5.3	-0.4	-1.9
Q4	0.9	-1.5	0.8	-2.0
2020 Q1	0.7	-2.0	-1.3	-10.1
Q2	-3.0	-7.9	-3.0	-99.1
Q3	3.6	13.8	2.8	6 389.9
Q4	2.5	-4.0	-1.3	8.5
2021 Q1	-0.6	2.6	1.4	-9.7
Q2	1.7	2.5	-0.1	34.1
Contributions to growth				
	ZZ6Z	ZZ72	ZZ73	ZZ74
2019 Q1	0.07	1.15	0.21	-0.15
Q2	1.10	-1.16	-0.07	0.67
Q3	0.49	1.02	-0.08	-0.23
Q4	0.47	-0.32	0.14	-0.24
2020 Q1	0.34	-0.41	-0.23	-1.18
Q2	-1.54	-1.64	-0.52	-10.60
Q3	2.05	3.01	0.56	7.24
Q4	1.36	-0.90	-0.23	0.57
2021 Q1	-0.29	0.51	0.23	-0.64
Q2	0.90	0.53	-0.03	2.15
Percentage change, latest quarter on corresponding quarter of previous year				
Growth				
	KGI5	KH4X	KH6V	KH67
2019 Q1	4.2	2.0	6.2	3.1
Q2	5.7	-1.6	3.7	3.5
Q3	4.9	2.2	2.0	2.8
Q4	4.4	3.9	1.1	0.2
2020 Q1	4.9	-3.7	-1.4	-8.8
Q2	-0.4	-6.5	-3.9	-99.2
Q3	2.1	1.1	-0.7	-47.2
Q4	3.7	-1.5	-2.7	-41.6
2021 Q1	2.4	3.2	-0.1	-41.3
Q2	7.4	14.8	2.8	8 420.8
Contributions to growth				
	ZZ79	ZZ7A	ZZ7B	ZZ7C
2019 Q1	2.09	0.44	1.09	0.37
Q2	2.80	-0.35	0.66	0.43
Q3	2.39	0.47	0.36	0.33
Q4	2.17	0.80	0.21	0.02
2020 Q1	2.44	-0.81	-0.25	-1.05
Q2	-0.20	-1.31	-0.69	-12.20
Q3	1.06	0.24	-0.13	-5.71
Q4	1.87	-0.30	-0.48	-4.88
2021 Q1	1.23	0.64	-0.02	-4.37
Q2	4.23	3.24	0.55	9.58

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

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

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

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

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

Seasonally adjusted data

Reference year 2018

	Final consumption expenditure				Gross capital formation	Gross fixed capital formation	Total exports	less Total imports
	House-holds	Non-prof- it instit- utions ²	General govern- ment					
Percentage change, latest year on previous year								
	ZZ93	ZZ94	ZZ95	ZZ96		ZZ97	ZZ98	ZZ99
2018	2.4	1.4	2.2	0.8		2.0	3.1	2.5
2019	1.3	2.3	2.1	4.8		3.2	1.5	1.5
2020	0.7	25.4	21.7	1.7		1.8	-0.4	-0.6
Percentage change, latest quarter on previous quarter								
	ZZ8N	ZZ8O	ZZ8P	ZZ8Q		ZZ8R	ZZ8S	ZZ8T
2019 Q1	0.5	-0.2	1.6	1.8		1.1	-2.2	-1.3
Q2	0.2	3.2	-2.4	4.7		1.5	2.5	2.7
Q3	0.6	-0.3	3.5	-		-0.4	-0.4	0.8
Q4	-	-0.1	1.0	-5.3		1.0	0.3	-2.5
2020 Q1	0.7	6.1	1.9	3.8		0.4	0.4	0.7
Q2	-1.0	29.6	37.7	4.6		0.3	-2.5	-0.2
Q3	1.1	-5.6	-13.5	-6.3		0.3	1.2	-1.0
Q4	-0.7	0.7	-3.1	3.9		0.6	-0.5	0.8
2021 Q1	1.5	-0.5	1.2	1.3		0.1	1.2	1.2
Q2	1.1	-4.8	-6.7	-1.2		-1.5	2.5	1.7
Percentage change, latest quarter on corresponding quarter of previous year								
	ZZ8U	ZZ8V	ZZ8W	ZZ8X		ZZ8Y	ZZ8Z	ZZ92
2019 Q1	1.4	1.0	2.7	2.8		2.8	2.3	1.5
Q2	1.1	3.1	-0.4	9.2		3.9	2.3	2.9
Q3	1.5	2.6	2.4	6.6		2.9	1.1	2.4
Q4	1.4	2.5	3.7	0.9		3.2	0.3	-0.5
2020 Q1	1.6	9.0	4.1	2.9		2.4	2.9	1.5
Q2	0.3	36.9	46.8	2.9		1.2	-2.2	-1.3
Q3	0.8	29.7	22.7	-3.6		1.9	-0.7	-3.0
Q4	0.1	30.8	17.8	5.7		1.6	-1.5	0.4
2021 Q1	0.9	22.6	17.0	3.2		1.3	-0.8	0.9
Q2	3.0	-9.9	-20.8	-2.5		-0.5	4.4	2.8

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

2 Non-profit institutions serving households