

Statistical bulletin

GDP quarterly national accounts, UK: July to September 2021

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



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11 February 2022

Notice

22 December 2021

Please note we have amended the wording of the “UK’s net borrowing position with the rest of the world” headline to remove ambiguity. The point now reads: The UK’s net borrowing position with the rest of the world increased to negative 4.3% as a percentage of GDP in Quarter 3 2021 compared with negative 2.4% of GDP in Quarter 2 (Apr to June) 2021.

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1 . Main points

- UK gross domestic product (GDP) is estimated to have increased by 1.1% in Quarter 3 (July to Sept) 2021, revised from the first estimate of a 1.3% increase.
- The level of GDP is now 1.5% below where it was pre-coronavirus (COVID-19) at Quarter 4 (Oct to Dec) 2019, revised from the previous estimate of 2.1% below, because of upward revisions to growth in 2020; for more information see the [Revisions to GDP section](#).
- Annual UK GDP in 2020 is now estimated to have fallen by 9.4%, revised from a first quarterly estimate of negative 9.7%.
- In output terms, the largest contributors to the increase in Quarter 3 2021 were hospitality, and arts, entertainment and recreation following the further easing of restrictions and reopening of the economy during this period; production and construction both fell.
- Household consumption rose by an upwardly revised 2.7% in Quarter 3 2021 and made the largest contribution to expenditure; there was a fall in underlying inventories, likely reflecting some of the recent supply chain challenges; and a negative contribution from net trade.
- The UK's net borrowing position with the rest of the world increased to negative 4.3% as a percentage of GDP in Quarter 3 2021 compared with negative 2.4% of GDP in Quarter 2 (Apr to June) 2021.
- The household saving ratio decreased to 8.6% in Quarter 3 2021 compared with 10.7% in Quarter 2.
- Households' net lending position in the non-financial account decreased to £13.5 billion (2.3% of GDP) in Quarter 3 2021 from £23.8 billion in Quarter 2 (4.1% of GDP); the decreased lending was driven by a rise in household spending of 3.3% from the previous quarter.
- Non-financial and financial corporations both decreased their net lending position to 0.6% as a percentage of GDP in Quarter 3 2021.

GDP estimates for Quarter 3 2021 are subject to [more uncertainty than usual](#) as a result of the challenges we faced estimating GDP in the current conditions.

2 . Headline gross domestic product (GDP) figures

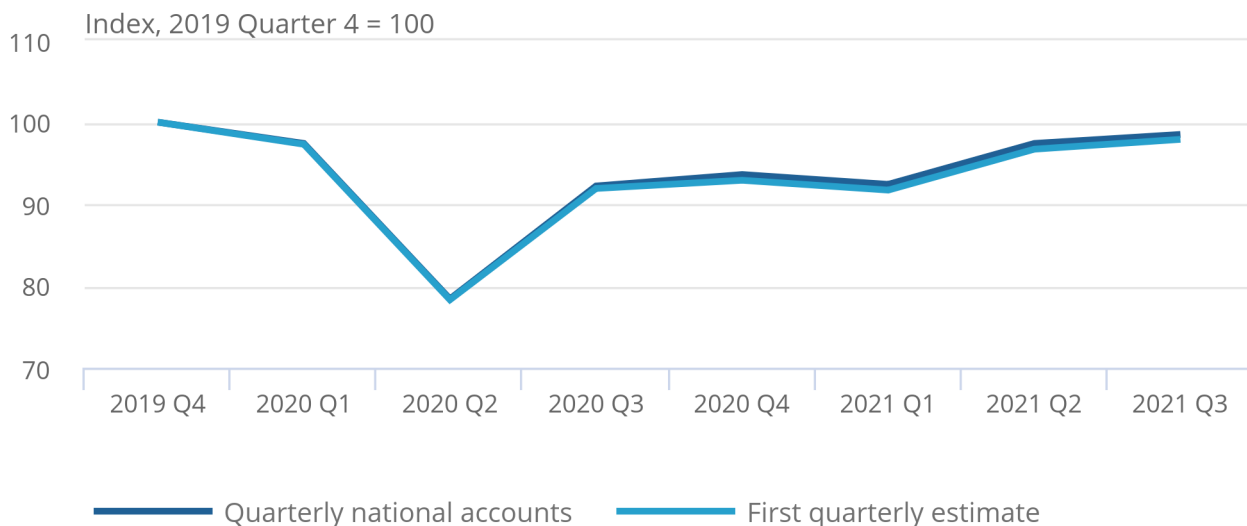
UK gross domestic product (GDP) is estimated to have increased by 1.1% in Quarter 3 (July to Sept) 2021, revised down from the first quarterly estimate of a 1.3% increase. This follows a revised increase of 5.4% in Quarter 2 (Apr to June) 2021 following the easing of coronavirus (COVID-19) restrictions. The level of real quarterly GDP in the UK is now 1.5% below where it was prior to the coronavirus pandemic at the end of 2019, revised from 2.1% (Figure 1).

Figure 1: Real GDP in Quarter 3 2021 is now a revised 1.5% below its pre-coronavirus level (Quarter 4 2019)

Quarter 4 (Oct to Dec) 2019 to Quarter 3 (July to Sept) 2021

Figure 1: Real GDP in Quarter 3 2021 is now a revised 1.5% below its pre-coronavirus level (Quarter 4 2019)

Quarter 4 (Oct to Dec) 2019 to Quarter 3 (July to Sept) 2021



Source: Office for National Statistics – GDP quarterly national accounts

Notes:

1. Q1 refers to Quarter 1 (Jan to Mar), Q2 refers to Quarter 2 (Apr to June), Q3 refers to Quarter 3 (July to Sept) and Q4 refers to Quarter 4 (Oct to Dec).
2. Index is referenced to Quarter 4 (Oct to Dec) 2019.

In line with the [National Accounts Revisions Policy](#), all quarters from Quarter 1 (Jan to Mar) 2020 onwards are open for revision. The revisions made in this publication reflect a variety of factors, including new survey data, new Value Added Tax (VAT) turnover data and updates to seasonal factors. More information can be found in the [Revisions to GDP section](#).

An indicative monthly GDP path associated with today's quarterly figures can be found in the [associated dataset](#). For the latest quarter, those figures indicate that monthly GDP fell by 0.1% in July, and increased by 0.1% in August and 0.6% in September 2021. [Monthly figures for October](#) have also been published, showing that monthly GDP grew by 0.1%.

Nominal GDP rose by a revised 1.6% in Quarter 3 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 rose by 0.5% in Quarter 3 2021, revised from a first quarterly estimate rise of 0.2%. Compared with the same quarter a year ago, the implied GDP deflator rose by 0.6%. This was driven by a rise in the annual household implied deflator of 2.8%, partially offset by a fall of 7.1% in the government implied deflator.

Annual UK GDP for 2020 is now estimated to have fallen by 9.4%, revised up by 0.3 percentage points from the previous estimate. Nominal UK GDP fell by 4.6% in 2020, revised from a first quarterly estimate fall of 4.4%.

Table 1: Headline national accounts indicators for the UK

% growth¹

	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	-9.4	-10.5	-9.4	-9.8	-4.6	2.9	5.4
2020 Q1	-2.6	-2.7	-2.5	-2.7	-1.0	0.9	1.6
2020 Q2	-19.4	-20.0	-18.4	-19.5	-13.1	-2.6	7.9
2020 Q3	17.6	19.6	16.1	17.4	11.9	3.9	-4.9
2020 Q4	1.5	-1.6	3.7	1.3	1.6	2.6	0.1
2021 Q1	-1.3	-3.7	-1.1	-1.4	0.7	0.4	1.9
2021 Q2	5.4	8.2	2.3	5.3	3.4	2.0	-1.9
2021 Q3	1.1	2.7	-0.9	0.9	1.6	1.6	0.5

Source: Office for National Statistics - GDP quarterly national accounts

Notes

1. Percentage change on previous period.
2. Q1 refers to Quarter 1 (Jan to Mar), Q2 refers to Quarter 2 (Apr to June), Q3 refers to Quarter 3 (July to Sept) and Q4 refers to Quarter 4 (Oct to Dec).
3. Population data are consistent with the mid-2020 estimates published on 25 June 2021.

The latest data mean the three measures we use to estimate GDP growth (output, expenditure, and income) are now showing a closer alignment for growth across the last seven quarters. This has narrowed the difference between monthly and quarterly GDP measurements relative to the pre-coronavirus level. More information can be found in the [Measuring the data section](#). Further information on the [challenges of measuring GDP during the pandemic](#) and the different levels of uncertainty surrounding each measurement approach are provided in our previous publication.

The United States is the only economy from the selected countries to have recovered above pre-coronavirus levels in real terms (Figure 2). France is now 0.1% below its pre-coronavirus level. In nominal terms, all countries selected have seen their economies recover to above their Quarter 4 (Oct to Dec) 2019 levels except Spain.

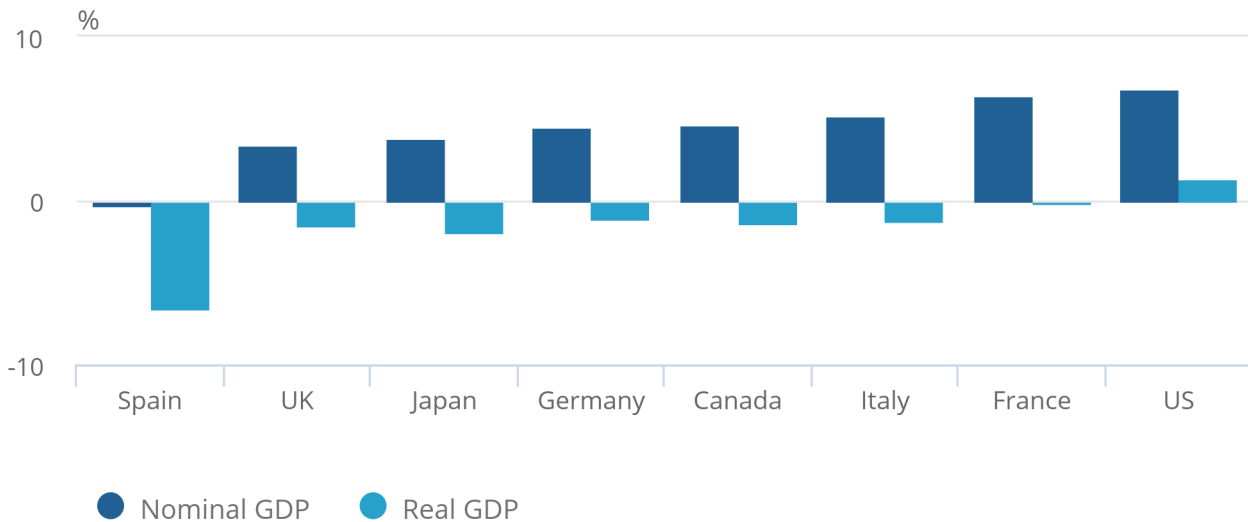
Recent analysis highlights the [challenges of making international comparisons of GDP at this time](#) and suggests it may be useful to compare nominal and real estimates of GDP, as well as estimates excluding government expenditure.

Figure 2: International comparisons show that most of the selected countries' real GDP are still to recover to their pre-coronavirus levels

Percentage change, nominal and real GDP, Quarter 4 (Oct to Dec) 2019 to Quarter 3 (July to Sept) 2021

Figure 2: International comparisons show that most of the selected countries' real GDP are still to recover to their pre-coronavirus levels

Percentage change, nominal and real GDP, Quarter 4 (Oct to Dec) 2019 to Quarter 3 (July to Sept) 2021



Source: Office for National Statistics – GDP quarterly national accounts; and Organisation for Economic Co-operation and Development (OECD) – for non-UK GDP quarterly data

Notes:

1. Chart shows the percentage change in nominal and real GDP in Quarter 3 (July to Sept) 2021 compared with pre-coronavirus Quarter 4 (Oct to Dec) 2019.
2. Data as of 13 December 2021.

3 . Output

Services output rose in Quarter 3 (July to Sept) 2021 as coronavirus (COVID-19) restrictions continued to ease to varying degrees in [England](#), [Scotland](#) and [Wales](#). Construction and production output, however, fell in Quarter 3.

Services

There was a rise in services output of 1.4% in Quarter 3 2021, revised down from a first quarterly estimate of 1.6%. Services output is now 0.6% below Quarter 4 (Oct to Dec) 2019 levels.

This growth was mainly driven by increases in accommodation and food service activities (30.7%) and arts, entertainment and recreation (18.7%), following the relaxation of almost all coronavirus public health restrictions on 19 July 2021, including the re-opening of indoor hospitality by varying degrees in [England](#), [Scotland](#) and [Wales](#). These were partially offset by wholesale and retail trade, which fell by 2.4%. Elsewhere, health and social work fell by 1.3% in Quarter 3, driven by a 1.6% fall in human health activities. More information is provided in [Section 4: Expenditure](#).

Figure 3 shows the performance of services sub-sectors relative to their pre-coronavirus levels. Notably, the arts, entertainment and recreation sector has now recovered to above its pre-coronavirus levels by 2.4%, revised from a first estimate of being 5.4% below pre-coronavirus levels. This revision is because of the inclusion of Value Added Tax (VAT) data for Quarter 2 (Apr to June) 2021 for the first time. Most sectors have shown an improvement in their performance compared with their initial estimate except for wholesale and retail trade, and human health and social work.

Figure 3: The services sector in Quarter 3 (July to Sept) 2021 is now a revised 0.6% below its pre-coronavirus level (Quarter 4 2019), in part reflecting upward revisions in arts, entertainment and recreation

Percentage change, Quarter 4 (Oct to Dec) 2019 to Quarter 3 (July to Sept) 2021

Notes:

1. Chart shows the percentage change in the services sector in Quarter 3 (July to Sept) 2021 compared with Quarter 4 (Oct to Dec) 2019.

Download the data

[.xlsx](#)

Production

Production output fell by 0.1% in Quarter 3 2021, revised down from a rise of 0.8% from the first estimate. The sector has continued to face supply chain challenges highlighted in our [previous monthly GDP release](#).

There have been revisions to electricity, gas, steam, and air conditioning supply, reflecting revised data for mostly electricity for the month of September. These revisions have led to a weaker performance for the production sector relative to its pre-coronavirus level (Figure 4).

The fall in production output was driven by electricity, gas, steam, and air conditioning supply (negative 7.3%) following exceptionally high levels in May 2021 (last higher in December 2001), mainly resulting from adverse weather conditions boosting demand for energy.

Elsewhere in production, the manufacturing sub-sector also fell (-0.7%) in Quarter 3 2021; most of this was due to a 3.5% fall in Manufacture of rubber and plastic products. Falls were seen in 8 out of 13 manufacturing sub-sectors. Other large drivers of the fall in manufacturing were: manufacture of basic pharmaceutical products and pharmaceutical preparations, manufacture of machinery and equipment not elsewhere classified, and manufacture of transport equipment.

Output in the manufacture of motor vehicles fell for a third consecutive quarter, by 0.5%, although this was a much smaller fall when compared with Quarter 1 (Jan to Mar) 2021 (negative 12.5%) and Quarter 2 2021 (negative 17.1%) as it continues to be impacted following supply side challenges predominantly caused by the global microchip shortage disrupting car production.

This was partially offset by a 22.2% rise in mining and quarrying in part because of the reopening of sites that had previously been temporarily closed for planned maintenance.

Figure 4: The production sector in Quarter 3 (July to Sept) 2021 is now a revised 3.4% below its pre-coronavirus level (Quarter 4 2019), reflecting downwards revisions across all four sectors

Percentage change, breakdown of the production sector, Quarter 4 (Oct to Dec) 2019 to Quarter 3 (July to Sept) 2021

Notes:

1. Chart shows the percentage change in the production sector in Quarter 3 (July to Sept) 2021 compared with Quarter 4 (Oct to Dec) 2019.

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Construction

Construction output fell by a revised 1.0% in Quarter 3 2021, following four consecutive quarterly increases. Construction output is now 2.1% below its pre-coronavirus levels. The revision is because of enhanced data from VAT returns incorporated into the estimates.

More timelier estimates for [construction output](#) continue to report that the industry continues facing price rises in raw materials because of supply chain issues, which are an important reason for the decline in output in recent months.

4 . Expenditure

There were quarterly increases in private consumption in Quarter 3 (July to Sept) 2021, while there was a fall in the consumption of government goods and services. There was also a fall in underlying inventories, likely reflecting some of the recent supply chain challenges. Figure 5 presents the main expenditure components relative to their pre-coronavirus levels following revisions to estimates.

Figure 5: Private consumption is now a revised 2% below its pre-coronavirus level (Quarter 4 2019)

Percentage change, breakdown of the main expenditure components, Quarter 4 (Oct to Dec) 2019 to Quarter 3 (July to Sept) 2021

Notes:

1. Chart shows the percentage change in expenditure components in Quarter 3 (July to Sept) 2021 compared with Quarter 4 (Oct to Dec) 2019.
2. The chart for presentation purposes excludes data under gross capital formation: changes in inventories; and acquisitions less disposable of assets.
3. Private consumption comprises of households and non-profit institution serving households.

Download the data

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Private consumption

Household consumption increased by 2.7% in Quarter 3 2021, revised from a first estimate of 2.0%. This reflects the easing of coronavirus (COVID-19) restrictions, with household consumption now 2.1% lower than its pre-coronavirus level in Quarter 4 (Oct to Dec) 2019 (previously 4.4% below) (Figure 6).

There were increases in spending on restaurants and hotels, and transport in Quarter 3 2021, following the reopening of the economy. This was partly offset by a fall in spending on household goods, clothing and footwear, and food and drink. The fall in food and drink may be because of the strong rise in spending on restaurants and hotels.

Figure 6: As a result of upward revisions in spending on restaurants, household consumption in Quarter 3 (2021) is now a revised 2.1% below its pre-coronavirus level (Quarter 4 2019)

Percentage change, breakdown of household consumption, Quarter 4 (Oct to Dec) 2019 to Quarter 3 (July to Sept) 2021

Notes:

1. Chart shows the percentage change in the breakdown of household consumption in Quarter 3 (July to Sept) 2021 compared with Quarter 4 (Oct to Dec) 2019.

Download the data

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Across 2020 and 2021, non-profit institutions serving households (NPISH) volume expenditure has seen notable revisions as forecasts of output have been improved to take on auxiliary data.

Consumption of government goods and services

Government consumption fell by 0.5% in Quarter 3 2021, revised from the first estimate of a rise of 0.9%. The consumption of health services fell by 1.6% in Quarter 3 2021, revised down from a first estimate of a rise of 3.4%. Revisions were driven by updated data in General Practitioner (GP) services and outpatient follow-up appointments across 2020 and 2021. In addition, the latest quarter revision was driven by the removal of a balancing adjustment put in place to align the expenditure and output measures of gross domestic product (GDP).

While the [NHS Test and Trace and COVID-19 vaccination programme](#) has contributed to health output, in Quarter 3 2021, there was a reduction in Test and Trace, and vaccination activity, driven by a fall in vaccination activity between Quarter 2 and Quarter 3. In England, vaccinations fell from 35.4 million in Quarter 2 to 14.1 million in Quarter 3. Although booster vaccinations are included in the Quarter 3 data, the campaign did not begin until the week commencing 20 September, with fewer than 900,000 booster vaccinations administered in September 2021.

There was some growth in non-coronavirus-19 health activity in Quarter 3 2021, with GP appointments. Since Quarter 2 2020, the Office for National Statistics (ONS) has used data from the [Appointments in General Practice](#) bulletin, published by NHS Digital, to inform our estimates of primary care services. These data incorporate the full range of services offered by GP practices in England. Excluded from these numbers are any activity relating to GP surgery-based COVID-19 vaccinations; these are captured in the COVID-19 vaccination programme output estimates.

Elsewhere, the consumption of education services increased by 0.1% in Quarter 3 2021, unchanged from the first estimate.

Gross capital formation

Gross fixed capital formation fell by 0.9% in Quarter 3 2021, revised down from the first estimate increase of 0.8%. This reflects a large fall of 44.8% in capital spending on transport and equipment, reflecting lower investment by the air transport industry compared with Quarter 2 2021. There were also falls in investment by the rental and leasing industries, with the semi-conductor shortage continuing to impact.

Business investment fell by 2.5% in Quarter 3 2021. Figure 7 shows the revisions to the quarterly path of business investment, which is now estimated to be 11.7% below its pre-coronavirus levels.

Figure 7: Business investment is now a revised 11.7% below its pre-coronavirus level (Quarter 4 2019)

UK, Quarter 4 (Oct to Dec) 2019 to Quarter 3 (July to Sept) 2021

Figure 7: Business investment is now a revised 11.7% below its pre-coronavirus level (Quarter 4 2019)

UK, Quarter 4 (Oct to Dec) 2019 to Quarter 3 (July to Sept) 2021



Source: Office for National Statistics – GDP quarterly national accounts

Notes:

1. Q1 refers to Quarter 1 (Jan to Mar), Quarter 2 refers to Quarter 2 (Apr to June), Q3 refers to Quarter 3 (July to Sept) and Q4 refers to Quarter 4 (Oct to Dec).
2. Index is referenced to Quarter 4 (Oct to Dec) 2019.

The underlying change in inventories saw a fall of £2.3 billion in Quarter 3 2021. This was driven by falls in inventories for other industries (including motor trades and construction), with reported falls in the stock of new cars because of the semi-conductor shortage and new cars availability.

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 10: 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 3 (July to Sept) 2021

	Change in Inventories	Of which alignment	Of which balancing	Change in Inventories excluding alignment and balancing
2020 Q1 Current price	-2,186	794		-2,980
Chained volume measure	-1,797	739		-2,536
2020 Q2 Current price	-4,518	-3,127	-500	-891
Chained volume measure	-7,944	-2,875	-500	-4,569
2020 Q3 Current price	-6,614	765		-7,379
Chained volume measure	-4,018	683		-4,701
2020 Q4 Current price	3,857	1,568		2,289
Chained volume measure	4,282	1,453		2,829
2021 Q1 Current price	2,846	-25		2,871
Chained volume measure	1,980	-44		2,024
2021 Q2 Current price	-1,047	-2,776		1,729
Chained volume measure	-2,214	-2,655		441
2021 Q3 Current price	842	3,045		-2,203
Chained volume measure	546	2,880		-2,334

Source: Office for National Statistics - GDP quarterly national accounts

Notes

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

Net trade

The UK's trade balance fell to a deficit of negative 1.9% of GDP in Quarter 3 2021, revised from a first estimate of negative 1.2%.

In volume terms, total exports fell by a revised 3.5% in Quarter 3 2021, driven by downward revisions to goods and services. This included updated data from the [International Trade in Services Survey \(ITIS\)](#), in particular other business services, telecommunications, and computer and information services.

There was a fall in goods exports of 8.8% in Quarter 3 2021, particularly because of falls in machinery and transport equipment, unspecified goods, and material manufactures. The rise in service exports of 2.7% was driven by financial services, as well as other business services where GDP balancing adjustments have been applied.

Total imports rose by a revised 1.1% in Quarter 3 2021, driven by increases in fuels and unspecified goods and chemicals. Services imports fell by 2.4% in Quarter 3, because of falls in intellectual property. However, imports of air transport services and travel services increased, reflecting summer holidays and some easing in international travel restrictions.

5 . Income

Nominal gross domestic product (GDP) rose by 1.6% in Quarter 3 (July to Sept) 2021. This rise was driven by increases in taxes less subsidies and compensation of employees.

Tax receipts increased by 0.7%, driven by updated data from Value Added Tax (VAT) revenues, and national non-domestic rates (NNDR). Subsidies payments fell by 35.8% in Quarter 3, reflecting the lead up to the ending of the Coronavirus Job Retention Scheme (CJRS) and Self-Employment Income Support Scheme (SEISS).

Compensation of employees rose by 1.6% in Quarter 3 2021. This was driven by a revised 1.6% rise in wages and salaries, which may reflect labour shortages created by record high job-to-job moves, and signs of a labour market mismatch (with record levels of vacancy numbers) raising demand for workers (thus raising wages and salaries).

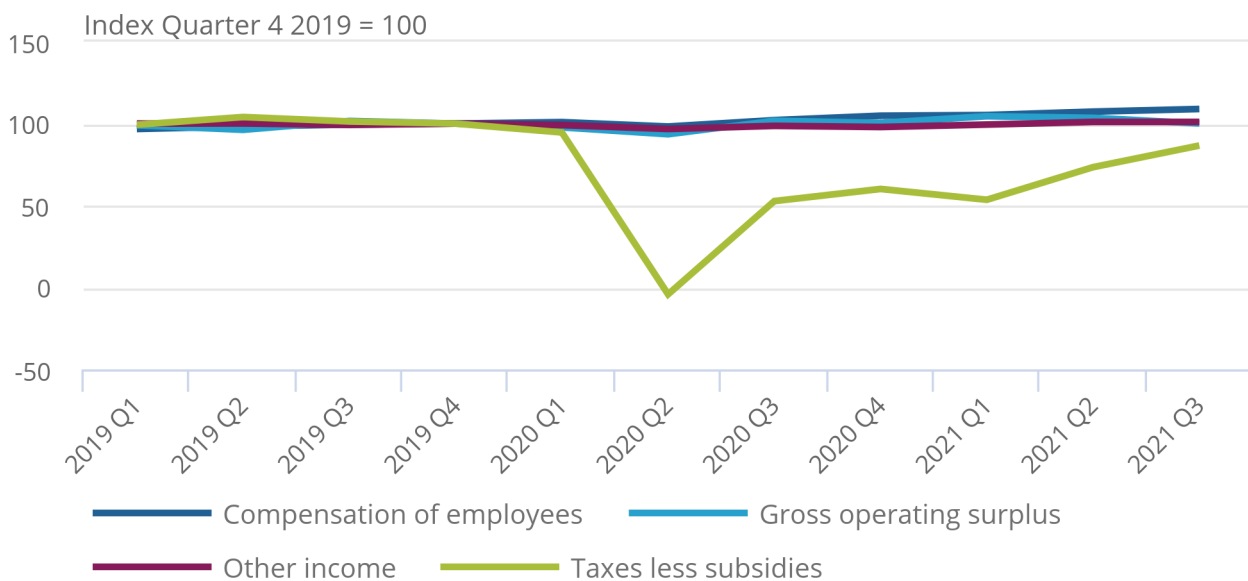
There was a revised 1.4% rise in employers' social contributions primarily driven by updated actual pension contributions data and an increase in voluntary contributions because of upward revisions in data related to the NHS pension scheme.

Figure 8: Nominal GDP increased by a revised 1.6% in Quarter 3 (July to Sept) 2021

UK, Quarter 1 (Jan to Mar) 2019 to Quarter 3 (July to Sept) 2021

Figure 8: Nominal GDP increased by a revised 1.6% in Quarter 3 (July to Sept) 2021

UK, Quarter 1 (Jan to Mar) 2019 to Quarter 3 (July to Sept) 2021



Source: Office for National Statistics – GDP quarterly national accounts

Notes:

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

Gross operating surplus (GOS) of corporations saw a fall of 3.3% in Quarter 3 2021. GOS of private non-financial corporations fell by 3.7%, however, the fall in GOS of private non-financial corporations mainly reflects the alignment adjustment that is applied to this component for the purpose of balancing the income estimate of GDP for this quarter (Table 3). Excluding the alignment adjustment, GOS of private non-financial corporations increased by 0.2% in Quarter 3.

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

UK, Quarter 1 (Jan to Mar) 2020 to Quarter 3 (July to Sept) 2021

	Gross operating surplus of private non-financial corporations	Of which alignment	Gross operating surplus of private non-financial corporations excluding alignment	Gross operating surplus of private non-financial corporations excluding alignment
Quarter-on-quarter growth				
2020 Q1	98,180	- 2,049	100,229	-1.8
2020 Q2	94,308	1,760	92,548	-7.7
2020 Q3	103,857	1,554	102,303	10.5
2020 Q4	100,484	- 1,265	101,749	-0.5
2021 Q1	105,650	2,991	102,659	0.9
2021 Q2	103,995	91	103,904	1.2
2021 Q3	100,193	- 3,959	104,152	0.2

Source: Office for National Statistics - GDP quarterly national accounts

Notes

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

6 . Revisions to gross domestic product (GDP)

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

This release includes the processing and GDP balancing of a number of annual benchmark data for 2020, including the annual International Trade in Services Survey.

We have also incorporated Value Added Tax (VAT) turnover data up to Quarter 2 (Apr to June) 2021 to estimate the output of small businesses for some industries in the output approach to GDP. VAT turnover has only been used to estimate growth rates, with the overall level of output still derived from the Annual Business Survey and other annual benchmark sources.

In addition to the annual benchmarks and integration of VAT turnover, there are also revisions in this release because of the replacement of forecasts with actual survey or external source data and new seasonal adjustment factors.

Table 4: Revisions to quarter-on-quarter growth for components of GDP
Quarter 1 (Jan to Mar) 2020 to Quarter 3 (July to Sept) 2021

Percentage points

	2020 Q1	2020 Q2	2020 Q3	2020 Q4	2021 Q1	2021 Q2	2021 Q3
Average GDP in chained volume measures	0.1	0.2	0.2	0.4	0.1	-0.1	-0.2
Output							
Production	0	0.1	-0.6	-0.1	0.1	-0.3	-0.9
Construction	0.2	-0.1	0.2	-0.2	-0.3	-0.2	0.5
Services	-0.1	0.1	-0.1	0.2	0.2	-0.1	-0.2
Expenditure							
Households	-0.1	0.3	-0.3	0.2	0.7	1	0.7
Non-profit institutions serving households	2	4	12.3	3.8	-6.3	5.8	0.4
General government	0.9	-0.2	1.1	-1.1	-0.2	0.2	-1.4
Gross fixed capital formation	0.1	0.9	-2.8	-0.7	1.9	1.5	-1.7
Total exports	0.6	-0.6	1.2	0.5	0.7	0.5	-1.6
Total imports	0.5	0.6	-0.4	0	0.8	2.4	-1.4
Average GDP in current prices	-0.1	-0.1	0.2	0.2	-0.2	0.3	0.2
Income							
Compensation of employees	0	0.3	0	0.2	-0.1	0.2	0.1
Gross operating surplus of corporations	-1.3	0.7	1.5	0.7	-1.1	-0.1	1.7
Other income	0.1	0	0	0.3	0	0	-1.3
Taxes on products and production less subsidies	3.3	-3.1	2,937.1	2.1	-0.4	4.7	-1.3

Source: Office for National Statistics - GDP quarterly national accounts

Notes

1. Q1 refers to Quarter 1 (Jan to Mar) Q2 refers to Quarter 2 (Apr to June) Q3 refers to Quarter 3 (July to Sept) and Q4 refers to Quarter 4 (Oct to Dec).
2. Revisions are between the GDP first quarterly estimate published 11 November 2021 and quarterly national accounts published 22 December 2021.
3. Please note, the revision to taxes on products and production less subsidies appears large, but reflects record high levels seen across 2020.

7 . Quarterly sector accounts

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

In the non-financial account, the UK's borrowing position with the rest of the world was negative 4.3% as a percentage of gross domestic product (GDP) in Quarter 3 (July to Sept) 2021, increasing from negative 2.4% of GDP in Quarter 2 (Apr to June) 2021 (Figure 9). This was driven by a widening in the UK's trade deficit of £7.9 billion, as the trade in goods balance went from a deficit of £34.2 billion to a deficit of £46.1 billion in Quarter 3 2021.

Households saw a decrease in their net lending position to 2.3% as a percentage of GDP in Quarter 3 2021, down from 4.1% of GDP in the previous quarter. This was driven by an increase in household spending of £11.3 billion, a 3.3% increase from Quarter 2 2021. This followed a 9.4% rise in spending in Quarter 2 2021. The decrease was partially offset by a rise in wages and salaries of £3.9 billion. This was driven by an increase in private sector employment.

General government has decreased its net borrowing position to negative 7.5% as a percentage of GDP in Quarter 3 2021, from negative 9.1% of GDP in Quarter 2 2021. Within this, central government saw a fall in subsidies paid of £7.3 billion. This was partially offset by a rise in central government final consumption expenditure of £1.6 billion, with increased spending on public admin and defence.

Non-financial and financial corporations both decreased their net lending positions to 0.6% of GDP in Quarter 3 2021. Non-financial corporations' lending decreased from 2.2% of GDP in Quarter 2 2021. Within non-financial corporations, private non-financial corporations (PNFCs) decreased their net property income by £4.7 billion, driven by increased distributed income of corporations paid of £6.6 billion. This was partially offset by increased net reinvested earnings on foreign direct investment of £4.7 billion.

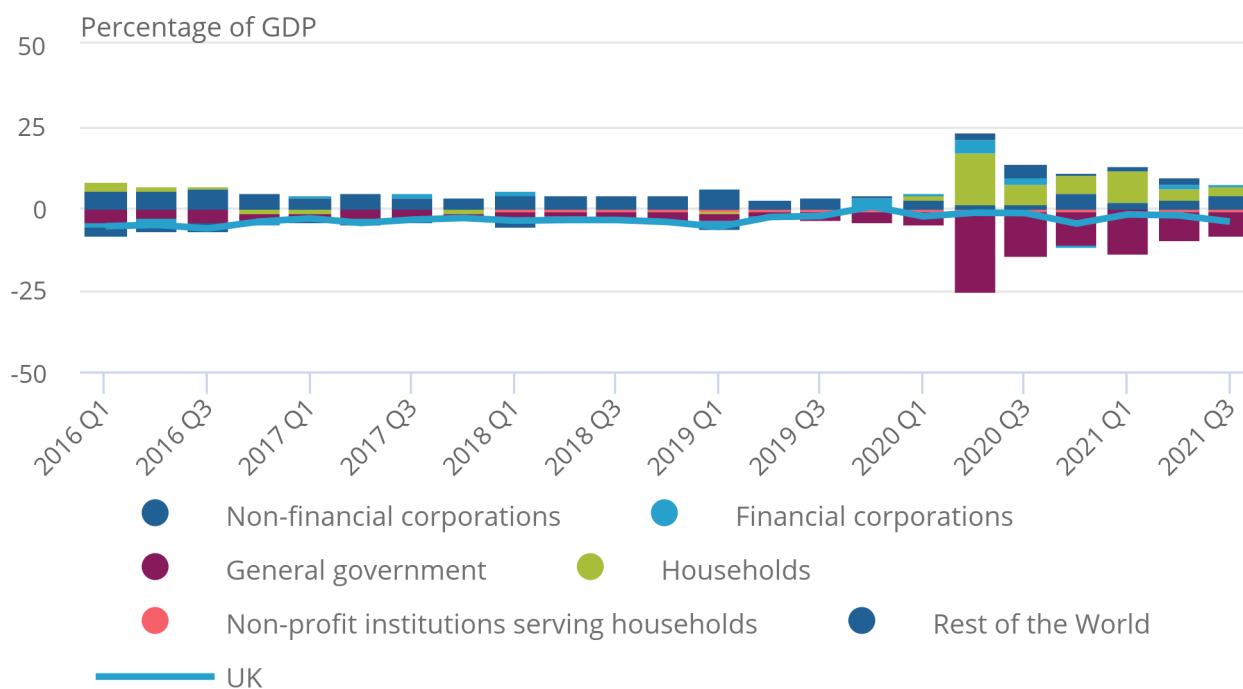
Financial corporations' net lending decreased from 0.8% of GDP in the previous quarter. This was driven by a rise in gross capital formation of £1.8 billion, itself driven by increased acquisitions less disposals of valuables of £2.1 billion.

Figure 9: The increase in UK net borrowing was driven by decreased net lending by households and corporations, partially offset by decreased government borrowing.

Net lending (+) or borrowing (-) position by institutional sector as a percentage of GDP, seasonally adjusted, Quarter 1 (Jan to Mar) 2016 to Quarter 3 (July to Sept) 2021.

Figure 9: The increase in UK net borrowing was driven by decreased net lending by households and corporations, partially offset by decreased government borrowing.

Net lending (+) or borrowing (-) position by institutional sector as a percentage of GDP, seasonally adjusted, Quarter 1 (Jan to Mar) 2016 to Quarter 3 (July to Sept) 2021.



Source: Office for National Statistics - Quarterly sector accounts

Notes:

1. Q1 refers to Quarter 1 (Jan to Mar) Q2 refers to Quarter 2 (Apr to June) Q3 refers to Quarter 3 (July to Sept) and Q4 refers to Quarter 4 (Oct to Dec).
2. NPISH refers to Non-profit institutions serving households.

The household saving ratio decreased to 8.6% in the latest quarter from a revised 10.7% in Quarter 2 2021 (Figure 10). Households' gross disposable income grew by 1.1% on the previous quarter but households' final consumption expenditure rose by 3.3% from the previous quarter. Households' final consumption expenditure growth increased as spending on restaurants and hotels, transport, and recreation and culture increased as the final stage of COVID restrictions was lifted in England on 19 July.

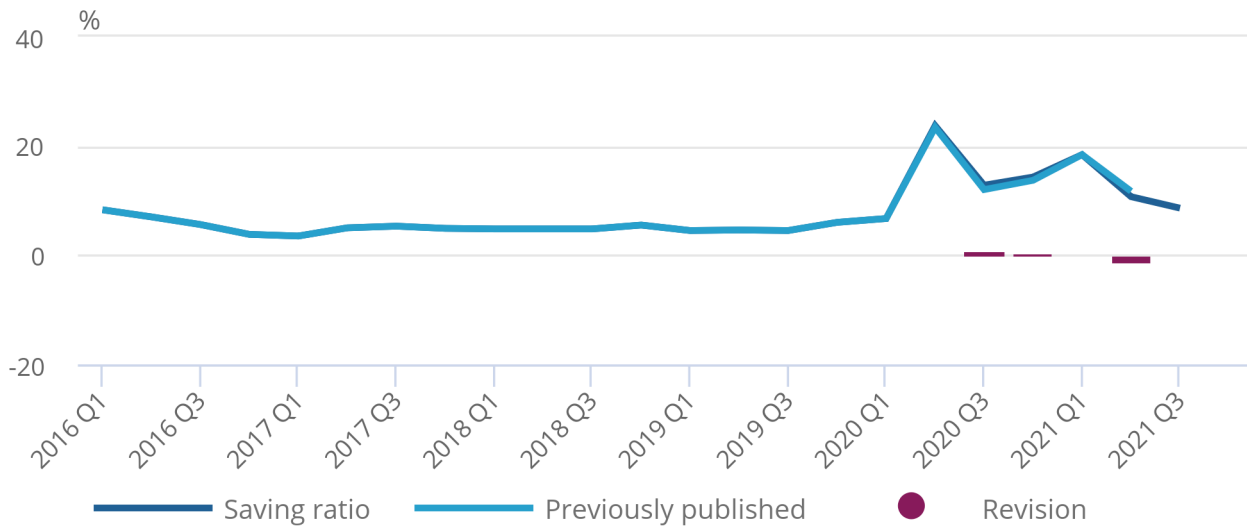
Real household disposable income rose by 0.5% this quarter; nominal households' gross disposable income grew by 1.1% but this was partially offset by household inflation of 0.6%.

Figure 10: Household saving ratio decreased to 8.6% in Quarter 3 2021 compared with 10.7% in the previous quarter

UK household saving ratio, percentage, Quarter 1 (Jan to Mar) 2016 to Quarter 3 (July to Sept) 2021

Figure 10: Household saving ratio decreased to 8.6% in Quarter 3 2021 compared with 10.7% in the previous quarter

UK household saving ratio, percentage, Quarter 1 (Jan to Mar) 2016 to Quarter 3 (July to Sept) 2021



Source: Office for National Statistics - Quarterly sector accounts

Notes:

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

Financial account net lending and borrowing (not seasonally adjusted)

Households decreased their net lending position by £14.9 billion on the quarter to £22.3 billion. This was driven by a fall in deposits with UK monetary financial institutions of £21.5 billion, as household expenditure on some discretionary spending increased. This was partially offset by a £13.3 billion fall in loans secured on dwellings.

General government decreased their net borrowing position by £19.8 billion to £46.5 billion in Quarter 3 2021, with central government decreasing their net borrowing position by £28.7 billion to £46.4 billion in Quarter 3 2021. This was driven by a decrease in the issuance of short-term and long-term debt securities of £39.4 billion. Central government also increased their deposits by £16.6 billion. However, these increases were partially offset by an increase in other accounts payable of £22.2 billion.

Non-financial corporations increased their net lending position by £5.7 billion to £25.2 billion in Quarter 3 2021, following a net lending position of £19.6 billion in the previous quarter. Private non-financial corporations (PNFCs), a subsector of non-financial corporations, saw an increase in their net lending position to £25.1 billion in Quarter 3 2021. PNFCs increased the holdings of shares and other equity issued by the rest of the world by £34.4 billion and increased their other accounts receivable by £23.5 billion. This was partially offset by a £31.3 billion decrease in deposits with UK monetary financial institutions.

Financial corporations switched to net borrowing of £11.8 billion in Quarter 3 2021 following net lending of £13.5 billion in Quarter 2 2021. This was driven by a decrease in their holdings of shares and other equity issued by the rest of the world of £45.0 billion. This was partially offset by an £18.5 billion increase in net financial derivatives and employee stock options.

Quarterly sector accounts annex table

Significant government interventions affecting the non-financial account of the sector accounts from Quarter 2 2020:

- Coronavirus Job Retention Scheme (CJRS) was implemented by the government to support employers maintaining their employees on the payroll
- Self-Employment Income Support Scheme (SEISS) is a grant scheme to support the self-employed with the intention of supporting their business operations and compensating for loss of income
- Small Business Grant Fund and the Retail, Hospitality and Leisure Grant Fund; two grants intended to help businesses with a fall in sales or increased costs as a result of coronavirus (COVID-19)

The flow of these interventions through the UK's institutional sectors is shown in Table 5.

Table 5: Flow of interventions
UK, Quarter 2 (Apr to June) 2020 to Quarter 3 (July to Sept) 2021

Non-Financial Account		Central Government sector	Local Government sector	All sectors (excl RoW)	Households sector	Notes:
Intervention	Transactions 2020 Q2					
	Subsidy on Production (D.39 U)	28.3bn				
	Subsidy on Production (D.39 R)			28.3bn		
Coronavirus Job Retention Scheme	Wages and Salaries (D.11 U)			28.3bn		Gross Operating Surplus neutral
	Wages and Salaries (D.11 R)				28.3bn	HH Wages boosted
	Subsidy on Production (D.39 U)	7.4bn				
Self-Employment Income Support Scheme	Subsidy on Production (D.39 R)				7.4bn	
	Mixed Income (B.3g)				7.4bn	Households mixed income boosted
	Subsidy on Production (D.39 U)		12.2bn			
Small Business Grant Fund	Subsidy on Production (D.39 R)			12.2bn		
	Gross Operating Surplus (B.2g)			12.2bn		Corporations gross operating surplus boosted & contributor to increased deposits in FA (F22 A)
Intervention	Transactions 2020 Q3					
	Subsidy on Production (D.39 U)	11.0bn				
	Subsidy on Production (D.39 R)			11.0bn		
Coronavirus Job						

Retention Scheme	Wages and Salaries (D.11 U)		11.0bn	Gross Operating Surplus neutral
	Wages and Salaries (D.11 R)		11.0bn	HH Wages boosted
	Subsidy on Production (D.39 U)	5.9bn		
Self-Employment Income Support Scheme	Subsidy on Production (D.39 R)		5.9bn	
	Mixed Income (B.3g)		5.9bn	Households mixed income boosted
	Subsidy on Production (D.39 U)	0.5bn		
Small Business Grant Fund	Subsidy on Production (D.39 R)		0.5bn	
	Gross Operating Surplus (B.2g)		0.5bn	Corporations gross operating surplus boosted & contributor to increased deposits in FA (F22 A)
Intervention	Transactions 2020 Q4			
	Subsidy on Production (D.39 U)	7.4bn		
Coronavirus Job Retention Scheme	Subsidy on Production (D.39 R)		7.4bn	
	Wages and Salaries (D.11 U)		7.4bn	Gross Operating Surplus neutral
	Wages and Salaries (D.11 R)		7.4bn	HH Wages boosted
	Subsidy on Production (D.39 U)	5.5bn		
Self-Employment				

Income Support Scheme	Subsidy on Production (D.39 R)		5.5bn	
	Mixed Income (B.3g)		5.5bn	Households mixed income boosted
	Subsidy on Production (D.39 U)	2.6bn		
Small Business Grant Fund	Subsidy on Production (D.39 R)		2.6bn	
	Gross Operating Surplus (B.2g)		2.6bn	Corporations gross operating surplus boosted & contributor to increased deposits in FA (F22 A)
Intervention	Transactions 2021 Q1			
	Subsidy on Production (D.39 U)	11.5bn		
Coronavirus Job Retention Scheme	Subsidy on Production (D.39 R)		11.5bn	
	Wages and Salaries (D.11 U)		11.5bn	Gross Operating Surplus neutral
	Wages and Salaries (D.11 R)		11.5bn	HH Wages boosted
	Subsidy on Production (D.39 U)	0.9bn		
Self-Employment Income Support Scheme	Subsidy on Production (D.39 R)		0.9bn	
	Mixed Income (B.3g)		0.9bn	Households mixed income boosted
	Subsidy on Production (D.39 U)	4.5bn		

Small Business Grant Fund	Subsidy on Production (D.39 R)		4.5bn	
	Gross Operating Surplus (B.2g)		4.5bn	Corporations gross operating surplus boosted & contributor to increased deposits in FA (F22 A)
Intervention	Transactions 2021 Q2			
	Subsidy on Production (D.39 U)	5.9bn		
Coronavirus Job Retention Scheme	Subsidy on Production (D.39 R)		5.9bn	
	Wages and Salaries (D.11 U)		5.9bn	Gross Operating Surplus neutral
	Wages and Salaries (D.11 R)		5.9bn	HH Wages boosted
	Subsidy on Production (D.39 U)	5.5bn		
Self-Employment Income Support Scheme	Subsidy on Production (D.39 R)		5.5bn	
	Mixed Income (B.3g)		5.5bn	Households mixed income boosted
	Subsidy on Production (D.39 U)	1.2bn		
Small Business Grant Fund	Subsidy on Production (D.39 R)		1.2bn	
	Gross Operating Surplus (B.2g)		1.2bn	Corporations gross operating surplus boosted & contributor to increased deposits in FA (F22 A)
Intervention	Transactions 2021 Q3			
	Subsidy on Production (D.39 U)	2.6bn		

Coronavirus Job Retention Scheme	Subsidy on Production (D.39 R)		2.6bn	
	Wages and Salaries (D.11 U)		2.6bn	Gross Operating Surplus neutral
	Wages and Salaries (D.11 R)		2.6bn	HH Wages boosted
Self-Employment Income Support Scheme	Subsidy on Production (D.39 U)	2.7bn		
	Subsidy on Production (D.39 R)		2.7bn	
	Mixed Income (B.3g)		2.7bn	Households mixed income boosted
Small Business Grant Fund	Subsidy on Production (D.39 U)	0.1bn		
	Subsidy on Production (D.39 R)		0.1bn	
	Gross Operating Surplus (B.2g)		0.1bn	Corporations gross operating surplus boosted & contributor to increased deposits in FA (F22 A)

Source: Office for National Statistics - Quarterly sector accounts

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

[GDP data tables](#)

Dataset | Released 22 December 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 22 December 2021

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

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

Dataset | Released 22 December 2021

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

9 . Glossary

Contribution to growth

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

Chained volume measure

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

Gross domestic product (GDP)

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

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

Index numbers

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

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

10 . Measuring the data

Reaching the gross domestic product (GDP) balance

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

Because of quarterly GDP being a balanced measure of the three approaches, and the output approach focusing solely on growth in gross value added (GVA) and output as a proxy for GDP, there is a difference in 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 GVA-added concept to a GDP basis.

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

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

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

Table 6: Balancing adjustments applied to the GDP quarterly national accounts dataset
Quarter 1 (Jan to Mar) 2020 to Quarter 3 (July to Sept) 2021

GDP measurement approach and component adjustment applied to		Q1 2020	Q2 2020	Q3 2020	Q4 2020	Q1 2021	Q2 2021	Q3 2021
Expenditure								
Trade in services	Current prices	500	-2,600		2,000		-1,500	2,500
	Chained volume measure	500	-2,600		2,000		-1,500	1,500
Inventories	Current prices		-500					
	Chained volume measure		-500					
Income								
Private non-financial corporations GOS	Current prices					100		-650
Compensation of employees	Current prices					500		

Source: Office for National Statistics - GDP quarterly national accounts

Notes

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

GDP monthly estimate

On 10 December 2021, estimates of [Monthly GDP](#) were published for October 2021. The [Index of Services](#), [Index of Production](#) and [Construction output in Great Britain](#) publications covering October 2021 are also available.

This release sees revisions from Quarter 1 2020 to Quarter 3 2021. Although this release focuses on providing the best quarterly estimate of GDP, an indicative monthly path for the Quarter 1 (Jan to Mar) 2020 and Quarter 3 (July to Sept) 2021 is provided in the [dataset](#).

Services output overall in September 2021 is now 0.2 percentage points above its pre-coronavirus (COVID-19) pandemic level (February 2020). This is because of updated data for professional, scientific and technical activities and downward revisions to February 2020 from human health and social work activities. All other major sectors remain below their pre-coronavirus level (February 2020).

A full breakdown of the monthly data consistent with this quarterly release will be available in the next monthly GDP release (on 14 January 2022).

Pre-coronavirus comparisons of quarterly GDP

We previously referred to the [challenges of measuring GDP](#) during the pandemic and the different levels of uncertainty surrounding each measurement approach.

With revisions to 2020 and 2021 components, the three measures we use to estimate GDP growth (output, expenditure and income) are now showing a closer alignment for growth across the last seven quarters (Table 7). As a result, this has narrowed the difference between monthly and quarterly GDP measurements relative to the Quarter 4 (Oct to Dec) 2019 pre-coronavirus level.

Table 7: Comparison of three measures and average GDP, quarter-on-quarter and cumulative growth in comparison with Quarter 4 2019

	Average GDP	Expenditure	Income	Output
Quarter on quarter growth rates				
2019 Q4	0.0	0.0	0.0	0.0
2020 Q1	-2.6	-2.8	-2.5	-2.7
2020 Q2	-19.4	-18.8	-20.4	-19.2
2020 Q3	17.6	17	18.2	17.6
2020 Q4	1.5	1.3	1.7	1.5
2021 Q1	-1.3	-1.4	-1.3	-1.2
2021 Q2	5.4	5.4	5.4	5.4
2021 Q3	1.1	1.1	1.1	1.1
Cumulative position				
2019 Q4 to 2021 Q3	-1.5	-1.6	-1.9	-1.1

Source: Office for National Statistics - GDP quarterly estimate

Notes

1. Estimates of monthly GDP are comparable with the output-based estimates.
2. The headline GDP figure for 2020 and 2021 Q1 is the average of the expenditure, income and output GDP unrounded growth rates.

11 . Strengths and limitations

The UK National Accounts are drawn together using data from many different sources. This ensures that they are comprehensive and provide different perspectives on the economy, for example, sales by retailers and purchases by households. Further information on measuring gross domestic product (GDP) can be found in the [Guide to the UK National Accounts](#) and more quality and methodology information 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 3 (July to Sept) 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](#).

System of National Accounts consultations

As part of an update to the System of National Accounts, the United Nations (UN) are in the process of consulting on several areas being considered for improvement. Previous and live consultations can be found on the [UN Statistics Division website](#). If you would like to discuss any of these consultations with the Office for National Statistics (ONS), please contact us at sna.consultations@ons.gov.uk. Bodies outside the UK National Statistical System are also free to respond to the consultations themselves.

Economic statistics governance after EU exit

Following the UK’s exit from the EU, new governance arrangements are being put in place that will support the adoption and implementation of high-quality standards for UK economic statistics. These governance arrangements will promote international comparability and add to the credibility and independence of the UK’s statistical system.

At the centre of this new governance framework will be the new National Statistician’s Committee for Advice on Standards for Economic Statistics (NSCASE). NSCASE will support the UK by ensuring its processes for influencing and adopting international statistical standards are world-leading. The advice NSCASE provides to the National Statistician will span the full range of domains in economic statistics, including the national accounts, fiscal statistics, prices, trade and the balance of payments, and labour market statistics.

[Further information about NSCASE](#) is available.

12 . Related links

[GDP first quarterly estimate, UK: July to September 2021](#)

Bulletin | Released 11 November 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.

[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.

[International comparisons of GDP during the coronavirus \(COVID-19\) pandemic](#)

Article | Released 1 February 2021

The coronavirus (COVID-19) pandemic has led to record declines in gross domestic product (GDP) in advanced economies in 2020. International comparisons show that the UK has experienced the largest contraction in volume GDP amongst the G7 countries. However, international comparisons have also been complicated by how National Statistical Institutes (NSIs) record non-market output.

[Measuring monthly and quarterly UK gross domestic product during the coronavirus \(COVID-19\) pandemic](#)

Article | Released 11 November 2021

How we produce monthly and quarterly estimates of UK gross domestic product and why this affects estimating where the economy is relative to its pre-coronavirus (COVID-19) pandemic level.

A1 National accounts aggregates^{1,2}

2019 = 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	Gross national disposable income at market prices	Market sector gross value added	Gross national expenditure	Gross domestic product at market prices	Gross value added at basic prices
	YBEU	YBEX	YBEZ	CGCE	YBFP	L48H	YBFV	YBGB	CGBV
2018	96.4	96.3	98.4	98.2	97.3	98.3	98.3	98.0	98.0
2019	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2020	95.4	96.5	90.6	90.5	89.9	90.1	105.0	105.3	106.6
Seasonally adjusted									
2019 Q2	99.6	99.3	99.8	99.9	100.1	100.0	99.8	99.8	99.4
Q3	100.8	100.9	100.3	100.2	99.7	100.3	100.8	100.5	100.7
Q4	100.8	101.0	100.2	100.2	100.6	100.1	100.5	100.5	100.8
2020 Q1	99.7	100.0	97.6	97.6	97.1	97.5	101.5	102.2	102.5
Q2	86.7	88.3	78.6	78.5	76.3	77.8	110.3	110.2	112.4
Q3	96.9	98.3	92.4	92.4	93.1	92.3	104.6	104.9	106.5
Q4	98.5	99.4	93.8	93.8	93.3	92.8	104.9	105.0	106.0
2021 Q1	99.1	100.4	92.6	92.5	93.5	92.3	106.9	107.0	108.5
Q2	102.5	103.1	97.7	97.6	97.8	96.7	104.7	105.0	105.6
Q3	104.1	104.7	98.7	98.6	98.3	98.0	105.3	105.5	106.2
Percentage change, latest year on previous year									
	IHYM	KGL6	IHYP	KGM7	KH6X	L489	KH7D	IHYS	KGM4
2018	3.7	3.7	1.7	1.6	1.5	1.3	1.9	2.0	2.1
2019	3.7	3.8	1.7	1.8	2.8	1.7	1.7	2.0	2.0
2020	-4.6	-3.5	-9.4	-9.5	-10.1	-9.9	5.0	5.4	6.6
Percentage change, latest quarter on previous quarter									
	IHYN	KGL8	IHYQ	KGM9	KH6Z		KH7E	IHYT	KGM5
2019 Q2	0.8	0.4	0.1	0.2	0.5	0.3	0.8	0.6	0.2
Q3	1.2	1.6	0.5	0.3	-0.4	0.3	1.0	0.8	1.3
Q4	-0.1	0.1	-	-	0.9	-0.2	-0.3	-	0.1
2020 Q1	-1.0	-1.0	-2.6	-2.6	-3.5	-2.6	1.0	1.6	1.7
Q2	-13.1	-11.8	-19.4	-19.5	-21.5	-20.2	8.7	7.9	9.6
Q3	11.9	11.4	17.6	17.6	22.0	18.6	-5.2	-4.9	-5.3
Q4	1.6	1.0	1.5	1.5	0.2	0.6	0.3	0.1	-0.5
2021 Q1	0.7	1.0	-1.3	-1.3	0.2	-0.6	2.0	1.9	2.4
Q2	3.4	2.7	5.4	5.4	4.6	4.8	-2.0	-1.9	-2.6
Q3	1.6	1.6	1.1	1.1	0.5	1.3	0.6	0.5	0.6
Percentage change, latest quarter on corresponding quarter of previous year									
	IHYO	KGM2	IHYR	KG3	KH73	L48D	KH7F	IHYU	KGM6
2019 Q2	3.8	4.1	1.8	2.1	3.0	1.9	1.8	2.0	2.0
Q3	4.0	4.1	1.6	1.6	2.2	1.6	2.2	2.3	2.4
Q4	3.1	3.4	1.2	1.1	2.1	0.9	1.7	1.9	2.3
2020 Q1	0.9	1.2	-2.1	-2.1	-2.5	-2.1	2.5	3.1	3.4
Q2	-13.0	-11.1	-21.2	-21.4	-23.8	-22.2	10.6	10.5	13.1
Q3	-3.9	-2.5	-7.8	-7.9	-6.6	-8.0	3.8	4.3	5.8
Q4	-2.2	-1.6	-6.4	-6.4	-7.3	-7.2	4.4	4.4	5.1
2021 Q1	-0.6	0.4	-5.1	-5.1	-3.7	-5.4	5.3	4.8	5.8
Q2	18.3	16.8	24.2	24.3	28.2	24.3	-5.1	-4.7	-6.0
Q3	7.4	6.5	6.8	6.8	5.6	6.1	0.7	0.6	-0.2

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 National accounts aggregates¹

£ million

	Current prices					Chained Volume Measures (Reference year 2019)				
	Gross national income at market prices	Net income from abroad ²	Gross domestic product at market prices	less Basic price adjustment ³	Gross value added at basic prices	Gross domestic product at market prices	less Basic price adjustment ³	Gross value added at basic prices	Gross value added excluding oil & gas ^{4, 5}	
	ABMZ	CAES	YBHA	NTAP	ABML	ABMI	NTAO	ABMM	KLS2	
2018	2 143 850	-30 530	2 174 380	231 761	1 942 619	2 218 196	236 903	1 981 300	1 963 301	
2019	2 242 225	-13 058	2 255 283	237 939	2 017 344	2 255 283	237 939	2 017 344	1 999 160	
2020	2 121 181	-31 465	2 152 646	206 049	1 946 597	2 043 373	216 688	1 826 685	1 812 334	
Seasonally adjusted										
2019 Q2	560 165	-1 311	561 476	60 865	500 611	562 779	58 995	503 785	499 384	
Q3	562 616	-5 823	568 439	59 626	508 813	565 362	59 855	505 505	501 281	
Q4	564 482	-3 637	568 119	58 790	509 329	565 109	59 794	505 310	501 463	
2020 Q1	552 638	-9 580	562 218	57 797	504 421	550 205	58 182	492 023	488 319	
Q2	473 403	-15 179	488 582	43 458	445 124	443 193	47 158	396 035	392 249	
Q3	544 514	-1 989	546 503	50 513	495 990	521 073	55 274	465 799	462 313	
Q4	550 626	-4 717	555 343	54 281	501 062	528 902	56 074	472 828	469 453	
2021 Q1	557 775	-1 199	558 974	52 659	506 315	522 221	55 475	466 746	463 520	
Q2	572 547	-5 635	578 182	58 431	519 751	550 588	58 513	492 075	489 492	
Q3	580 080	-7 118	587 198	58 936	528 262	556 431	59 088	497 343	494 077	
Percentage change, latest year on previous year										
	KH74		IHYM		KGL6	IHYP		KGM7	KLH8	
2018	3.6		3.7		3.7	1.7		1.6	1.5	
2019	4.6		3.7		3.8	1.7		1.8	1.8	
2020	-5.4		-4.6		-3.5	-9.4		-9.5	-9.3	
Percentage change, latest quarter on previous quarter										
	KH75		IHYN		KGL8	IHYQ		KGM9		
2019 Q2	0.9		0.8		0.4	0.1		0.2	0.5	
Q3	0.4		1.2		1.6	0.5		0.3	0.4	
Q4	0.3		-0.1		0.1	-		-	-	
2020 Q1	-2.1		-1.0		-1.0	-2.6		-2.6	-2.6	
Q2	-14.3		-13.1		-11.8	-19.4		-19.5	-19.7	
Q3	15.0		11.9		11.4	17.6		17.6	17.9	
Q4	1.1		1.6		1.0	1.5		1.5	1.5	
2021 Q1	1.3		0.7		1.0	-1.3		-1.3	-1.3	
Q2	2.6		3.4		2.7	5.4		5.4	5.6	
Q3	1.3		1.6		1.6	1.1		1.1	0.9	
Percentage change, latest quarter on corresponding quarter of previous year										
	KH76		IHYO		KGM2	IHYR		KG3	KLH9	
2019 Q2	4.9		3.8		4.1	1.8		2.1	2.0	
Q3	4.3		4.0		4.1	1.6		1.6	1.9	
Q4	3.8		3.1		3.4	1.2		1.1	1.7	
2020 Q1	-0.4		0.9		1.2	-2.1		-2.1	-1.8	
Q2	-15.5		-13.0		-11.1	-21.2		-21.4	-21.5	
Q3	-3.2		-3.9		-2.5	-7.8		-7.9	-7.8	
Q4	-2.5		-2.2		-1.6	-6.4		-6.4	-6.4	
2021 Q1	0.9		-0.6		0.4	-5.1		-5.1	-5.1	
Q2	20.9		18.3		16.8	24.2		24.3	24.8	
Q3	6.5		7.4		6.5	6.8		6.8	6.9	

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

2 Includes employment, entrepreneurial and property income.

3 Taxes on products less subsidies.

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

5 Due to challenges in reconciling the quarterly trends with new annuals produced as part of Blue Book 2021 for the oil and gas sector, we have decided to only publish from 2006 onwards. As part of Blue Book 2022, we will continue this transformation and confront the challenges in the oil and gas industry. For more information please refer to the article Impact of Blue Book 2021 changes on quarterly and monthly volume estimates of gross domestic product by industry <https://www.ons.gov.uk/economy/grossdomesticproductgdp/articles/impactofbluebook2021changesonquarterlyandmonthlyvolumeestimatesofgrossdomesticproductbyindustry/2021-09-08>

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

2019 = 100

	Production						Service industries						Gross value added ⁴	Gross value added excluding oil & gas
	Agri-culture, forestry, and fishing	Mining & quarrying inc oil & gas extract	Manu-facturing	Electric, gas, steam & air	Water supply, sewerage	Total	Constru-ction	Distri-bution, hotels & restaura-nts	Transport storage and commu-nications	Business services and finance	Government and other services	Total		
2019 Weights³	7	11	99	15	12	137	64	134	102	338	219	792	1000	991
	L2KL	L2KR	L2KX	L2MW	L2N2	L2KQ	L2N8	L2PZ	KI8M	KI8O	KI8Q	L2NC	CGCE	KLH7
2018	86.3	98.7	97.0	88.6	100.5	96.6	100.2	99.4	94.9	99.8	97.5	98.5	98.2	98.2
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	91.0	81.0	91.0	97.8	98.3	91.6	84.0	84.9	90.5	94.8	89.7	91.2	90.5	90.7
Seasonally adjusted														
2019 Q2	95.0	97.2	99.6	100.9	101.0	99.6	103.0	100.1	100.2	99.6	99.6	99.7	99.9	99.9
Q3	105.9	94.4	99.8	100.0	100.3	99.5	99.3	100.2	100.6	100.5	100.4	100.4	100.2	100.3
Q4	108.2	87.3	99.9	104.9	99.2	99.4	97.4	99.8	100.1	100.3	101.3	100.5	100.2	100.3
2020 Q1	99.9	84.1	97.7	99.6	99.7	97.0	95.8	95.0	97.5	99.4	96.9	97.7	97.6	97.7
Q2	84.0	83.2	76.6	91.1	94.4	80.2	61.6	62.6	82.0	89.8	74.4	79.9	78.5	78.5
Q3	89.1	79.6	93.1	101.1	99.1	93.5	87.1	94.3	90.1	94.2	91.8	93.0	92.4	92.5
Q4	90.8	77.0	96.7	99.2	100.0	95.8	91.3	87.5	92.4	96.0	95.7	94.0	93.8	93.9
2021 Q1	88.4	74.2	96.1	101.1	102.1	95.5	93.0	81.4	91.8	97.1	92.8	92.6	92.5	92.7
Q2	91.2	62.4	97.8	103.8	102.6	96.1	96.4	98.7	94.2	97.4	102.2	98.5	97.6	97.9
Q3	91.5	76.2	97.1	96.3	104.6	96.0	95.4	102.1	96.6	98.1	102.9	99.9	98.6	98.9
Percentage change, latest year on previous year														
	L3BB	L3BH	L3BN	L3DM	L3DQ	L3BG	L3DW	L3GP	KI8L	KI8N	KI8P	L3E2	KGM7	KLH8
2018	-10.9	5.0	3.9	2.0	0.5	3.5	-2.0	-1.4	9.5	0.5	1.5	1.6	1.6	1.5
2019	15.9	1.3	3.1	12.9	-0.5	3.6	-0.1	0.6	5.4	0.2	2.6	1.6	1.8	1.8
2020	-9.0	-19.0	-9.0	-2.3	-1.7	-8.4	-16.1	-15.1	-9.5	-5.2	-10.3	-8.8	-9.5	-9.3
Percentage change, latest quarter on previous quarter														
													KGM9	
2019 Q2	4.5	-19.8	-1.1	7.1	1.5	-1.8	2.6	0.2	1.1	-0.1	0.9	0.3	0.2	0.5
Q3	11.5	-2.9	0.2	-0.9	-0.7	-0.1	-3.6	-	0.4	0.9	0.8	0.7	0.3	0.4
Q4	2.2	-7.5	0.1	4.9	-1.2	-0.1	-1.9	-0.4	-0.5	-0.2	0.9	0.1	-	-
2020 Q1	-7.7	-3.7	-2.2	-5.1	0.6	-2.4	-1.6	-4.7	-2.6	-0.9	-4.3	-2.7	-2.6	-2.6
Q2	-15.9	-1.0	-21.7	-8.5	-5.3	-17.3	-35.7	-34.1	-15.9	-9.6	-23.2	-18.2	-19.5	-19.7
Q3	6.1	-4.3	21.7	11.0	4.9	16.5	41.4	50.7	9.9	4.9	23.4	16.4	17.6	17.9
Q4	1.9	-3.2	3.8	-1.8	0.9	2.4	4.8	-7.2	2.5	2.0	4.3	1.1	1.5	1.5
2021 Q1	-2.6	-3.7	-0.6	1.9	2.2	-0.3	1.9	-7.1	-0.6	1.1	-3.1	-1.6	-1.3	-1.3
Q2	3.1	-16.0	1.8	2.7	0.4	0.7	3.6	21.3	2.6	0.4	10.2	6.4	5.4	5.6
Q3	0.3	22.2	-0.7	-7.3	2.0	-0.1	-1.0	3.4	2.5	0.7	0.6	1.4	1.1	0.9
Percentage change, latest quarter on corresponding quarter of previous year														
	L3ZZ	L427	L42D	L44C	L44G	L426	L44M	L47F	KI12	KI19	KI18	L44Q	KGN3	KLH9
2019 Q2	4.9	9.9	2.8	17.9	0.3	4.5	3.0	0.7	6.0	-0.1	2.5	1.5	2.1	2.0
Q3	18.4	-18.8	2.2	12.9	-1.0	1.3	-1.3	0.6	4.6	0.7	2.9	1.8	1.6	1.9
Q4	26.6	-37.0	2.4	15.9	-0.8	-0.5	-2.8	0.4	2.5	0.4	3.3	1.5	1.1	1.7
2020 Q1	9.9	-30.7	-3.0	5.7	0.2	-4.3	-4.6	-4.9	-1.7	-0.3	-1.9	-1.7	-2.1	-1.8
Q2	-11.6	-14.4	-23.1	-9.7	-6.5	-19.5	-40.2	-37.5	-18.2	-9.8	-25.3	-19.9	-21.4	-21.5
Q3	-15.8	-15.6	-6.7	1.1	-1.2	-6.1	-12.3	-5.8	-10.4	-6.3	-8.5	-7.3	-7.9	-7.8
Q4	-16.0	-11.7	-3.2	-5.4	0.9	-3.7	-6.3	-12.2	-7.6	-4.3	-5.5	-6.4	-6.4	-6.4
2021 Q1	-11.4	-11.7	-1.7	1.5	2.5	-1.6	-2.9	-14.4	-5.8	-2.3	-4.3	-5.3	-5.1	-5.1
Q2	8.6	-25.0	27.8	14.0	8.6	19.8	56.5	57.6	14.9	8.5	37.4	23.3	24.3	24.8
Q3	2.6	-4.2	4.3	-4.8	5.6	2.8	9.6	8.2	7.2	4.2	12.1	7.4	6.8	6.9

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}

2019 = 100

Service industries											
	Wholesale and retail trade	Transport storage and communications	Accommodation & food services	Financial and insurance activities	Real estate	Professional scientific admin & support	Public admin, defence, social security	Education	Health and social work	Other services ⁴	Total services
2019 Weights³	105	102	29	82	131	125	48	59	76	35	792
	L2NE	KI8M	L2NQ	L2O6	L2OC	L2OH	L2P8	L2PA	L2PC	L2Q5	L2NC
2018	100.2	94.9	96.7	101.6	98.8	99.7	96.6	95.1	99.2	99.3	98.5
2019	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2020	92.4	90.5	57.6	96.5	99.1	89.5	102.5	81.9	93.5	77.3	91.2
Seasonally adjusted											
2019 Q2	100.1	100.2	99.8	99.5	100.0	99.2	99.6	99.6	99.8	99.0	99.7
Q3	100.0	100.6	100.2	100.7	100.1	100.7	100.3	100.3	100.5	100.3	100.4
Q4	99.7	100.1	100.6	99.7	100.2	100.9	101.2	102.0	100.5	101.6	100.5
2020 Q1	96.0	97.5	91.4	98.5	100.4	98.9	101.7	89.1	100.9	95.9	97.7
Q2	76.0	82.0	14.3	93.3	98.1	79.1	102.4	54.5	79.0	59.2	79.9
Q3	99.8	90.1	74.0	96.4	98.8	88.1	102.9	88.3	94.3	77.5	93.0
Q4	97.7	92.4	50.8	97.8	99.1	91.8	103.1	95.7	99.8	76.8	94.0
2021 Q1	92.4	91.8	41.8	99.9	99.6	92.8	103.7	78.0	104.8	76.5	92.6
Q2	103.8	94.2	79.6	98.4	99.1	95.1	104.1	97.0	113.0	85.3	98.5
Q3	101.3	96.6	104.1	98.7	99.0	96.9	104.3	98.6	111.6	90.1	99.9
Percentage change, latest year on previous year											
	L3E4	KI8L	L3EG	L3EU	L3F2	L3F7	L3FW	L3FY	L3G2	L3GT	L3E2
2018	-1.4	9.5	-1.1	-0.5	1.7	-	1.1	5.1	-1.4	2.3	1.6
2019	-0.2	5.4	3.4	-1.6	1.2	0.3	3.5	5.2	0.8	0.7	1.6
2020	-7.7	-9.5	-42.4	-3.5	-0.9	-10.5	2.5	-18.1	-6.5	-22.7	-8.8
Percentage change, latest quarter on previous quarter											
2019 Q2	-0.1	1.1	0.4	-0.7	0.3	-	0.7	1.6	0.6	-	0.3
Q3	-0.1	0.4	0.4	1.2	0.1	1.5	0.7	0.7	0.7	1.3	0.7
Q4	-0.4	-0.5	0.5	-1.0	0.1	0.2	0.9	1.7	-	1.3	0.1
2020 Q1	-3.7	-2.6	-9.2	-1.2	0.2	-2.0	0.4	-12.7	0.4	-5.7	-2.7
Q2	-20.9	-15.9	-84.3	-5.2	-2.4	-20.0	0.7	-38.8	-21.7	-38.2	-18.2
Q3	31.3	9.9	416.0	3.3	0.8	11.4	0.5	62.1	19.4	30.8	16.4
Q4	-2.1	2.5	-31.4	1.5	0.2	4.2	0.3	8.4	5.9	-0.9	1.1
2021 Q1	-5.4	-0.6	-17.7	2.0	0.5	1.1	0.5	-18.5	5.0	-0.4	-1.6
Q2	12.4	2.6	90.6	-1.4	-0.4	2.4	0.4	24.4	7.8	11.5	6.4
Q3	-2.4	2.5	30.7	0.3	-0.1	1.9	0.3	1.6	-1.3	5.6	1.4
Percentage change, latest quarter on corresponding quarter of the previous year											
	L44S	KI12	L456	L45K	L45Q	L45V	L46M	L46O	L46Q	L47J	L44Q
2019 Q2	-0.1	6.0	3.5	-2.3	1.7	-0.4	3.8	5.3	0.9	-0.8	1.5
Q3	-0.3	4.6	3.7	-0.7	1.1	1.2	3.3	5.2	1.8	0.8	1.8
Q4	-0.2	2.5	3.0	-1.1	0.8	1.3	4.1	5.1	1.7	2.7	1.5
2020 Q1	-4.2	-1.7	-8.1	-1.7	0.7	-0.3	2.8	-9.2	1.7	-3.2	-1.7
Q2	-24.1	-18.2	-85.6	-6.2	-1.9	-20.2	2.8	-45.3	-20.9	-40.2	-19.9
Q3	-0.3	-10.4	-26.1	-4.3	-1.2	-12.5	2.5	-12.0	-6.2	-22.8	-7.3
Q4	-2.0	-7.6	-49.5	-1.8	-1.1	-9.0	1.9	-6.2	-0.6	-24.5	-6.4
2021 Q1	-3.8	-5.8	-54.3	1.4	-0.8	-6.1	2.0	-12.4	3.9	-20.2	-5.3
Q2	36.6	14.9	454.8	5.5	1.1	20.1	1.7	78.2	43.1	44.0	23.3
Q3	1.5	7.2	40.6	2.5	0.2	10.0	1.5	11.8	18.4	16.3	7.4

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

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

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

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

C1 Gross domestic product: expenditure at current market prices¹

£ million

National expenditure on goods and services at market prices															
Final consumption expenditure						Gross capital formation						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	Of which changes in inventories ⁴	Of which alignment adjustments	Acquisitions less disposals of valuables ⁵	Total	Total exports	Gross final expenditure	less imports	Trade balance ⁶	GIXM		YBHA
ABJQ	HAYE	NMRP	NPQS	NPEK	CAEX	DMUN	NPJQ	YBIL	IKBH	ABMF	IKBI	IKBJ	GIXM	YBHA	
2018	1 359 732	52 577	399 044	386 464	217 284	2 035	–	2 826 202	678 663	2 866 003	691 623	–28 298	–	2 174 380	
2019	1 394 457	54 620	424 006	399 609	225 865	6 509	–	–3 230 275	971 699	2 975 221	719 938	–20 688	–	2 255 283	
2020	1 257 475	55 490	481 056	368 236	203 809	–9 461	–	700 215	496 605	342 275	838 602	2 859	–3 709	2 152 646	
Seasonally adjusted															
2019 Q2	350 179	13 549	103 410	99 301	56 356	2 871	1 811	567	569 877	167 336	737 213	175 737	–8 401	–	561 476
Q3	350 228	13 749	107 365	100 917	57 236	–1 989	454	–79	570 191	177 029	747 220	178 781	–1 752	–	568 439
Q4	347 890	13 942	109 568	99 578	56 777	–806	–1 975	–14 670	555 502	186 333	741 835	173 716	12 617	–	568 119
2020 Q1	341 445	13 934	108 231	98 036	55 514	–2 186	794	808	560 268	163 325	723 593	162 194	1 131	819	562 218
Q2	271 455	13 778	123 439	79 872	45 871	–4 518	–3 127	–8 297	475 729	142 194	617 923	125 887	16 307	–3 454	488 582
Q3	325 069	13 859	123 715	93 326	50 061	–6 614	765	–542	548 813	144 394	693 207	145 692	–1 298	–1 012	546 503
Q4	319 506	13 919	125 671	97 002	52 363	3 857	1 568	8 731	568 686	155 429	724 115	168 710	–13 281	–62	555 343
2021 Q1	311 349	14 113	131 060	97 030	48 908	2 846	–25	8 517	564 915	145 912	710 827	152 284	–6 372	431	558 974
Q2	340 481	14 150	128 540	98 817	52 875	–1 047	–2 776	–181	580 760	157 065	737 825	160 078	–3 013	435	578 182
Q3	351 814	14 218	130 751	98 278	51 603	842	3 045	1 807	597 710	152 941	750 651	163 890	–10 949	437	587 198
Percentage change, latest year on previous year															
	KG77	KGZ8	KH2C	KG6O	KG6N			KGX3	KH2O	KG7V	KH3H			IHYM	
2018	4.2	10.6	2.7	2.3	0.2			3.7	5.3	4.1	5.3			3.7	
2019	2.6	3.9	6.3	3.4	3.9			3.3	5.4	3.8	4.1			3.7	
2020	–9.8	1.6	13.5	–7.9	–9.8			–5.4	–13.4	–7.3	–16.3			–4.6	
Percentage change, latest quarter on previous quarter															
	KG78	KGZ9	KH2D	KG6W	KG6V			KGX4	KH2P	KG78	KH3I			IHYN	
2019 Q2	1.2	1.3	–0.2	–0.5	1.5			–1.8	–0.7	–1.6	–8.3			0.8	
Q3	–	1.5	3.8	1.6	1.6			0.1	5.8	1.4	1.7			1.2	
Q4	–0.7	1.4	2.1	–1.3	–0.8			–2.6	5.3	–0.7	–2.8			–0.1	
2020 Q1	–1.9	–0.1	–1.2	–1.5	–2.2			0.9	–12.3	–2.5	–6.6			–1.0	
Q2	–20.5	–1.1	14.1	–18.5	–17.4			–15.1	–12.9	–14.6	–22.4			–13.1	
Q3	19.8	0.6	0.2	16.8	9.1			15.4	1.5	12.2	15.7			11.9	
Q4	–1.7	0.4	1.6	3.9	4.6			3.6	7.6	4.5	15.8			1.6	
2021 Q1	–2.6	1.4	4.3	–	–6.6			–0.7	–6.1	–1.8	–9.7			0.7	
Q2	9.4	0.3	–1.9	1.8	8.1			2.8	7.6	3.8	5.1			3.4	
Q3	3.3	0.5	1.7	–0.5	–2.4			2.9	–2.6	1.7	2.4			1.6	
Percentage change, latest quarter on corresponding quarter of previous year															
	KG79	KH22	KH2E	KG76	KG75			KGX5	KH2Q	KG79	KH3J			IHYO	
2019 Q2	3.7	5.7	5.4	3.3	4.1			3.9	2.0	3.5	2.5			3.8	
Q3	2.7	3.3	7.3	3.8	6.2			3.3	5.6	3.8	3.3			4.0	
Q4	0.8	–0.1	7.5	2.2	4.4			–0.8	9.6	1.6	–3.0			3.1	
2020 Q1	–1.4	4.1	4.4	–1.8	–			–3.5	–3.1	–3.4	–15.4			0.9	
Q2	–22.5	1.7	19.4	–19.6	–18.6			–16.5	–15.0	–16.2	–28.4			–13.0	
Q3	–7.2	0.8	15.2	–7.5	–12.5			–3.7	–18.4	–7.2	–18.5			–3.9	
Q4	–8.2	–0.2	14.7	–2.6	–7.8			2.4	–16.6	–2.4	–2.9			–2.2	
2021 Q1	–8.8	1.3	21.1	–1.0	–11.9			0.8	–10.7	–1.8	–6.1			–0.6	
Q2	25.4	2.7	4.1	23.7	15.3			22.1	10.5	19.4	27.2			18.3	
Q3	8.2	2.6	5.7	5.3	3.1			8.9	5.9	8.3	12.5			7.4	

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

2 Non-profit institutions serving households.

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

4 Quarterly alignment adjustment included in this series.

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

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

7 There is a small difference between the gross operating surplus of the Non-profit Institutions Serving households (NPISH) sector in the Table 6.3.3 of the UK Economic Accounts dataset, compared with the consumption of fixed capital for the NPISH sector published in the GDP release. This affects 2020Q1 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 2019, £ 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, 8}	General government	Gross fixed capital formation	Of which business investment ^{3, 7}	Of which changes in inventories ⁴	Of which alignment adjustments	Acquisitions less disposals of valuables ⁵	Total	Total exports	Gross final expenditure	less imports	Total	Trade balance ⁶	GIXS	ABMI	
ABJR	HAYO	NMRY	NPQT	NPEL	CAFU	DMUM	NPJR	YBIM	IKBK	ABMG	IKBL	IKBM	GIXS	ABMI		
2018	1 377 461	53 512	406 903	397 436	223 763	1 798	–	3 076 224	057 676	529 291	608 699	468	–22 939	–	2 218 196	
2019	1 394 457	54 620	424 006	399 609	225 865	6 509	–	–3 230 275	971 699	250 297	221 719	938	–20 688	–	2 255 283	
2020	1 248 108	49 189	401 193	361 922	200 214	–9 477	–	–726 205	209 601	804 265	013 605	285	–3 481	–3 355	2 043 373	
Seasonally adjusted																
2019 Q2	350 422	13 784	105 195	99 274	56 190	682	1 813	112	570 993	167 007	738 008	175 259	–8 252	–	562 779	
Q3	349 391	13 692	105 255	100 453	56 853	–518	449	–1 059	565 858	175 700	741 557	176 218	–518	–	565 362	
Q4	347 126	13 600	107 960	99 004	56 698	–626	–1 967	–14 656	552 871	186 596	739 452	174 375	12 221	–	565 109	
2020 Q1	337 725	13 040	105 648	96 567	55 234	–1 797	739	772	551 955	161 170	713 125	163 722	–2 552	802	550 205	
Q2	270 012	10 602	86 758	78 830	44 940	–7 944	–2 875	–7 094	431 164	142 877	574 041	127 715	15 162	–3 133	443 193	
Q3	322 839	12 521	102 475	91 553	48 807	–4 018	683	–586	524 784	143 891	668 675	146 637	–2 746	–965	521 073	
Q4	317 532	13 026	106 312	94 972	51 233	4 282	1 453	6 182	542 306	153 866	696 172	167 211	–13 345	–59	528 902	
2021 Q1	305 804	12 225	108 181	93 894	47 388	1 980	–44	6 287	528 371	142 707	671 078	149 260	–6 553	403	522 221	
Q2	330 844	13 303	117 128	96 056	51 341	–2 214	–2 655	–664	554 453	152 202	706 655	156 481	–4 279	414	550 588	
Q3	339 794	13 567	116 494	95 146	50 062	546	2 880	1 926	567 473	146 822	714 295	158 278	–11 456	414	556 431	
Percentage change, latest year on previous year																
2018	KGZ5	KH26	KH2I	KG7N	KG7M			KGX9	KH2U	KGW5	KH3N				IHP	
2019	2.1	9.0	0.4	–0.1	–2.0			1.8	2.8	2.0	3.1				1.7	
2020	–10.5	–9.9	–5.4	–9.4	–11.4			1.6	3.4	2.0	2.9				1.7	
2020	–10.5	–9.9	–5.4	–9.4	–11.4			–9.9	–13.9	–10.9	–15.9				–9.4	
Percentage change, latest quarter on previous quarter																
2019 Q2	KGZ6	KH27	KH2J	KG7Q	KG7P			KGY2	KH2V	KGW6	KH3O				IHYQ	
Q3	0.8	1.8	–0.4	–1.6	0.1			–2.6	–1.7	–2.4	–9.7				0.1	
Q4	–0.3	–0.7	0.1	1.2	1.2			–0.9	5.2	0.5	0.5				0.5	
2020 Q1	–0.6	–0.7	2.6	–1.4	–0.3			–2.3	6.2	–0.3	–1.0				–	
2020 Q1	–2.7	–4.1	–2.1	–2.5	–2.6			–0.2	–13.6	–3.6	–6.1				–2.6	
Q2	–20.0	–18.7	–17.9	–18.4	–18.6			–21.9	–11.4	–19.5	–22.0				–19.4	
Q3	19.6	18.1	18.1	16.1	8.6			21.7	0.7	16.5	14.8				17.6	
Q4	–1.6	4.0	3.7	3.7	5.0			3.3	6.9	4.1	14.0				1.5	
2021 Q1	–3.7	–6.1	1.8	–1.1	–7.5			–2.6	–7.3	–3.6	–10.7				–1.3	
Q2	8.2	8.8	8.3	2.3	8.3			4.9	6.7	5.3	4.8				5.4	
Q3	2.7	2.0	–0.5	–0.9	–2.5			2.3	–3.5	1.1	1.1				1.1	
Percentage change, latest quarter on corresponding quarter of previous year																
2019 Q2	KGZ7	KH28	KH2K	KG7T	KG7S			KGY3	KH2W	KGW7	KH3P				IHYR	
Q3	2.3	4.7	3.7	–0.1	0.2			2.1	–0.3	1.5	0.9				1.8	
Q4	1.2	1.3	3.5	0.6	2.5			1.0	3.6	1.6	1.7				1.6	
2020 Q1	–0.1	–2.8	5.4	–0.1	2.7			–2.5	9.1	0.2	–2.8				1.2	
2020 Q1	–2.8	–3.7	–	–4.3	–1.6			–5.8	–5.2	–5.7	–15.6				–2.1	
Q2	–22.9	–23.1	–17.5	–20.6	–20.0			–24.5	–14.4	–22.2	–27.1				–21.2	
Q3	–7.6	–8.6	–2.6	–8.9	–14.2			–7.3	–18.1	–9.8	–16.8				–7.8	
Q4	–8.5	–4.2	–1.5	–4.1	–9.6			–1.9	–17.5	–5.9	–4.1				–6.4	
2021 Q1	–9.5	–6.2	2.4	–2.8	–14.2			–4.3	–11.5	–5.9	–8.8				–5.1	
Q2	22.5	25.5	35.0	21.9	14.2			28.6	6.5	23.1	22.5				24.2	
Q3	5.3	8.4	13.7	3.9	2.6			8.1	2.0	6.8	7.9				6.8	

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 Whilst quality assuring the business investment dataset, a discrepancy was found where annual Non-Seasonally Adjusted CVM data does not equal annual Seasonally Adjusted CVM data for the years 1997 to 2019. The issue affects Business Investment and its component assets. The largest difference in any given year is -£9m in business investment and -£13m in the sub-components. The correct data series to use for the annual timeline is the Non-Seasonally Adjusted series, NPEN.

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

D Gross domestic product by category of income: current prices¹

£ million

	Compensation of employees			Gross operating surplus of corporations						Gross value added at factor cost	Taxes on products & production less subsidies	Statistical discrepancy (income)	Gross domestic product at market prices
	Wages and Salaries	Employers social contributions	Total	Private non-financial corporations ²	Of which alignment adjustment	Financial corporations	Public corporations	Total ³	Other income ⁴				
	DTWL	DTWP	DTWM	CAER	DMUQ	NHCZ	CAEQ	CGBZ	CGBX	CGCB	CMVL	GIXQ	YBHA
2018	865 931	181 546	1 047 477	382 670	–	84 595	11 012	478 277	389 921	1 915 675	258 705	–	2 174 380
2019	897 701	199 544	1 097 245	401 012	–	81 541	11 383	493 936	399 261	1 990 442	264 841	–	2 255 283
2020	916 264	212 913	1 129 177	396 829	–	81 647	11 186	489 662	392 269	2 011 108	132 985	8 553	2 152 646
Seasonally adjusted													
2019 Q2	223 921	49 640	273 561	97 344	1 266	19 564	2 891	119 799	100 058	493 418	68 058	–	561 476
Q3	225 639	50 888	276 527	104 043	1 468	19 442	2 955	126 440	99 178	502 145	66 294	–	568 439
Q4	226 122	52 043	278 165	100 101	–1 949	21 484	2 904	124 489	100 004	502 658	65 461	–	568 119
2020 Q1	228 080	52 554	280 634	98 180	–2 049	20 696	2 736	121 612	99 060	501 306	61 895	–983	562 218
Q2	221 851	51 392	273 243	94 308	1 760	19 488	2 593	116 389	96 717	486 349	–2 778	5 011	488 582
Q3	229 962	53 949	283 911	103 857	1 554	19 848	2 959	126 664	98 625	509 200	34 526	2 777	546 503
Q4	236 371	55 018	291 389	100 484	–1 265	21 615	2 898	124 997	97 867	514 253	39 342	1 748	555 343
2021 Q1	238 808	53 831	292 639	105 650	2 991	21 511	2 913	130 074	99 448	522 161	35 015	1 798	558 974
Q2	243 202	55 148	298 350	103 995	91	21 695	3 205	128 895	101 027	528 272	48 035	1 875	578 182
Q3	247 061	55 935	302 996	100 193	–3 959	21 826	2 600	124 619	100 972	528 587	56 700	1 911	587 198
Percentage change, latest year on previous year													
	CWNH	CWNE	KGI3	KH59		KH5L	KH53	KH4V	KH6T	KH6N	KH65		IHYM
2018	4.4	2.4	4.1	3.6		4.2	–34.3	2.3	4.8	3.8	3.0		3.7
2019	3.7	9.9	4.8	4.8		–3.6	3.4	3.3	2.4	3.9	2.4		3.7
2020	2.1	6.7	2.9	–1.0		0.1	–1.7	–0.9	–1.8	1.0	–49.8		–4.6
Percentage change, latest quarter on previous quarter													
	CWNI	CWNF	KGI4	KH5A		KH5M	KH54	KH4W	KH6U	KH6O	KH66		IHYN
2019 Q2	0.9	5.7	1.7	–2.2		–7.1	9.8	–2.8	–	0.2	4.7		0.8
Q3	0.8	2.5	1.1	6.9		–0.6	2.2	5.5	–0.9	1.8	–2.6		1.2
Q4	0.2	2.3	0.6	–3.8		10.5	–1.7	–1.5	0.8	0.1	–1.3		–0.1
2020 Q1	0.9	1.0	0.9	–1.9		–3.7	–5.8	–2.3	–0.9	–0.3	–5.4		–1.0
Q2	–2.7	–2.2	–2.6	–3.9		–5.8	–5.2	–4.3	–2.4	–3.0	–104.5		–13.1
Q3	3.7	5.0	3.9	10.1		1.8	14.1	8.8	2.0	4.7	–1 342.8		11.9
Q4	2.8	2.0	2.6	–3.2		8.9	–2.1	–1.3	–0.8	1.0	13.9		1.6
2021 Q1	1.0	–2.2	0.4	5.1		–0.5	0.5	4.1	1.6	1.5	–11.0		0.7
Q2	1.8	2.4	2.0	–1.6		0.9	10.0	–0.9	1.6	1.2	37.2		3.4
Q3	1.6	1.4	1.6	–3.7		0.6	–18.9	–3.3	–0.1	0.1	18.0		1.6
Percentage change, latest quarter on corresponding quarter of previous year													
	CWNJ	CWNG	KGI5	KH5B		KH5N	KH55	KH4X	KH6V	KH6P	KH67		IHYO
2019 Q2	4.9	11.5	6.0	4.1		–13.6	1.1	0.7	3.0	4.1	1.9		3.8
Q3	3.6	10.8	4.9	5.9		–0.8	8.0	4.9	1.4	4.2	2.4		4.0
Q4	2.2	9.7	3.5	6.4		1.5	10.6	5.6	0.7	3.4	1.0		3.1
2020 Q1	2.7	11.9	4.3	–1.4		–1.7	3.9	–1.3	–1.0	1.8	–4.8		0.9
Q2	–0.9	3.5	–0.1	–3.1		–0.4	–10.3	–2.8	–3.3	–1.4	–104.1		–13.0
Q3	1.9	6.0	2.7	–0.2		2.1	0.1	0.2	–0.6	1.4	–47.9		–3.9
Q4	4.5	5.7	4.8	0.4		0.6	–0.2	0.4	–2.1	2.3	–39.9		–2.2
2021 Q1	4.7	2.4	4.3	7.6		3.9	6.5	7.0	0.4	4.2	–43.4		–0.6
Q2	9.6	7.3	9.2	10.3		11.3	23.6	10.7	4.5	8.6	–1 829.1		18.3
Q3	7.4	3.7	6.7	–3.5		10.0	–12.1	–1.6	2.4	3.8	64.2		7.4

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

2 Quarterly alignment adjustment included in this series.

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

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

E1 Household final consumption expenditure by purpose

Current prices

£ million

UK NATIONAL ²															
UK DOMESTIC ³															
COICOP ¹	Total	Net tourism	Total	Food & drink	Alcohol & tobacco	Clothing & footwear	Housing	Household goods & services	Health	Transport	Communication	Recreation & culture	Education	Restaurants & hotels	Miscellaneous
				01	02	03	04	05	06	07	08	09	10	11	12
	ABJQ	ABTF	ZAKV	ZWUM	ZAKX	ZAKZ	ZAVN	ZAVV	ZAWB	ZAWL	ZAWV	ZAWZ	ZWUS	ZAXR	ZAYF
2018	1 359 732	17 054	1 342 678	105 728	45 963	67 660	346 448	64 049	23 894	185 196	28 141	138 060	30 013	132 771	174 755
2019	1 394 457	15 366	1 379 091	109 843	46 554	69 743	351 482	68 911	23 850	192 803	27 967	143 856	31 354	137 548	175 180
2020	1 257 475	6 330	1 251 145	119 819	53 287	60 204	357 122	74 498	22 073	134 129	26 623	132 188	33 010	79 690	158 502
Seasonally adjusted															
2019 Q2	350 179	4 095	346 084	27 245	11 583	17 690	88 368	17 779	6 035	48 378	7 120	36 148	7 775	34 471	43 492
Q3	350 228	4 575	345 653	27 588	11 660	17 635	87 811	17 208	5 909	48 288	7 048	36 112	7 896	34 729	43 769
Q4	347 890	2 780	345 110	27 980	11 662	17 065	88 002	16 695	5 761	48 814	6 723	36 360	8 019	34 269	43 760
2020 Q1	341 445	4 012	337 433	29 771	12 017	15 508	88 867	17 775	6 019	44 081	6 682	36 516	8 196	30 260	41 741
Q2	271 455	6	271 449	30 486	13 853	12 739	88 905	17 211	4 451	19 171	6 509	28 892	8 127	5 668	35 437
Q3	325 069	1 028	324 041	29 849	13 704	15 836	89 513	19 918	5 505	36 944	6 833	32 824	8 252	23 894	40 969
Q4	319 506	1 284	318 222	29 713	13 713	16 121	89 837	19 594	6 098	33 933	6 599	33 956	8 435	19 868	40 355
2021 Q1	311 349	1 044	310 305	31 058	13 410	14 956	90 836	19 352	5 672	29 184	6 530	34 333	8 614	16 589	39 771
Q2	340 481	885	339 596	29 870	13 582	17 783	91 831	21 686	5 988	37 193	6 832	35 798	8 796	26 500	43 737
Q3	351 814	153	351 661	29 267	13 188	16 640	91 674	20 237	6 149	41 730	6 789	36 823	8 933	35 849	44 382
Percentage change, latest year on previous year															
	KG7		KG6U	KG9N	KG6F	KG9F	KG7G	KG5H	KG6I	KG4J	KG2K	KG8K	KG2B	KG6C	KG2E
2018	4.2		3.9	3.6	4.5	2.7	3.0	2.9	1.9	7.6	-1.7	3.2	-0.2	2.5	6.4
2019	2.6		2.7	3.9	1.3	3.1	1.5	7.6	-0.2	4.1	-0.6	4.2	4.5	3.6	0.2
2020	-9.8		-9.3	9.1	14.5	-13.7	1.6	8.1	-7.5	-30.4	-4.8	-8.1	5.3	-42.1	-9.5
Percentage change, latest quarter on previous quarter															
	KG8		KG74	KG9R	KG4F	KG2G	KG8G	KG6H	KG7I	KG5J	KG3K	KG9K	KG3B	KG7C	KG3E
2019 Q2	1.2		1.1	0.8	-0.6	1.9	1.2	3.2	-1.8	2.2	0.6	2.6	1.4	1.2	-1.5
Q3	-		-0.1	1.3	0.7	-0.3	-0.6	-3.2	-2.1	-0.2	-1.0	-0.1	1.6	0.7	0.6
Q4	-0.7		-0.2	1.4	-	-3.2	0.2	-3.0	-2.5	1.1	-4.6	0.7	1.6	-1.3	-
2020 Q1	-1.9		-2.2	6.4	3.0	-9.1	1.0	6.5	4.5	-9.7	-0.6	0.4	2.2	-11.7	-4.6
Q2	-20.5		-19.6	2.4	15.3	-17.9	-	-3.2	-26.1	-56.5	-2.6	-20.9	-0.8	-81.3	-15.1
Q3	19.8		19.4	-2.1	-1.1	24.3	0.7	15.7	23.7	92.7	5.0	13.6	1.5	321.6	15.6
Q4	-1.7		-1.8	-0.5	0.1	1.8	0.4	-1.6	10.8	-8.2	-3.4	3.4	2.2	-16.8	-1.5
2021 Q1	-2.6		-2.5	4.5	-2.2	-7.2	1.1	-1.2	-7.0	-14.0	-1.0	1.1	2.1	-16.5	-1.4
Q2	9.4		9.4	-3.8	1.3	18.9	1.1	12.1	5.6	27.4	4.6	4.3	2.1	59.7	10.0
Q3	3.3		3.6	-2.0	-2.9	-6.4	-0.2	-6.7	2.7	12.2	-0.6	2.9	1.6	35.3	1.5
Percentage change, latest quarter on corresponding quarter of previous year															
	KG9		KG7C	KG9V	KG5F	KG3G	KG9G	KG7H	KG8I	KG6J	KG4K	KG2L	KG4B	KG8C	KG4E
2019 Q2	3.7		3.9	4.8	0.2	5.5	2.8	14.4	0.6	4.3	3.2	6.0	4.0	4.5	0.3
Q3	2.7		2.7	3.6	0.7	3.7	1.2	5.1	-1.5	5.0	0.9	5.1	5.4	4.6	-1.1
Q4	0.8		1.2	3.5	0.7	0.1	0.9	1.9	-5.2	3.7	-4.7	3.2	6.1	1.0	-2.2
2020 Q1	-1.4		-1.4	10.1	3.2	-10.6	1.8	3.2	-2.1	-6.9	-5.6	3.6	6.9	-11.2	-5.5
Q2	-22.5		-21.6	11.9	19.6	-28.0	0.6	-3.2	-26.2	-60.4	-8.6	-20.1	4.5	-83.6	-18.5
Q3	-7.2		-6.3	8.2	17.5	-10.2	1.9	15.7	-6.8	-23.5	-3.1	-9.1	4.5	-31.2	-6.4
Q4	-8.2		-7.8	6.2	17.6	-5.5	2.1	17.4	5.8	-30.5	-1.8	-6.6	5.2	-42.0	-7.8
2021 Q1	-8.8		-8.0	4.3	11.6	-3.6	2.2	8.9	-5.8	-33.8	-2.3	-6.0	5.1	-45.2	-4.7
Q2	25.4		25.1	-2.0	-2.0	39.6	3.3	26.0	34.5	94.0	5.0	23.9	8.2	367.5	23.4
Q3	8.2		8.5	-1.9	-3.8	5.1	2.4	1.6	11.7	13.0	-0.6	12.2	8.3	50.0	8.3

1 ESA 10 Classification of Individual Consumption by Purpose.

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

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

E2 Household final consumption expenditure (goods and services) Current prices

£ million

		UK NATIONAL ²							
		UK DOMESTIC ³							
				Goods					
		Total	Net tourism	Total	Total	Durable goods	Semi- durable goods	Non- durable goods	Services
COICOP ¹					D	SD	ND	S	
	ABJQ	ABTF	ZAKV	UTIF	UTIB	UTIR	UTIJ	UTIN	
2018	1 359 732	17 054	1 342 678	545 256	132 690	124 041	288 525	797 422	
2019	1 394 457	15 366	1 379 091	566 671	142 409	129 798	294 464	812 420	
2020	1 257 475	6 330	1 251 145	563 803	132 357	125 500	305 946	687 342	
Seasonally adjusted									
2019 Q2	350 179	4 095	346 084	143 376	36 495	32 809	74 072	202 708	
Q3	350 228	4 575	345 653	142 143	35 884	32 821	73 438	203 510	
Q4	347 890	2 780	345 110	140 866	34 735	32 134	73 997	204 244	
2020 Q1	341 445	4 012	337 433	140 419	31 764	31 330	77 325	197 014	
Q2	271 455	6	271 449	127 489	25 880	27 311	74 298	143 960	
Q3	325 069	1 028	324 041	149 630	38 920	33 157	77 553	174 411	
Q4	319 506	1 284	318 222	146 265	35 793	33 702	76 770	171 957	
2021 Q1	311 349	1 044	310 305	142 408	31 962	32 502	77 944	167 897	
Q2	340 481	885	339 596	154 930	38 245	36 976	79 709	184 666	
Q3	351 814	153	351 661	150 770	37 556	34 724	78 490	200 891	
Percentage change, latest year on previous year									
2018	KG77		KG6U	KHC9	KHB5	KHH5	KHE5	KHF9	
	4.2		3.9	4.2	3.0	1.9	5.8	3.7	
2019	2.6		2.7	3.9	7.3	4.6	2.1	1.9	
2020	-9.8		-9.3	-0.5	-7.1	-3.3	3.9	-15.4	
Percentage change, latest quarter on previous quarter									
2019 Q2	KG78		KG74	KHD2	KHB6	KHH6	KHE6	KHG2	
	1.2		1.1	2.2	3.4	2.4	1.5	0.4	
Q3	-		-0.1	-0.9	-1.7	-	-0.9	0.4	
Q4	-0.7		-0.2	-0.9	-3.2	-2.1	0.8	0.4	
2020 Q1	-1.9		-2.2	-0.3	-8.6	-2.5	4.5	-3.5	
Q2	-20.5		-19.6	-9.2	-18.5	-12.8	-3.9	-26.9	
Q3	19.8		19.4	17.4	50.4	21.4	4.4	21.2	
Q4	-1.7		-1.8	-2.2	-8.0	1.6	-1.0	-1.4	
2021 Q1	-2.6		-2.5	-2.6	-10.7	-3.6	1.5	-2.4	
Q2	9.4		9.4	8.8	19.7	13.8	2.3	10.0	
Q3	3.3		3.6	-2.7	-1.8	-6.1	-1.5	8.8	
Percentage change, latest quarter on corresponding quarter of previous year									
2019 Q2	KG79		KG7C	KHD3	KHB7	KHH7	KHE7	KHG3	
	3.7		3.9	6.6	11.5	8.1	3.8	2.1	
Q3	2.7		2.7	4.3	9.2	6.4	1.1	1.6	
Q4	0.8		1.2	1.1	1.3	0.9	1.1	1.3	
2020 Q1	-1.4		-1.4	0.1	-10.0	-2.2	6.0	-2.4	
Q2	-22.5		-21.6	-11.1	-29.1	-16.8	0.3	-29.0	
Q3	-7.2		-6.3	5.3	8.5	1.0	5.6	-14.3	
Q4	-8.2		-7.8	3.8	3.0	4.9	3.7	-15.8	
2021 Q1	-8.8		-8.0	1.4	0.6	3.7	0.8	-14.8	
Q2	25.4		25.1	21.5	47.8	35.4	7.3	28.3	
Q3	8.2		8.5	0.8	-3.5	4.7	1.2	15.2	

1 ESA 10 Classification of Individual Consumption by Purpose.
2 Final Consumption by UK Households in the UK & abroad.

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

E3 Household final consumption expenditure by purpose

Chained volume measures

Reference year 2019, £ million

UK NATIONAL ²															
UK DOMESTIC ³															
COICOP ¹	Total	Net tourism	Total	Food & drink	Alcohol & tobacco	Clothing & footwear	Housing	Household goods & services	Health	Transport	Communi-cation	Recreati-on & culture	Education	Restau-rants & hotels	Miscell-aneous
				01	02	03	04	05	06	07	08	09	10	11	12
	ABJR	ABTH	ZAKW	ZWUN	ZAKY	ZALA	ZAVO	ZAVW	ZAWC	ZAWM	ZAWW	ZAXA	ZWUT	ZAXS	ZAYG
2018	1 377 461	17 575	1 359 893	107 492	47 560	67 327	351 020	64 715	24 583	191 080	24 710	140 457	30 801	136 952	173 735
2019	1 394 457	15 366	1 379 091	109 843	46 554	69 743	351 482	68 911	23 850	192 803	27 967	143 856	31 354	137 548	175 180
2020	1 248 108	6 331	1 241 777	118 962	51 984	61 003	355 920	74 494	21 566	132 121	26 549	130 067	30 427	78 524	160 160
Seasonally adjusted															
2019 Q2	350 422	3 921	346 501	27 197	11 538	17 737	88 068	17 819	6 036	48 719	6 889	36 220	7 772	34 674	43 843
Q3	349 391	4 141	345 252	27 528	11 632	17 624	87 642	17 197	5 888	48 386	7 093	36 114	7 856	34 489	43 793
Q4	347 126	3 268	343 856	27 851	11 656	17 009	87 908	16 598	5 718	48 103	7 354	36 230	8 008	33 945	43 453
2020 Q1	337 725	3 363	334 362	29 528	11 925	15 609	88 173	17 759	5 888	42 407	6 491	36 173	8 051	30 246	42 112
Q2	270 012	122	269 890	30 001	13 467	13 132	88 852	17 290	4 353	19 525	6 352	28 330	7 082	5 300	36 206
Q3	322 839	1 409	321 430	29 680	13 234	15 939	89 196	19 838	5 375	36 775	6 976	32 209	7 512	23 688	41 008
Q4	317 532	1 437	316 095	29 753	13 358	16 323	89 699	19 607	5 950	33 414	6 730	33 355	7 782	19 290	40 834
2021 Q1	305 804	892	304 912	31 018	12 840	15 758	90 043	19 164	5 518	27 379	6 515	33 398	7 953	16 117	39 209
Q2	330 844	1 107	329 737	29 684	13 018	18 042	90 633	20 957	5 799	35 181	6 847	34 260	8 339	24 556	42 421
Q3	339 794	587	339 207	29 018	12 410	16 556	89 914	19 416	5 929	38 505	6 977	35 163	8 430	33 924	42 965
Percentage change, latest year on previous year															
2018	KGZ5		KG7O	KG9Y	KGF6	KGG4	KGH2	KGH8	KG19	KGJ7	KGK5	KGL3	KGB8	KGD4	KGE8
	2.1		1.8	1.5	0.5	1.5	1.2	1.3	0.2	1.9	20.1	1.0	-2.9	-0.1	3.7
2019	1.2		1.4	2.2	-2.1	3.6	0.1	6.5	-3.0	0.9	13.2	2.4	1.8	0.4	0.8
2020	-10.5		-10.0	8.3	11.7	-12.5	1.3	8.1	-9.6	-31.5	-5.1	-9.6	-3.0	-42.9	-8.6
Percentage change, latest quarter on previous quarter															
2019 Q2	KGZ6		KG7R	KGA3	KGF7	KGG5	KGH3	KGH9	KGJ2	KGJ8	KGK6	KGL4	KGB9	KGD5	KGE9
	0.8		0.9	-0.3	-1.6	2.1	0.2	3.0	-2.8	2.4	3.9	2.6	0.7	0.7	-0.6
Q3	-0.3		-0.4	1.2	0.8	-0.6	-0.5	-3.5	-2.5	-0.7	3.0	-0.3	1.1	-0.5	-0.1
Q4	-0.6		-0.4	1.2	0.2	-3.5	0.3	-3.5	-2.9	-0.6	3.7	0.3	1.9	-1.6	-0.8
2020 Q1	-2.7		-2.8	6.0	2.3	-8.2	0.3	7.0	3.0	-11.8	-11.7	-0.2	0.5	-10.9	-3.1
Q2	-20.0		-19.3	1.6	12.9	-15.9	0.8	-2.6	-26.1	-54.0	-2.1	-21.7	-12.0	-82.5	-14.0
Q3	19.6		19.1	-1.1	-1.7	21.4	0.4	14.7	23.5	88.3	9.8	13.7	6.1	346.9	13.3
Q4	-1.6		-1.7	0.2	0.9	2.4	0.6	-1.2	10.7	-9.1	-3.5	3.6	3.6	-18.6	-0.4
2021 Q1	-3.7		-3.5	4.3	-3.9	-3.5	0.4	-2.3	-7.3	-18.1	-3.2	0.1	2.2	-16.4	-4.0
Q2	8.2		8.1	-4.3	1.4	14.5	0.7	9.4	5.1	28.5	5.1	2.6	4.9	52.4	8.2
Q3	2.7		2.9	-2.2	-4.7	-8.2	-0.8	-7.4	2.2	9.4	1.9	2.6	1.1	38.1	1.3
Percentage change, latest quarter on corresponding quarter of previous year															
2019 Q2	KGZ7		KG7U	KGA6	KGF8	KGG6	KGH4	KG12	KGJ3	KGJ9	KGK7	KGL5	KGC2	KGD6	KGF2
	2.3		2.5	2.6	-4.5	6.5	1.0	13.7	-2.7	1.5	12.2	4.2	0.9	1.6	1.6
Q3	1.2		1.3	1.3	-2.4	3.9	-0.3	4.2	-4.3	1.7	12.1	3.5	2.7	1.0	0.1
Q4	-0.1		0.2	1.9	-0.9	-0.3	0.1	0.4	-7.2	0.4	14.4	1.9	4.4	-2.1	-1.8
2020 Q1	-2.8		-2.7	8.3	1.7	-10.2	0.4	2.7	-5.2	-10.9	-2.1	2.5	4.3	-12.2	-4.5
Q2	-22.9		-22.1	10.3	16.7	-26.0	0.9	-3.0	-27.9	-59.9	-7.8	-21.8	-8.9	-84.7	-17.4
Q3	-7.6		-6.9	7.8	13.8	-9.6	1.8	15.4	-8.7	-24.0	-1.6	-10.8	-4.4	-31.3	-6.4
Q4	-8.5		-8.1	6.8	14.6	-4.0	2.0	18.1	4.1	-30.5	-8.5	-7.9	-2.8	-43.2	-6.0
2021 Q1	-9.5		-8.8	5.0	7.7	1.0	2.1	7.9	-6.3	-35.4	0.4	-7.7	-1.2	-46.7	-6.9
Q2	22.5		22.2	-1.1	-3.3	37.4	2.0	21.2	33.2	80.2	7.8	20.9	17.7	363.3	17.2
Q3	5.3		5.5	-2.2	-6.2	3.9	0.8	-2.1	10.3	4.7	-	9.2	12.2	43.2	4.8

1 ESA 10 Classification of Individual Consumption by Purpose.

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

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

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

Reference year 2019, £ million

		UK NATIONAL ²							
		UK DOMESTIC ³							
				Goods					
		Total	Net tourism	Total	Total	Durable goods	Semi- durable goods	Non- durable goods	Services
COICOP ¹					D	SD	ND	S	
	ABJR	ABTH	ZAKW	UTIH	UTID	UTIT	UTIL	UTIP	
2018	1 377 461	17 575	1 359 893	554 449	135 835	124 436	294 207	805 414	
2019	1 394 457	15 366	1 379 091	566 671	142 409	129 798	294 464	812 420	
2020	1 248 108	6 331	1 241 777	561 688	129 467	125 893	306 328	680 089	
Seasonally adjusted									
2019 Q2	350 422	3 921	346 501	143 166	36 623	32 894	73 650	203 359	
Q3	349 391	4 141	345 252	142 169	36 069	32 882	73 215	203 089	
Q4	347 126	3 268	343 856	140 206	34 413	32 033	73 760	203 617	
2020 Q1	337 725	3 363	334 362	138 967	31 160	31 424	76 383	195 395	
Q2	270 012	122	269 890	127 591	25 713	27 594	74 284	142 299	
Q3	322 839	1 409	321 430	148 960	37 924	33 089	77 947	172 470	
Q4	317 532	1 437	316 095	146 170	34 670	33 786	77 714	169 925	
2021 Q1	305 804	892	304 912	140 830	30 131	33 164	77 535	164 082	
Q2	330 844	1 107	329 737	151 525	36 093	36 577	78 855	178 212	
Q3	339 794	587	339 207	145 486	34 650	34 046	76 790	193 721	
Percentage change, latest year on previous year									
	KGZ5		KG7O	KHD7	KHC3	KHI3	KHF3	KHG7	
2018	2.1		1.8	1.5	0.9	0.2	2.5	1.9	
2019	1.2		1.4	2.2	4.8	4.3	0.1	0.9	
2020	-10.5		-10.0	-0.9	-9.1	-3.0	4.0	-16.3	
Percentage change, latest quarter on previous quarter									
	KGZ6		KG7R	KHD8	KHC4	KHI4	KHF4	KHG8	
2019 Q2	0.8		0.9	1.4	3.7	2.8	-0.3	0.5	
Q3	-0.3		-0.4	-0.7	-1.5	-	-0.6	-0.1	
Q4	-0.6		-0.4	-1.4	-4.6	-2.6	0.7	0.3	
2020 Q1	-2.7		-2.8	-0.9	-9.5	-1.9	3.6	-4.0	
Q2	-20.0		-19.3	-8.2	-17.5	-12.2	-2.7	-27.2	
Q3	19.6		19.1	16.7	47.5	19.9	4.9	21.2	
Q4	-1.6		-1.7	-1.9	-8.6	2.1	-0.3	-1.5	
2021 Q1	-3.7		-3.5	-3.7	-13.1	-1.8	-0.2	-3.4	
Q2	8.2		8.1	7.6	19.8	10.3	1.7	8.6	
Q3	2.7		2.9	-4.0	-4.0	-6.9	-2.6	8.7	
Percentage change, latest quarter on corresponding quarter of previous year									
	KGZ7		KG7U	KHD9	KHC5	KHI5	KHF5	KHG9	
2019 Q2	2.3		2.5	4.5	9.1	8.2	0.8	1.2	
Q3	1.2		1.3	2.3	6.2	6.2	-1.1	0.6	
Q4	-0.1		0.2	-0.2	-0.5	0.2	-0.2	0.5	
2020 Q1	-2.8		-2.7	-1.5	-11.7	-1.8	3.4	-3.4	
Q2	-22.9		-22.1	-10.9	-29.8	-16.1	0.9	-30.0	
Q3	-7.6		-6.9	4.8	5.1	0.6	6.5	-15.1	
Q4	-8.5		-8.1	4.3	0.7	5.5	5.4	-16.5	
2021 Q1	-9.5		-8.8	1.3	-3.3	5.5	1.5	-16.0	
Q2	22.5		22.2	18.8	40.4	32.6	6.2	25.2	
Q3	5.3		5.5	-2.3	-8.6	2.9	-1.5	12.3	

1 ESA 10 Classification of Individual Consumption by Purpose.

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

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

F1 Gross fixed capital formation by sector and type of asset

Current prices

£ million

	Analysis by sector								Analysis by asset						Total
	Public corporations ²				Private Sector				Transport equipment	ICT equipment and other machinery and equipment ³	Dwellings ⁴	Other buildings and structures ⁵	Intellectual Property Products		
	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								
2018	NPEK	RPZG	L62R	L62S	L62T	L62U	NPQS	TLPX	TLPW	GGAE	EQED	TLPK	NPQS		
2019	217 284	57 184	4 618	758	80 661	25 959	386 464	20 878	63 808	85 280	131 923	84 575	386 464		
2020	225 865	62 108	4 680	766	82 628	23 563	399 609	19 877	65 098	87 306	139 686	87 643	399 609		
	203 809	65 252	4 320	645	74 137	20 073	368 236	15 342	57 277	78 276	127 230	90 111	368 236		
Seasonally adjusted															
2019 Q2	56 356	15 069	1 152	204	20 808	5 712	99 301	4 990	16 143	21 960	34 493	21 715	99 301		
Q3	57 236	15 562	1 177	193	20 926	5 823	100 917	5 756	16 483	22 103	34 347	22 228	100 917		
Q4	56 777	15 453	1 226	187	20 319	5 616	99 578	4 969	15 916	21 544	34 987	22 162	99 578		
2020 Q1	55 514	15 596	1 170	185	19 934	5 637	98 036	4 659	15 144	20 923	34 519	22 791	98 036		
Q2	45 871	16 282	967	142	11 956	4 654	79 872	2 381	13 087	12 923	29 146	22 335	79 872		
Q3	50 061	16 450	1 072	145	21 005	4 593	93 326	4 195	13 951	22 077	30 759	22 344	93 326		
Q4	52 363	16 924	1 111	173	21 242	5 189	97 002	4 107	15 095	22 353	32 806	22 641	97 002		
2021 Q1	48 908	20 403	1 143	189	20 719	5 668	97 030	2 861	15 580	21 862	35 058	21 669	97 030		
Q2	52 875	17 247	1 309	199	21 415	5 772	98 817	4 525	15 541	22 724	33 797	22 230	98 817		
Q3	51 603	17 289	1 410	206	21 840	5 930	98 278	2 326	16 300	23 250	34 107	22 295	98 278		
Percentage change, latest year on previous year															
2018	KG6N	KH7N	L64E	L64H	L64K	L64N	KG6O	KG6T	KG6S	KH7X	KH7W	KG6R	KG6O		
2019	0.2	3.5	-45.4	-1.8	11.5	7.6	2.3	-23.6	-	5.5	4.0	7.0	2.3		
2020	3.9	8.6	1.3	1.1	2.4	-9.2	3.4	-4.8	2.0	2.4	5.9	3.6	3.4		
	-9.8	5.1	-7.7	-15.8	-10.3	-14.8	-7.9	-22.8	-12.0	-10.3	-8.9	2.8	-7.9		
Percentage change, latest quarter on previous quarter															
2019 Q2	KG6V	KH7P	L64F	L64I	L64L	L64O	KG6W	KG73	KG72	KH83	KH82	KG6Z	KG6W		
Q3	1.5	-6.0	2.4	12.1	1.1	-10.9	-0.5	19.9	-2.5	1.2	-3.8	0.8	-0.5		
Q4	1.6	3.3	2.2	-5.4	0.6	1.9	1.6	15.4	2.1	0.7	-0.4	2.4	1.6		
	-0.8	-0.7	4.2	-3.1	-2.9	-3.6	-1.3	-13.7	-3.4	-2.5	1.9	-0.3	-1.3		
2020 Q1	-2.2	0.9	-4.6	-1.1	-1.9	0.4	-1.5	-6.2	-4.9	-2.9	-1.3	2.8	-1.5		
Q2	-17.4	4.4	-17.4	-23.2	-40.0	-17.4	-18.5	-48.9	-13.6	-38.2	-15.6	-2.0	-18.5		
Q3	9.1	1.0	10.9	2.1	75.7	-1.3	16.8	76.2	6.6	70.8	5.5	-	16.8		
Q4	4.6	2.9	3.6	19.3	1.1	13.0	3.9	-2.1	8.2	1.3	6.7	1.3	3.9		
2021 Q1	-6.6	20.6	2.9	9.2	-2.5	9.2	-	-30.3	3.2	-2.2	6.9	-4.3	-		
Q2	8.1	-15.5	14.5	5.3	3.4	1.8	1.8	58.2	-0.3	3.9	-3.6	2.6	1.8		
Q3	-2.4	0.2	7.7	3.5	2.0	2.7	-0.5	-48.6	4.9	2.3	0.9	0.3	-0.5		
Percentage change, latest quarter on corresponding quarter of previous year															
2019 Q2	KG75	KH7R	L64G	L64J	L64M	L64P	KG76	KG7B	KG7A	KH87	KH86	KG79	KG76		
Q3	4.1	7.6	-3.7	2.5	2.8	-10.6	3.3	28.3	3.0	2.5	2.0	1.9	3.3		
Q4	6.2	5.7	4.2	-2.5	2.7	-15.7	3.8	-1.7	3.1	2.8	5.1	4.7	3.8		
	4.4	6.3	14.3	-3.1	-0.6	-17.6	2.2	-23.5	-0.8	0.1	8.6	4.6	2.2		
2020 Q1	-	-2.7	4.0	1.6	-3.1	-12.1	-1.8	11.9	-8.5	-3.6	-3.7	5.8	-1.8		
Q2	-18.6	8.0	-16.1	-30.4	-42.5	-18.5	-19.6	-52.3	-18.9	-41.2	-15.5	2.9	-19.6		
Q3	-12.5	5.7	-8.9	-24.9	0.4	-21.1	-7.5	-27.1	-15.4	-0.1	-10.4	0.5	-7.5		
Q4	-7.8	9.5	-9.4	-7.5	4.5	-7.6	-2.6	-17.3	-5.2	3.8	-6.2	2.2	-2.6		
2021 Q1	-11.9	30.8	-2.3	2.2	3.9	0.5	-1.0	-38.6	2.9	4.5	1.6	-4.9	-1.0		
Q2	15.3	5.9	35.4	40.1	79.1	24.0	23.7	90.0	18.8	75.8	16.0	-0.5	23.7		
Q3	3.1	5.1	31.5	42.1	4.0	29.1	5.3	-44.6	16.8	5.3	10.9	-0.2	5.3		

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 2019, £ million

	Analysis by sector							Analysis by asset							Total
	Public corporations ²				Private Sector			Transport equipment Total	ICT equipment and other machinery and Dwellings ⁴	Other buildings and structures ⁵	Intellectual Property Products				
	Business investment ^{1,6}	General government	Dwellings ⁴	Costs of transfer of ownership of non-pro- duced assets ⁷	Dwellings ⁴	Costs of transfer of ownership of non-pro- duced assets ⁷	NPQT						DLWL	DLWO	
2018	223 763	59 131	4 736	L634 616	L635 82 690	L636 26 542	397 436	20 892	65 660	87 429	136 285	87 114	397 436		
2019	225 865	62 108	4 678	592	82 627	23 738	399 609	19 877	65 097	87 307	139 685	87 643	399 609		
2020	200 214	63 763	4 265	482	73 212	19 986	361 922	15 040	56 489	77 297	125 058	88 038	361 922		
Seasonally adjusted															
2019 Q2	56 190	15 139	1 176	158	20 881	5 728	99 274	4 758	16 104	22 058	34 579	21 756	99 274		
Q3	56 853	15 565	1 153	149	20 854	5 878	100 453	5 751	16 501	22 008	34 081	22 097	100 453		
Q4	56 698	15 220	1 240	144	20 091	5 617	99 004	5 185	15 379	21 331	35 206	21 920	99 004		
2020 Q1	55 234	14 649	1 199	140	19 733	5 612	96 567	4 766	14 893	20 752	33 667	22 489	96 567		
Q2	44 940	16 449	962	104	11 793	4 582	78 830	2 226	12 957	12 755	29 047	21 845	78 830		
Q3	48 807	16 204	1 019	108	20 795	4 620	91 553	3 955	13 664	21 814	30 365	21 755	91 553		
Q4	51 233	16 461	1 085	130	20 891	5 172	94 972	4 093	14 975	21 976	31 979	21 949	94 972		
2021 Q1	47 388	19 358	1 156	138	20 263	5 591	93 894	2 607	15 386	21 419	33 525	20 957	93 894		
Q2	51 341	16 829	1 279	145	20 770	5 692	96 056	4 248	15 675	22 049	32 537	21 547	96 056		
Q3	50 062	16 954	1 294	149	20 928	5 759	95 146	2 344	16 485	22 222	32 552	21 543	95 146		
Percentage change, latest year on previous year															
2018	KG7M -2.0	KH92 1.5	L64T -47.0	L64W -8.1	L654 8.2	L64Z 5.9	KG7N -0.1	KH95 -27.0	KH96 0.8	KH8Y 2.4	KH97 1.2	KH98 4.1	KG7N -0.1		
2019	0.9	5.0	-1.2	-3.9	-0.1	-10.6	0.5	-4.9	-0.9	-0.1	2.5	0.6	0.5		
2020	-11.4	2.7	-8.8	-18.6	-11.4	-15.8	-9.4	-24.3	-13.2	-11.5	-10.5	0.5	-9.4		
Percentage change, latest quarter on previous quarter															
2019 Q2	KG7P 0.1	KH9C -6.5	L64U 6.0	L64X 12.1	L655 0.4	L652 -12.1	KG7Q -1.6	KH9F 13.7	KH9G -5.9	KH9A 0.7	KH9H -3.5	KH9I -0.5	KG7Q -1.6		
Q3	1.2	2.8	-2.0	-5.7	0.4	2.6	1.2	20.9	2.5	-0.2	-1.4	1.6	1.2		
Q4	-0.3	-2.2	7.5	-3.4	-3.7	-4.4	-1.4	-9.8	-6.8	-3.1	3.3	-0.8	-1.4		
2020 Q1	-2.6	-3.8	-3.3	-2.8	-1.8	-0.1	-2.5	-8.1	-3.2	-2.7	-4.4	2.6	-2.5		
Q2	-18.6	12.3	-19.8	-25.7	-40.2	-18.4	-18.4	-53.3	-13.0	-38.5	-13.7	-2.9	-18.4		
Q3	8.6	-1.5	5.9	3.8	76.3	0.8	16.1	77.7	5.5	71.0	4.5	-0.4	16.1		
Q4	5.0	1.6	6.5	20.4	0.5	11.9	3.7	3.5	9.6	0.7	5.3	0.9	3.7		
2021 Q1	-7.5	17.6	6.5	6.2	-3.0	8.1	-1.1	-36.3	2.7	-2.5	4.8	-4.5	-1.1		
Q2	8.3	-13.1	10.6	5.1	2.5	1.8	2.3	62.9	1.9	2.9	-2.9	2.8	2.3		
Q3	-2.5	0.7	1.2	2.8	0.8	1.2	-0.9	-44.8	5.2	0.8	-	-	-0.9		
Percentage change, latest quarter on corresponding quarter of previous year															
2019 Q2	KG7S 0.2	KH9M 3.6	L64V -5.3	L64Y -7.6	L656 0.4	L653 -12.0	KG7T -0.1	KH9P 25.8	KH9Q -1.3	KH9K 0.1	KH9R -1.9	KH9S -1.3	KG7T -0.1		
Q3	2.5	2.2	0.8	-2.0	0.3	-16.8	0.6	-1.2	0.2	0.3	0.7	1.5	0.6		
Q4	2.7	1.8	11.6	-2.7	-3.3	-19.2	-0.1	-20.7	-6.4	-2.5	7.7	1.5	-0.1		
2020 Q1	-1.6	-9.5	8.1	-0.7	-5.1	-13.9	-4.3	13.9	-13.0	-5.3	-6.0	2.8	-4.3		
Q2	-20.0	8.7	-18.2	-34.2	-43.5	-20.0	-20.6	-53.2	-19.5	-42.2	-16.0	0.4	-20.6		
Q3	-14.2	4.1	-11.6	-27.5	-0.3	-21.4	-8.9	-31.2	-17.2	-0.9	-10.9	-1.5	-8.9		
Q4	-9.6	8.2	-12.5	-9.7	4.0	-7.9	-4.1	-21.1	-2.6	3.0	-9.2	0.1	-4.1		
2021 Q1	-14.2	32.1	-3.6	-1.4	2.7	-0.4	-2.8	-45.3	3.3	3.2	-0.4	-6.8	-2.8		
Q2	14.2	2.3	33.0	39.4	76.1	24.2	21.9	90.8	21.0	72.9	12.0	-1.4	21.9		
Q3	2.6	4.6	27.0	38.0	0.6	24.7	3.9	-40.7	20.6	1.9	7.2	-1.0	3.9		

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

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

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

4 Includes new dwellings and improvements to dwellings.

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

6 Whilst quality assuring the business investment dataset, a discrepancy was found where annual Non-Seasonally Adjusted CVM data does not equal annual Seasonally Adjusted CVM data for the years 1997 to 2019. This issue affects Business Investment and its component assets. The largest difference in any given year is -£9m in business investment and -£13m in the sub-components. The correct data series to use for the annual timeline is the Non-Seasonally Adjusted series, NPEN.

7 During quality assurance of the ANA21 GFCF dataset, an issue has been identified that affects the chained volume measure of costs of ownership transfer of non-produced assets in the private sector and the public corporations sector. As a result, £175 million has been erroneously removed from public corporations and added to the private sector estimate for costs of ownership transfer of non-produced assets in 2019.

G1 Changes in inventories at current prices ¹

£ million

	Mining and quarrying	Manufacturing industries				Electricity, gas and water supply	Distributive trades			Changes in inventories ³
		Materials and fuel	Work in progress	Finished goods	Total		Wholesale ²	Retail ²	Other industries ³	
Level of inventories held at end-December 2019	555	28 419	19 068	21 578	69 065	354	43 107	34 887	63 662	211 630
	FAHS	FAGF	FADY	FALR	NZTP	FAGI	FBHE	FAHA	CWVD	CAEX
2018	-483	640	2 016	-498	2 158	-2 190	1 173	-2 072	3 449	2 035
2019	357	5 486	-974	-1 376	3 136	1 183	1 930	440	-537	6 509
2020	404	-231	-3 365	706	-2 890	-1 677	-1 654	-534	-3 110	-9 461
Seasonally adjusted										
2019 Q2	-221	2 697	-1 205	-1 741	-249	-215	355	595	2 606	2 871
Q3	252	369	-958	-938	-1 527	553	-142	-508	-617	-1 989
Q4	119	441	894	135	1 470	200	-285	165	-2 475	-806
2020 Q1	457	-360	-48	-391	-799	-501	-2 388	-1 425	2 470	-2 186
Q2	1 223	565	-318	629	876	914	-493	-715	-6 323	-4 518
Q3	-1 174	-445	-2 778	-443	-3 666	-2 230	479	810	-833	-6 614
Q4	-102	9	-221	911	699	140	748	796	1 576	3 857
2021 Q1	-1 032	-1 420	1 185	2 123	1 888	-520	46	1 063	1 401	2 846
Q2	117	1 594	1 097	-556	2 135	1 095	198	723	-5 315	-1 047
Q3	-205	1 093	-297	492	1 288	-1 148	614	-1 040	1 333	842

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

2 Wholesaling and retailing estimates exclude the motor trades.

3 Quarterly alignment adjustment included in this series.

G2 Changes in inventories at chained volume measures¹

Reference year 2019, £ million

	Mining and quarrying	Manufacturing industries				Electricity, gas and water supply	Distributive trades			Changes in inventories ³
		Materials and fuel	Work in progress	Finished goods	Total		Wholesale ²	Retail ²	Other industries ³	
Level of inventories held at end-December 2019	555	28 419	19 068	21 578	69 065	354	43 107	34 887	63 662	211 630
	FAEA	FBNF	FBNG	FBNH	DHBM	FAEB	FAJX	FBYN	DLWX	CAFU
2018	-430	1 369	2 087	-83	3 254	-2 134	928	-1 243	1 803	1 798
2019	357	5 486	-974	-1 376	3 136	1 183	1 930	440	-537	6 509
2020	1 138	150	-4 934	176	-4 608	652	-433	-3 602	-2 624	-9 477
Seasonally adjusted										
2019 Q2	-147	2 304	-1 259	-1 279	-202	-221	9	531	791	682
Q3	212	451	-552	-912	-1 019	549	-267	-361	325	-518
Q4	127	779	-80	-299	390	175	687	797	-2 811	-626
2020 Q1	509	-93	-726	229	-590	20	-1 484	-1 703	1 451	-1 797
Q2	874	-307	-742	-388	-1 437	673	-178	-1 554	-6 322	-7 944
Q3	-550	-597	-2 847	-959	-4 403	-1 391	827	-140	1 639	-4 018
Q4	305	1 147	-619	1 294	1 822	1 350	402	-205	608	4 282
2021 Q1	294	-780	97	2 274	1 591	983	269	339	-1 496	1 980
Q2	1 054	1 606	545	112	2 263	2 068	38	-243	-7 394	-2 214
Q3	793	1 311	-621	417	1 107	-123	712	-1 192	-751	546

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

2 Wholesaling and retailing estimates exclude the motor trades.

3 Quarterly alignment adjustment included in this series.

H1 Exports and imports of goods and services

Current market prices

£ million

	Exports			Imports			Balance		
	Goods	Services	Total	Goods	Services	Total	Goods	Services	Total ¹
	BOKG	IKBB	IKBH	BOKH	IKBC	IKBI	BOKI	IKBD	IKBJ
2018	350 844	312 481	663 325	493 096	198 527	691 623	-142 252	113 954	-28 298
2019	371 955	327 295	699 250	510 169	209 769	719 938	-138 214	117 526	-20 688
2020	308 884	296 458	605 342	438 326	164 157	602 483	-129 442	132 301	2 859
Seasonally adjusted									
2019 Q2	86 879	80 457	167 336	123 822	51 915	175 737	-36 943	28 542	-8 401
Q3	93 455	83 574	177 029	125 206	53 575	178 781	-31 751	29 999	-1 752
Q4	101 072	85 261	186 333	119 039	54 677	173 716	-17 967	30 584	12 617
2020 Q1	82 353	80 972	163 325	113 924	48 270	162 194	-31 571	32 702	1 131
Q2	72 373	69 821	142 194	87 875	38 012	125 887	-15 502	31 809	16 307
Q3	73 562	70 832	144 394	107 318	38 374	145 692	-33 756	32 458	-1 298
Q4	80 596	74 833	155 429	129 209	39 501	168 710	-48 613	35 332	-13 281
2021 Q1	73 068	72 844	145 912	112 567	39 717	152 284	-39 499	33 127	-6 372
Q2	83 337	73 728	157 065	117 522	42 556	160 078	-34 185	31 172	-3 013
Q3	76 569	76 372	152 941	122 688	41 202	163 890	-46 119	35 170	-10 949
Percentage change, latest year on previous year									
	KG9K	KH35	KH2O	KG9L	KH3W	KH3H			
2018	3.8	7.0	5.3	3.1	11.4	5.3			
2019	6.0	4.7	5.4	3.5	5.7	4.1			
2020	-17.0	-9.4	-13.4	-14.1	-21.7	-16.3			
Percentage change, latest quarter on previous quarter									
	KG9O	KH36	KH2P	KG9P	KH3X	KH3I			
2019 Q2	-4.1	3.1	-0.7	-12.9	4.7	-8.3			
Q3	7.6	3.9	5.8	1.1	3.2	1.7			
Q4	8.2	2.0	5.3	-4.9	2.1	-2.8			
2020 Q1	-18.5	-5.0	-12.3	-4.3	-11.7	-6.6			
Q2	-12.1	-13.8	-12.9	-22.9	-21.3	-22.4			
Q3	1.6	1.4	1.5	22.1	1.0	15.7			
Q4	9.6	5.6	7.6	20.4	2.9	15.8			
2021 Q1	-9.3	-2.7	-6.1	-12.9	0.5	-9.7			
Q2	14.1	1.2	7.6	4.4	7.1	5.1			
Q3	-8.1	3.6	-2.6	4.4	-3.2	2.4			
Percentage change, latest quarter on corresponding quarter of previous year									
	KG9S	KH37	KH2Q	KG9T	KH3Y	KH3J			
2019 Q2	-0.8	5.4	2.0	0.9	6.4	2.5			
Q3	3.7	7.8	5.6	1.1	9.0	3.3			
Q4	14.9	3.9	9.6	-5.9	3.9	-3.0			
2020 Q1	-9.1	3.8	-3.1	-19.8	-2.7	-15.4			
Q2	-16.7	-13.2	-15.0	-29.0	-26.8	-28.4			
Q3	-21.3	-15.2	-18.4	-14.3	-28.4	-18.5			
Q4	-20.3	-12.2	-16.6	8.5	-27.8	-2.9			
2021 Q1	-11.3	-10.0	-10.7	-1.2	-17.7	-6.1			
Q2	15.1	5.6	10.5	33.7	12.0	27.2			
Q3	4.1	7.8	5.9	14.3	7.4	12.5			

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 2019, £ million

	Exports			Imports			Balance
	Goods	Services	Total	Goods	Services	Total	Total ¹
	BQKQ	IKBE	IKBK	BQKO	IKBF	IKBL	IKBM
2018	357 961	318 566	676 529	497 752	201 703	699 468	-22 939
2019	371 955	327 295	699 250	510 169	209 769	719 938	-20 688
2020	319 233	282 571	601 804	442 532	162 753	605 285	-3 481
Seasonally adjusted							
2019 Q2	86 208	80 803	167 007	123 520	51 772	175 259	-8 252
Q3	92 553	83 156	175 700	123 034	53 199	176 218	-518
Q4	101 796	84 796	186 596	119 950	54 382	174 375	12 221
2020 Q1	83 059	78 111	161 170	114 732	48 990	163 722	-2 552
Q2	77 276	65 601	142 877	90 565	37 150	127 715	15 162
Q3	75 929	67 962	143 891	108 759	37 878	146 637	-2 746
Q4	82 969	70 897	153 866	128 476	38 735	167 211	-13 345
2021 Q1	73 590	69 117	142 707	111 645	37 615	149 260	-6 553
Q2	82 540	69 662	152 202	115 746	40 735	156 481	-4 279
Q3	75 259	71 563	146 822	118 531	39 747	158 278	-11 456
Percentage change, latest year on previous year							
	KG9X	KH3B	KH2U	KG9W	KH44	KH3N	
2018	0.2	5.8	2.8	0.2	10.7	3.1	
2019	3.9	2.7	3.4	2.5	4.0	2.9	
2020	-14.2	-13.7	-13.9	-13.3	-22.4	-15.9	
Percentage change, latest quarter on previous quarter							
	KGA2	KH3C	KH2V	KG9Z	KH45	KH3O	
2019 Q2	-5.7	2.9	-1.7	-14.0	2.7	-9.7	
Q3	7.4	2.9	5.2	-0.4	2.8	0.5	
Q4	10.0	2.0	6.2	-2.5	2.2	-1.0	
2020 Q1	-18.4	-7.9	-13.6	-4.4	-9.9	-6.1	
Q2	-7.0	-16.0	-11.4	-21.1	-24.2	-22.0	
Q3	-1.7	3.6	0.7	20.1	2.0	14.8	
Q4	9.3	4.3	6.9	18.1	2.3	14.0	
2021 Q1	-11.3	-2.5	-7.3	-13.1	-2.9	-10.7	
Q2	12.2	0.8	6.7	3.7	8.3	4.8	
Q3	-8.8	2.7	-3.5	2.4	-2.4	1.1	
Percentage change, latest quarter on corresponding quarter of previous year							
	KGA5	KH3D	KH2W	KGA4	KH46	KH3P	
2019 Q2	-4.0	4.0	-0.3	-0.3	3.8	0.9	
Q3	2.4	5.1	3.6	-0.2	6.4	1.7	
Q4	15.5	2.3	9.1	-5.2	2.7	-2.8	
2020 Q1	-9.1	-0.5	-5.2	-20.1	-2.8	-15.6	
Q2	-10.4	-18.8	-14.4	-26.7	-28.2	-27.1	
Q3	-18.0	-18.3	-18.1	-11.6	-28.8	-16.8	
Q4	-18.5	-16.4	-17.5	7.1	-28.8	-4.1	
2021 Q1	-11.4	-11.5	-11.5	-2.7	-23.2	-8.8	
Q2	6.8	6.2	6.5	27.8	9.7	22.5	
Q3	-0.9	5.3	2.0	9.0	4.9	7.9	

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

Gross value added at basic prices: individual measures

	£ million				Index numbers (2019 = 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	1 981 300	1 942 619	1 942 619	–	96.3	96.3	98.2	98.2	98.2
2019	2 017 344	2 017 344	2 017 344	–	100.0	100.0	100.0	100.0	100.0
2020	1 830 040	1 950 306	1 938 044	12 262	96.7	96.1	90.7	90.1	90.8
Seasonally adjusted									
2019 Q2	503 785	500 611	500 611	–	99.3	99.3	99.9	99.9	99.9
Q3	505 505	508 813	508 813	–	100.9	100.9	100.2	100.2	100.2
Q4	505 310	509 329	509 329	–	101.0	101.0	100.2	100.2	100.2
2020 Q1	491 221	503 602	505 404	–1 802	99.9	100.2	97.4	97.7	97.5
Q2	399 168	448 578	440 113	8 465	88.9	87.3	79.1	77.6	78.8
Q3	466 764	497 002	493 213	3 789	98.5	97.8	92.6	91.8	92.7
Q4	472 887	501 124	499 314	1 810	99.4	99.0	93.8	93.4	94.1
2021 Q1	466 343	505 884	504 517	1 367	100.3	100.0	92.5	92.2	92.9
Q2	491 661	519 316	517 876	1 440	103.0	102.7	97.5	97.2	98.0
Q3	496 929	527 825	526 351	1 474	104.7	104.4	98.5	98.2	99.0
Percentage change, latest year on previous year									
	KH4D	KH47	KH68		KH47	KH68	KH4D	KH6E	GDPQ
2018	1.6	3.7	3.7		3.7	3.7	1.6	1.6	1.6
2019	1.8	3.8	3.8		3.8	3.8	1.8	1.8	1.8
2020	–9.3	–3.3	–3.9		–3.3	–3.9	–9.3	–9.9	–9.2
Percentage change, latest quarter on previous quarter									
	KH4F	KH49	KH6A		KH49	KH6A	KH4F	KH6G	
2019 Q2	0.2	0.4	0.4		0.4	0.4	0.2	0.2	0.2
Q3	0.3	1.6	1.6		1.6	1.6	0.3	0.3	0.3
Q4	–	0.1	0.1		0.1	0.1	–	–	–
2020 Q1	–2.8	–1.1	–0.8		–1.1	–0.8	–2.8	–2.5	–2.7
Q2	–18.7	–10.9	–12.9		–10.9	–12.9	–18.7	–20.5	–19.2
Q3	16.9	10.8	12.1		10.8	12.1	16.9	18.3	17.6
Q4	1.3	0.8	1.2		0.8	1.2	1.3	1.7	1.5
2021 Q1	–1.4	0.9	1.0		0.9	1.0	–1.4	–1.3	–1.2
Q2	5.4	2.7	2.6		2.7	2.6	5.4	5.4	5.4
Q3	1.1	1.6	1.6		1.6	1.6	1.1	1.1	1.1
Percentage change, latest quarter on corresponding quarter of previous year									
	KH4H	KH4B	KH6C		KH4B	KH6C	KH4H	KH6I	GDPR
2019 Q2	2.1	4.1	4.1		4.1	4.1	2.1	2.1	2.1
Q3	1.6	4.1	4.1		4.1	4.1	1.6	1.6	1.6
Q4	1.1	3.4	3.4		3.4	3.4	1.1	1.1	1.1
2020 Q1	–2.3	1.0	1.4		1.0	1.4	–2.3	–2.0	–2.2
Q2	–20.8	–10.4	–12.1		–10.4	–12.1	–20.8	–22.3	–21.1
Q3	–7.7	–2.3	–3.1		–2.3	–3.1	–7.7	–8.4	–7.5
Q4	–6.4	–1.6	–2.0		–1.6	–2.0	–6.4	–6.8	–6.1
2021 Q1	–5.1	0.5	–0.2		0.5	–0.2	–5.1	–5.6	–4.7
Q2	23.2	15.8	17.7		15.8	17.7	23.2	25.2	24.3
Q3	6.5	6.2	6.7		6.2	6.7	6.5	7.0	6.9

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

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

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

M Alignment adjustments¹

£ million

	Changes in inventories		Gross operating surplus of non-financial corporations at current prices
	At current prices	Chained volume measures (Reference year 2019)	
Seasonally adjusted			
2019 Q2	DMUN 1 811	DMUM 1 813	DMUQ 1 266
Q3	454	449	1 468
Q4	-1 975	-1 967	-1 949
2020 Q1	794	739	-2 049
Q2	-3 127	-2 875	1 760
Q3	765	683	1 554
Q4	1 568	1 453	-1 265
2021 Q1	-25	-44	2 991
Q2	-2 776	-2 655	91
Q3	3 045	2 880	-3 959

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 2020/21 = 100

	Current prices					Chained Volume Measures (reference year 2019)				
	Gross domestic product at market prices	Gross domestic product at market prices non seasonally adjusted	Gross value added at basic prices	General government final consumption expenditure	General government gross fixed capital formation	Gross domestic product at market prices	Gross value added at basic prices	General government final consumption expenditure	General government gross fixed capital formation	Implied GDP deflator at market prices ^{3,4}
	YBHA	BKTL	ABML	NMRP	RPZG	ABMI	ABMM	NMRY	DLWF	L8GG
2019/20	2 260 252	2 261 200	2 023 174	428 574	61 680	2 243 455	2 006 623	424 058	60 573	94.3511
2020/21	2 149 402	2 143 204	1 948 491	503 885	70 059	2 015 389	1 801 408	403 726	68 472	100.0000
Seasonally adjusted										
2019 Q2	561 476	554 257	500 611	103 410	15 069	562 779	503 785	105 195	15 139	93.4252
Q3	568 439	563 283	508 813	107 365	15 562	565 362	505 505	105 255	15 565	94.1517
Q4	568 119	576 734	509 329	109 568	15 453	565 109	505 310	107 960	15 220	94.1408
2020 Q1	562 218	566 926	504 421	108 231	15 596	550 205	492 023	105 648	14 649	95.6866
Q2	488 582	485 734	445 124	123 439	16 282	443 193	396 035	86 758	16 449	103.2322
Q3	546 503	538 025	495 990	123 715	16 450	521 073	465 799	102 475	16 204	98.2120
Q4	555 343	561 961	501 062	125 671	16 924	528 902	472 828	106 312	16 461	98.3234
2021 Q1	558 974	557 484	506 315	131 060	20 403	522 221	466 746	108 181	19 358	100.2324
Q2	578 182	571 803	519 751	128 540	17 247	550 588	492 075	117 128	16 829	98.3351
Q3	587 198	584 928	528 262	130 751	17 289	556 431	497 343	116 494	16 954	98.8198
Percentage change, latest financial year on previous financial year										
2019/20	2.9	2.8	3.2	6.2	4.0	0.6	0.6	3.1	-0.7	2.3
2020/21	-4.9	-5.2	-3.7	17.6	13.6	-10.2	-10.2	-4.8	13.0	6.0
Percentage change, latest quarter on previous quarter										
	IHYN	A8L9	KGL8	KH2D	KH7P	IHYQ	KGM9	KH2J	KH9C	L8GH
2019 Q2	0.8	-1.2	0.4	-0.2	-6.0	0.1	0.2	-0.4	-6.5	0.6
Q3	1.2	1.6	1.6	3.8	3.3	0.5	0.3	0.1	2.8	0.8
Q4	-0.1	2.4	0.1	2.1	-0.7	-	-	2.6	-2.2	-
2020 Q1	-1.0	-1.7	-1.0	-1.2	0.9	-2.6	-2.6	-2.1	-3.8	1.6
Q2	-13.1	-14.3	-11.8	14.1	4.4	-19.4	-19.5	-17.9	12.3	7.9
Q3	11.9	10.8	11.4	0.2	1.0	17.6	17.6	18.1	-1.5	-4.9
Q4	1.6	4.4	1.0	1.6	2.9	1.5	1.5	3.7	1.6	0.1
2021 Q1	0.7	-0.8	1.0	4.3	20.6	-1.3	-1.3	1.8	17.6	1.9
Q2	3.4	2.6	2.7	-1.9	-15.5	5.4	5.4	8.3	-13.1	-1.9
Q3	1.6	2.3	1.6	1.7	0.2	1.1	1.1	-0.5	0.7	0.5
Percentage change, latest quarter on corresponding quarter of previous year										
	IHYO	A8LA	KGM2	KH2E	KH7R	IHYR	KGN3	KH2K	KH9M	L8GI
2019 Q2	3.8	3.3	4.1	5.4	7.6	1.8	2.1	3.7	3.6	2.0
Q3	4.0	3.8	4.1	7.3	5.7	1.6	1.6	3.5	2.2	2.3
Q4	3.1	3.1	3.4	7.5	6.3	1.2	1.1	5.4	1.8	1.9
2020 Q1	0.9	1.1	1.2	4.4	-2.7	-2.1	-2.1	-	-9.5	3.1
Q2	-13.0	-12.4	-11.1	19.4	8.0	-21.2	-21.4	-17.5	8.7	10.5
Q3	-3.9	-4.5	-2.5	15.2	5.7	-7.8	-7.9	-2.6	4.1	4.3
Q4	-2.2	-2.6	-1.6	14.7	9.5	-6.4	-6.4	-1.5	8.2	4.4
2021 Q1	-0.6	-1.7	0.4	21.1	30.8	-5.1	-5.1	2.4	32.1	4.8
Q2	18.3	17.7	16.8	4.1	5.9	24.2	24.3	35.0	2.3	-4.7
Q3	7.4	8.7	6.5	5.7	5.1	6.8	6.8	13.7	4.6	0.6

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 2019 = 100.

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

O Selected implied 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	93.3188	92.8450	91.7668
2019	94.9591	94.7170	93.5947
2020	100.0000	100.0000	100.0000
Seasonally adjusted			
2019 Q2	94.7620	94.4991	93.0065
Q3	95.6746	95.2339	94.2087
Q4	95.3994	95.2230	94.3406
2020 Q1	96.3775	96.7865	95.9546
Q2	104.7613	104.4189	105.1976
Q3	99.2950	99.3410	99.6627
Q4	99.5662	99.4536	99.1851
2021 Q1	101.5144	101.3846	101.5309
Q2	99.4525	99.4655	98.8604
Q3	100.0067	99.9557	99.4149
Percentage change, latest year on previous year			
	MNE3	MNF3	MNX6
2018	1.9	2.0	2.1
2019	1.8	2.0	2.0
2020	5.3	5.6	6.8
Percentage change, latest quarter on previous quarter			
	MNE4	MNF4	MNX7
2019 Q2	0.8	0.6	0.2
Q3	1.0	0.8	1.3
Q4	-0.3	-	0.1
2020 Q1	1.0	1.6	1.7
Q2	8.7	7.9	9.6
Q3	-5.2	-4.9	-5.3
Q4	0.3	0.1	-0.5
2021 Q1	2.0	1.9	2.4
Q2	-2.0	-1.9	-2.6
Q3	0.6	0.5	0.6
Percentage change, latest quarter on corresponding quarter of previous year			
	MNE5	MNF5	MNX8
2019 Q2	1.8	2.0	2.0
Q3	2.2	2.3	2.4
Q4	1.7	1.9	2.3
2020 Q1	2.5	3.1	3.4
Q2	10.6	10.5	13.1
Q3	3.8	4.3	5.8
Q4	4.4	4.4	5.1
2021 Q1	5.3	4.8	5.8
Q2	-5.1	-4.7	-6.0
Q3	0.7	0.6	-0.2

1 Implied deflator is expressed in terms of 2020 = 100, whereas in table A1 it is expressed as 2019 = 100.

2 Data are only considered accurate to 1 decimal place.

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

P GDP Per Head¹

£

	UK resident population mid-year estimates (persons thousands) ²	Current Prices		Chained volume measures (Reference year 2019)	
		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	2 174 380	32 729	2 218 196	33 388
2019	66 797	2 255 283	33 763	2 255 283	33 763
2020	67 081	2 152 646	32 090	2 043 373	30 461
Seasonally adjusted					
2019 Q2	66 797	561 476	8 406	562 779	8 425
Q3	66 868	568 439	8 501	565 362	8 455
Q4	66 939	568 119	8 487	565 109	8 442
2020 Q1	67 010	562 218	8 390	550 205	8 211
Q2	67 081	488 582	7 283	443 193	6 607
Q3	67 193	546 503	8 133	521 073	7 755
Q4	67 306	555 343	8 251	528 902	7 858
2021 Q1	67 418	558 974	8 291	522 221	7 746
Q2	67 531	578 182	8 562	550 588	8 153
Q3	67 609	587 198	8 685	556 431	8 230
Percentage change, latest year on previous year					
		IHYM	N3Y3	IHYP	N3Y6
2018		3.7	3.1	1.7	1.0
2019		3.7	3.2	1.7	1.1
2020		-4.6	-5.0	-9.4	-9.8
Percentage change, latest quarter on previous quarter					
		IHYN	N3Y4	IHYQ	N3Y7
2019 Q2		0.8	0.6	0.1	-
Q3		1.2	1.1	0.5	0.4
Q4		-0.1	-0.2	-	-0.2
2020 Q1		-1.0	-1.1	-2.6	-2.7
Q2		-13.1	-13.2	-19.4	-19.5
Q3		11.9	11.7	17.6	17.4
Q4		1.6	1.5	1.5	1.3
2021 Q1		0.7	0.5	-1.3	-1.4
Q2		3.4	3.3	5.4	5.3
Q3		1.6	1.4	1.1	0.9
Percentage change, latest quarter on corresponding quarter of previous year					
		IHYO	N3Y5	IHYR	N3Y8
2019 Q2		3.8	3.2	1.8	1.2
Q3		4.0	3.4	1.6	1.1
Q4		3.1	2.6	1.2	0.7
2020 Q1		0.9	0.4	-2.1	-2.5
Q2		-13.0	-13.4	-21.2	-21.6
Q3		-3.9	-4.3	-7.8	-8.3
Q4		-2.2	-2.8	-6.4	-6.9
2021 Q1		-0.6	-1.2	-5.1	-5.7
Q2		18.3	17.6	24.2	23.4
Q3		7.4	6.8	6.8	6.1

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

R Revisions Analysis¹

Revisions since previously published estimates

£ million

2020

Latest less previously published levels of GDP at current market prices

National accounts aggregates at current prices (Table A2)

Gross domestic product at market prices	KB7D	-3 427
less Basic price adjustment	KB7E	-419
Gross value added at basic prices	KB7F	-3 008

Gross domestic product:

expenditure at current prices (Table C1)

National expenditure on goods and services at market prices		
Households	KB7K	-631
Non-profit institutions serving households	KB7L	301
General government	KB7M	682
Gross fixed capital formation	KB7N	-1 408
Changes in inventories	KB7O	-632
Acquisitions less disposals of valuables	KB7P	557
Total	KB7Q	-1 131
Total exports	KB7R	4 369
Total imports	KB7S	5 790
Statistical discrepancy (expenditure)	KB7T	-875

Gross domestic product:

income at current prices (Table D)

Compensation of employees	KB7U	3 131
Gross operating surplus of corporations	KB7V	434
Other income	KB7W	592
Gross value added at factor cost	KB7X	4 157
Taxes on products & production less Subsidies	KB7Y	-202
Statistical discrepancy (income)	KB7Z	-7 382

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

2020

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

Percentage changes in volume of GDP (Table A2)

Gross domestic product chained volume measures Year on year growth	KB82	0.3
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Percentage changes in volume

of GVA output components (Table B1)

GVA at basic prices		
Agriculture, forestry and fishing	KB83	0.1
Mining and quarrying inc oil & gas extraction	KB84	0.5
Manufacturing	KB85	-0.2
Electricity, gas, steam and air	KB86	-0.2
Water supply, sewerage	KNT7	0.1
Total Production	KB87	-0.1
Construction	KB88	-
Distribution, hotels and restaurants	KB89	-0.9
Transport storage and communications	KB8A	0.2
Business services and finance	KB8B	-
Government and other services	KB8C	-
Total services	KB8D	-
Total GVA	KB8E	0.3
Total GVA excluding Oil	KB8F	0.4

Percentage changes in volume

of GDP expenditure components (Table C2)

National expenditure on goods and services at market prices		
Households	KB8G	-
Non-profit institutions serving households	KB8H	10.4
General government	KB8I	0.9
Gross fixed capital formation	KB8J	-0.3
Total	KB8K	0.4
Total exports	KB8L	0.8
Total imports	KB8M	0.9

R Revisions Analysis¹

Revisions since previously published estimates

continued

£ million

		2020	2020	2020	2020	2021	2021	2021
		Q1	Q2	Q3	Q4	Q1	Q2	Q3
Latest less previously published levels of GDP								
at current market prices								
National accounts aggregates								
at current prices (Table A2)								
Gross domestic product at market prices	KB7D	-958	-1 609	-933	73	-1 452	382	1 092
less Basic price adjustment	KB7E	1 989	-1 716	-689	-3	434	830	1 408
Gross value added at basic prices	KB7F	-2 947	107	-244	76	-1 886	-448	-316
Gross domestic product:								
expenditure at current prices (Table C1)								
National expenditure on goods and services								
at market prices								
Households	KB7K	34	553	-1 172	-46	2 311	6 886	8 773
Non-profit institutions serving households	KB7L	9	12	118	162	211	2	-127
General government	KB7M	-271	292	1 117	-456	-306	1 114	3 092
Gross fixed capital formation	KB7N	664	493	-984	-1 581	611	1 249	-398
Changes in inventories	KB7O	-2 329	-300	287	1 710	-2 522	-5 609	-4 520
Acquisitions less disposals of valuables	KB7P	72	24	-651	1 112	166	162	-1 852
Total	KB7Q	-1 821	1 074	-1 285	901	471	3 804	4 968
Total exports	KB7R	1 392	-57	1 654	1 380	2 299	3 428	1 691
Total imports	KB7S	1 028	1 410	1 347	2 005	4 524	7 159	5 872
Statistical discrepancy (expenditure)	KB7T	499	-1 216	45	-203	302	309	305
Gross domestic product:								
income at current prices (Table D)								
Compensation of employees	KB7U	103	764	837	1 427	1 371	1 771	1 899
Gross operating surplus of corporations	KB7V	-1 675	-745	1 023	1 831	487	366	2 522
Other income	KB7W	27	84	59	422	487	511	-726
Gross value added at factor cost	KB7X	-1 545	103	1 919	3 680	2 345	2 648	3 695
Taxes on products & production less Subsidies	KB7Y	2 134	-1 939	-543	146	-23	1 614	1 323
Statistical discrepancy (income)	KB7Z	-1 547	227	-2 309	-3 753	-3 774	-3 880	-3 926

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

		2020	2020	2020	2020	2021	2021	2021
		Q1	Q2	Q3	Q4	Q1	Q2	Q3
Latest less previously published growth rates								
for GDP in chained volume terms								
Percentage changes in volume of GDP (Table A2)								
Gross domestic product chained volume measures								
Quarter on quarter growth	KB82	0.1	0.2	0.2	0.4	0.1	-0.1	-0.2
Quarter on same quarter a year earlier	KB94	0.1	0.2	0.3	0.7	0.7	0.6	0.2
Percentage changes in volume								
of GVA output components (Table B1)								
GVA at basic prices quarter on quarter growth								
Agriculture, forestry and fishing	KB83	-	0.1	-0.2	0.1	-	-	-0.4
Mining and quarrying inc oil & gas extraction	KB84	0.9	2.2	-4.6	0.8	1.5	-0.1	-4.1
Manufacturing	KB85	-	-0.1	-0.4	-0.1	0.4	-	-0.4
Electricity, gas, steam and air	KB86	-0.7	0.3	1.1	-0.4	-1.5	-1.7	-3.3
Water supply, sewerage	KNT7	-	0.1	0.2	-	-0.7	-0.4	0.5
Total Production	KB87	-	0.1	-0.6	-0.1	0.1	-0.3	-0.9
Construction	KB88	0.2	-0.1	0.2	-0.2	-0.3	-0.2	0.5
Distribution, hotels and restaurants	KB89	-0.6	-0.6	0.7	-	0.2	-0.3	0.3
Transport storage and communications	KB8A	0.5	-	-0.6	-	-0.1	1.0	1.2
Business services and finance	KB8B	-0.1	0.3	-	-	-	0.2	0.2
Government and other services	KB8C	-0.7	0.6	-	0.8	0.6	-0.7	-2.1
Total services	KB8D	-0.1	0.1	-0.1	0.2	0.2	-0.1	-0.2
Total GVA	KB8E	0.1	0.1	0.1	0.4	-	-0.1	-0.2
Total GVA excluding Oil	KB8F	0.1	0.1	0.3	0.4	-	-0.1	-0.2
Percentage changes in volume of GDP								
expenditure components (Table C2)								
National expenditure on goods and services								
at market prices quarter on quarter growth								
Households	KB8G	-0.1	0.3	-0.3	0.2	0.7	1.0	0.7
Non-profit institutions serving households	KB8H	2.0	4.0	12.3	3.8	-6.3	5.8	0.4
General government	KB8I	0.9	-0.2	1.1	-1.1	-0.2	0.2	-1.4
Gross fixed capital formation	KB8J	0.1	0.9	-2.8	-0.7	1.9	1.5	-1.7
Total	KB8K	-0.1	0.7	-0.7	0.3	-	0.4	-0.1
Total exports	KB8L	0.6	-0.6	1.2	0.5	0.7	0.5	-1.6
Total imports	KB8M	0.5	0.6	-0.4	-	0.8	2.4	-1.4

AA Annex A - Growth and contributions to growth - output components of GDP^{1,2}

Chained Volume Measures

Seasonally adjusted data

Reference year 2019

	Agri- culture, forestry, and fishing	Total Production	Mining & quarrying inc oil & gas extract	Manu- facturing	Electric, gas, steam & air	Water supply, sewerage	Constr uction ³	Total Services	Distrib- ution, hotels & restaurants	Transport storage and commu- nications	Business services and finance	Govern- ment and other services
Percentage change, latest year on previous year												
Growth												
	L3BB	L3BG	L3BH	L3BN	L3DM	L3DQ	L3DW	L3E2	L3GP	KI8L	KI8N	KI8P
2018	-10.9	3.5	5.0	3.9	2.0	0.5	-2.0	1.6	-1.4	9.5	0.5	1.5
2019	15.9	3.6	1.3	3.1	12.9	-0.5	-0.1	1.6	0.6	5.4	0.2	2.6
2020	-9.0	-8.4	-19.0	-9.0	-2.3	-1.7	-16.1	-8.8	-15.1	-9.5	-5.2	-10.3
Contributions to growth												
	ZZ3V	ZZ3W	ZZ3Y	ZZ3X	ZZ3Z	ZZ42	ZZ43	ZZ44	ZZ45	ZZ46	ZZ47	ZZ48
2018	-0.07	0.47	0.04	0.40	0.03	0.01	-0.13	1.29	-0.18	0.96	0.18	0.33
2019	0.10	0.49	0.02	0.31	0.17	-0.01	-0.01	1.24	0.08	0.54	0.06	0.55
2020	-0.06	-1.15	-0.20	-0.89	-0.03	-0.02	-1.03	-6.99	-2.05	-0.99	-1.72	-2.23
Percentage change, latest quarter on previous quarter												
Growth												
	L3BB	L3BG	L3BH	L3BN	L3DM	L3DQ	L3DW	L3E2	L3GP	KI8L	KI8N	KI8P
2019 Q2	4.5	-1.8	-19.8	-1.1	7.1	1.5	2.6	0.3	0.2	1.1	-0.1	0.9
Q3	11.5	-0.1	-2.9	0.2	-0.9	-0.7	-3.6	0.7	-	0.4	0.9	0.8
Q4	2.2	-0.1	-7.5	0.1	4.9	-1.2	-1.9	0.1	-0.4	-0.5	-0.2	0.9
2020 Q1	-7.7	-2.4	-3.7	-2.2	-5.1	0.6	-1.6	-2.7	-4.7	-2.6	-0.9	-4.3
Q2	-15.9	-17.3	-1.0	-21.7	-8.5	-5.3	-35.7	-18.2	-34.1	-15.9	-9.6	-23.2
Q3	6.1	16.5	-4.3	21.7	11.0	4.9	41.4	16.4	50.7	9.9	4.9	23.4
Q4	1.9	2.4	-3.2	3.8	-1.8	0.9	4.8	1.1	-7.2	2.5	2.0	4.3
2021 Q1	-2.6	-0.3	-3.7	-0.6	1.9	2.2	1.9	-1.6	-7.1	-0.6	1.1	-3.1
Q2	3.1	0.7	-16.0	1.8	2.7	0.4	3.6	6.4	21.3	2.6	0.4	10.2
Q3	0.3	-0.1	22.2	-0.7	-7.3	2.0	-1.0	1.4	3.4	2.5	0.7	0.6
Contributions to growth												
	ZZ2F	ZZ2G	ZZ2I	ZZ2H	ZZ2J	ZZ2K	ZZ2L	ZZ2M	ZZ2N	ZZ2O	ZZ2P	ZZ2Q
2019 Q2	0.03	-0.25	-0.28	-0.11	0.10	0.02	0.17	0.26	-	0.11	-0.01	0.17
Q3	0.08	-0.02	-0.03	0.02	-0.01	-0.01	-0.23	0.51	-	0.04	0.30	0.17
Q4	0.02	-0.01	-0.08	0.01	0.07	-0.01	-0.12	0.07	-0.02	-0.05	-0.04	0.19
2020 Q1	-0.06	-0.33	-0.03	-0.22	-0.08	0.01	-0.10	-2.17	-0.65	-0.29	-0.33	-0.90
Q2	-0.11	-2.36	-0.01	-2.15	-0.13	-0.06	-2.24	-14.46	-4.47	-1.61	-3.28	-5.10
Q3	0.04	2.31	-0.05	2.10	0.19	0.07	2.08	13.22	5.40	1.06	1.88	4.88
Q4	0.01	0.34	-0.03	0.38	-0.03	0.01	0.29	0.85	-0.98	0.24	0.66	0.92
2021 Q1	-0.02	-0.04	-0.02	-0.06	0.03	0.03	0.11	-1.23	-0.82	-0.05	0.36	-0.75
Q2	0.02	0.09	-0.10	0.17	0.04	0.01	0.22	5.06	2.36	0.24	0.11	2.44
Q3	-	-0.01	0.11	-0.07	-0.11	0.02	-0.06	1.13	0.44	0.24	0.24	0.19
Percentage change, latest quarter on corresponding quarter of previous year												
Growth												
	L3ZZ	L426	L427	L42D	L44C	L44G	L44M	L44Q	L47F	KII2	KIH9	KIH8
2019 Q2	4.9	4.5	9.9	2.8	17.9	0.3	3.0	1.5	0.7	6.0	-0.1	2.5
Q3	18.4	1.3	-18.8	2.2	12.9	-1.0	-1.3	1.8	0.6	4.6	0.7	2.9
Q4	26.6	-0.5	-37.0	2.4	15.9	-0.8	-2.8	1.5	0.4	2.5	0.4	3.3
2020 Q1	9.9	-4.3	-30.7	-3.0	5.7	0.2	-4.6	-1.7	-4.9	-1.7	-0.3	-1.9
Q2	-11.6	-19.5	-14.4	-23.1	-9.7	-6.5	-40.2	-19.9	-37.5	-18.2	-9.8	-25.3
Q3	-15.8	-6.1	-15.6	-6.7	1.1	-1.2	-12.3	-7.3	-5.8	-10.4	-6.3	-8.5
Q4	-16.0	-3.7	-11.7	-3.2	-5.4	0.9	-6.3	-6.4	-12.2	-7.6	-4.3	-5.5
2021 Q1	-11.4	-1.6	-11.7	-1.7	1.5	2.5	-2.9	-5.3	-14.4	-5.8	-2.3	-4.3
Q2	8.6	19.8	-25.0	27.8	14.0	8.6	56.5	23.3	57.6	14.9	8.5	37.4
Q3	2.6	2.8	-4.2	4.3	-4.8	5.6	9.6	7.4	8.2	7.2	4.2	12.1
Contributions to growth												
	ZZ36	ZZ37	ZZ39	ZZ38	ZZ3A	ZZ3B	ZZ3C	ZZ3D	ZZ3E	ZZ3F	ZZ3G	ZZ3H
2019 Q2	0.03	0.61	0.10	0.28	0.23	-	0.19	1.21	0.09	0.62	-0.03	0.53
Q3	0.12	0.18	-0.26	0.22	0.17	-0.01	-0.08	1.40	0.07	0.47	0.25	0.62
Q4	0.17	-0.07	-0.60	0.24	0.21	-0.01	-0.18	1.17	0.07	0.25	0.17	0.71
2020 Q1	0.06	-0.61	-0.40	-0.30	0.08	-	-0.29	-1.34	-0.68	-0.20	-0.09	-0.37
Q2	-0.08	-2.66	-0.15	-2.29	-0.15	-0.08	-2.65	-15.71	-5.04	-1.88	-3.28	-5.52
Q3	-0.11	-0.82	-0.16	-0.66	0.02	-0.01	-0.78	-5.81	-0.79	-1.08	-2.09	-1.85
Q4	-0.12	-0.50	-0.11	-0.32	-0.09	0.01	-0.39	-5.10	-1.67	-0.80	-1.43	-1.19
2021 Q1	-0.07	-0.20	-0.08	-0.15	0.02	0.03	-0.18	-4.16	-1.78	-0.55	-0.74	-1.05
Q2	0.06	2.56	-0.20	2.53	0.23	0.12	2.71	18.59	5.82	1.51	3.12	8.46
Q3	0.02	0.35	-0.03	0.40	-0.07	0.07	0.55	5.86	1.07	0.68	1.37	2.88

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

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

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

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

Chained Volume Measures

Seasonally adjusted data

Reference year 2019

	Final consumption expenditure								Net trade
	Households	Non-profit institutions ^{3, 5}	General government	Gross capital formation	Gross fixed capital formation	Business investment ⁴	Total exports	less Total imports	
Percentage change, latest year on previous year									
Growth									
	KGZ5	KH26	KH2I	ZZ6H	KG7N	KG7M	KH2U	KH3N	
2018	2.1	9.0	0.4	1.0	-0.1	-2.0	2.8	3.1	
2019	1.2	2.1	4.2	-0.1	0.5	0.9	3.4	2.9	
2020	-10.5	-9.9	-5.4	-12.7	-9.4	-11.4	-13.9	-15.9	
Contributions to growth									
	ZZ6M	ZZ6N	ZZ6O	ZZ6P	ZZ6Q	ZZ6R	ZZ6S	ZZ6T	ZZ6U
2018	1.32	0.20	0.07	0.19	-0.01	-0.21	0.83	0.96	-0.13
2019	0.77	0.05	0.77	-0.01	0.10	0.09	1.02	0.93	0.09
2020	-6.49	-0.24	-1.01	-2.27	-1.67	-1.14	-4.32	-5.08	0.76
Percentage change, latest quarter on previous quarter									
Growth									
	KGZ6	KH27	KH2J	ZZ5H	KG7Q	KG7P	KH2V	KH3O	
2019 Q2	0.8	1.8	-0.4	-15.0	-1.6	0.1	-1.7	-9.7	
Q3	-0.3	-0.7	0.1	-3.9	1.2	1.2	5.2	0.5	
Q4	-0.6	-0.7	2.6	-13.6	-1.4	-0.3	6.2	-1.0	
2020 Q1	-2.7	-4.1	-2.1	13.3	-2.5	-2.6	-13.6	-6.1	
Q2	-20.0	-18.7	-17.9	-33.2	-18.4	-18.6	-11.4	-22.0	
Q3	19.6	18.1	18.1	36.3	16.1	8.6	0.7	14.8	
Q4	-1.6	4.0	3.7	21.3	3.7	5.0	6.9	14.0	
2021 Q1	-3.7	-6.1	1.8	-3.1	-1.1	-7.5	-7.3	-10.7	
Q2	8.2	8.8	8.3	-8.8	2.3	8.3	6.7	4.8	
Q3	2.7	2.0	-0.5	4.8	-0.9	-2.5	-3.5	1.1	
Contributions to growth									
	ZZ5M	ZZ5N	ZZ5O	ZZ5P	ZZ5Q	ZZ5R	ZZ5S	ZZ5T	ZZ5U
2019 Q2	0.52	0.04	-0.07	-3.15	-0.28	0.01	-0.52	-3.38	2.86
Q3	-0.18	-0.02	0.01	-0.70	0.21	0.12	1.55	0.17	1.37
Q4	-0.40	-0.02	0.48	-2.33	-0.25	-0.03	1.93	-0.33	2.26
2020 Q1	-1.66	-0.10	-0.41	1.99	-0.43	-0.26	-4.50	-1.89	-2.61
Q2	-12.31	-0.44	-3.43	-5.77	-3.22	-1.87	-3.32	-6.54	3.22
Q3	11.92	0.43	3.55	5.23	2.87	0.87	0.23	4.27	-4.04
Q4	-1.02	0.10	0.74	3.55	0.66	0.47	1.91	3.95	-2.03
2021 Q1	-2.12	-0.16	0.40	-0.60	-0.20	-0.70	-2.01	-3.21	1.19
Q2	4.59	0.22	1.95	-1.67	0.40	0.73	1.74	1.31	0.43
Q3	1.55	0.05	-0.13	0.78	-0.16	-0.22	-0.93	0.31	-1.24
Percentage change, latest quarter on corresponding quarter of previous year									
Growth									
	KGZ7	KH28	KH2K	ZZ5Y	KG7T	KG7S	KH2W	KH3P	
2019 Q2	2.3	4.7	3.7	-1.2	-0.1	0.2	-0.3	0.9	
Q3	1.2	1.3	3.5	-3.0	0.6	2.5	3.6	1.7	
Q4	-0.1	-2.8	5.4	-17.6	-0.1	2.7	9.1	-2.8	
2020 Q1	-2.8	-3.7	-	-20.0	-4.3	-1.6	-5.2	-15.6	
Q2	-22.9	-23.1	-17.5	-37.2	-20.6	-20.0	-14.4	-27.1	
Q3	-7.6	-8.6	-2.6	-10.9	-8.9	-14.2	-18.1	-16.8	
Q4	-8.5	-4.2	-1.5	25.1	-4.1	-9.6	-17.5	-4.1	
2021 Q1	-9.5	-6.2	2.4	6.9	-2.8	-14.2	-11.5	-8.8	
Q2	22.5	25.5	35.0	46.1	21.9	14.2	6.5	22.5	
Q3	5.3	8.4	13.7	12.3	3.9	2.6	2.0	7.9	
Contributions to growth									
	ZZ65	ZZ66	ZZ67	ZZ68	ZZ69	ZZ6A	ZZ6B	ZZ6C	ZZ6D
2019 Q2	1.44	0.11	0.68	-0.22	-0.02	0.02	-0.09	0.28	-0.37
Q3	0.73	0.03	0.64	-0.53	0.11	0.25	1.11	0.54	0.57
Q4	-0.06	-0.07	0.98	-3.19	-0.02	0.27	2.78	-0.92	3.69
2020 Q1	-1.74	-0.09	0.01	-4.25	-0.77	-0.16	-1.56	-5.40	3.84
Q2	-14.29	-0.57	-3.28	-6.71	-3.63	-2.00	-4.29	-8.45	4.16
Q3	-4.70	-0.21	-0.49	-1.88	-1.57	-1.42	-5.63	-5.23	-0.39
Q4	-5.24	-0.10	-0.29	3.74	-0.71	-0.97	-5.79	-1.27	-4.52
2021 Q1	-5.55	-0.16	0.52	1.17	-0.47	-1.38	-3.20	-2.48	-0.72
Q2	13.13	0.65	7.80	6.43	3.75	1.40	2.01	6.13	-4.12
Q3	3.11	0.22	3.06	1.99	0.67	0.23	0.54	2.11	-1.57

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

2 This table does not include the contribution from the statistical discrepancy and components may not sum to the percentage change in average GDP. Chained volume measure data for this component are available in table C2

3 Non-profit institutions serving households

4 Whilst quality assuring the business investment dataset, a discrepancy was found where annual Non-Seasonally Adjusted CVM data does not equal annual Seasonally Adjusted CVM data for the years 1997 to 2019. This issue affects Business Investment and its component assets. The largest difference in any given year is -£9m in business investment and -£13m in the sub-components. The correct data series to use for the annual timeline is the Non-Seasonally Adjusted series, NPEN.

5 There is a small difference between the gross operating surplus of the Non-profit Institutions Serving households (NPISH) sector in the Table 6.3.3 of the UK Economic Accounts dataset, compared with the consumption of fixed capi-

tal for the NPISH sector published in the GDP release. This affects 2020Q1 onwards. The latest figures for the affected series can be found in the UK Economic Accounts dataset.

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	4.8	3.0
2019	4.8	3.3	2.4	2.4
2020	2.9	-0.9	-1.8	-49.8
Contributions to growth				
	ZZ7H	ZZ7I	ZZ7J	ZZ7K
2018	1.96	0.52	0.86	0.36
2019	2.28	0.72	0.43	0.28
2020	1.43	-0.19	-0.31	-5.91
Percentage change, latest quarter on previous quarter				
Growth				
	KGI4	KH4W	KH6U	KH66
2019 Q2	1.7	-2.8	-	4.7
Q3	1.1	5.5	-0.9	-2.6
Q4	0.6	-1.5	0.8	-1.3
2020 Q1	0.9	-2.3	-0.9	-5.4
Q2	-2.6	-4.3	-2.4	-104.5
Q3	3.9	8.8	2.0	-1 342.8
Q4	2.6	-1.3	-0.8	13.9
2021 Q1	0.4	4.1	1.6	-11.0
Q2	2.0	-0.9	1.6	37.2
Q3	1.6	-3.3	-0.1	18.0
Contributions to growth				
	ZZ6Z	ZZ72	ZZ73	ZZ74
2019 Q2	0.86	-0.65	0.01	0.57
Q3	0.51	1.14	-0.15	-0.30
Q4	0.51	-0.61	0.26	-0.26
2020 Q1	0.42	-0.49	-0.16	-0.60
Q2	-1.31	-0.93	-0.42	-11.51
Q3	2.19	2.11	0.39	7.66
Q4	1.35	-0.30	-0.14	0.87
2021 Q1	0.24	0.98	0.30	-0.83
Q2	1.01	-0.21	0.28	2.30
Q3	0.82	-0.76	-0.01	1.54
Percentage change, latest quarter on corresponding quarter of previous year				
Growth				
	KGI5	KH4X	KH6V	KH67
2019 Q2	6.0	0.7	3.0	1.9
Q3	4.9	4.9	1.4	2.4
Q4	3.5	5.6	0.7	1.0
2020 Q1	4.3	-1.3	-1.0	-4.8
Q2	-0.1	-2.8	-3.3	-104.1
Q3	2.7	0.2	-0.6	-47.9
Q4	4.8	0.4	-2.1	-39.9
2021 Q1	4.3	7.0	0.4	-43.4
Q2	9.2	10.7	4.5	-1 829.1
Q3	6.7	-1.6	2.4	64.2
Contributions to growth				
	ZZ79	ZZ7A	ZZ7B	ZZ7C
2019 Q2	2.88	0.15	0.54	0.23
Q3	2.38	1.08	0.25	0.28
Q4	1.68	1.18	0.12	0.12
2020 Q1	2.11	-0.29	-0.17	-0.57
Q2	-0.06	-0.61	-0.60	-12.63
Q3	1.31	0.04	-0.10	-5.65
Q4	2.28	0.09	-0.37	-4.50
2021 Q1	2.22	1.57	0.07	-4.97
Q2	5.13	2.55	0.88	10.38
Q3	3.47	-0.37	0.43	4.03

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 2019

	Final consumption expenditure				Gross fixed capital formation	Total exports	less Total imports
	Households	Non-profit institutions ²	General government	Gross capital formation			
Percentage change, latest year on previous year							
	ZZ93	ZZ94	ZZ95	ZZ96	ZZ97	ZZ98	ZZ99
2018	2.0	1.5	2.3	1.3	2.3	2.4	2.2
2019	1.3	1.8	2.0	3.0	2.8	2.0	1.1
2020	0.8	12.8	19.9	2.2	1.7	0.6	-0.5
Percentage change, latest quarter on previous quarter							
	ZZ8N	ZZ8O	ZZ8P	ZZ8Q	ZZ8R	ZZ8S	ZZ8T
2019 Q2	0.3	-0.5	0.1	3.1	1.1	1.0	1.5
Q3	0.3	2.2	3.8	0.1	0.4	0.6	1.2
Q4	-	2.1	-0.5	-1.5	0.1	-0.9	-1.8
2020 Q1	0.9	4.2	1.1	1.4	0.9	1.5	-0.6
Q2	-0.6	21.6	38.8	3.9	-0.2	-1.8	-0.5
Q3	0.2	-14.8	-15.2	-5.7	0.6	0.8	0.8
Q4	-0.1	-3.5	-2.2	4.9	0.2	0.7	1.6
2021 Q1	1.2	8.0	3.0	2.1	1.2	1.2	1.1
Q2	1.1	-7.9	-9.8	-1.3	-0.5	0.9	0.3
Q3	0.6	-1.5	2.2	-1.3	0.4	0.9	1.2
Percentage change, latest quarter on corresponding quarter of previous year							
	ZZ8U	ZZ8V	ZZ8W	ZZ8X	ZZ8Y	ZZ8Z	ZZ92
2019 Q2	1.4	0.9	1.7	4.1	3.4	2.3	1.6
Q3	1.5	1.9	3.7	4.2	3.2	1.9	1.6
Q4	0.9	2.8	2.1	3.1	2.3	0.5	-0.2
2020 Q1	1.5	8.2	4.5	3.1	2.6	2.2	0.3
Q2	0.6	32.2	44.8	3.9	1.3	-0.7	-1.7
Q3	0.5	10.2	18.3	-2.1	1.5	-0.4	-2.1
Q4	0.4	4.2	16.3	4.2	1.5	1.2	1.3
2021 Q1	0.7	8.0	18.5	4.9	1.8	0.9	3.0
Q2	2.4	-18.2	-23.0	-0.4	1.5	3.7	3.8
Q3	2.8	-5.3	-7.1	4.3	1.3	3.8	4.2

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

² Non-profit institutions serving households

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

Seasonally adjusted data

Reference year 2019

	Agri- culture, forestry, and fishing	Total Production	Mining & quarrying inc oil & gas extract	Manu- facturing	Electric, gas, steam & air	Water supply, sewerage	Constr- uction	Total Services	Distrib- ution, hotels & restaurants	Transport, storage and commu- nications	Business services and finance	Govern- ment & other services
Percentage change, latest year on previous year												
Current estimates³												
	L3BB	L3BG	L3BH	L3BN	L3DM	L3DQ	L3DW	L3E2	L3GP	KI8L	KI8N	KI8P
2018	-10.9	3.5	5.0	3.9	2.0	0.5	-2.0	1.6	-1.4	9.5	0.5	1.5
2019	15.9	3.6	1.3	3.1	12.9	-0.5	-0.1	1.6	0.6	5.4	0.2	2.6
2020	-9.0	-8.4	-19.0	-9.0	-2.3	-1.7	-16.1	-8.8	-15.1	-9.5	-5.2	-10.3
Previous estimates²												
	A2EQ	A2ER	A2ET	A2ES	A2EU	A2EV	A2EW	A2EY	A2F2	A2F3	A2F4	A2F5
2018	-10.9	3.5	5.0	3.9	2.0	0.5	-2.0	1.6	-1.4	9.5	0.5	1.5
2019	15.9	3.6	1.3	3.1	12.9	-0.5	-0.1	1.6	0.6	5.4	0.2	2.6
2020	-9.1	-8.3	-19.5	-8.8	-2.1	-1.8	-16.1	-8.8	-14.2	-9.7	-5.2	-10.3
Revisions												
	ZZ52	ZZ53	ZZ55	ZZ54	ZZ56	ZZ57	ZZ58	ZZ59	ZZ5A	ZZ5B	ZZ5C	ZZ5D
2018	-	-	-	-	-	-	-	-	-	-	-	-
2019	-	-	-	-	-	-	-	-	-	-	-	-
2020	0.1	-0.1	0.5	-0.2	-0.2	0.1	-	-	-0.9	0.2	-	-
Percentage change, latest quarter on previous quarter												
Current estimates³												
	L3BB	L3BG	L3BH	L3BN	L3DM	L3DQ	L3DW	L3E2	L3GP	KI8L	KI8N	KI8P
2019 Q2	4.5	-1.8	-19.8	-1.1	7.1	1.5	2.6	0.3	0.2	1.1	-0.1	0.9
Q3	11.5	-0.1	-2.9	0.2	-0.9	-0.7	-3.6	0.7	-	0.4	0.9	0.8
Q4	2.2	-0.1	-7.5	0.1	4.9	-1.2	-1.9	0.1	-0.4	-0.5	-0.2	0.9
2020 Q1	-7.7	-2.4	-3.7	-2.2	-5.1	0.6	-1.6	-2.7	-4.7	-2.6	-0.9	-4.3
Q2	-15.9	-17.3	-1.0	-21.7	-8.5	-5.3	-35.7	-18.2	-34.1	-15.9	-9.6	-23.2
Q3	6.1	16.5	-4.3	21.7	11.0	4.9	41.4	16.4	50.7	9.9	4.9	23.4
Q4	1.9	2.4	-3.2	3.8	-1.8	0.9	4.8	1.1	-7.2	2.5	2.0	4.3
2021 Q1	-2.6	-0.3	-3.7	-0.6	1.9	2.2	1.9	-1.6	-7.1	-0.6	1.1	-3.1
Q2	3.1	0.7	-16.0	1.8	2.7	0.4	3.6	6.4	21.3	2.6	0.4	10.2
Q3	0.3	-0.1	22.2	-0.7	-7.3	2.0	-1.0	1.4	3.4	2.5	0.7	0.6
Previous estimates²												
	A2CX	A2CY	A2DO	A2DL	A2DR	A2DS	A2DT	A2DU	A2DV	A2DW	A2DX	A2DY
2019 Q2	4.5	-1.8	-19.8	-1.1	7.1	1.5	2.6	0.3	0.2	1.1	-0.1	0.9
Q3	11.5	-0.1	-2.9	0.2	-0.9	-0.7	-3.6	0.7	-	0.4	0.9	0.8
Q4	2.2	-0.1	-7.5	0.1	4.9	-1.2	-1.9	0.1	-0.4	-0.5	-0.2	0.9
2020 Q1	-7.7	-2.4	-4.6	-2.2	-4.4	0.6	-1.8	-2.6	-4.1	-3.1	-0.8	-3.6
Q2	-16.0	-17.4	-3.2	-21.6	-8.8	-5.4	-35.6	-18.3	-33.5	-15.9	-9.9	-23.8
Q3	6.3	17.1	0.3	22.1	9.9	4.7	41.2	16.5	50.0	10.5	4.9	23.4
Q4	1.8	2.5	-4.0	3.9	-1.4	0.9	5.0	0.9	-7.2	2.5	2.0	3.5
2021 Q1	-2.6	-0.4	-5.2	-1.0	3.4	2.9	2.2	-1.8	-7.3	-0.5	1.1	-3.7
Q2	3.1	1.0	-15.9	1.8	4.4	0.8	3.8	6.5	21.6	1.6	0.2	10.9
Q3	0.7	0.8	26.3	-0.3	-4.0	1.5	-1.5	1.6	3.1	1.3	0.5	2.7
Revisions												
	ZZ4A	ZZ4B	ZZ4D	ZZ4C	ZZ4E	ZZ4F	ZZ4G	ZZ4H	ZZ4I	ZZ4J	ZZ4K	ZZ4L
2019 Q2	-	-	-	-	-	-	-	-	-	-	-	-
Q3	-	-	-	-	-	-	-	-	-	-	-	-
Q4	-	-	-	-	-	-	-	-	-	-	-	-
2020 Q1	-	-	0.9	-	-0.7	-	0.2	-0.1	-0.6	0.5	-0.1	-0.7
Q2	0.1	0.1	2.2	-0.1	0.3	0.1	-0.1	0.1	-0.6	-	0.3	0.6
Q3	-0.2	-0.6	-4.6	-0.4	1.1	0.2	0.2	-0.1	0.7	-0.6	-	-
Q4	0.1	-0.1	0.8	-0.1	-0.4	-	-0.2	0.2	-	-	-	0.8
2021 Q1	-	0.1	1.5	0.4	-1.5	-0.7	-0.3	0.2	0.2	-0.1	-	0.6
Q2	-	-0.3	-0.1	-	-1.7	-0.4	-0.2	-0.1	-0.3	1.0	0.2	-0.7
Q3	-0.4	-0.9	-4.1	-0.4	-3.3	0.5	0.5	-0.2	0.3	1.2	0.2	-2.1

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

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

3 Current estimate refers to the estimates released within this publication (Quarterly National Accounts)

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

continued

Seasonally adjusted data

Reference year 2019

	Agri- culture, forestry, and fishing	Total Production	Mining & quarrying & gas extract	Manu- facturing	Electric, gas, steam & air	Water supply, sewerage	Constr- uction	Total Services	Distri- bution, hotels & restaurants	Transport, storage and commu- nications	Business services and finance	Govern- ment & other services	
Percentage growths, latest quarter on corresponding quarter of previous year													
Current estimates³													
	L3ZZ	L426	L427	L42D	L44C	L44G	L44M	L44Q	L47F	KII2	KIH9	KIH8	
2019	Q2	4.9	4.5	9.9	2.8	17.9	0.3	3.0	1.5	0.7	6.0	-0.1	2.5
	Q3	18.4	1.3	-18.8	2.2	12.9	-1.0	-1.3	1.8	0.6	4.6	0.7	2.9
	Q4	26.6	-0.5	-37.0	2.4	15.9	-0.8	-2.8	1.5	0.4	2.5	0.4	3.3
2020	Q1	9.9	-4.3	-30.7	-3.0	5.7	0.2	-4.6	-1.7	-4.9	-1.7	-0.3	-1.9
	Q2	-11.6	-19.5	-14.4	-23.1	-9.7	-6.5	-40.2	-19.9	-37.5	-18.2	-9.8	-25.3
	Q3	-15.8	-6.1	-15.6	-6.7	1.1	-1.2	-12.3	-7.3	-5.8	-10.4	-6.3	-8.5
	Q4	-16.0	-3.7	-11.7	-3.2	-5.4	0.9	-6.3	-6.4	-12.2	-7.6	-4.3	-5.5
2021	Q1	-11.4	-1.6	-11.7	-1.7	1.5	2.5	-2.9	-5.3	-14.4	-5.8	-2.3	-4.3
	Q2	8.6	19.8	-25.0	27.8	14.0	8.6	56.5	23.3	57.6	14.9	8.5	37.4
	Q3	2.6	2.8	-4.2	4.3	-4.8	5.6	9.6	7.4	8.2	7.2	4.2	12.1
Previous estimates²													
	A2DZ	A2E2	A2E4	A2E3	A2E5	A2EE	A2EK	A2EL	A2EM	A2EN	A2EO	A2EP	
2019	Q2	4.9	4.5	9.9	2.8	17.9	0.3	3.0	1.5	0.7	6.0	-0.1	2.5
	Q3	18.4	1.3	-18.8	2.2	12.9	-1.0	-1.3	1.8	0.6	4.6	0.7	2.9
	Q4	26.6	-0.5	-37.0	2.4	15.9	-0.8	-2.8	1.5	0.4	2.5	0.4	3.3
2020	Q1	9.9	-4.4	-31.3	-3.0	6.5	0.3	-4.7	-1.5	-4.3	-2.1	-0.1	-1.2
	Q2	-11.7	-19.6	-17.1	-23.1	-9.3	-6.5	-40.2	-19.9	-36.5	-18.5	-9.9	-25.3
	Q3	-15.8	-5.7	-14.4	-6.3	0.6	-1.4	-12.4	-7.3	-4.8	-10.3	-6.3	-8.5
	Q4	-16.1	-3.4	-11.2	-2.7	-5.5	0.7	-6.3	-6.5	-11.3	-7.5	-4.3	-6.2
2021	Q1	-11.5	-1.4	-11.7	-1.5	2.1	3.0	-2.4	-5.7	-14.3	-5.1	-2.5	-6.2
	Q2	8.7	20.6	-23.3	27.9	16.9	9.7	57.3	22.9	56.8	14.6	8.5	36.4
	Q3	3.0	3.8	-3.3	4.4	2.1	6.3	9.7	7.2	7.9	5.0	4.0	13.5
Revisions													
	ZZ4N	ZZ4O	ZZ4Q	ZZ4P	ZZ4R	ZZ4S	ZZ4T	ZZ4U	ZZ4V	ZZ4W	ZZ4X	ZZ4Y	
2019	Q2	-	-	-	-	-	-	-	-	-	-	-	
	Q3	-	-	-	-	-	-	-	-	-	-	-	
	Q4	-	-	-	-	-	-	-	-	-	-	-	
2020	Q1	-	0.1	0.6	-	-0.8	-0.1	0.1	-0.2	-0.6	0.4	-0.2	-0.7
	Q2	0.1	0.1	2.7	-	-0.4	-	-	-	-1.0	0.3	0.1	-
	Q3	-	-0.4	-1.2	-0.4	0.5	0.2	0.1	-	-1.0	-0.1	-	-
	Q4	0.1	-0.3	-0.5	-0.5	0.1	0.2	-	0.1	-0.9	-0.1	-	0.7
2021	Q1	0.1	-0.2	-	-0.2	-0.6	-0.5	-0.5	0.4	-0.1	-0.7	0.2	1.9
	Q2	-0.1	-0.8	-1.7	-0.1	-2.9	-1.1	-0.8	0.4	0.8	0.3	-	1.0
	Q3	-0.4	-1.0	-0.9	-0.1	-6.9	-0.7	-0.1	0.2	0.3	2.2	0.2	-1.4

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

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

3 Current estimate refers to the estimates released within this publication (Quarterly National Accounts)

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

Seasonally adjusted data

Reference year 2019

	Final consumption expenditure							less Total imports
	Households	Non-profit institutions ^{3, 6}	General government	Gross Capital Formation	Gross Fixed Capital Formation	Business investment ⁵	Total exports	
Percentage change, latest year on previous year								
Current estimates⁴								
	KGZ5	KH26	KH2I	ZZ6H	KG7N	KG7M	KH2U	KH3N
2018	2.1	9.0	0.4	1.0	-0.1	-2.0	2.8	3.1
2019	1.2	2.1	4.2	-0.1	0.5	0.9	3.4	2.9
2020	-10.5	-9.9	-5.4	-12.7	-9.4	-11.4	-13.9	-15.9
Previous estimates²								
	A275	A276	A289	A28J	A28L	A29D	A29F	A2CK
2018	2.1	9.0	0.4	1.0	-0.1	-2.0	2.8	3.1
2019	1.2	2.1	4.2	-0.1	0.5	0.9	3.4	2.9
2020	-10.5	-20.3	-6.3	-12.4	-9.1	-11.1	-14.7	-16.8
Revisions								
	ZZ83	ZZ84	ZZ85	ZZ86	ZZ87	ZZ88	ZZ89	ZZ8A
2018	-	-	-	-	-	-	-	-
2019	-	-	-	-	-	-	-	-
2020	-	10.4	0.9	-0.3	-0.3	-0.3	0.8	0.9
Percentage change, latest quarter on previous quarter								
Current estimates⁴								
	KGZ6	KH27	KH2J	ZZ5H	KG7Q	KG7P	KH2V	KH3O
2019 Q2	0.8	1.8	-0.4	-15.0	-1.6	0.1	-1.7	-9.7
Q3	-0.3	-0.7	0.1	-3.9	1.2	1.2	5.2	0.5
Q4	-0.6	-0.7	2.6	-13.6	-1.4	-0.3	6.2	-1.0
2020 Q1	-2.7	-4.1	-2.1	13.3	-2.5	-2.6	-13.6	-6.1
Q2	-20.0	-18.7	-17.9	-33.2	-18.4	-18.6	-11.4	-22.0
Q3	19.6	18.1	18.1	36.3	16.1	8.6	0.7	14.8
Q4	-1.6	4.0	3.7	21.3	3.7	5.0	6.9	14.0
2021 Q1	-3.7	-6.1	1.8	-3.1	-1.1	-7.5	-7.3	-10.7
Q2	8.2	8.8	8.3	-8.8	2.3	8.3	6.7	4.8
Q3	2.7	2.0	-0.5	4.8	-0.9	-2.5	-3.5	1.1
Previous estimates²								
	A24M	A24X	A24Y	A25I	A25J	A25M	A264	A268
2019 Q2	0.8	1.8	-0.4	-15.0	-1.6	0.1	-1.7	-9.7
Q3	-0.3	-0.7	0.1	-3.9	1.2	1.2	5.2	0.5
Q4	-0.6	-0.7	2.6	-13.6	-1.4	-0.3	6.2	-1.0
2020 Q1	-2.6	-6.1	-3.0	14.6	-2.6	-2.2	-14.2	-6.6
Q2	-20.3	-22.7	-17.7	-36.0	-19.3	-21.0	-10.8	-22.6
Q3	19.9	5.8	17.0	43.8	18.9	12.5	-0.5	15.2
Q4	-1.8	0.2	4.8	18.9	4.4	6.0	6.4	14.0
2021 Q1	-4.4	0.2	2.0	-2.0	-3.0	-9.3	-8.0	-11.5
Q2	7.2	3.0	8.1	-7.2	0.8	4.5	6.2	2.4
Q3	2.0	1.6	0.9	5.8	0.8	0.4	-1.9	2.5
Revisions								
	ZZ7L	ZZ7M	ZZ7N	ZZ7O	ZZ7P	ZZ7Q	ZZ7R	ZZ7S
2019 Q2	-	-	-	-	-	-	-	-
Q3	-	-	-	-	-	-	-	-
Q4	-	-	-	-	-	-	-	-
2020 Q1	-0.1	2.0	0.9	-1.3	0.1	-0.4	0.6	0.5
Q2	0.3	4.0	-0.2	2.8	0.9	2.4	-0.6	0.6
Q3	-0.3	12.3	1.1	-7.5	-2.8	-3.9	1.2	-0.4
Q4	0.2	3.8	-1.1	2.4	-0.7	-1.0	0.5	-
2021 Q1	0.7	-6.3	-0.2	-1.1	1.9	1.8	0.7	0.8
Q2	1.0	5.8	0.2	-1.6	1.5	3.8	0.5	2.4
Q3	0.7	0.4	-1.4	-1.0	-1.7	-2.9	-1.6	-1.4

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

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

3 Non-profit institutions serving households

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

5 Whilst quality assuring the business investment dataset, a discrepancy was found where annual Non-Seasonally Adjusted CVM data does not equal annual Seasonally Adjusted CVM data for the years 1997 to 2019. This issue affects Business Investment and its component assets. The largest difference in any given year is -£9m in business investment and -£13m in the sub-components. The correct data series to use for the annual timeline is the Non-Seasonally Adjusted series, NPEN.

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

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

continued

Seasonally adjusted data

Reference year 2019

	Final consumption expenditure							Total exports	less Total imports
	Households	Non-profit institutions ³	General government	Gross capital formation	Gross fixed capital formation	Business investment ⁵			
Percentage change, latest quarter on corresponding quarter of the previous year									
Current estimates⁴									
	KGZ7	KH28	KH2K	ZZ5Y	KG7T	KG7S	KH2W	KH3P	
2019 Q2	2.3	4.7	3.7	-1.2	-0.1	0.2	-0.3	0.9	
Q3	1.2	1.3	3.5	-3.0	0.6	2.5	3.6	1.7	
Q4	-0.1	-2.8	5.4	-17.6	-0.1	2.7	9.1	-2.8	
2020 Q1	-2.8	-3.7	-	-20.0	-4.3	-1.6	-5.2	-15.6	
Q2	-22.9	-23.1	-17.5	-37.2	-20.6	-20.0	-14.4	-27.1	
Q3	-7.6	-8.6	-2.6	-10.9	-8.9	-14.2	-18.1	-16.8	
Q4	-8.5	-4.2	-1.5	25.1	-4.1	-9.6	-17.5	-4.1	
2021 Q1	-9.5	-6.2	2.4	6.9	-2.8	-14.2	-11.5	-8.8	
Q2	22.5	25.5	35.0	46.1	21.9	14.2	6.5	22.5	
Q3	5.3	8.4	13.7	12.3	3.9	2.6	2.0	7.9	
Previous estimates²									
	A26C	A26H	A26I	A26J	A26K	A26L	A26M	A26N	
2019 Q2	2.3	4.7	3.7	-1.2	-0.1	0.2	-0.3	0.9	
Q3	1.2	1.3	3.5	-3.0	0.6	2.5	3.6	1.7	
Q4	-0.1	-2.8	5.4	-17.6	-0.1	2.7	9.1	-2.8	
2020 Q1	-2.7	-5.8	-0.9	-19.1	-4.4	-1.2	-5.8	-16.1	
Q2	-23.1	-28.4	-18.1	-39.2	-21.6	-22.0	-14.4	-28.1	
Q3	-7.5	-23.7	-4.3	-9.0	-7.9	-13.3	-19.1	-17.7	
Q4	-8.5	-23.0	-2.2	25.3	-2.4	-7.9	-18.9	-5.1	
2021 Q1	-10.3	-17.8	2.9	7.1	-2.8	-14.6	-13.1	-10.1	
Q2	20.7	9.5	35.2	55.4	21.4	12.9	3.5	19.1	
Q3	2.7	5.1	16.6	14.4	3.0	0.8	2.1	6.0	
Revisions									
	ZZ7T	ZZ7U	ZZ7V	ZZ7W	ZZ7X	ZZ7Y	ZZ7Z	ZZ82	
2019 Q2	-	-	-	-	-	-	-	-	
Q3	-	-	-	-	-	-	-	-	
Q4	-	-	-	-	-	-	-	-	
2020 Q1	-0.1	2.1	0.9	-0.9	0.1	-0.4	0.6	0.5	
Q2	0.2	5.3	0.6	2.0	1.0	2.0	-	1.0	
Q3	-0.1	15.1	1.7	-1.9	-1.0	-0.9	1.0	0.9	
Q4	-	18.8	0.7	-0.2	-1.7	-1.7	1.4	1.0	
2021 Q1	0.8	11.6	-0.5	-0.2	-	0.4	1.6	1.3	
Q2	1.8	16.0	-0.2	-9.3	0.5	1.3	3.0	3.4	
Q3	2.6	3.3	-2.9	-2.1	0.9	1.8	-0.1	1.9	

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

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

3 Non-profit institutions serving households

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

5 Whilst quality assuring the business investment dataset, a discrepancy was found where annual Non-Seasonally Adjusted CVM data does not equal annual Seasonally Adjusted CVM data for the years 1997 to 2019. This issue affects Business Investment and its component assets. The largest difference in any given year is -£9m in business investment and -£13m in the sub-components. The correct data series to use for the annual timeline is the Non-Seasonally Adjusted series, NPEN.

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

Seasonally adjusted data

	Compensation of employees	Gross operating surplus of corporations	Other income	Taxes on products & production less subsidies
Percentage change, latest year on previous year				
Current estimates³				
	KGI3	KH4V	KH6T	KH65
2018	4.1	2.3	4.8	3.0
2019	4.8	3.3	2.4	2.4
2020	2.9	-0.9	-1.8	-49.8
Previous estimates²				
	A2CT	A2CU	A2CV	A2CW
2018	4.1	2.3	4.8	3.0
2019	4.8	3.3	2.4	2.4
2020	2.6	-1.0	-1.9	-49.7
Revisions				
	ZZ8J	ZZ8K	ZZ8L	ZZ8M
2018	-	-	-	-
2019	-	-	-	-
2020	0.3	0.1	0.1	-0.1
Percentage change, latest quarter on previous quarter				
Current estimates³				
	KGI4	KH4W	KH6U	KH66
2019 Q2	1.7	-2.8	-	4.7
Q3	1.1	5.5	-0.9	-2.6
Q4	0.6	-1.5	0.8	-1.3
2020 Q1	0.9	-2.3	-0.9	-5.4
Q2	-2.6	-4.3	-2.4	-104.5
Q3	3.9	8.8	2.0	-1 342.8
Q4	2.6	-1.3	-0.8	13.9
2021 Q1	0.4	4.1	1.6	-11.0
Q2	2.0	-0.9	1.6	37.2
Q3	1.6	-3.3	-0.1	18.0
Previous estimates²				
	A2CL	A2CM	A2CN	A2CO
2019 Q2	1.7	-2.8	-	4.7
Q3	1.1	5.5	-0.9	-2.6
Q4	0.6	-1.5	0.8	-1.3
2020 Q1	0.9	-1.0	-1.0	-8.7
Q2	-2.9	-5.0	-2.4	-101.4
Q3	3.9	7.3	2.0	-4 279.9
Q4	2.4	-2.0	-1.1	11.8
2021 Q1	0.5	5.2	1.6	-10.6
Q2	1.8	-0.8	1.6	32.5
Q3	1.5	-5.0	1.2	19.3
Revisions				
	ZZ8B	ZZ8C	ZZ8D	ZZ8E
2019 Q2	-	-	-	-
Q3	-	-	-	-
Q4	-	-	-	-
2020 Q1	-	-1.3	0.1	3.3
Q2	0.3	0.7	-	-3.1
Q3	-	1.5	-	2 937.1
Q4	0.2	0.7	0.3	2.1
2021 Q1	-0.1	-1.1	-	-0.4
Q2	0.2	-0.1	-	4.7
Q3	0.1	1.7	-1.3	-1.3

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

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

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

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

continued Seasonally adjusted data

	Compen- sation of employees	Gross operating surplus of corporations	Other income	Taxes on products & production less subsidies
Percentage change, latest quarter on corresponding quarter of previous year				
Current estimates³				
	KGI5	KH4X	KH6V	KH67
2019 Q2	6.0	0.7	3.0	1.9
Q3	4.9	4.9	1.4	2.4
Q4	3.5	5.6	0.7	1.0
2020 Q1	4.3	-1.3	-1.0	-4.8
Q2	-0.1	-2.8	-3.3	-104.1
Q3	2.7	0.2	-0.6	-47.9
Q4	4.8	0.4	-2.1	-39.9
2021 Q1	4.3	7.0	0.4	-43.4
Q2	9.2	10.7	4.5	-1 829.1
Q3	6.7	-1.6	2.4	64.2
Previous estimates²				
	A2CP	A2CQ	A2CR	A2CS
2019 Q2	6.0	0.7	3.0	1.9
Q3	4.9	4.9	1.4	2.4
Q4	3.5	5.6	0.7	1.0
2020 Q1	4.3	0.1	-1.0	-8.1
Q2	-0.4	-2.2	-3.4	-101.2
Q3	2.4	-0.6	-0.6	-47.1
Q4	4.2	-1.1	-2.6	-40.1
2021 Q1	3.8	5.1	-0.1	-41.4
Q2	8.8	9.7	4.0	-5 632.9
Q3	6.4	-2.8	3.2	57.9
Revisions				
	ZZ8F	ZZ8G	ZZ8H	ZZ8I
2019 Q2	-	-	-	-
Q3	-	-	-	-
Q4	-	-	-	-
2020 Q1	-	-1.4	-	3.3
Q2	0.3	-0.6	0.1	-2.9
Q3	0.3	0.8	-	-0.8
Q4	0.6	1.5	0.5	0.2
2021 Q1	0.5	1.9	0.5	-2.0
Q2	0.4	1.0	0.5	3 803.8
Q3	0.3	1.2	-0.8	6.3

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

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

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