

Statistical bulletin

# GDP quarterly national accounts, UK: October to December 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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# 1 . Main points

- UK gross domestic product (GDP) is estimated to have increased by 1.3% in Quarter 4 (Oct to Dec) 2021, upwardly revised from the first quarterly estimate of a 1.0% increase.
- The level of GDP is now 0.1% below where it was pre-coronavirus (COVID-19) at Quarter 4 2019, revised from the previous estimate of 0.4% below.
- Annual GDP in 2021 is now estimated to have increased by a revised 7.4% (previously 7.5%), following a revised 9.3% decline in 2020 (previously 9.4% fall).
- In output terms, the largest contributors to the Quarter 4 increase were from human health and social work activities, driven by increased GP visits at the start of the quarter, and a large increase in coronavirus testing and tracing activities, and the extension of the vaccination programme.
- The UK's net borrowing position with the rest of the world reduced to negative 1.3% as a percentage of GDP in Quarter 4 2021 compared with negative 5.1% of GDP in Quarter 3 (July to Sept) 2021.
- The household saving ratio decreased to 6.8% in Quarter 4 2021 compared with 7.5% in Quarter 3 2021.

GDP estimates for Quarter 4 2021 are subject to [more uncertainty than usual](#) as a result of the challenges we faced estimating GDP in the current conditions.

## 2 . Headline GDP figures

UK gross domestic product (GDP) is estimated to have increased by 1.3% in Quarter 4 (Oct to Dec) 2021, upwardly revised from the first quarterly estimate of 1.0% (Figure 1), because of broad-based revisions across the services sector. These revised estimates show that UK GDP is now 0.1% below its pre-coronavirus (COVID-19) levels.

The [indicative monthly GDP path](#) shows that [GDP in December 2021](#) fell by 0.2%, with reports that the Omicron variant of COVID-19 impacted certain industries, retailing and hospitality in particular.

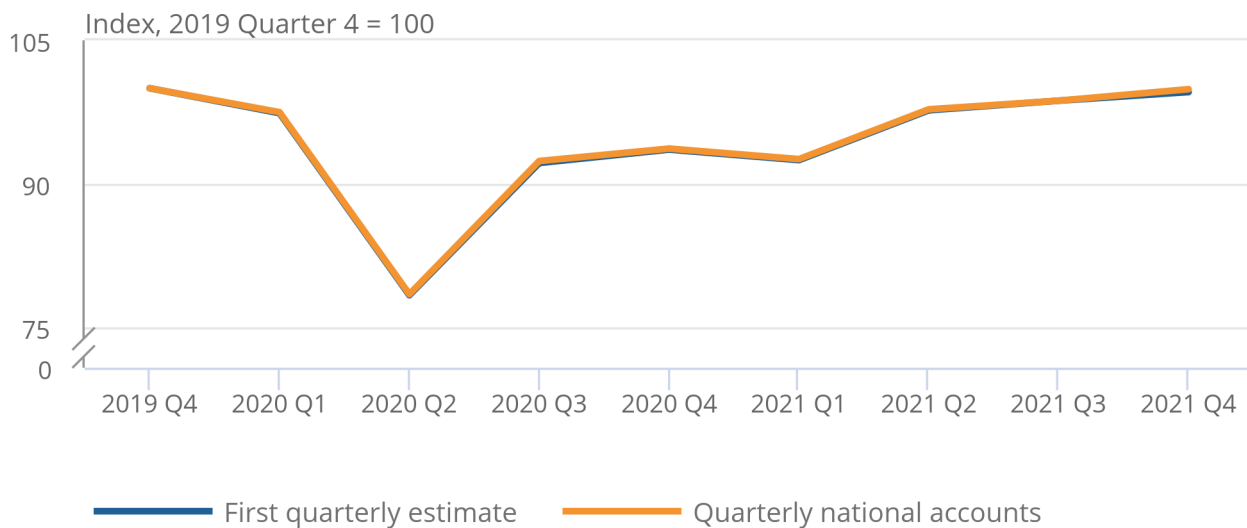
Annual GDP growth was marginally revised for both 2020 and 2021. Following the 9.3% fall in 2020, which reflected the initial impact of the coronavirus pandemic and public health restrictions, there was a rebound in GDP, which saw an annual rise of 7.4% in 2021. This was the largest annual increase in GDP since the Second World War according to [Bank of England estimates](#) (XLSX, 28.4MB).

**Figure 1: Real GDP increased by 1.3% in Quarter 4 2021 and is now estimated to be 0.1% below its pre-coronavirus level (Quarter 4 2019)**

UK, Quarter 4 (Oct to Dec) 2019 to Quarter 4 2021

Figure 1: Real GDP increased by 1.3% in Quarter 4 2021 and is now estimated to be 0.1% below its pre-coronavirus level (Quarter 4 2019)

UK, Quarter 4 (Oct to Dec) 2019 to Quarter 4 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 and rounded to 1 decimal place.
3. Please note, this release sees revisions to to Quarter 1 2020 to Quarter 4 2021 quarters in line with the [National Accounts revision policy](#). For more information, see the revisions to GDP section.

Nominal GDP rose by 3.0% in Quarter 4 2021, revised upwards from 1.5%. It is now a revised 5.9% above its Quarter 4 2019 levels.

The implied GDP deflator rose by 1.7% in Quarter 4 2021 (compared with Quarter 3 (July to Sept) 2021), upwardly revised from a first quarterly estimate of 0.6%. The quarterly change primarily reflected a revised increase in the implied price of household consumption.

Compared with the same quarter a year ago, the implied GDP deflator rose by 1.7%, revised from 0.8%. This was mainly driven by the 4.4% increase in the implied price of household consumption. This deflator represents the broadest measure of inflation in the domestic economy, reflecting changes in the price of all goods and services that comprise GDP.

Table 1: Headline national accounts indicators for the UK

% growth<sup>1</sup>

	Chained volume measures			Current market prices			
	GDP	Household expenditure	Gross fixed capital formation	GDP per head <sup>3</sup>	GDP of employees	Compensation of employees	GDP implied deflator
<b>Seasonally adjusted</b>							
<b>2020</b>	-9.3	-10.5	-9.5	-9.7	-4.7	2.9	5.1
<b>2021</b>	7.4	6.2	5.9	6.7	7.8	5.9	0.3
<b>2020 Q1</b>	-2.5	-2.8	-2.7	-2.6	-1.2	0.9	1.4
<b>2020 Q2</b>	-19.4	-20.0	-18.4	-19.5	-13.1	-2.8	7.9
<b>2020 Q3</b>	17.6	19.6	16.5	17.4	11.8	4.0	-4.9
<b>2020 Q4</b>	1.5	-1.6	3.6	1.3	1.7	2.7	0.2
<b>2021 Q1</b>	-1.2	-3.4	-0.9	-1.3	0.1	0.1	1.3
<b>2021 Q2</b>	5.6	8.5	1.7	5.4	3.6	1.9	-1.9
<b>2021 Q3</b>	0.9	2.6	0.4	0.9	1.6	1.4	0.6
<b>2021 Q4</b>	1.3	0.5	1.1	1.3	3.0	1.1	1.7

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.

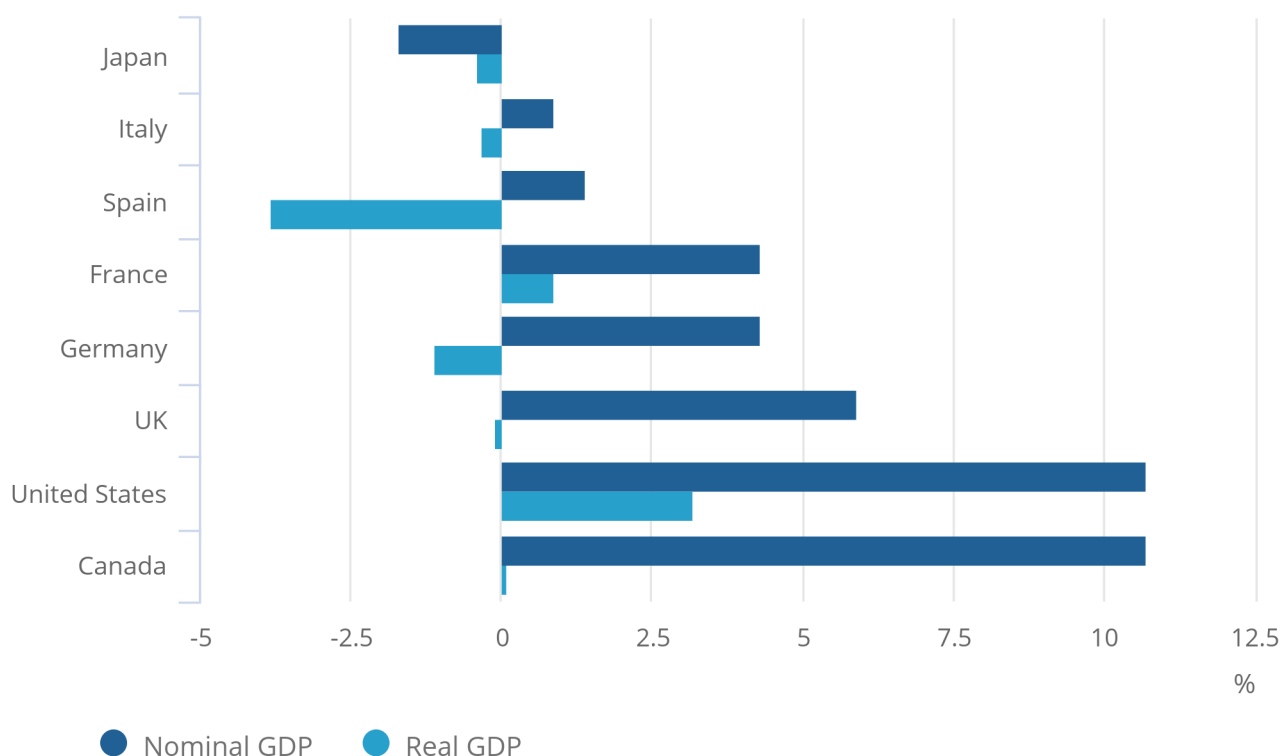
Figure 2 shows the latest nominal and real GDP estimates for a selection of developed economies up to the end of 2021. The United States, France and Canada are above their pre-coronavirus level of real GDP. Recent analysis highlights the [challenges of making international comparisons of GDP at this 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 G7 countries are now near their real GDP pre-coronavirus levels (Quarter 4 2019)**

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

Figure 2: International comparisons show that most of the G7 countries are now near their real GDP pre-coronavirus levels (Quarter 4 2019)

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



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

**Notes:**

1. The chart shows the percentage change in nominal and real GDP in Quarter 4 (Oct to Dec) 2021 compared with pre-coronavirus Quarter 4 (Oct to Dec) 2019.
2. Data as of 28 March 2022.

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## 3 . Output

Output rose by 1.3% in Quarter 4 (Oct to Dec) 2021, revised up from a first quarterly estimate of 1.0%, reflecting broad-based revisions in the latest quarter. There was a quarterly increase in services and construction output, while production output fell in the latest quarter.

### Services

There was a rise in services output of 1.5% in Quarter 4 2021, revised up from a first quarterly estimate of 1.2%. The upward revision was driven by improvements across a range of services sub-industries. Services output is now 0.9% above Quarter 4 2019 levels.

There was a marked increase in output for human health and social work activities (4.3%) in Quarter 4 2021 – more information is provided in [Section 4: Expenditure](#). There was also strong growth of 4.3% across the professional, scientific and technical activities sector.

Growth in administration and support service activities (6.4%) was driven by high activity from employment agencies, travel agents and office administration. The quarterly increase in transport and storage (7.7%) was driven by increased retail activity during this period, because of stronger than usual Black Friday sales and online activity in the build-up to Christmas, leading to higher deliveries of goods. This was partially offset by falls in accommodation and food services (3.6%), which was adversely impacted by the emergence of the Omicron COVID-19 variant towards the end of the quarter, and education (1.8%).

The revised estimates of services output over the course of 2020 and 2021 have left the cumulative industry-level impacts broadly unchanged (Figure 3). Other service activities, which includes personal services such as hairdressers, saw a marked upward revision. This revision was driven by the updated Value Added Tax (VAT) data up to Quarter 3 2021, the latest seasonal adjustment review and updated Monthly Business Survey (MBS) data in the latest quarter.

### **Figure 3: The services sector in Quarter 4 2021 is now a revised 0.9% above its pre-coronavirus level (Quarter 4 2019)**

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

#### Notes:

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

**Download the data**

[.xlsx](#)

## Production

Production output fell by 0.2% in Quarter 4 2021, despite seeing a slight upward revision from its first quarterly estimate. Production output is now a revised 3.0% below its pre-coronavirus levels (Figure 4).

The fall in production output in the latest quarter was driven by electricity, gas, steam and air conditioning supply (3.8%) and mining and quarrying (5.3%). The fall in energy in Quarter 4 follows exceptionally high output levels in May 2021, mainly resulting from adverse weather conditions boosting demand for energy. The fall in mining and quarrying was driven by a fall in extraction of crude petroleum and natural gas, because of planned maintenance of oil fields throughout the year.

The 0.4% rise in manufacturing in Quarter 4 was largely driven by rises in the manufacture of basic pharmaceuticals. Anecdotal evidence in the [October 2021 monthly gross domestic product \(GDP\) release](#) found that businesses in some industries, including manufacturing of machinery and equipment, reported difficulties in sourcing supplies, which have led to them producing less output, despite seeing an increase in orders.

The revised estimates of the production sectors over the course of 2020 and 2021 are broadly unchanged (Figure 4). Water supply and sewerage (7.7% above) is the only production industry to have recovered above its pre-coronavirus levels, while mining and quarrying (16.3% below) and electricity, gas, steam and air conditioning (12.0% below) remain the furthest away from their Quarter 4 2019 levels. Manufacturing remains 1.5% below pre-coronavirus levels.

### Figure 4: The production sector in Quarter 4 2021 is now a revised 3.0% below its pre-coronavirus level (Quarter 4 2019)

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

#### Notes:

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

Download the data

[.xlsx](#)

## Construction

Construction output rose by 1.0% in Quarter 4 2021. Construction output saw revisions in all quarters except for the latest quarter, mainly because of updated seasonal adjustment parameters. VAT data were taken on for Quarter 3 2021 for the first time and had minimal impact, with Quarter 3 2021 revised down 0.1 percentage points to a fall of 1.5%. Construction output remains 1.8% below its pre-coronavirus levels.

More timelier estimates for [construction output](#) saw growth of 1.1% in January 2022, with anecdotal evidence suggesting the easing of sourcing construction product issues in the latter half of 2021. In addition, [total new orders](#) in the construction industry are at their highest level since Quarter 3 2017, recovering above their pre-coronavirus level, reflecting higher demand for all types of work across the industry.

## 4 . Expenditure

Expenditure rose by 1.3% in Quarter 4 (Oct to Dec) 2021. Private consumption is now 1.1% below its pre-coronavirus (COVID-19) level, while government expenditure is 8.6% above (Figure 5).

### Figure 5: Private consumption is now a revised 1.1% below its pre-coronavirus level (Quarter 4 2019)

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

**Notes:**

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

**Download the data**[.xlsx](#)



## Private consumption

Within private consumption, household expenditure rose by 0.5% in Quarter 4 2021, revised down from a first quarterly estimate of 1.2%, mainly because of downward revisions in transport spending.

The increase in household spending in the latest quarter was driven by rises in transport, [net tourism](#), and clothing and footwear. This was partly offset by falls in spending on household goods and services, food and drink, and alcohol and tobacco.

Household consumption is now 1.0% below its pre-coronavirus levels. Figure 6 shows how spending on different categories compares with its pre-coronavirus levels. Spending on household goods and services is 12.7% higher, while transport spending is 15.6% below its pre-coronavirus levels. Household spending on restaurants and hotels has now recovered to above its pre-coronavirus level.

### **Figure 6: Household consumption in Quarter 4 2021 is now a revised 1.0% below its pre-coronavirus level (Quarter 4 2019)**

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

Source: Office for National Statistics – GDP quarterly national accounts

#### Notes:

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

## Consumption of government goods and services

Real government consumption increased by 1.5% in Quarter 4 2021, revised down from a first quarterly estimate of 1.9%. The rise in government spending in the latest quarter was driven by an increase in health spending of 4.6%, reflecting a rise in the [NHS Test and Trace and COVID-19 vaccination programmes](#), including the booster programme.

Within the quarter, there was also strong non-COVID-19 health activity, with an increase in face-to-face appointments at GP surgeries and a continuation of the increased use of telephone consultations. Since Quarter 2 (Apr to June) 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.

Education consumption fell by a revised 1.5% in Quarter 4 2021 and is 5.9% below its pre-coronavirus level. The fall in the latest quarter reflects a decrease in student attendance towards the end of Quarter 4.

In current price terms, government consumption was revised downwards in 2021 to 7.0%. This was partly driven by downward revision to health expenditure. There were also downward revisions to current price expenditure on public administration and defence in 2021.

## Gross capital formation

Gross fixed capital formation increased by a revised 1.1% in Quarter 4 2021 and remains 1.9% below its pre-coronavirus levels. The rise in gross fixed capital formation in the latest quarter was driven by increased investment in transport equipment and dwellings.

The increase in capital expenditure on transport equipment in Quarter 4 reflects spending on vehicles as new licence plates were released; while the increase in dwellings investment partly reflects a rise in new housing orders following pent-up coronavirus demand. This was partly offset by falls in investment on other buildings and structures, and other machinery and equipment.

There was a rise of 1.0% in business investment in Quarter 4 2021, which is now 8.6% below pre-coronavirus levels, up from a first quarterly estimate of being 10.4% below. Similarly, a Bank of England survey reported that [business investment was expected to have been 11% lower in Quarter 4 2021 than normal](#) because of pandemic effects.

Excluding the alignment and balancing adjustments, inventories fell by £3.6 billion in Quarter 4 2021, revised from a first quarterly estimate rise in inventories.

Including balancing adjustments, inventories in real terms fell by £1.1 billion in Quarter 4 2021, whereas inventories in current prices saw an increase of £890 million, which reflects movements in oil and gas prices.

Note that alignment and balancing adjustments are typically applied to the inventories component to help balance the different approaches to gross domestic product (GDP). More detail can be found in [Section 10: Measuring the data](#). 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 4 (Oct to Dec) 2021

	<b>Change in inventories</b>	<b>Of which alignment</b>	<b>Of which balancing</b>	<b>Change in inventories excluding alignment and balancing</b>
<b>2020 Q1 Current price</b>	-2890	90		-2980
<b>Chained volume measure</b>	-2460	76		-2536
<b>2020 Q2 Current price</b>	-2323	-932		-1391
<b>Chained volume measure</b>	-5928	-859		-5069
<b>2020 Q3 Current price</b>	-8417	-1038		-7379
<b>Chained volume measure</b>	-5706	-1005		-4701
<b>2020 Q4 Current price</b>	4669	1880	500	2289
<b>Chained volume measure</b>	5117	1788	500	2829
<b>2021 Q1 Current price</b>	-172	-536	500	-136
<b>Chained volume measure</b>	672	-498	500	670
<b>2021 Q2 Current price</b>	-3768	-2906		-862
<b>Chained volume measure</b>	-3754	-2777		-977
<b>2021 Q3 Current price</b>	755	906	1000	-1151
<b>Chained volume measure</b>	2011	880	1000	131
<b>2021 Q4 Current price</b>	3426	2536	2500	-1610
<b>Chained volume measure</b>	1290	2395	2500	-3605

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 deficit was 1.0% of GDP in Quarter 4 2021, a narrowing from the 2.8% deficit of nominal GDP in Quarter 3 2021. However, movements in non-monetary gold have been particularly volatile in recent quarters and excluding this, the UK trade deficit in Quarter 4 2021 is 1.7% of nominal GDP, an improvement from 2.3% in the previous quarter.

Revisions to trade estimates primarily reflect updated [International Trade in Services Survey](#) data.

Total export volumes rose by a revised 6.9% in Quarter 4 2021, from a first quarterly estimate of 4.9%. The increase was driven by a 9.6% increase in the exports of goods, particularly in unspecified goods, fuels, and chemicals. Service exports increased by 4.0% in Quarter 4 2021, revised from a fall of 1.8%. This quarterly increase reflected a rise in other business services, telecommunications, and intellectual property.

Total import volumes rose by a revised 0.3% in Quarter 4 2021, from a first quarterly estimate of a 1.5% fall. The increase in service imports of 1.1% in Quarter 4 2021 was driven by rises in other business services; and sea transport, partially offset by falls in intellectual properties, and air transport. Goods imports was broadly flat in the fourth quarter with rises in fuels, and chemicals that was offset by falls in unspecified goods, and crude materials.

## 5 . Income

Nominal gross domestic product (GDP) rose by 3.0% in Quarter 4 (Oct to Dec) 2021, revised from 1.5% in the first quarterly estimate. The rise in nominal GDP was driven by an increase in all the main components of income (Figure 7). Nominal GDP is now 5.9% above its pre-coronavirus (COVID-19) pandemic levels.

Compensation of employees rose by a revised 1.1% in Quarter 4 2021. Growth in Quarter 4 2021 was driven by a revised 1.7% rise in wages and salaries. Revisions to public and private sector wages and salaries are because of updated survey and admin data. Employers' contributions fell by a revised 1.8% in Quarter 4 2021, driven by falls in redundancy payments.

Taxes less subsidies rose in Quarter 4 2021 by 7.8%, from an initial estimate of 4.1%.

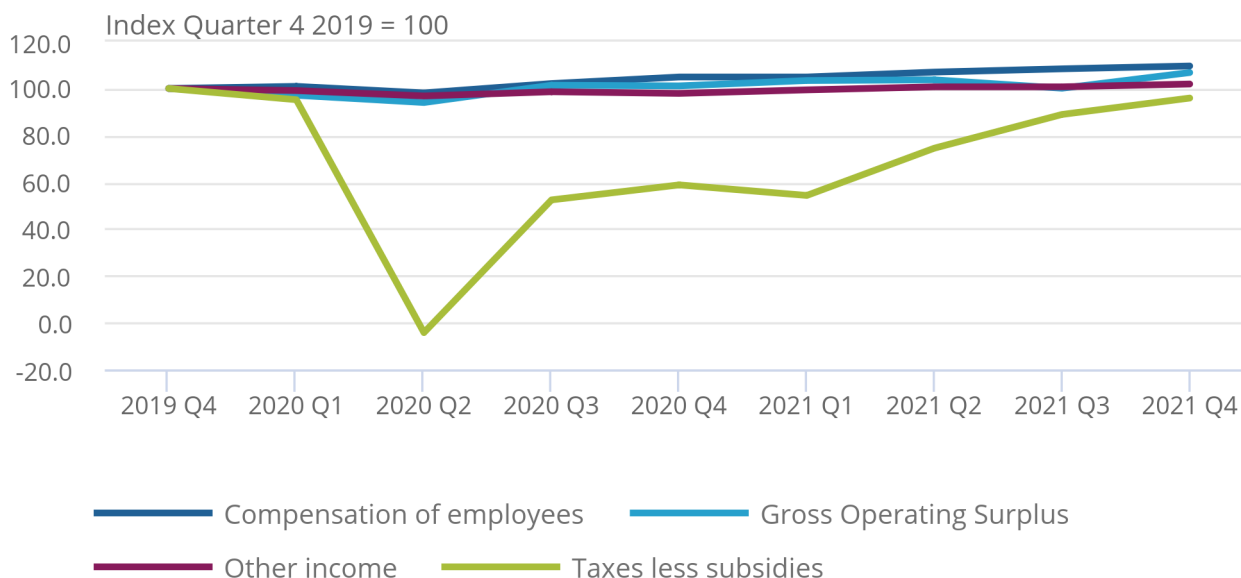
There was a fall in subsidies in Quarter 4 2021, primarily driven by reduced payments through the Coronavirus Job Retention Scheme (CJRS) and residual Self-Employment Income Support Scheme (SEISS). Taxes in Quarter 4 2021 fell, driven by reductions in Value Added Tax (VAT) receipts, Insurance Premium Tax and Fuel Duty.

**Figure 7: Nominal GDP increased by 3.0% in Quarter 4 2021**

UK, Quarter 4 (Oct to Dec) 2019 to Quarter 4 2021

Figure 7: Nominal GDP increased by 3.0% in Quarter 4 2021

UK, Quarter 4 (Oct to Dec) 2019 to Quarter 4 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.

Total gross operating surplus (GOS) rose by 6.7% in Quarter 4 2021. Excluding the alignment adjustment, GOS increased by 1.6% (Table 3). Note that alignment and balancing adjustments are typically applied to the GOS component to help balance the different approaches to GDP.

We previously referred to [practical challenges in balancing GDP](#) during the coronavirus pandemic. This in part reflects large government interventions in response to the pandemic in areas such as employment costs via the CJRS subsidy to businesses and the SEISS payment to the self-employed. These schemes, alongside various business grants, tax deferrals and the VAT rate cut for the hospitality sector, have all made the measurement of income more challenging across 2020 and 2021.

For these reasons, rather than forcing a GDP balance for income by adjusting the income components, we show the best estimate of each underlying component of income at this stage.

In doing so, this means that the alignment adjustment, used to align income to average GDP, is larger than normal in Quarter 3 2021 (Table 3). This both preserves the component level movements and shows the current level of challenge and uncertainty within the income approach to GDP. We will continue to review this over the coming quarters as and when more information becomes available, and when the quarters are open to revision.

Table 3: Gross operating surplus of corporations, including and excluding balancing and alignment adjustments UK, Quarter 1 (Jan to Mar) 2020 to Quarter 4 (Oct to Dec) 2021

	<b>Gross operating surplus of corporations</b>	<b>Of which alignment</b>	<b>Gross operating surplus of corporations excluding alignment</b>	<b>Gross operating surplus of corporations excluding alignment</b>
<b>Quarter-on-quarter growth</b>				
<b>2020 Q1</b>	120938	-2799	123737	-2.1
<b>2020 Q2</b>	117026	2397	114629	-7.4
<b>2020 Q3</b>	126208	1073	125135	9.2
<b>2020 Q4</b>	125810	-671	126481	1.1
<b>2021 Q1</b>	128782	1595	127187	0.6
<b>2021 Q2</b>	129070	188	128882	1.3
<b>2021 Q3</b>	124587	-4053	128640	-0.2
<b>2021 Q4</b>	132985	2270	130715	1.6

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 GDP

The dataset is open to revision back to Quarter 1 (Jan to Mar) 2020 as part of this publication. The standard approach based on our [National Accounts Revision Policy](#) would have seen the Quarter 4 (Oct to Dec) 2021 quarterly national accounts release only open to revision for one year (2021). However, in this publication we have also opened 2020 to allow for the processing of annual data for 2020 and 2021 so as to incorporate the latest available data.

We have also incorporated Value Added Tax (VAT) turnover data up to Quarter 3 (July to Sept) 2021, which estimates 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 4 (Oct to Dec) 2021, percentage points

	Percentage points							
	2020 Q1	2020 Q2	2020 Q3	2020 Q4	2021 Q1	2021 Q2	2021 Q3	2021 Q4
<b>Average GDP in chained volume measures</b>	0.1	0.0	0.0	0.0	0.0	0.0	-0.1	0.3
<b>Output</b>								
<b>Production</b>	-0.1	-0.4	0.6	0.2	0.0	-0.1	0.2	0.2
<b>Construction</b>	-0.3	0.1	0.2	0.3	-0.6	0.6	-0.1	0.0
<b>Services</b>	0.0	-0.1	0.3	-0.1	0.1	0.0	-0.1	0.3
<b>Expenditure</b>								
<b>Households</b>	-0.1	0.0	0.0	0.0	0.5	-0.3	-0.3	-0.7
<b>Non-profit institutions serving households</b>	-1.4	-4.5	5.5	0.0	-2.8	2.7	1.3	0.7
<b>General government</b>	-0.6	-0.4	0.6	0.3	-0.7	0.8	-0.6	-0.4
<b>Gross capital formation</b>	-1.3	0.8	0.1	0.8	-2.2	-0.3	2.2	4.2
<b>Total exports</b>	0.9	0.1	0.3	-0.3	-0.9	0.2	0.6	2.0
<b>Total imports</b>	-0.5	0.0	1.3	0.8	-1.4	0.6	1	1.8
<b>Average GDP in current prices</b>	-0.2	0.0	-0.1	0.1	-0.1	-0.4	0.2	1.5
<b>Income</b>								
<b>Compensation of employees</b>	0.0	-0.2	0.1	0.1	0.0	-0.3	-0.1	0.3
<b>Gross operating surplus of corporations</b>	-0.6	1.1	-1.0	1.0	-0.3	-2.5	0.8	4.5
<b>Other income</b>	0.0	0.0	0.0	0.0	-0.1	-0.1	-0.1	0.0
<b>Taxes on products and production less subsidies</b>	0.6	-0.1	34.4	-1.7	1.6	1.8	-0.3	3.7

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 February 2022 and quarterly national accounts published 31 March 2022.
3. Please note, revisions are rounded to 1 decimal place.

## 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 1.3% as a percentage of gross domestic product (GDP) in Quarter 4 (Oct to Dec) 2021, UK borrowing decreasing from negative 5.1% of GDP in Quarter 3 (July to Sept) 2021 (Figure 8). This was driven by an increase in the amount of earnings on direct investment paid to the UK by the rest of the world. In addition, the UK's trade deficit narrowed to £6.2 billion, from a deficit of £16.5 billion in Quarter 3 2021, driven by increases in exports of both goods and services.

Households saw a decrease in their net lending position to 0.6% as a percentage of GDP in Quarter 4 2021, down from 1.7% of GDP in the previous quarter. This was driven by an increase in household spending of £6.9 billion, a 1.9% increase on Quarter 3 2021, following on from a 3.9% rise in spending in the previous quarter. Household spending increased on transport, net tourism, and housing and utilities. This was partially offset by a rise in wages and salaries of £4.2 billion, which itself was driven by earnings growth in the private sector.

General government decreased its net borrowing position to negative 5.1% as a percentage of GDP in Quarter 4 2021, from negative 6.6% of GDP in Quarter 3 2021. Within this, central government saw a fall in subsidies paid of £5.7 billion, as COVID support schemes continued to wind down. This was partially offset by a rise in central government final consumption expenditure of £2.3 billion, driven by increased spending on health.

Non-financial corporations increased their net lending position to 3.4% of GDP in Quarter 4 2021 from 0.3% of GDP in Quarter 3 2021. Within non-financial corporations, private non-financial corporations (PNFCs) increased their net property income by £13.1 billion, driven by decreased dividend payments of £11.6 billion. This was partially offset by a rise in gross capital formation of £3.5 billion.

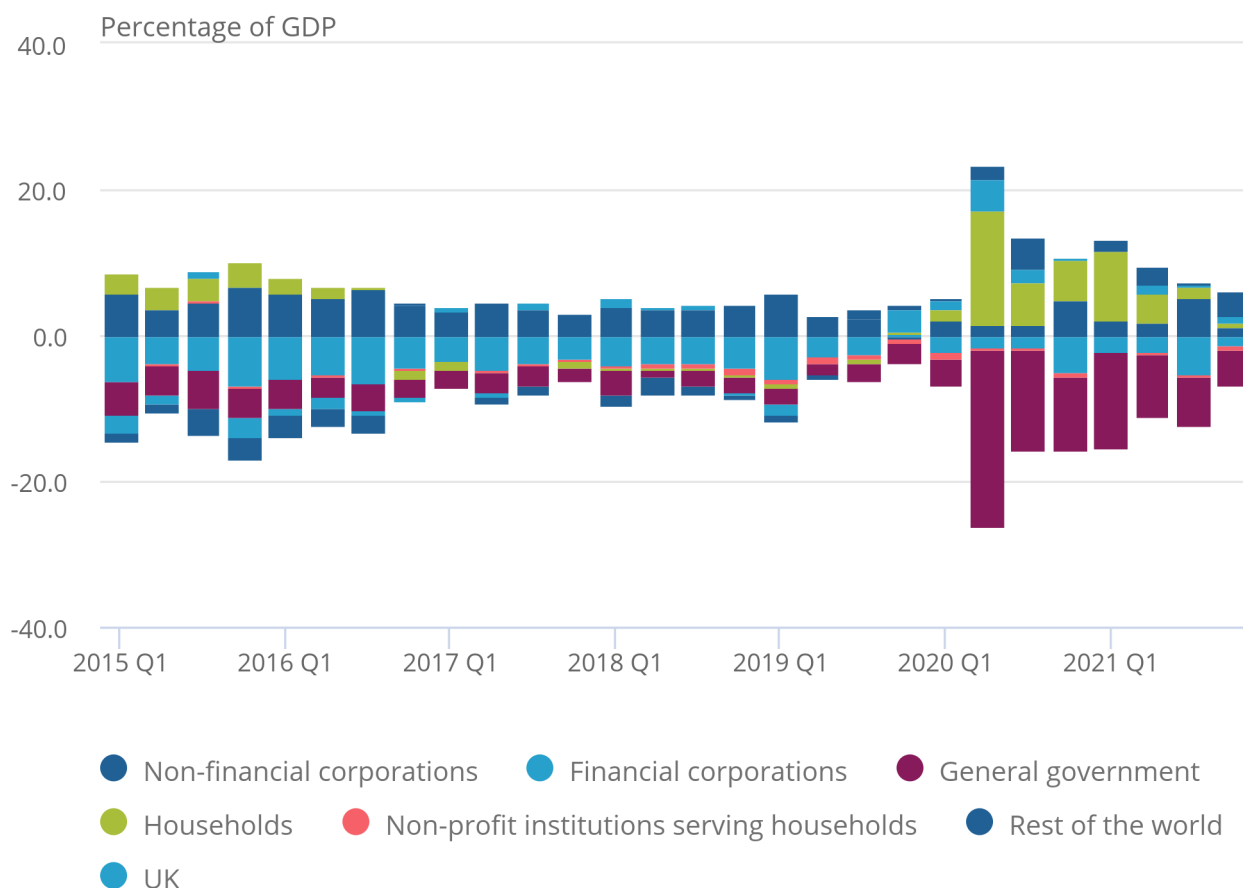
Financial corporations increased their net lending position to 0.8% of GDP in Quarter 4 2021, from 0.4% of GDP in the previous quarter. This was driven by a fall in gross capital formation of £6.6 billion, itself driven by increased exports of valuables, mainly non-monetary gold, of £6.7 billion. This was partially offset by a fall in net property income of £2.6 billion.

**Figure 8: The decrease in UK net borrowing was driven by decreased government borrowing and increased lending by non-financial corporations**

Net lending (+) or borrowing (-) position by institutional sector as a percentage of GDP, seasonally adjusted, Quarter 1 (Jan to Mar) 2015 to Quarter 4 (Oct to Dec) 2021

Figure 8: The decrease in UK net borrowing was driven by decreased government borrowing and increased lending by non-financial corporations

Net lending (+) or borrowing (-) position by institutional sector as a percentage of GDP, seasonally adjusted, Quarter 1 (Jan to Mar) 2015 to Quarter 4 (Oct to Dec) 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.

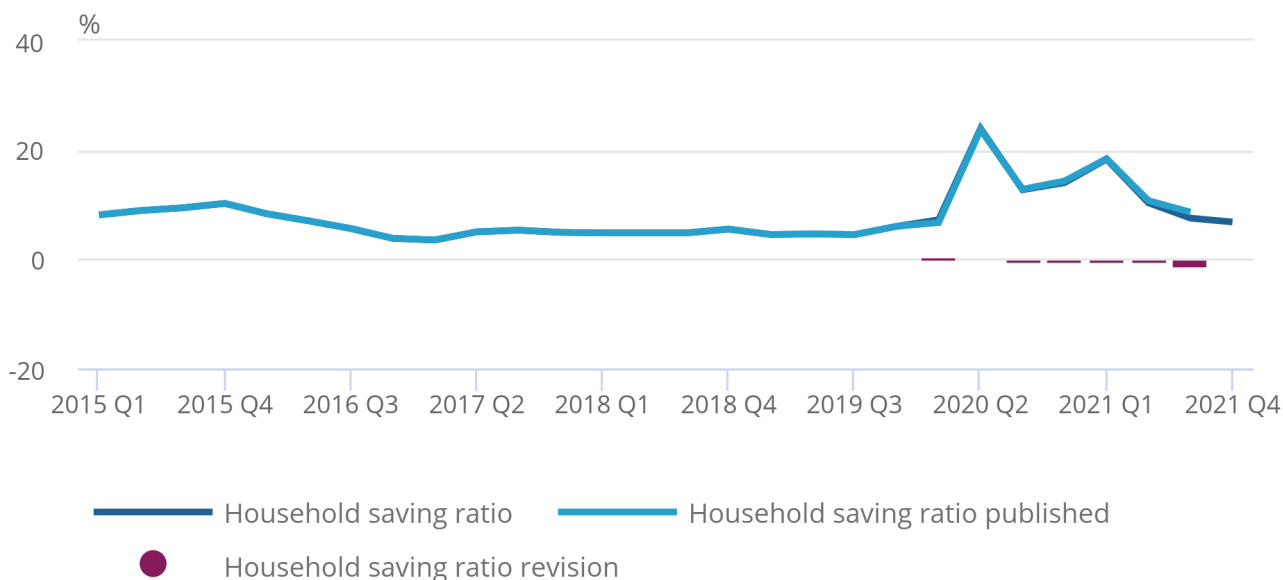
The household saving ratio decreased to 6.8% in the latest quarter, from 7.5% in Quarter 3 2021 (Figure 9). Households' gross disposable income grew by 1.3% on the previous quarter but households' final consumption expenditure increased by 1.9% from the previous quarter, as spending on transport, net tourism, and housing and utilities rose. Real household disposable income fell by negative 0.1% this quarter, nominal households' gross disposable income grew 1.3% but this was offset by quarterly household inflation of 1.4%.

**Figure 9: Household saving ratio decreased to 6.8% in Quarter 4 2021 compared with 7.5% in the previous quarter**

UK household saving ratio, percentage, Quarter 1 (Jan to Mar) 2015 to Quarter 4 (Oct to Dec) 2021

**Figure 9: Household saving ratio decreased to 6.8% in Quarter 4 2021 compared with 7.5% in the previous quarter**

UK household saving ratio, percentage, Quarter 1 (Jan to Mar) 2015 to Quarter 4 (Oct to Dec) 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 £9.0 billion on the quarter to £14.3 billion in Quarter 4 2021. This was driven by a fall in other accounts receivable of £10.3 billion. Households' net disposals of equity and investment fund shares also increased by £8.7 billion. This was partially offset by a £8.0 billion fall in the acquisition of loans.

General government decreased their net borrowing position by £3.8 billion to £37.6 billion and central government decreased their net borrowing position by £9.7 billion to £32.2 billion in Quarter 4 2021. This was driven by a fall in other accounts payable of £23.5 billion. This was partially offset by a decrease in net deposits of £8.5 billion.

Non-financial corporations switched to net borrowing of £3.3 billion in Quarter 4 2021, following a net lending position of £7.6 billion in the previous quarter. Private non-financial corporations (PNFCs), a subsector of non-financial corporations, switched to net borrowing of £4.1 billion in Quarter 4 2021, following a net lending position of £6.9 billion in Quarter 3 2021. PNFCs experienced a fall in other accounts receivable of £23.6 billion. This was partially offset by a £12.8 billion increase in deposits with UK monetary financial institutions.

Financial corporations switched to net lending of £13.9 billion in Quarter 4 2021, following net borrowing of £12.2 billion in Quarter 3 2021. This was driven by a £142.0 billion decrease in loan liabilities with the rest of world, partially offset by a £78.6 billion decrease in net deposits and a £51.4 billion increase in debt securities liabilities.

## Quarterly sector accounts annex table

Significant government interventions affecting the non-financial account of the sector accounts from Quarter 2 (Apr to June) 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 4 (Oct to Dec) 2021

**Non-Financial Account**

**Transactions 2020 Q2**

<b>Intervention</b>	<b>Transaction</b>	<b>Central Government sector</b>	<b>Local Government sector</b>	<b>All sectors (excluding RoW)</b>	<b>Households sector</b>	<b>Notes:</b>
<b>Coronavirus Job Retention Scheme</b>	<b>Subsidy on Production (D.39 U)</b>	28.2bn				
	<b>Subsidy on Production (D.39 R)</b>			28.2bn		
	<b>Wages and Salaries (D.11 U)</b>			28.2bn		Gross Operating Surplus neutral
	<b>Wages and Salaries (D.11 R)</b>				28.2bn	HH Wages boosted

**Intervention**

<b>Self-Employment Income Support Scheme</b>	<b>Subsidy on Production (D.39 U)</b>	7.4bn				
	<b>Subsidy on Production (D.39 R)</b>				7.4bn	
	<b>Mixed Income (B.3g)</b>				7.4bn	Households mixed income boosted

**Intervention**

<b>Small Business Grant Fund</b>	<b>Subsidy on Production (D.39 U)</b>		12.2bn			
	<b>Subsidy on Production (D.39 R)</b>			12.2bn		
	<b>Gross Operating Surplus (B.2g)</b>			12.2bn		Corporations gross operating surplus boosted & contributor to increased deposits in FA (F22 A)

**Non-Financial Account**

**Transactions 2020 Q3**

<b>Intervention</b>	<b>Transaction</b>	<b>Central Government sector</b>	<b>Local Government sector</b>	<b>All sectors (excl RoW)</b>	<b>Households sector</b>	<b>Notes:</b>
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<b>Coronavirus Job Retention Scheme</b>	<b>Subsidy on Production (D.39 U)</b>	11.0bn				
	<b>Subsidy on Production (D.39 R)</b>			11.0bn		
	<b>Wages and Salaries (D.11 U)</b>			11.0bn		Gross Operating Surplus neutral
	<b>Wages and Salaries (D.11 R)</b>				11.0bn	HH Wages boosted
<b>Intervention</b>						
<b>Self-Employment Income Support Scheme</b>	<b>Subsidy on Production (D.39 U)</b>	5.9bn				
	<b>Subsidy on Production (D.39 R)</b>				5.9bn	
	<b>Mixed Income (B.3g)</b>				5.9bn	Households mixed income boosted
<b>Intervention</b>						
<b>Small Business Grant Fund</b>	<b>Subsidy on Production (D.39 U)</b>		0.5bn			
	<b>Subsidy on Production (D.39 R)</b>				0.5bn	
	<b>Gross Operating Surplus (B.2g)</b>				0.5bn	Corporations gross operating surplus boosted & contributor to increased deposits in FA (F22 A)
<b>Non-Financial Account</b>	<b>Transactions 2020 Q4</b>					
<b>Intervention</b>	<b>Transaction</b>	Central Government sector	Local Government sector	All sectors (excl RoW)	Households sector	Notes:
<b>Coronavirus Job Retention Scheme</b>	<b>Subsidy on Production (D.39 U)</b>	7.4bn				
	<b>Subsidy on Production (D.39 R)</b>				7.4bn	

	<b>Wages and Salaries (D.11 U)</b>			7.4bn		Gross Operating Surplus neutral
	<b>Wages and Salaries (D.11 R)</b>				7.4bn	HH Wages boosted
<b>Intervention</b>						
<b>Self-Employment Income Support Scheme</b>	<b>Subsidy on Production (D.39 U)</b>		5.5bn			
	<b>Subsidy on Production (D.39 R)</b>				5.5bn	
	<b>Mixed Income (B.3g)</b>				5.5bn	Households mixed income boosted
<b>Intervention</b>						
<b>Small Business Grant Fund</b>	<b>Subsidy on Production (D.39 U)</b>		2.6bn			
	<b>Subsidy on Production (D.39 R)</b>				2.6bn	
	<b>Gross Operating Surplus (B.2g)</b>				2.6bn	Corporations gross operating surplus boosted & contributor to increased deposits in FA (F22 A)
<b>Non-Financial Account</b>	<b>Transactions 2021 Q1</b>					
<b>Intervention</b>	<b>Transaction</b>	Central Government sector	Local Government sector	All sectors (excl RoW)	Households sector	Notes:
<b>Coronavirus Job Retention Scheme</b>	<b>Subsidy on Production (D.39 U)</b>	11.5bn				
	<b>Subsidy on Production (D.39 R)</b>				11.5bn	
	<b>Wages and Salaries (D.11 U)</b>				11.5bn	Gross Operating Surplus neutral
	<b>Wages and Salaries (D.11 R)</b>				11.5bn	HH Wages boosted
<b>Intervention</b>						

<b>Self-Employment Income Support Scheme</b>	<b>Subsidy on Production (D.39 U)</b>	0.9bn					
	<b>Subsidy on Production (D.39 R)</b>				0.9bn		
	<b>Mixed Income (B.3g)</b>				0.9bn		Households mixed income boosted
<b>Intervention</b>							
<b>Small Business Grant Fund</b>	<b>Subsidy on Production (D.39 U)</b>		4.5bn				
	<b>Subsidy on Production (D.39 R)</b>				4.5bn		
	<b>Gross Operating Surplus (B.2g)</b>				4.5bn		Corporations gross operating surplus boosted & contributor to increased deposits in FA (F22 A)
<b>Non-Financial Account</b>	<b>Transactions 2021 Q2</b>						
<b>Intervention</b>	<b>Transaction</b>	Central Government sector	Local Government sector	All sectors (excl RoW)	Households sector	Notes:	
<b>Coronavirus Job Retention Scheme</b>	<b>Subsidy on Production (D.39 U)</b>	5.9bn					
	<b>Subsidy on Production (D.39 R)</b>				5.9bn		
	<b>Wages and Salaries (D.11 U)</b>				5.9bn		Gross Operating Surplus neutral
	<b>Wages and Salaries (D.11 R)</b>					5.9bn	HH Wages boosted
<b>Intervention</b>							
<b>Self-Employment Income Support Scheme</b>	<b>Subsidy on Production (D.39 U)</b>	5.5bn					
	<b>Subsidy on Production (D.39 R)</b>				5.5bn		



	<b>Mixed Income (B.3g)</b>			5.5bn	Households mixed income boosted
<b>Intervention</b>					
<b>Small Business Grant Fund</b>	<b>Subsidy on Production (D.39 U)</b>		1.2bn		
	<b>Subsidy on Production (D.39 R)</b>			1.2bn	
	<b>Gross Operating Surplus (B.2g)</b>			1.2bn	Corporations gross operating surplus boosted & contributor to increased deposits in FA (F22 A)
<b>Non-Financial Account</b>					
<b>Transactions 2021 Q3</b>					
<b>Intervention</b>	<b>Transaction</b>	Central Government sector	Local Government sector	All sectors (excl RoW)	Households sector Notes:
<b>Coronavirus Job Retention Scheme</b>	<b>Subsidy on Production (D.39 U)</b>	2.6bn			
	<b>Subsidy on Production (D.39 R)</b>			2.6bn	
	<b>Wages and Salaries (D.11 U)</b>			2.6bn	Gross Operating Surplus neutral
	<b>Wages and Salaries (D.11 R)</b>			2.6bn	HH Wages boosted
<b>Intervention</b>					
<b>Self-Employment Support Scheme</b>	<b>Subsidy on Production (D.39 U)</b>		2.7bn		
	<b>Subsidy on Production (D.39 R)</b>			2.7bn	
	<b>Mixed Income (B.3g)</b>			2.7bn	Households mixed income boosted
<b>Intervention</b>					
<b>Small Business Grant Fund</b>	<b>Subsidy on Production (D.39 U)</b>		0.1bn		

	<b>Subsidy on Production (D.39 R)</b>			0.1bn		
	<b>Gross Operating Surplus (B.2g)</b>			0.1bn		Corporations gross operating surplus boosted and contributor to increased deposits in FA (F22 A)
<b>Non-Financial Account</b>	<b>Transactions 2021 Q4</b>					
<b>Intervention</b>	<b>Transaction</b>	Central Government sector	Local Government sector	All sectors (excl RoW)	Households sector	Notes:
<b>Coronavirus Job Retention Scheme</b>	<b>Subsidy on Production (D.39 U)</b>					
	<b>Subsidy on Production (D.39 R)</b>					
	<b>Wages and Salaries (D.11 U)</b>					
	<b>Wages and Salaries (D.11 R)</b>					
<b>Intervention</b>						
<b>Self-Employment Income Support Scheme</b>	<b>Subsidy on Production (D.39 U)</b>			0.2bn		
	<b>Subsidy on Production (D.39 R)</b>				0.2bn	
	<b>Mixed Income (B.3g)</b>				0.2bn	Households mixed income boosted
<b>Intervention</b>						
<b>Small Business Grant Fund</b>	<b>Subsidy on Production (D.39 U)</b>					
	<b>Subsidy on Production (D.39 R)</b>					
	<b>Gross Operating Surplus (B.2g)</b>					

Source: Office for National Statistics – GDP quarterly sector accounts

## 8 . GDP quarterly national accounts data

### [GDP – data tables](#)

Dataset | Released 31 March 2022

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 31 March 2022

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

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

Dataset | Released 31 March 2022

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 (CVM) 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 approaches
- 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 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 and 2021 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 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 estimate 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 4 (Oct to Dec) 2021

GDP measurement approach and component adjustment applied to		Q1 2020	Q2 2020	Q3 2020	Q4 2020	Q1 2021	Q2 2021	Q3 2021	Q4 2021
<b>Expenditure</b>									
Trade in services	Current prices	-500	-3100	-500	2300				
	Chained volume measure	-500	-3100	-500	2300				
Change in inventories	Current prices				500	500		1000	2500
	Chained volume measure				500	500		1000	2500
Household consumption	Current prices				1000		-1000	1500	
	Chained volume measure				1000		-1000	1500	
<b>Income</b>									
Private non-financial corporations GOS	Current prices						-250	-250	
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 11 March 2022, estimates of [Monthly GDP](#) were published for January 2022. The [Index of Services](#), [Index of Production](#) and [Construction output in Great Britain](#) publications covering January 2022 are also available.

This release sees revisions from Quarter 1 (Jan to Mar) 2020 to Quarter 4 (Oct to Dec) 2021. Although this release focuses on providing the best quarterly estimate of GDP, an indicative monthly path for the Quarter 1 2020 and Quarter 4 2021 is provided in the [dataset](#).

A full breakdown of the monthly data consistent with this quarterly release will be available in the next monthly GDP release (on 11 April 2022).

## Pre-coronavirus comparisons of quarterly GDP

We previously referred to the [challenges of measuring GDP](#) during the coronavirus (COVID-19) pandemic and the different levels of uncertainty surrounding each measurement approach.

With downward revisions in the expenditure measure and upward revisions in the output measure in 2021, there is a difference between monthly and quarterly GDP measurements relative to the Quarter 4 (Oct to Dec) 2019 pre-coronavirus level (Table 7).

This is further highlighted in Table C2 in the [GDP quarterly national accounts data tables](#) with the 2021 expenditure statistical discrepancy.

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
<b>Quarter on quarter growth rates</b>				
2019 Q4	0	0	0	0
2020 Q1	-2.5	-2.7	-2.2	-2.7
2020 Q2	-19.4	-18.7	-20.4	-19.3
2020 Q3	17.6	16.9	18	17.9
2020 Q4	1.5	1.2	1.8	1.5
2021 Q1	-1.2	-1.3	-1	-1.3
2021 Q2	5.6	5.5	5.7	5.5
2021 Q3	0.9	0.9	0.9	0.9
2021 Q4	1.3	1.3	1.3	1.3
<b>Cumulative position</b>				
2019 Q4 to 2021 Q4	-0.1	-0.4	0.1	0.1

Source: Office for National Statistics – GDP quarterly national accounts

### Notes

1. Estimates of monthly GDP are comparable with the output-based estimates.
2. The headline GDP figure for Quarter 1 2020 to Quarter 2 2021 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 4 (Oct to Dec) 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](#) on why has UK GDP fallen so sharply in the pandemic?

## 12 . Related links

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

Bulletin | Released 11 February 2022

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 effects on GDP](#)

Article | Released 6 May 2020

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

### [GDP monthly estimates, UK: January 2022](#)

Bulletin | Released 11 March 2022

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

### [Measuring monthly and quarterly gross domestic product in 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.

### [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.

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

Article | Released 31 March 2021

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

# A1 National accounts aggregates<sup>1,2</sup>

2019 = 100

	Value indices at current prices		Chained volume indices				Implied deflators <sup>3</sup>		
	Gross domestic product at market prices	Gross value added at basic prices	Gross domestic product at market prices	Gross value added at basic prices	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
2019	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2020	95.3	96.4	90.7	90.7	89.9	89.4	104.9	105.1	106.3
2021	102.7	103.3	97.5	97.4	97.9	95.8	105.3	105.4	106.0
<b>Seasonally adjusted</b>									
2019 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	99.6	99.8	97.7	97.7	97.2	97.3	101.4	101.9	102.1
Q2	86.6	88.1	78.7	78.7	76.2	76.7	110.4	110.0	112.0
Q3	96.8	98.2	92.6	92.5	93.1	91.3	104.4	104.6	106.2
Q4	98.4	99.4	93.9	93.9	93.4	92.3	104.6	104.8	105.9
2021 Q1	98.5	99.6	92.8	92.8	93.3	91.3	106.1	106.1	107.3
Q2	102.1	102.3	98.0	97.9	98.2	96.0	103.9	104.1	104.5
Q3	103.6	103.8	98.9	98.9	98.5	97.2	104.8	104.8	105.0
Q4	106.7	107.5	100.2	100.1	101.8	98.6	106.5	106.5	107.3
<b>Percentage change, latest year on previous year</b>									
	IHYM	KGL6	IHYP	KGM7	KH6X	L489	KH7D	IHYS	KGM4
2019	3.7	3.8	1.7	1.8	2.8	1.7	1.7	2.0	2.0
2020	-4.7	-3.6	-9.3	-9.3	-10.1	-10.6	4.9	5.1	6.3
2021	7.8	7.2	7.4	7.4	8.9	7.1	0.4	0.3	-0.2
<b>Percentage change, latest quarter on previous quarter</b>									
	IHYN	KGL8	IHYQ	KGM9	KH6Z		KH7E	IHYT	KGM5
2019 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	-1.2	-1.2	-2.5	-2.5	-3.4	-2.8	0.9	1.4	1.3
Q2	-13.1	-11.7	-19.4	-19.5	-21.6	-21.2	8.8	7.9	9.7
Q3	11.8	11.4	17.6	17.6	22.2	19.0	-5.4	-4.9	-5.2
Q4	1.7	1.2	1.5	1.5	0.3	1.1	0.3	0.2	-0.3
2021 Q1	0.1	0.2	-1.2	-1.2	-0.1	-1.1	1.4	1.3	1.4
Q2	3.6	2.8	5.6	5.6	5.3	5.1	-2.0	-1.9	-2.7
Q3	1.6	1.5	0.9	0.9	0.3	1.2	0.8	0.6	0.5
Q4	3.0	3.5	1.3	1.3	3.4	1.4	1.6	1.7	2.2
<b>Percentage change, latest quarter on corresponding quarter of previous year</b>									
	IHYO	KGM2	IHYR	KGN3	KH73	L48D	KH7F	IHYU	KGM6
2019 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	0.7	0.9	-2.0	-2.0	-2.5	-2.3	2.4	2.8	3.0
Q2	-13.1	-11.2	-21.1	-21.3	-23.9	-23.3	10.6	10.2	12.7
Q3	-4.0	-2.7	-7.7	-7.7	-6.6	-9.0	3.6	4.0	5.5
Q4	-2.3	-1.6	-6.3	-6.3	-7.2	-7.8	4.2	4.2	5.0
2021 Q1	-1.0	-0.2	-5.0	-5.0	-4.0	-6.2	4.7	4.1	5.1
Q2	17.9	16.1	24.5	24.5	28.9	25.1	-5.8	-5.3	-6.7
Q3	7.1	5.7	6.9	6.9	5.8	6.5	0.4	0.2	-1.1
Q4	8.4	8.1	6.6	6.6	9.0	6.8	1.8	1.7	1.4

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 aggregates<sup>1</sup>

£ million

	Current prices					Chained Volume Measures (Reference year 2019)				
	Gross national income at market prices	Net income from abroad <sup>2</sup>	Gross domestic product at market prices	less Basic price adjustment <sup>3</sup>	Gross value added at basic prices	Gross domestic product at market prices	less Basic price adjustment <sup>3</sup>	Gross value added at basic prices	Gross value added excluding oil & gas <sup>4, 5</sup>	
	ABMZ	CAES	YBHA	NTAP	ABML	ABMI	NTAO	ABMM	KLS2	
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	2 118 676	-31 705	2 150 381	206 171	1 944 210	2 046 209	216 841	1 829 368	1 815 131	
2021	2 305 142	-11 912	2 317 054	233 226	2 083 828	2 198 473	232 999	1 965 474	1 953 390	
<b>Seasonally adjusted</b>										
2019 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	552 096	-9 303	561 399	58 250	503 149	550 835	58 187	492 648	488 943	
Q2	472 807	-15 258	488 065	43 649	444 416	443 817	47 100	396 717	392 988	
Q3	543 586	-2 280	545 866	50 579	495 287	521 910	55 405	466 505	463 062	
Q4	550 187	-4 864	555 051	53 693	501 358	529 647	56 149	473 498	470 138	
2021 Q1	552 157	-3 458	555 615	53 441	502 174	523 440	55 491	467 949	464 744	
Q2	569 269	-6 120	575 389	59 385	516 004	552 521	58 573	493 948	491 477	
Q3	577 373	-7 004	584 377	60 675	523 702	557 700	59 104	498 596	495 300	
Q4	606 343	4 670	601 673	59 725	541 948	564 812	59 831	504 981	501 869	
<b>Percentage change, latest year on previous year</b>										
	KH74		IHYM		KGL6	IHYP		KGM7	KLH8	
2019	4.6		3.7		3.8	1.7		1.8	1.8	
2020	-5.5		-4.7		-3.6	-9.3		-9.3	-9.2	
2021	8.8		7.8		7.2	7.4		7.4	7.6	
<b>Percentage change, latest quarter on previous quarter</b>										
	KH75		IHYN		KGL8	IHYQ		KGM9		
2019 Q3	0.4		1.2		1.6	0.5		0.3	0.4	
Q4	0.3		-0.1		0.1	-		-	-	
2020 Q1	-2.2		-1.2		-1.2	-2.5		-2.5	-2.5	
Q2	-14.4		-13.1		-11.7	-19.4		-19.5	-19.6	
Q3	15.0		11.8		11.4	17.6		17.6	17.8	
Q4	1.2		1.7		1.2	1.5		1.5	1.5	
2021 Q1	0.4		0.1		0.2	-1.2		-1.2	-1.1	
Q2	3.1		3.6		2.8	5.6		5.6	5.8	
Q3	1.4		1.6		1.5	0.9		0.9	0.8	
Q4	5.0		3.0		3.5	1.3		1.3	1.3	
<b>Percentage change, latest quarter on corresponding quarter of previous year</b>										
	KH76		IHYO		KGM2	IHYR		KGN3	KLH9	
2019 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	-0.5		0.7		0.9	-2.0		-2.0	-1.6	
Q2	-15.6		-13.1		-11.2	-21.1		-21.3	-21.3	
Q3	-3.4		-4.0		-2.7	-7.7		-7.7	-7.6	
Q4	-2.5		-2.3		-1.6	-6.3		-6.3	-6.2	
2021 Q1	-		-1.0		-0.2	-5.0		-5.0	-4.9	
Q2	20.4		17.9		16.1	24.5		24.5	25.1	
Q3	6.2		7.1		5.7	6.9		6.9	7.0	
Q4	10.2		8.4		8.1	6.6		6.6	6.7	

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<sup>1,2</sup>

2019 = 100

	Production						Service industries						Gross value added <sup>4</sup>	Gross value added excluding oil & gas
	Agri-culture, forestry, and fishing	Mining & quarrying inc oil & gas extract	Manu-facturing	Electric, gas, steam & air	Water supply, sewerage	Total	Constr-uction <sup>5</sup>	Distrib-ution, hotels & restaurants	Transport storage and commu-nications	Business services and finance	Government and other services	Total		
<b>2019 Weights<sup>3</sup></b>	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
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	90.2	80.6	91.1	97.7	98.2	91.6	83.9	84.7	90.0	94.6	90.6	91.3	90.7	90.8
2021	93.8	71.5	97.7	98.8	104.1	96.3	94.7	95.1	96.2	97.9	101.1	98.2	97.4	97.7
<b>Seasonally adjusted</b>														
2019 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	100.1	84.1	97.7	99.4	99.7	97.0	95.5	94.7	97.0	99.3	97.4	97.7	97.7	97.8
Q2	85.0	82.0	76.2	91.6	93.9	79.9	61.5	62.4	81.4	89.6	74.7	79.9	78.7	78.6
Q3	88.4	79.1	93.3	101.1	99.0	93.5	87.1	94.0	89.6	93.8	93.6	93.2	92.5	92.7
Q4	87.3	77.0	97.1	98.8	100.1	96.0	91.5	87.4	92.0	95.7	96.8	94.2	93.9	94.1
2021 Q1	89.7	74.5	96.2	101.7	102.6	95.7	92.5	80.7	91.7	96.8	93.8	92.6	92.8	93.0
Q2	92.2	61.2	98.0	105.0	103.0	96.3	96.1	98.2	95.1	97.2	102.7	98.7	97.9	98.3
Q3	96.4	77.2	98.0	96.0	103.9	96.6	94.7	101.4	97.3	98.0	102.9	99.9	98.9	99.1
Q4	96.9	73.1	98.4	92.3	106.8	96.5	95.6	100.2	100.8	99.7	105.0	101.4	100.1	100.4
<b>Percentage change, latest year on previous year</b>														
	L3BB	L3BH	L3BN	L3DM	L3DQ	L3BG	L3DW	L3GP	KI8L	KI8N	KI8P	L3E2	KGM7	KLH8
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	-9.8	-19.4	-8.9	-2.2	-1.8	-8.4	-16.1	-15.3	-10.0	-5.4	-9.4	-8.7	-9.3	-9.2
2021	4.0	-11.3	7.2	1.0	6.0	5.1	12.9	12.4	6.9	3.5	11.6	7.5	7.4	7.6
<b>Percentage change, latest quarter on previous quarter</b>														
													KGM9	
2019 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	-7.4	-3.6	-2.2	-5.2	0.6	-2.5	-1.9	-5.0	-3.1	-1.0	-3.8	-2.7	-2.5	-2.5
Q2	-15.1	-2.5	-22.0	-7.9	-5.8	-17.7	-35.6	-34.1	-16.1	-9.8	-23.3	-18.3	-19.5	-19.6
Q3	4.0	-3.6	22.5	10.4	5.4	17.1	41.6	50.6	10.1	4.7	25.3	16.7	17.6	17.8
Q4	-1.2	-2.6	4.1	-2.3	1.1	2.6	5.1	-7.0	2.7	2.1	3.5	1.0	1.5	1.5
2021 Q1	2.8	-3.3	-0.9	2.9	2.4	-0.3	1.0	-7.7	-0.3	1.1	-3.1	-1.6	-1.2	-1.1
Q2	2.7	-17.8	1.8	3.3	0.4	0.7	4.0	21.7	3.7	0.4	9.5	6.5	5.6	5.8
Q3	4.6	26.0	-	-8.6	0.9	0.3	-1.5	3.2	2.3	0.8	0.1	1.2	0.9	0.8
Q4	0.5	-5.3	0.4	-3.8	2.7	-0.2	1.0	-1.2	3.6	1.8	2.0	1.5	1.3	1.3
<b>Percentage change, latest quarter on corresponding quarter of previous year</b>														
	L3ZZ	L427	L42D	L44C	L44G	L426	L44M	L47F	KI12	KI19	KI18	L44Q	KGN3	KLH9
2019 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	10.2	-30.6	-3.0	5.5	0.2	-4.4	-4.8	-5.2	-2.2	-0.4	-1.4	-1.7	-2.0	-1.6
Q2	-10.5	-15.6	-23.5	-9.2	-7.0	-19.8	-40.3	-37.6	-18.8	-10.1	-25.0	-19.9	-21.3	-21.3
Q3	-16.5	-16.2	-6.5	1.1	-1.3	-6.0	-12.2	-6.1	-11.0	-6.7	-6.8	-7.1	-7.7	-7.6
Q4	-19.3	-11.7	-2.8	-5.8	1.0	-3.4	-6.0	-12.4	-8.0	-4.6	-4.4	-6.3	-6.3	-6.2
2021 Q1	-10.4	-11.5	-1.5	2.3	2.9	-1.3	-3.2	-14.9	-5.4	-2.5	-3.7	-5.2	-5.0	-4.9
Q2	8.4	-25.3	28.7	14.7	9.6	20.6	56.3	57.3	16.8	8.5	37.6	23.5	24.5	25.1
Q3	9.1	-2.4	5.0	-5.0	5.0	3.3	8.7	7.8	8.6	4.5	9.9	7.1	6.9	7.0
Q4	11.0	-5.1	1.3	-6.6	6.6	0.5	4.5	14.6	9.5	4.1	8.4	7.7	6.6	6.7

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

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

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

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

5 Please note, as part of Blue Book 2021 double-deflated industry-level GVA was introduced for the first time. As a result, volume estimates in the the monthly GDP and construction outputs releases will differ from 1997 to 2019 because the construction publication measures the volume of construction work (output), while the GDP series measures GVA (that is, output minus intermediate consumption). Construction GVA estimates from January 2020 will be informed by the construction output release but may not exactly align.

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

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 <sup>4</sup>	Total services
<b>2019 Weights<sup>3</sup></b>	105	102	29	82	131	125	48	59	76	35	792
	L2NE	KI8M	L2NQ	L2O6	L2OC	L2OH	L2P8	L2PA	L2PC	L2Q5	L2NC
2019	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2020	92.3	90.0	57.8	96.9	99.1	88.7	102.3	84.1	94.3	76.9	91.3
2021	99.6	96.2	79.2	98.6	98.8	96.8	104.0	93.2	113.0	84.1	98.2
<b>Seasonally adjusted</b>											
2019 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	95.8	97.0	91.4	98.6	100.4	98.8	101.7	90.4	100.8	95.2	97.7
Q2	75.9	81.4	14.7	93.5	98.0	78.5	102.1	55.7	79.8	56.7	79.9
Q3	99.7	89.6	73.8	96.8	98.8	86.9	102.6	91.7	96.1	77.9	93.2
Q4	97.7	92.0	51.2	98.6	99.1	90.7	102.8	98.4	100.3	77.8	94.2
2021 Q1	92.3	91.7	39.4	100.1	99.5	92.2	103.7	78.9	107.0	75.8	92.6
Q2	104.1	95.1	77.4	98.2	98.9	95.0	103.9	98.6	114.1	83.1	98.7
Q3	101.2	97.3	101.9	98.1	98.6	97.6	104.1	98.5	113.0	85.9	99.9
Q4	100.9	100.8	98.2	97.8	98.3	102.5	104.1	96.7	117.8	91.6	101.4
<b>Percentage change, latest year on previous year</b>											
	L3E4	KI8L	L3EG	L3EU	L3F2	L3F7	L3FW	L3FY	L3G2	L3GT	L3E2
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	-10.0	-42.2	-3.1	-0.9	-11.3	2.3	-16.0	-5.7	-23.1	-8.7
2021	8.0	6.9	37.2	1.7	-0.2	9.2	1.6	10.9	19.9	9.3	7.5
<b>Percentage change, latest quarter on previous quarter</b>											
2019 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	-3.8	-3.1	-9.2	-1.1	0.2	-2.1	0.5	-11.4	0.3	-6.3	-2.7
Q2	-20.8	-16.1	-83.9	-5.1	-2.4	-20.5	0.4	-38.3	-20.8	-40.4	-18.3
Q3	31.2	10.1	403.3	3.5	0.8	10.6	0.5	64.6	20.3	37.3	16.7
Q4	-2.0	2.7	-30.7	1.9	0.3	4.4	0.1	7.3	4.4	-0.2	1.0
2021 Q1	-5.5	-0.3	-22.9	1.5	0.5	1.7	1.0	-19.8	6.7	-2.6	-1.6
Q2	12.8	3.7	96.2	-2.0	-0.6	3.1	0.2	24.9	6.7	9.7	6.5
Q3	-2.7	2.3	31.6	-0.1	-0.3	2.6	0.2	-0.1	-1.0	3.4	1.2
Q4	-0.4	3.6	-3.6	-0.3	-0.3	5.1	-	-1.8	4.3	6.6	1.5
<b>Percentage change, latest quarter on corresponding quarter of the previous year</b>											
	L44S	KI12	L456	L45K	L45Q	L45V	L46M	L46O	L46Q	L47J	L44Q
2019 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	-4.4	-2.2	-8.1	-1.6	0.7	-0.4	2.9	-7.9	1.6	-3.8	-1.7
Q2	-24.2	-18.8	-85.3	-6.0	-2.0	-20.8	2.6	-44.1	-20.0	-42.7	-19.9
Q3	-0.4	-11.0	-26.3	-3.9	-1.3	-13.8	2.3	-8.6	-4.4	-22.3	-7.1
Q4	-2.0	-8.0	-49.2	-1.0	-1.2	-10.1	1.5	-3.6	-0.2	-23.5	-6.3
2021 Q1	-3.7	-5.4	-56.8	1.6	-0.8	-6.7	1.9	-12.7	6.1	-20.5	-5.2
Q2	37.1	16.8	427.6	5.0	0.9	21.0	1.7	76.9	42.9	46.5	23.5
Q3	1.6	8.6	38.0	1.3	-0.2	12.4	1.4	7.4	17.7	10.3	7.1
Q4	3.3	9.5	91.8	-0.9	-0.8	13.0	1.3	-1.7	17.5	17.8	7.7

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

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

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

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

# C1 Gross domestic product: expenditure at current market prices<sup>1</sup>

£ million

National expenditure on goods and services at market prices															
Final consumption expenditure							Gross capital formation							Statistical discrepancy (expenditure)	Gross domestic product at market prices
Households	Non-profit institutions <sup>2,7</sup>	General government	Gross fixed capital formation	Of which business investment <sup>3</sup>	Of which changes in inventories <sup>4</sup>	Of which alignment adjustments	Acquisitions less disposals of valuables <sup>5</sup>	Total	Total exports	Gross final expenditure	less imports	Total balance <sup>6</sup>	GIXM		
ABJQ	HAYE	NMRP	NPQS	NPEK	CAEX	DMUN	NPJQ	YBIL	IKBH	ABMF	IKBI	IKBJ	GIXM	YBHA	
2019	1 394 457	54 620	424 006	399 609	225 865	6 509	-	-3 230 2	275 971	699 250	2 975 221	719 938	-20 688	-	2 255 283
2020	1 256 630	53 015	477 856	367 929	203 478	-8 961	-	576 2	147 045	609 897	2 756 942	603 541	6 356	-3 020	2 150 381
2021	1 368 622	55 773	511 269	395 767	207 091	241	-	7 849 2	339 521	625 374	2 964 895	654 481	-29 107	6 640	2 317 054
<b>Seasonally adjusted</b>															
2019 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	339 851	13 889	108 007	97 888	55 357	-2 890	90	800	557 545	163 927	721 472	160 971	2 956	898	561 399
Q2	270 857	12 431	122 327	79 655	45 673	-2 323	-932	-8 719	474 228	143 098	617 326	125 502	17 596	-3 759	488 065
Q3	325 645	13 133	122 350	93 341	49 980	-8 417	-1 038	1 138	547 190	145 835	693 025	146 319	-484	-840	545 866
Q4	320 277	13 562	125 172	97 045	52 468	4 669	1 880	7 357	568 082	157 037	725 119	170 749	-13 712	681	555 051
2021 Q1	311 302	13 440	129 573	96 918	48 773	-172	-536	8 543	559 604	145 723	705 327	151 010	-5 287	1 298	555 615
Q2	341 239	13 865	125 910	98 236	52 260	-3 768	-2 906	-635	574 847	157 929	732 776	159 137	-1 208	1 750	575 389
Q3	354 608	14 142	126 681	99 445	52 877	755	906	3 438	599 069	152 425	751 494	168 887	-16 462	1 770	584 377
Q4	361 473	14 326	129 105	101 168	53 181	3 426	2 536	-3 497	606 001	169 297	775 298	175 447	-6 150	1 822	601 673
<b>Percentage change, latest year on previous year</b>															
2019	KG77	KGZ8	KH2C	KG6O	KG6N			KGX3	KH2O	KG7V	KH3H			IHYM	
2019	2.6	3.9	6.3	3.4	3.9			3.3	5.4	3.8	4.1			3.7	
2020	-9.9	-2.9	12.7	-7.9	-9.9			-5.7	-12.8	-7.3	-16.2			-4.7	
2021	8.9	5.2	7.0	7.6	1.8			9.0	2.5	7.5	8.4			7.8	
<b>Percentage change, latest quarter on previous quarter</b>															
2019 Q3	KG78	KGZ9	KH2D	KG6W	KG6V			KGX4	KH2P	KG78	KH3I			IHYN	
2019 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	-2.3	-0.4	-1.4	-1.7	-2.5			0.4	-12.0	-2.7	-7.3			-1.2	
Q2	-20.3	-10.5	13.3	-18.6	-17.5			-14.9	-12.7	-14.4	-22.0			-13.1	
Q3	20.2	5.6	-	17.2	9.4			15.4	1.9	12.3	16.6			11.8	
Q4	-1.6	3.3	2.3	4.0	5.0			3.8	7.7	4.6	16.7			1.7	
2021 Q1	-2.8	-0.9	3.5	-0.1	-7.0			-1.5	-7.2	-2.7	-11.6			0.1	
Q2	9.6	3.2	-2.8	1.4	7.1			2.7	8.4	3.9	5.4			3.6	
Q3	3.9	2.0	0.6	1.2	1.2			4.2	-3.5	2.6	6.1			1.6	
Q4	1.9	1.3	1.9	1.7	0.6			1.2	11.1	3.2	3.9			3.0	
<b>Percentage change, latest quarter on corresponding quarter of previous year</b>															
2019 Q3	KG79	KH22	KH2E	KG76	KG75			KGX5	KH2Q	KG79	KH3J			IHYO	
2019 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	-1.8	3.8	4.2	-1.9	-0.3			-3.9	-2.7	-3.7	-16.0			0.7	
Q2	-22.7	-8.3	18.3	-19.8	-19.0			-16.8	-14.5	-16.3	-28.6			-13.1	
Q3	-7.0	-4.5	14.0	-7.5	-12.7			-4.0	-17.6	-7.3	-18.2			-4.0	
Q4	-7.9	-2.7	14.2	-2.5	-7.6			2.3	-15.7	-2.3	-1.7			-2.3	
2021 Q1	-8.4	-3.2	20.0	-1.0	-11.9			0.4	-11.1	-2.2	-6.2			-1.0	
Q2	26.0	11.5	2.9	23.3	14.4			21.2	10.4	18.7	26.8			17.9	
Q3	8.9	7.7	3.5	6.5	5.8			9.5	4.5	8.4	15.4			7.1	
Q4	12.9	5.6	3.1	4.2	1.4			6.7	7.8	6.9	2.8			8.4	

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 measures<sup>1</sup>

Reference year 2019, £ million

National expenditure on goods and services at market prices															
Final consumption expenditure								Gross capital formation							
	Non-profit institutions <sup>2, 8</sup>		General government formation	Gross fixed capital investment <sup>3, 7</sup>	Of which business investment <sup>3, 7</sup>	Changes in inventories <sup>4</sup>	Of which alignment adjustment	Acquisitions less disposals of valuables <sup>5</sup>	Total	Total exports	Gross final expenditure	less imports	Trade balance <sup>6</sup>	Statistical discrepancy (expenditure)	Gross domestic product at market prices
	Households	ABJR													
2019	1 394 457	54 620	424 006	399 609	225 865	6 509	–	–3 230 227	971 699	250 297	2 975 221	719 938	–20 688	–	2 255 283
2020	1 248 453	47 610	398 917	361 618	199 909	–8 977	–	–927 204	694 608	618 265	312 606	413 205	–2 205	–2 690	2 046 209
2021	1 325 545	50 653	456 149	382 900	201 547	219	–	5 617 222	083 600	792 282	821 875	629 704	–28 912	6 302	2 198 473
<b>Seasonally adjusted</b>															
2019 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	337 517	12 846	105 082	96 379	55 060	–2 460	76	514	549 878	162 907	712 785	162 831	76	881	550 835
Q2	270 117	9 872	85 879	78 666	44 779	–5 928	–859	–8 899	429 707	144 458	574 165	126 930	17 528	–3 418	443 817
Q3	323 033	12 201	101 921	91 617	48 806	–5 706	–1 005	1 195	524 261	145 835	670 096	147 383	–1 548	–803	521 910
Q4	317 786	12 691	106 035	94 956	51 264	5 117	1 788	6 263	542 848	155 418	698 266	169 269	–13 851	650	529 647
2021 Q1	307 037	11 750	107 137	94 067	47 538	672	–498	6 719	527 382	143 120	670 502	148 285	–5 165	1 223	523 440
Q2	333 136	12 625	116 262	95 676	50 915	–3 754	–2 777	–914	553 031	153 369	706 400	155 559	–2 190	1 680	552 521
Q3	341 803	13 187	115 529	96 064	51 292	2 011	880	3 021	571 615	147 063	718 678	162 667	–15 604	1 689	557 700
Q4	343 569	13 091	117 221	97 093	51 802	1 290	2 395	–3 209	569 055	157 240	726 295	163 193	–5 953	1 710	564 812
<b>Percentage change, latest year on previous year</b>															
	KGZ5	KH26	KH2I	KG7N	KG7M			KGX9	KH2U	KGW5	KH3N				IHYP
2019	1.2	2.1	4.2	0.5	0.9			1.6	3.4	2.0	2.9				1.7
2020	–10.5	–12.8	–5.9	–9.5	–11.5			–10.1	–13.0	–10.8	–15.8				–9.3
2021	6.2	6.4	14.3	5.9	0.8			8.5	–1.3	6.3	3.8				7.4
<b>Percentage change, latest quarter on previous quarter</b>															
	KGZ6	KH27	KH2J	KG7Q	KG7P			KGY2	KH2V	KGW6	KH3O				IHYQ
2019 Q3	–0.3	–0.7	0.1	1.2	1.2			–0.9	5.2	0.5	0.5				0.5
Q4	–0.6	–0.7	2.6	–1.4	–0.3			–2.3	6.2	–0.3	–1.0				–
2020 Q1	–2.8	–5.5	–2.7	–2.7	–2.9			–0.5	–12.7	–3.6	–6.6				–2.5
Q2	–20.0	–23.2	–18.3	–18.4	–18.7			–21.9	–11.3	–19.4	–22.0				–19.4
Q3	19.6	23.6	18.7	16.5	9.0			22.0	1.0	16.7	16.1				17.6
Q4	–1.6	4.0	4.0	3.6	5.0			3.5	6.6	4.2	14.8				1.5
2021 Q1	–3.4	–7.4	1.0	–0.9	–7.3			–2.8	–7.9	–4.0	–12.4				–1.2
Q2	8.5	7.4	8.5	1.7	7.1			4.9	7.2	5.4	4.9				5.6
Q3	2.6	4.5	–0.6	0.4	0.7			3.4	–4.1	1.7	4.6				0.9
Q4	0.5	–0.7	1.5	1.1	1.0			–0.4	6.9	1.1	0.3				1.3
<b>Percentage change, latest quarter on corresponding quarter of previous year</b>															
	KGZ7	KH28	KH2K	KG7T	KG7S			KGY3	KH2W	KGW7	KH3P				IHYR
2019 Q3	1.2	1.3	3.5	0.6	2.5			1.0	3.6	1.6	1.7				1.6
Q4	–0.1	–2.8	5.4	–0.1	2.7			–2.5	9.1	0.2	–2.8				1.2
2020 Q1	–2.9	–5.2	–0.5	–4.5	–1.9			–6.2	–4.1	–5.7	–16.1				–2.0
Q2	–22.9	–28.4	–18.4	–20.8	–20.3			–24.7	–13.5	–22.2	–27.6				–21.1
Q3	–7.5	–10.9	–3.2	–8.8	–14.2			–7.4	–17.0	–9.6	–16.4				–7.7
Q4	–8.5	–6.7	–1.8	–4.1	–9.6			–1.8	–16.7	–5.6	–2.9				–6.3
2021 Q1	–9.0	–8.5	2.0	–2.4	–13.7			–4.1	–12.1	–5.9	–8.9				–5.0
Q2	23.3	27.9	35.4	21.6	13.7			28.7	6.2	23.0	22.6				24.5
Q3	5.8	8.1	13.4	4.9	5.1			9.0	0.8	7.3	10.4				6.9
Q4	8.1	3.2	10.5	2.3	1.0			4.8	1.2	4.0	–3.6				6.6

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 prices<sup>1</sup>

£ million

	Compensation of employees			Gross operating surplus of corporations							Gross value added at factor cost	Taxes on products & production less subsidies	Statistical discrepancy (income)	Gross domestic product at market prices
	Wages and Salaries	Employers social contributions	Total	Private non-financial corporations <sup>2</sup>	Of which alignment adjustment	Financial corporations	Public corporations	Total <sup>3</sup>	Other income <sup>4</sup>					
	DTWL	DTWP	DTWM	CAER	DMUQ	NHCZ	CAEQ	CGBZ	CGBX	CGCB	CMVL	GIXQ	YBHA	
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	914 894	214 444	1 129 338	396 829	–	81 920	11 233	489 982	392 422	2 011 742	132 229	6 410	2 150 381	
2021	978 843	216 911	1 195 754	415 438	–	87 676	12 310	515 424	402 635	2 113 813	205 276	–2 035	2 317 054	
<b>Seasonally adjusted</b>														
2019 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	228 234	52 516	280 750	97 430	–2 799	20 775	2 733	120 938	99 107	500 795	62 296	–1 692	561 399	
Q2	221 315	51 667	272 982	94 945	2 397	19 584	2 497	117 026	96 761	486 769	–2 838	4 134	488 065	
Q3	229 355	54 594	283 949	103 376	1 073	19 918	2 914	126 208	98 652	508 809	34 293	2 764	545 866	
Q4	235 990	55 667	291 657	101 078	–671	21 643	3 089	125 810	97 902	515 369	38 478	1 204	555 051	
2021 Q1	238 594	53 288	291 882	104 256	1 595	21 734	2 792	128 782	99 377	520 041	35 519	55	555 615	
Q2	242 656	54 874	297 530	103 841	188	22 131	3 098	129 070	100 697	527 297	48 780	–688	575 389	
Q3	246 703	54 872	301 575	99 856	–4 053	21 710	3 021	124 587	100 688	526 850	58 219	–692	584 377	
Q4	250 890	53 877	304 767	107 485	2 270	22 101	3 399	132 985	101 873	539 625	62 758	–710	601 673	
<b>Percentage change, latest year on previous year</b>														
	CWNH	CWNE	KG13	KH59		KH5L	KH53	KH4V	KH6T	KH6N	KH65		IHYM	
2019	3.7	9.9	4.8	4.8		–3.6	3.4	3.3	2.4	3.9	2.4		3.7	
2020	1.9	7.5	2.9	–1.0		0.5	–1.3	–0.8	–1.7	1.1	–50.1		–4.7	
2021	7.0	1.2	5.9	4.7		7.0	9.6	5.2	2.6	5.1	55.2		7.8	
<b>Percentage change, latest quarter on previous quarter</b>														
	CWNI	CWNF	KG14	KH5A		KH5M	KH54	KH4W	KH6U	KH6O	KH66		IHYN	
2019 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	0.9	0.9	–2.7		–3.3	–5.9	–2.9	–0.9	–0.4	–4.8		–1.2	
Q2	–3.0	–1.6	–2.8	–2.6		–5.7	–8.6	–3.2	–2.4	–2.8	–104.6		–13.1	
Q3	3.6	5.7	4.0	8.9		1.7	16.7	7.8	2.0	4.5	–1 308.4		11.8	
Q4	2.9	2.0	2.7	–2.2		8.7	6.0	–0.3	–0.8	1.3	12.2		1.7	
2021 Q1	1.1	–4.3	0.1	3.1		0.4	–9.6	2.4	1.5	0.9	–7.7		0.1	
Q2	1.7	3.0	1.9	–0.4		1.8	11.0	0.2	1.3	1.4	37.3		3.6	
Q3	1.7	–	1.4	–3.8		–1.9	–2.5	–3.5	–	–0.1	19.4		1.6	
Q4	1.7	–1.8	1.1	7.6		1.8	12.5	6.7	1.2	2.4	7.8		3.0	
<b>Percentage change, latest quarter on corresponding quarter of previous year</b>														
	CWNJ	CWNG	KG15	KH5B		KH5N	KH55	KH4X	KH6V	KH6P	KH67		IHYO	
2019 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	2.8	11.8	4.4	–2.1		–1.3	3.8	–1.8	–0.9	1.7	–4.2		0.7	
Q2	–1.2	4.1	–0.2	–2.5		0.1	–13.6	–2.3	–3.3	–1.3	–104.2		–13.1	
Q3	1.6	7.3	2.7	–0.6		2.4	–1.4	–0.2	–0.5	1.3	–48.3		–4.0	
Q4	4.4	7.0	4.9	1.0		0.7	6.4	1.1	–2.1	2.5	–41.2		–2.3	
2021 Q1	4.5	1.5	4.0	7.0		4.6	2.2	6.5	0.3	3.8	–43.0		–1.0	
Q2	9.6	6.2	9.0	9.4		13.0	24.1	10.3	4.1	8.3	–1 818.8		17.9	
Q3	7.6	0.5	6.2	–3.4		9.0	3.7	–1.3	2.1	3.5	69.8		7.1	
Q4	6.3	–3.2	4.5	6.3		2.1	10.0	5.7	4.1	4.7	63.1		8.4	

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<sup>2</sup>

### UK DOMESTIC<sup>3</sup>

COICOP <sup>1</sup>	Net		Total	Food & drink	Alcohol & tobacco	Clothing & footwear	Housing	Household goods & services	Health	Transport	Communi-cation	Recreati-on & culture	Education	Restau-rants & hotels	Miscell-aneous
	Total	tourism													
			0	01	02	03	04	05	06	07	08	09	10	11	12
	ABJQ	ABTF	ZAKV	ZWUM	ZAKX	ZAKZ	ZAVN	ZAVV	ZAWB	ZAWL	ZAWV	ZAWZ	ZWUS	ZAXR	ZAYF
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	1 256 630	6 275	1 250 355	118 948	53 261	60 432	357 334	74 203	21 972	134 943	26 544	132 105	33 010	79 284	158 319
2021	1 368 622	5 611	1 363 011	117 973	54 305	68 280	366 448	80 175	23 689	154 938	26 695	145 025	35 417	117 773	172 293
<b>Seasonally adjusted</b>															
2019 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	339 851	4 285	335 566	29 540	11 983	15 533	88 776	17 655	6 075	43 062	6 655	36 481	8 196	29 876	41 734
Q2	270 857	53	270 804	30 377	13 773	12 691	89 178	17 320	4 400	19 256	6 486	28 378	8 127	5 490	35 328
Q3	325 645	876	324 769	29 617	13 699	16 010	89 496	19 944	5 422	37 861	6 821	32 978	8 252	23 725	40 944
Q4	320 277	1 061	319 216	29 414	13 806	16 198	89 884	19 284	6 075	34 764	6 582	34 268	8 435	20 193	40 313
2021 Q1	311 302	825	310 477	30 372	13 655	15 144	90 696	18 991	5 620	29 295	6 503	34 516	8 614	17 539	39 532
Q2	341 239	171	341 068	29 516	13 857	18 013	92 037	21 371	5 997	37 511	6 789	36 462	8 796	27 092	43 627
Q3	354 608	1 713	352 895	28 917	13 392	17 316	91 301	19 836	6 098	42 937	6 711	36 702	8 933	36 447	44 305
Q4	361 473	2 902	358 571	29 168	13 401	17 807	92 414	19 977	5 974	45 195	6 692	37 345	9 074	36 695	44 829
<b>Percentage change, latest year on previous year</b>															
2019	KG Y7		KG6U	KG9N	KG F3	KG F9	KG G7	KG H5	KG I6	KG J4	KG K2	KG K8	KG B2	KG C6	KG E2
	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	-9.9		-9.3	8.3	14.4	-13.4	1.7	7.7	-7.9	-30.0	-5.1	-8.2	5.3	-42.4	-9.6
2021	8.9		9.0	-0.8	2.0	13.0	2.6	8.0	7.8	14.8	0.6	9.8	7.3	48.5	8.8
<b>Percentage change, latest quarter on previous quarter</b>															
2019 Q3	KG Y8		KG74	KG9R	KG F4	KG G2	KG G8	KG H6	KG I7	KG J5	KG K3	KG K9	KG B3	KG C7	KG E3
	-		-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	-2.3		-2.8	5.6	2.8	-9.0	0.9	5.8	5.5	-11.8	-1.0	0.3	2.2	-12.8	-4.6
Q2	-20.3		-19.3	2.8	14.9	-18.3	0.5	-1.9	-27.6	-55.3	-2.5	-22.2	-0.8	-81.6	-15.3
Q3	20.2		19.9	-2.5	-0.5	26.2	0.4	15.2	23.2	96.6	5.2	16.2	1.5	332.1	15.9
Q4	-1.6		-1.7	-0.7	0.8	1.2	0.4	-3.3	12.0	-8.2	-3.5	3.9	2.2	-14.9	-1.5
2021 Q1	-2.8		-2.7	3.3	-1.1	-6.5	0.9	-1.5	-7.5	-15.7	-1.2	0.7	2.1	-13.1	-1.9
Q2	9.6		9.9	-2.8	1.5	18.9	1.5	12.5	6.7	28.0	4.4	5.6	2.1	54.5	10.4
Q3	3.9		3.5	-2.0	-3.4	-3.9	-0.8	-7.2	1.7	14.5	-1.1	0.7	1.6	34.5	1.6
Q4	1.9		1.6	0.9	0.1	2.8	1.2	0.7	-2.0	5.3	-0.3	1.8	1.6	0.7	1.2
<b>Percentage change, latest quarter on corresponding quarter of previous year</b>															
2019 Q3	KG Y9		KG7C	KG9V	KG F5	KG G3	KG G9	KG H7	KG I8	KG J6	KG K4	KG L2	KG B4	KG C8	KG E4
	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	-1.8		-2.0	9.3	2.9	-10.5	1.7	2.5	-1.1	-9.0	-5.9	3.5	6.9	-12.3	-5.5
Q2	-22.7		-21.8	11.5	18.9	-28.3	0.9	-2.6	-27.1	-60.2	-8.9	-21.5	4.5	-84.1	-18.8
Q3	-7.0		-6.0	7.4	17.5	-9.2	1.9	15.9	-8.2	-21.6	-3.2	-8.7	4.5	-31.7	-6.5
Q4	-7.9		-7.5	5.1	18.4	-5.1	2.1	15.5	5.5	-28.8	-2.1	-5.8	5.2	-41.1	-7.9
2021 Q1	-8.4		-7.5	2.8	14.0	-2.5	2.2	7.6	-7.5	-32.0	-2.3	-5.4	5.1	-41.3	-5.3
Q2	26.0		25.9	-2.8	0.6	41.9	3.2	23.4	36.3	94.8	4.7	28.5	8.2	393.5	23.5
Q3	8.9		8.7	-2.4	-2.2	8.2	2.0	-0.5	12.5	13.4	-1.6	11.3	8.3	53.6	8.2
Q4	12.9		12.3	-0.8	-2.9	9.9	2.8	3.6	-1.7	30.0	1.7	9.0	7.6	81.7	11.2

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.

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

£ million

		UK NATIONAL <sup>2</sup>							
		UK DOMESTIC <sup>3</sup>							
				Goods					
		Total	Net tourism	Total	Total	Durable goods	Semi- durable goods	Non- durable goods	Services
COICOP <sup>1</sup>					D	SD	ND	S	
		ABJQ	ABTF	ZAKV	UTIF	UTIB	UTIR	UTIJ	UTIN
2019		1 394 457	15 366	1 379 091	566 671	142 409	129 798	294 464	812 420
2020		1 256 630	6 275	1 250 355	563 919	133 478	125 690	304 751	686 436
2021		1 368 622	5 611	1 363 011	597 878	144 768	140 361	312 749	765 133
<b>Seasonally adjusted</b>									
2019	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	339 851	4 285	335 566	139 910	31 713	31 295	76 902	195 656
	Q2	270 857	53	270 804	127 676	26 026	27 327	74 323	143 128
	Q3	325 645	876	324 769	150 099	39 605	33 360	77 134	174 670
	Q4	320 277	1 061	319 216	146 234	36 134	33 708	76 392	172 982
2021	Q1	311 302	825	310 477	140 675	31 600	32 409	76 666	169 802
	Q2	341 239	171	341 068	154 997	38 087	37 404	79 506	186 071
	Q3	354 608	1 713	352 895	149 767	37 070	35 002	77 695	203 128
	Q4	361 473	2 902	358 571	152 439	38 011	35 546	78 882	206 132
<b>Percentage change, latest year on previous year</b>									
2019		KG7		KG6U	KHC9	KHB5	KHH5	KHE5	KHF9
		2.6		2.7	3.9	7.3	4.6	2.1	1.9
2020		-9.9		-9.3	-0.5	-6.3	-3.2	3.5	-15.5
2021		8.9		9.0	6.0	8.5	11.7	2.6	11.5
<b>Percentage change, latest quarter on previous quarter</b>									
2019	Q3	KG78		KG74	KHD2	KHB6	KHH6	KHE6	KHG2
	Q4	-		-0.1	-0.9	-1.7	-	-0.9	0.4
		-0.7		-0.2	-0.9	-3.2	-2.1	0.8	0.4
2020	Q1	-2.3		-2.8	-0.7	-8.7	-2.6	3.9	-4.2
	Q2	-20.3		-19.3	-8.7	-17.9	-12.7	-3.4	-26.8
	Q3	20.2		19.9	17.6	52.2	22.1	3.8	22.0
	Q4	-1.6		-1.7	-2.6	-8.8	1.0	-1.0	-1.0
2021	Q1	-2.8		-2.7	-3.8	-12.5	-3.9	0.4	-1.8
	Q2	9.6		9.9	10.2	20.5	15.4	3.7	9.6
	Q3	3.9		3.5	-3.4	-2.7	-6.4	-2.3	9.2
	Q4	1.9		1.6	1.8	2.5	1.6	1.5	1.5
<b>Percentage change, latest quarter on corresponding quarter of previous year</b>									
2019	Q3	KG79		KG7C	KHD3	KHB7	KHH7	KHE7	KHG3
	Q4	2.7		2.7	4.3	9.2	6.4	1.1	1.6
		0.8		1.2	1.1	1.3	0.9	1.1	1.3
2020	Q1	-1.8		-2.0	-0.3	-10.1	-2.3	5.4	-3.1
	Q2	-22.7		-21.8	-11.0	-28.7	-16.7	0.3	-29.4
	Q3	-7.0		-6.0	5.6	10.4	1.6	5.0	-14.2
	Q4	-7.9		-7.5	3.8	4.0	4.9	3.2	-15.3
2021	Q1	-8.4		-7.5	0.5	-0.4	3.6	-0.3	-13.2
	Q2	26.0		25.9	21.4	46.3	36.9	7.0	30.0
	Q3	8.9		8.7	-0.2	-6.4	4.9	0.7	16.3
	Q4	12.9		12.3	4.2	5.2	5.5	3.3	19.2

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 <sup>2</sup>															
UK DOMESTIC <sup>3</sup>															
COICOP <sup>1</sup>	Total	Net tourism	Total	Food & drink	Alcohol & tobacco	Clothing & footwear	Housing	Household goods & services	Health	Transport	Communication	Recreation & culture	Education	Restaurants & hotels	Miscellaneous
				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
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	1 248 453	6 148	1 242 305	118 093	51 958	61 233	356 124	74 199	21 467	133 369	27 140	129 968	30 427	78 228	160 099
2021	1 325 545	5 619	1 319 926	116 758	51 581	68 818	359 087	77 281	22 865	143 866	28 061	138 858	33 118	111 021	168 612
<b>Seasonally adjusted</b>															
2019 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	337 517	3 569	333 948	29 435	11 925	15 634	88 085	17 620	5 920	42 800	6 742	36 116	8 061	29 547	42 063
Q2	270 117	189	269 928	29 854	13 349	13 177	89 067	17 394	4 296	19 560	6 519	27 922	7 077	5 443	36 270
Q3	323 033	1 318	321 715	29 410	13 299	16 021	89 191	19 787	5 304	37 262	7 038	32 382	7 501	23 460	41 060
Q4	317 786	1 072	316 714	29 394	13 385	16 401	89 781	19 398	5 947	33 747	6 841	33 548	7 788	19 778	40 706
2021 Q1	307 037	509	306 528	30 509	13 127	15 884	89 905	18 818	5 430	28 346	6 798	33 588	7 966	16 959	39 198
Q2	333 136	409	332 727	29 278	13 217	18 365	90 683	20 746	5 788	35 545	7 143	35 121	8 334	25 722	42 785
Q3	341 803	2 080	339 723	28 613	12 701	17 019	89 354	19 003	5 888	39 364	7 070	34 977	8 414	34 148	43 172
Q4	343 569	2 621	340 948	28 358	12 536	17 550	89 145	18 714	5 759	40 611	7 050	35 172	8 404	34 192	43 457
<b>Percentage change, latest year on previous year</b>															
2019	KGZ5		KG7O	KG9Y	KGF6	KGG4	KGH2	KGH8	KG19	KGJ7	KGK5	KGL3	KGB8	KGD4	KGE8
	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		-9.9	7.5	11.6	-12.2	1.3	7.7	-10.0	-30.8	-3.0	-9.7	-3.0	-43.1	-8.6
2021	6.2		6.2	-1.1	-0.7	12.4	0.8	4.2	6.5	7.9	3.4	6.8	8.8	41.9	5.3
<b>Percentage change, latest quarter on previous quarter</b>															
2019 Q3	KGZ6		KG7R	KGA3	KGF7	KGG5	KGH3	KGH9	KGJ2	KGJ8	KGK6	KGL4	KGB9	KGD5	KGE9
	-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	-2.8		-2.9	5.7	2.3	-8.1	0.2	6.2	3.5	-11.0	-8.3	-0.3	0.7	-13.0	-3.2
Q2	-20.0		-19.2	1.4	11.9	-15.7	1.1	-1.3	-27.4	-54.3	-3.3	-22.7	-12.2	-81.6	-13.8
Q3	19.6		19.2	-1.5	-0.4	21.6	0.1	13.8	23.5	90.5	8.0	16.0	6.0	331.0	13.2
Q4	-1.6		-1.6	-0.1	0.6	2.4	0.7	-2.0	12.1	-9.4	-2.8	3.6	3.8	-15.7	-0.9
2021 Q1	-3.4		-3.2	3.8	-1.9	-3.2	0.1	-3.0	-8.7	-16.0	-0.6	0.1	2.3	-14.3	-3.7
Q2	8.5		8.5	-4.0	0.7	15.6	0.9	10.2	6.6	25.4	5.1	4.6	4.6	51.7	9.2
Q3	2.6		2.1	-2.3	-3.9	-7.3	-1.5	-8.4	1.7	10.7	-1.0	-0.4	1.0	32.8	0.9
Q4	0.5		0.4	-0.9	-1.3	3.1	-0.2	-1.5	-2.2	3.2	-0.3	0.6	-0.1	0.1	0.7
<b>Percentage change, latest quarter on corresponding quarter of previous year</b>															
2019 Q3	KGZ7		KG7U	KGA6	KGF8	KGG6	KGH4	KG12	KGJ3	KGJ9	KGK7	KGL5	KGC2	KGD6	KGF2
	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	-2.9		-2.8	8.0	1.7	-10.0	0.3	1.9	-4.6	-10.1	1.7	2.3	4.4	-14.2	-4.6
Q2	-22.9		-22.1	9.8	15.7	-25.7	1.1	-2.4	-28.8	-59.9	-5.4	-22.9	-8.9	-84.3	-17.3
Q3	-7.5		-6.8	6.8	14.3	-9.1	1.8	15.1	-9.9	-23.0	-0.8	-10.3	-4.5	-32.0	-6.2
Q4	-8.5		-7.9	5.5	14.8	-3.6	2.1	16.9	4.0	-29.8	-7.0	-7.4	-2.7	-41.7	-6.3
2021 Q1	-9.0		-8.2	3.6	10.1	1.6	2.1	6.8	-8.3	-33.8	0.8	-7.0	-1.2	-42.6	-6.8
Q2	23.3		23.3	-1.9	-1.0	39.4	1.8	19.3	34.7	81.7	9.6	25.8	17.8	372.6	18.0
Q3	5.8		5.6	-2.7	-4.5	6.2	0.2	-4.0	11.0	5.6	0.5	8.0	12.2	45.6	5.1
Q4	8.1		7.7	-3.5	-6.3	7.0	-0.7	-3.5	-3.2	20.3	3.1	4.8	7.9	72.9	6.8

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 <sup>2</sup>							
		UK DOMESTIC <sup>3</sup>							
				Goods					
		Total	Net tourism	Total	Total	Durable goods	Semi- durable goods	Non- durable goods	Services
					D	SD	ND	S	
COICOP <sup>1</sup>		ABJR	ABTH	ZAKW	UTIH	UTID	UTIT	UTIL	UTIP
2019		1 394 457	15 366	1 379 091	566 671	142 409	129 798	294 464	812 420
2020		1 248 453	6 148	1 242 305	561 673	130 463	126 079	305 131	680 632
2021		1 325 545	5 619	1 319 926	579 359	134 661	138 793	305 905	740 567
<b>Seasonally adjusted</b>									
2019	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	337 517	3 569	333 948	139 149	31 620	31 365	76 164	194 799
	Q2	270 117	189	269 928	127 586	25 760	27 647	74 179	142 342
	Q3	323 033	1 318	321 715	149 118	38 452	33 171	77 495	172 597
	Q4	317 786	1 072	316 714	145 820	34 631	33 896	77 293	170 894
2021	Q1	307 037	509	306 528	139 996	30 411	33 095	76 490	166 532
	Q2	333 136	409	332 727	151 321	35 729	37 139	78 453	181 406
	Q3	341 803	2 080	339 723	144 002	33 918	34 163	75 921	195 721
	Q4	343 569	2 621	340 948	144 040	34 603	34 396	75 041	196 908
<b>Percentage change, latest year on previous year</b>									
2019		KGZ5		KG7O	KHD7	KHC3	KHI3	KHF3	KHG7
		1.2		1.4	2.2	4.8	4.3	0.1	0.9
2020		-10.5		-9.9	-0.9	-8.4	-2.9	3.6	-16.2
2021		6.2		6.2	3.1	3.2	10.1	0.3	8.8
<b>Percentage change, latest quarter on previous quarter</b>									
2019	Q3	KGZ6		KG7R	KHD8	KHC4	KHI4	KHF4	KHG8
		-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	-2.8		-2.9	-0.8	-8.1	-2.1	3.3	-4.3
	Q2	-20.0		-19.2	-8.3	-18.5	-11.9	-2.6	-26.9
	Q3	19.6		19.2	16.9	49.3	20.0	4.5	21.3
	Q4	-1.6		-1.6	-2.2	-9.9	2.2	-0.3	-1.0
2021	Q1	-3.4		-3.2	-4.0	-12.2	-2.4	-1.0	-2.6
	Q2	8.5		8.5	8.1	17.5	12.2	2.6	8.9
	Q3	2.6		2.1	-4.8	-5.1	-8.0	-3.2	7.9
	Q4	0.5		0.4	-	2.0	0.7	-1.2	0.6
<b>Percentage change, latest quarter on corresponding quarter of previous year</b>									
2019	Q3	KGZ7		KG7U	KHD9	KHC5	KHI5	KHF5	KHG9
		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	-2.9		-2.8	-1.4	-10.4	-2.0	3.1	-3.7
	Q2	-22.9		-22.1	-10.9	-29.7	-16.0	0.7	-30.0
	Q3	-7.5		-6.8	4.9	6.6	0.9	5.8	-15.0
	Q4	-8.5		-7.9	4.0	0.6	5.8	4.8	-16.1
2021	Q1	-9.0		-8.2	0.6	-3.8	5.5	0.4	-14.5
	Q2	23.3		23.3	18.6	38.7	34.3	5.8	27.4
	Q3	5.8		5.6	-3.4	-11.8	3.0	-2.0	13.4
	Q4	8.1		7.7	-1.2	-0.1	1.5	-2.9	15.2

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 <sup>2</sup>				Private Sector				Transport equipment	ICT equipment and other machinery and equipment <sup>3</sup>	Dwellings <sup>4</sup>	Other buildings and structures <sup>5</sup>	Intellectual Property Products		
	Business investment <sup>1</sup>	General government	Dwellings <sup>4</sup>	Costs of transfer of ownership of non-produced assets	Dwellings <sup>4</sup>	Costs of transfer of ownership of non-produced assets	Total								
2019	NPEK 225 865	RPZG 62 108	L62R 4 680	L62S 766	L62T 82 628	L62U 23 563	NPQS 399 609	TLPX 19 877	TLPW 65 098	GGAE 87 306	EQED 139 686	TLPK 87 643	NPQS 399 609		
2020	203 478	65 252	4 320	645	74 145	20 089	367 929	15 348	57 135	78 284	127 107	90 055	367 929		
2021	207 091	72 453	5 278	822	86 420	23 703	395 767	14 080	63 628	91 698	137 956	88 405	395 767		
<b>Seasonally adjusted</b>															
2019 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	55 357	15 618	1 170	185	19 935	5 623	97 888	4 649	15 115	20 924	34 455	22 745	97 888		
Q2	45 673	16 286	967	142	11 927	4 660	79 655	2 375	12 971	12 894	29 119	22 296	79 655		
Q3	49 980	16 479	1 072	145	21 053	4 612	93 341	4 159	13 947	22 125	30 757	22 353	93 341		
Q4	52 468	16 869	1 111	173	21 230	5 194	97 045	4 165	15 102	22 341	32 776	22 661	97 045		
2021 Q1	48 773	20 424	1 113	188	20 458	5 962	96 918	2 985	15 541	21 571	35 290	21 531	96 918		
Q2	52 260	17 221	1 313	199	21 254	5 989	98 236	3 715	15 585	22 567	34 250	22 119	98 236		
Q3	52 877	17 320	1 374	208	21 611	6 055	99 445	3 305	16 446	22 985	34 512	22 197	99 445		
Q4	53 181	17 488	1 478	227	23 097	5 697	101 168	4 075	16 056	24 575	33 904	22 558	101 168		
<b>Percentage change, latest year on previous year</b>															
2019	KG6N 3.9	KH7N 8.6	L64E 1.3	L64H 1.1	L64K 2.4	L64N -9.2	KG6O 3.4	KG6T -4.8	KG6S 2.0	KH7X 2.4	KH7W 5.9	KG6R 3.6	KG6O 3.4		
2020	-9.9	5.1	-7.7	-15.8	-10.3	-14.7	-7.9	-22.8	-12.2	-10.3	-9.0	2.8	-7.9		
2021	1.8	11.0	22.2	27.4	16.6	18.0	7.6	-8.3	11.4	17.1	8.5	-1.8	7.6		
<b>Percentage change, latest quarter on previous quarter</b>															
2019 Q3	KG6V 1.6	KH7P 3.3	L64F 2.2	L64I -5.4	L64L 0.6	L64O 1.9	KG6W 1.6	KG73 15.4	KG72 2.1	KH83 0.7	KH82 -0.4	KG6Z 2.4	KG6W 1.6		
Q4	-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	-2.5	1.1	-4.6	-1.1	-1.9	0.1	-1.7	-6.4	-5.0	-2.9	-1.5	2.6	-1.7		
Q2	-17.5	4.3	-17.4	-23.2	-40.2	-17.1	-18.6	-48.9	-14.2	-38.4	-15.5	-2.0	-18.6		
Q3	9.4	1.2	10.9	2.1	76.5	-1.0	17.2	75.1	7.5	71.6	5.6	0.3	17.2		
Q4	5.0	2.4	3.6	19.3	0.8	12.6	4.0	0.1	8.3	1.0	6.6	1.4	4.0		
2021 Q1	-7.0	21.1	0.2	8.7	-3.6	14.8	-0.1	-28.3	2.9	-3.4	7.7	-5.0	-0.1		
Q2	7.1	-15.7	18.0	5.9	3.9	0.5	1.4	24.5	0.3	4.6	-2.9	2.7	1.4		
Q3	1.2	0.6	4.6	4.5	1.7	1.1	1.2	-11.0	5.5	1.9	0.8	0.4	1.2		
Q4	0.6	1.0	7.6	9.1	6.9	-5.9	1.7	23.3	-2.4	6.9	-1.8	1.6	1.7		
<b>Percentage change, latest quarter on corresponding quarter of previous year</b>															
2019 Q3	KG75 6.2	KH7R 5.7	L64G 4.2	L64J -2.5	L64M 2.7	L64P -15.7	KG76 3.8	KG7B -1.7	KG7A 3.1	KH87 2.8	KH86 5.1	KG79 4.7	KG76 3.8		
Q4	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	-0.3	-2.5	4.0	1.6	-3.1	-12.3	-1.9	11.7	-8.7	-3.6	-3.9	5.6	-1.9		
Q2	-19.0	8.1	-16.1	-30.4	-42.7	-18.4	-19.8	-52.4	-19.6	-41.3	-15.6	2.7	-19.8		
Q3	-12.7	5.9	-8.9	-24.9	0.6	-20.8	-7.5	-27.7	-15.4	0.1	-10.5	0.6	-7.5		
Q4	-7.6	9.2	-9.4	-7.5	4.5	-7.5	-2.5	-16.2	-5.1	3.7	-6.3	2.3	-2.5		
2021 Q1	-11.9	30.8	-4.9	1.6	2.6	6.0	-1.0	-35.8	2.8	3.1	2.4	-5.3	-1.0		
Q2	14.4	5.7	35.8	40.1	78.2	28.5	23.3	56.4	20.2	75.0	17.6	-0.8	23.3		
Q3	5.8	5.1	28.2	43.4	2.7	31.3	6.5	-20.5	17.9	3.9	12.2	-0.7	6.5		
Q4	1.4	3.7	33.0	31.2	8.8	9.7	4.2	-2.2	6.3	10.0	3.4	-0.5	4.2		

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 <sup>7</sup>								Analysis by asset					
	Public corporations <sup>2</sup>				Private Sector									
	Business investment <sup>1,6</sup>	General government	Dwellings <sup>4</sup>	Costs of transfer of ownership of non-produced assets	Dwellings <sup>4</sup>	Costs of transfer of ownership of non-produced assets	NPQT	Transport equipment	ICT equipment and other machinery and	Dwellings <sup>4</sup>	Other buildings and structures <sup>5</sup>	Intellectual Property Products	Total	
	NPEL	DLWF	L634	L635	L636	L637	NPQT	DLWL	DLWO	DFEG	DLWT	EQDO	NPQT	
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	199 909	63 739	4 265	482	73 221	20 002	361 618	15 046	56 347	77 306	124 939	87 980	361 618	
2021	201 547	69 878	5 072	599	82 977	22 827	382 900	13 761	63 739	88 049	131 830	85 521	382 900	
<b>Seasonally adjusted</b>														
2019 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	55 060	14 653	1 199	140	19 729	5 598	96 379	4 726	14 866	20 748	33 598	22 441	96 379	
Q2	44 779	16 464	962	104	11 769	4 588	78 666	2 259	12 845	12 731	29 025	21 806	78 666	
Q3	48 806	16 220	1 019	108	20 825	4 639	91 617	3 989	13 659	21 844	30 360	21 765	91 617	
Q4	51 264	16 402	1 085	130	20 898	5 177	94 956	4 072	14 977	21 983	31 956	21 968	94 956	
2021 Q1	47 538	19 352	1 160	138	20 061	5 818	94 067	2 883	15 290	21 221	33 827	20 846	94 067	
Q2	50 915	16 815	1 283	145	20 660	5 858	95 676	3 541	15 633	21 943	33 075	21 484	95 676	
Q3	51 292	16 910	1 305	151	20 621	5 785	96 064	3 146	16 530	21 926	32 998	21 464	96 064	
Q4	51 802	16 801	1 324	165	21 635	5 366	97 093	4 191	16 286	22 959	31 930	21 727	97 093	
<b>Percentage change, latest year on previous year</b>														
2019	KG7M	KH92	L64T	L64W	L654	L64Z	KG7N	KH95	KH96	KH8Y	KH97	KH98	KG7N	
	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	-11.5	2.6	-8.8	-18.6	-11.4	-15.7	-9.5	-24.3	-13.4	-11.5	-10.6	0.4	-9.5	
2021	0.8	9.6	18.9	24.3	13.3	14.1	5.9	-8.5	13.1	13.9	5.5	-2.8	5.9	
<b>Percentage change, latest quarter on previous quarter</b>														
2019 Q3	KG7P	KH9C	L64U	L64X	L655	L652	KG7Q	KH9F	KH9G	KH9A	KH9H	KH9I	KG7Q	
	1.2	2.8	-2.0	-5.7	-0.1	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	-2.9	-3.7	-3.3	-2.8	-1.8	-0.3	-2.7	-8.9	-3.3	-2.7	-4.6	2.4	-2.7	
Q2	-18.7	12.4	-19.8	-25.7	-40.3	-18.0	-18.4	-52.2	-13.6	-38.6	-13.6	-2.8	-18.4	
Q3	9.0	-1.5	5.9	3.8	76.9	1.1	16.5	76.6	6.3	71.6	4.6	-0.2	16.5	
Q4	5.0	1.1	6.5	20.4	0.4	11.6	3.6	2.1	9.6	0.6	5.3	0.9	3.6	
2021 Q1	-7.3	18.0	6.9	6.2	-4.0	12.4	-0.9	-29.2	2.1	-3.5	5.9	-5.1	-0.9	
Q2	7.1	-13.1	10.6	5.1	3.0	0.7	1.7	22.8	2.2	3.4	-2.2	3.1	1.7	
Q3	0.7	0.6	1.7	4.1	-0.2	-1.2	0.4	-11.2	5.7	-0.1	-0.2	-0.1	0.4	
Q4	1.0	-0.6	1.5	9.3	4.9	-7.2	1.1	33.2	-1.5	4.7	-3.2	1.2	1.1	
<b>Percentage change, latest quarter on corresponding quarter of previous year</b>														
2019 Q3	KG7S	KH9M	L64V	L64Y	L656	L653	KG7T	KH9P	KH9Q	KH9K	KH9R	KH9S	KG7T	
	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	-1.9	-9.5	8.1	-0.7	-5.2	-14.1	-4.5	13.0	-13.1	-5.3	-6.2	2.6	-4.5	
Q2	-20.3	8.8	-18.2	-34.2	-43.6	-19.9	-20.8	-52.5	-20.2	-42.3	-16.1	0.2	-20.8	
Q3	-14.2	4.2	-11.6	-27.5	-0.1	-21.1	-8.8	-30.6	-17.2	-0.7	-10.9	-1.5	-8.8	
Q4	-9.6	7.8	-12.5	-9.7	4.0	-7.8	-4.1	-21.5	-2.6	3.1	-9.2	0.2	-4.1	
2021 Q1	-13.7	32.1	-3.3	-1.4	1.7	3.9	-2.4	-39.0	2.9	2.3	0.7	-7.1	-2.4	
Q2	13.7	2.1	33.4	39.4	75.5	27.7	21.6	56.8	21.7	72.4	14.0	-1.5	21.6	
Q3	5.1	4.3	28.1	39.8	-1.0	24.7	4.9	-21.1	21.0	0.4	8.7	-1.4	4.9	
Q4	1.0	2.4	22.0	26.9	3.5	3.7	2.3	2.9	8.7	4.4	-0.1	-1.1	2.3	

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.

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 <sup>1</sup>

£ million

	Mining and quarrying	Manufacturing industries				Electricity, gas and water supply	Distributive trades			Changes in inventories <sup>3</sup>
		Materials and fuel	Work in progress	Finished goods	Total		Wholesale <sup>2</sup>	Retail <sup>2</sup>	Other industries <sup>3</sup>	
<b>Level of inventories held at end-December 2019</b>	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
2019	357	5 486	-974	-1 376	3 136	1 183	1 930	440	-537	6 509
2020	404	-231	-3 265	806	-2 690	-1 627	-1 554	-484	-3 010	-8 961
2021	-1 054	1 460	2 134	5 271	8 865	58	2 938	-358	-10 208	241
<b>Seasonally adjusted</b>										
2019 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	1 766	-2 890
Q2	1 223	565	-318	629	876	914	-493	-715	-4 128	-2 323
Q3	-1 174	-445	-2 778	-443	-3 666	-2 230	479	810	-2 636	-8 417
Q4	-102	9	-121	1 011	899	190	848	846	1 988	4 669
2021 Q1	-1 014	-1 147	1 313	2 506	2 672	-481	545	74	-1 968	-172
Q2	112	1 379	815	-344	1 850	879	203	412	-7 224	-3 768
Q3	-165	854	69	1 889	2 812	-865	670	447	-2 144	755
Q4	13	374	-63	1 220	1 531	525	1 520	-1 291	1 128	3 426

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

2 Wholesaling and retailing estimates exclude the motor trades.

3 Quarterly alignment adjustment included in this series.

# G2 Changes in inventories at chained volume measures<sup>1</sup>

Reference year 2019, £ million

	Mining and quarrying	Manufacturing industries				Electricity, gas and water supply	Distributive trades			Changes in inventories <sup>3</sup>
		Materials and fuel	Work in progress	Finished goods	Total		Wholesale <sup>2</sup>	Retail <sup>2</sup>	Other industries <sup>3</sup>	
<b>Level of inventories held at end-December 2019</b>	555	28 419	19 068	21 578	69 065	354	43 107	34 887	63 662	211 630
2019	FAEA 357	FBNF 5 486	FBNG -974	FBNH -1 376	DHBM 3 136	FAEB 1 183	FAJX 1 930	FBYN 440	DLWX -537	CAFU 6 509
2020	1 138	150	-4 834	276	-4 408	702	-333	-3 552	-2 524	-8 977
2021	-477	1 932	1 804	5 007	8 743	49	3 294	-744	-10 646	219
<b>Seasonally adjusted</b>										
2019 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	788	-2 460
Q2	874	-307	-742	-388	-1 437	673	-178	-1 554	-4 306	-5 928
Q3	-550	-597	-2 847	-959	-4 403	-1 391	827	-140	-49	-5 706
Q4	305	1 147	-519	1 394	2 022	1 400	502	-155	1 043	5 117
2021 Q1	-671	-863	1 212	2 338	2 687	-278	686	32	-1 784	672
Q2	-38	1 340	957	-304	1 993	928	280	352	-7 269	-3 754
Q3	636	1 266	71	2 139	3 476	-939	717	317	-2 196	2 011
Q4	-404	189	-436	834	587	338	1 611	-1 445	603	1 290

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 <sup>1</sup>
	BOKG	IKBB	IKBH	BOKH	IKBC	IKBI	BOKI	IKBD	IKBJ
2019	371 955	327 295	699 250	510 169	209 769	719 938	-138 214	117 526	-20 688
2020	309 016	300 881	609 897	438 321	165 220	603 541	-129 305	135 661	6 356
2021	321 792	303 582	625 374	477 858	176 623	654 481	-156 066	126 959	-29 107
<b>Seasonally adjusted</b>									
2019 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	82 427	81 500	163 927	112 443	48 528	160 971	-30 016	32 972	2 956
Q2	72 306	70 792	143 098	87 262	38 240	125 502	-14 956	32 552	17 596
Q3	73 597	72 238	145 835	107 669	38 650	146 319	-34 072	33 588	-484
Q4	80 686	76 351	157 037	130 947	39 802	170 749	-50 261	36 549	-13 712
2021 Q1	72 744	72 979	145 723	111 092	39 918	151 010	-38 348	33 061	-5 287
Q2	83 194	74 735	157 929	116 843	42 294	159 137	-33 649	32 441	-1 208
Q3	77 068	75 357	152 425	122 619	46 268	168 887	-45 551	29 089	-16 462
Q4	88 786	80 511	169 297	127 304	48 143	175 447	-38 518	32 368	-6 150
<b>Percentage change, latest year on previous year</b>									
	KG9K	KH35	KH2O	KG9L	KH3W	KH3H			
2019	6.0	4.7	5.4	3.5	5.7	4.1			
2020	-16.9	-8.1	-12.8	-14.1	-21.2	-16.2			
2021	4.1	0.9	2.5		6.9	8.4			
<b>Percentage change, latest quarter on previous quarter</b>									
	KG9O	KH36	KH2P	KG9P	KH3X	KH3I			
2019 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	-18.4	-4.4	-12.0	-5.5	-11.2	-7.3			
Q2	-12.3	-13.1	-12.7	-22.4	-21.2	-22.0			
Q3	1.8	2.0	1.9	23.4	1.1	16.6			
Q4	9.6	5.7	7.7	21.6	3.0	16.7			
2021 Q1	-9.8	-4.4	-7.2	-15.2	0.3	-11.6			
Q2	14.4	2.4	8.4	5.2	6.0	5.4			
Q3	-7.4	0.8	-3.5	4.9	9.4	6.1			
Q4	15.2	6.8	11.1	3.8	4.1	3.9			
<b>Percentage change, latest quarter on corresponding quarter of previous year</b>									
	KG9S	KH37	KH2Q	KG9T	KH3Y	KH3J			
2019 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	-9.0	4.5	-2.7	-20.9	-2.2	-16.0			
Q2	-16.8	-12.0	-14.5	-29.5	-26.3	-28.6			
Q3	-21.2	-13.6	-17.6	-14.0	-27.9	-18.2			
Q4	-20.2	-10.5	-15.7	10.0	-27.2	-1.7			
2021 Q1	-11.7	-10.5	-11.1	-1.2	-17.7	-6.2			
Q2	15.1	5.6	10.4	33.9	10.6	26.8			
Q3	4.7	4.3	4.5	13.9	19.7	15.4			
Q4	10.0	5.4	7.8	-2.8	21.0	2.8			

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

# H2 Exports and imports of goods and services

## Chained volume measures

Reference year 2019, £ million

	Exports			Imports			Balance
	Goods	Services	Total	Goods	Services	Total	Total <sup>1</sup>
	BQKQ	IKBE	IKBK	BQKO	IKBF	IKBL	IKBM
2019	371 955	327 295	699 250	510 169	209 769	719 938	-20 688
2020	319 364	289 254	608 618	442 533	163 880	606 413	2 205
2021	314 862	285 930	600 792	462 849	166 855	629 704	-28 912
<b>Seasonally adjusted</b>							
2019 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	83 401	79 506	162 907	113 507	49 324	162 831	76
Q2	77 156	67 302	144 458	89 569	37 361	126 930	17 528
Q3	75 973	69 862	145 835	109 213	38 170	147 383	-1 548
Q4	82 834	72 584	155 418	130 244	39 025	169 269	-13 851
2021 Q1	73 618	69 502	143 120	110 512	37 773	148 285	-5 165
Q2	82 460	70 909	153 369	115 125	40 434	155 559	-2 190
Q3	75 744	71 319	147 063	118 591	44 076	162 667	-15 604
Q4	83 040	74 200	157 240	118 621	44 572	163 193	-5 953
<b>Percentage change, latest year on previous year</b>							
	KG9X	KH3B	KH2U	KG9W	KH44	KH3N	
2019	3.9	2.7	3.4	2.5	4.0	2.9	
2020	-14.1	-11.6	-13.0	-13.3	-21.9	-15.8	
2021	-1.4	-1.1	-1.3	4.6	1.8	3.8	
<b>Percentage change, latest quarter on previous quarter</b>							
	KGA2	KH3C	KH2V	KG9Z	KH45	KH3O	
2019 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	-18.1	-6.2	-12.7	-5.4	-9.3	-6.6	
Q2	-7.5	-15.3	-11.3	-21.1	-24.3	-22.0	
Q3	-1.5	3.8	1.0	21.9	2.2	16.1	
Q4	9.0	3.9	6.6	19.3	2.2	14.8	
2021 Q1	-11.1	-4.2	-7.9	-15.2	-3.2	-12.4	
Q2	12.0	2.0	7.2	4.2	7.0	4.9	
Q3	-8.1	0.6	-4.1	3.0	9.0	4.6	
Q4	9.6	4.0	6.9	-	1.1	0.3	
<b>Percentage change, latest quarter on corresponding quarter of previous year</b>							
	KGA5	KH3D	KH2W	KGA4	KH46	KH3P	
2019 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	-8.7	1.2	-4.1	-21.0	-2.2	-16.1	
Q2	-10.5	-16.7	-13.5	-27.5	-27.8	-27.6	
Q3	-17.9	-16.0	-17.0	-11.2	-28.3	-16.4	
Q4	-18.6	-14.4	-16.7	8.6	-28.2	-2.9	
2021 Q1	-11.7	-12.6	-12.1	-2.6	-23.4	-8.9	
Q2	6.9	5.4	6.2	28.5	8.2	22.6	
Q3	-0.3	2.1	0.8	8.6	15.5	10.4	
Q4	0.2	2.2	1.2	-8.9	14.2	-3.6	

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



# Gross value added at basic prices: individual measures

	£ million				Index numbers (2019 = 100) <sup>3</sup>				
	Expenditure-based estimate at chained volume measures	At current prices			Value indices at current prices		Chained volume indices		
		Expenditure-based estimate	Income-based estimate	Residual error <sup>1</sup>	Expenditure-based estimate	Income-based estimate	Expenditure-based estimate	Income-based estimate <sup>2</sup>	Output-based estimate
	CAGR	CAGQ	CAGS	DJDS	IHYA	IHYB	IHYC	IHYD	YBFR
2019	2 017 344	2 017 344	2 017 344	–	100.0	100.0	100.0	100.0	100.0
2020	1 832 058	1 947 230	1 937 800	9 430	96.5	96.1	90.8	90.4	90.8
2021	1 959 172	2 077 188	2 085 863	–8 675	103.0	103.4	97.1	97.5	97.6
<b>Seasonally adjusted</b>									
2019 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	491 767	502 251	504 841	–2 590	99.6	100.1	97.5	98.0	97.5
Q2	400 135	448 175	440 282	7 893	88.9	87.3	79.3	77.9	78.7
Q3	467 308	496 127	492 523	3 604	98.4	97.7	92.7	92.0	92.9
Q4	472 848	500 677	500 154	523	99.3	99.2	93.8	93.6	94.2
2021 Q1	466 726	500 876	502 119	–1 243	99.3	99.6	92.5	92.8	93.0
Q2	492 268	514 254	516 692	–2 438	102.0	102.4	97.6	98.1	98.1
Q3	496 907	521 932	524 394	–2 462	103.5	104.0	98.5	99.0	99.1
Q4	503 271	540 126	542 658	–2 532	107.1	107.6	99.8	100.3	100.3
<b>Percentage change, latest year on previous year</b>									
	KH4D	KH47	KH68		KH47	KH68	KH4D	KH6E	GDPQ
2019	1.8	3.8	3.8		3.8	3.8	1.8	1.8	1.8
2020	–9.2	–3.5	–3.9		–3.5	–3.9	–9.2	–9.6	–9.2
2021	6.9	6.7	7.6		6.7	7.6	6.9	7.9	7.5
<b>Percentage change, latest quarter on previous quarter</b>									
	KH4F	KH49	KH6A		KH49	KH6A	KH4F	KH6G	
2019 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	–2.7	–1.4	–0.9		–1.4	–0.9	–2.7	–2.2	–2.7
Q2	–18.6	–10.8	–12.8		–10.8	–12.8	–18.6	–20.5	–19.3
Q3	16.8	10.7	11.9		10.7	11.9	16.8	18.0	17.9
Q4	1.2	0.9	1.5		0.9	1.5	1.2	1.8	1.5
2021 Q1	–1.3	–	0.4		–	0.4	–1.3	–0.9	–1.3
Q2	5.5	2.7	2.9		2.7	2.9	5.5	5.7	5.5
Q3	0.9	1.5	1.5		1.5	1.5	0.9	0.9	0.9
Q4	1.3	3.5	3.5		3.5	3.5	1.3	1.3	1.3
<b>Percentage change, latest quarter on corresponding quarter of previous year</b>									
	KH4H	KH4B	KH6C		KH4B	KH6C	KH4H	KH6I	GDPR
2019 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	–2.2	0.7	1.3		0.7	1.3	–2.2	–1.7	–2.2
Q2	–20.6	–10.5	–12.1		–10.5	–12.1	–20.6	–22.0	–21.2
Q3	–7.6	–2.5	–3.2		–2.5	–3.2	–7.6	–8.3	–7.4
Q4	–6.4	–1.7	–1.8		–1.7	–1.8	–6.4	–6.6	–6.0
2021 Q1	–5.1	–0.3	–0.5		–0.3	–0.5	–5.1	–5.3	–4.6
Q2	23.0	14.7	17.4		14.7	17.4	23.0	25.8	24.7
Q3	6.3	5.2	6.5		5.2	6.5	6.3	7.6	6.7
Q4	6.4	7.9	8.5		7.9	8.5	6.4	7.1	6.5

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

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

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

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

£ million

	Changes in inventories		Gross operating surplus of non-financial corporations at current prices
	At current prices	Chained volume measures (Reference year 2019)	
<b>Seasonally adjusted</b>			
	DMUN	DMUM	DMUQ
2019 Q3	454	449	1 468
Q4	-1 975	-1 967	-1 949
2020 Q1	90	76	-2 799
Q2	-932	-859	2 397
Q3	-1 038	-1 005	1 073
Q4	1 880	1 788	-671
2021 Q1	-536	-498	1 595
Q2	-2 906	-2 777	188
Q3	906	880	-4 053
Q4	2 536	2 395	2 270

<sup>1</sup> 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 <sup>3,4</sup>
	YBHA	BKTL	ABML	NMRP	RPZG	ABMI	ABMM	NMRY	DLWF	L8GG
2019/20	2 259 433	2 260 614	2 021 902	428 350	61 702	2 244 085	2 007 248	423 492	60 577	94.6557
2020/21	2 144 597	2 140 996	1 943 235	499 422	70 058	2 018 814	1 804 669	400 972	68 438	100.0000
<b>Seasonally adjusted</b>										
2019 Q3	568 439	563 283	508 813	107 365	15 562	565 362	505 505	105 255	15 565	94.5180
Q4	568 119	576 734	509 329	109 568	15 453	565 109	505 310	107 960	15 220	94.5071
2020 Q1	561 399	566 340	503 149	108 007	15 618	550 835	492 648	105 082	14 653	95.8092
Q2	488 065	484 182	444 416	122 327	16 286	443 817	396 717	85 879	16 464	103.3787
Q3	545 866	537 153	495 287	122 350	16 479	521 910	466 505	101 921	16 220	98.3213
Q4	555 051	562 706	501 358	125 172	16 869	529 647	473 498	106 035	16 402	98.5153
2021 Q1	555 615	556 955	502 174	129 573	20 424	523 440	467 949	107 137	19 352	99.7848
Q2	575 389	572 747	516 004	125 910	17 221	552 521	493 948	116 262	16 815	97.8971
Q3	584 377	579 636	523 702	126 681	17 320	557 700	498 596	115 529	16 910	98.5030
Q4	601 673	607 716	541 948	129 105	17 488	564 812	504 981	117 221	16 801	100.1414
<b>Percentage change, latest financial year on previous financial year</b>										
2019/20	2.9	2.8	3.1	6.1	4.1	0.6	0.7	3.0	-0.7	2.3
2020/21	-5.1	-5.3	-3.9	16.6	13.5	-10.0	-10.1	-5.3	13.0	5.6
<b>Percentage change, latest quarter on previous quarter</b>										
	IHYN	A8L9	KGL8	KH2D	KH7P	IHYQ	KGM9	KH2J	KH9C	L8GH
2019 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	-1.2	-1.8	-1.2	-1.4	1.1	-2.5	-2.5	-2.7	-3.7	1.4
Q2	-13.1	-14.5	-11.7	13.3	4.3	-19.4	-19.5	-18.3	12.4	7.9
Q3	11.8	10.9	11.4	-	1.2	17.6	17.6	18.7	-1.5	-4.9
Q4	1.7	4.8	1.2	2.3	2.4	1.5	1.5	4.0	1.1	0.2
2021 Q1	0.1	-1.0	0.2	3.5	21.1	-1.2	-1.2	1.0	18.0	1.3
Q2	3.6	2.8	2.8	-2.8	-15.7	5.6	5.6	8.5	-13.1	-1.9
Q3	1.6	1.2	1.5	0.6	0.6	0.9	0.9	-0.6	0.6	0.6
Q4	3.0	4.8	3.5	1.9	1.0	1.3	1.3	1.5	-0.6	1.7
<b>Percentage change, latest quarter on corresponding quarter of previous year</b>										
	IHYO	A8LA	KGM2	KH2E	KH7R	IHYR	KGN3	KH2K	KH9M	L8GI
2019 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	0.7	1.0	0.9	4.2	-2.5	-2.0	-2.0	-0.5	-9.5	2.8
Q2	-13.1	-12.6	-11.2	18.3	8.1	-21.1	-21.3	-18.4	8.8	10.2
Q3	-4.0	-4.6	-2.7	14.0	5.9	-7.7	-7.7	-3.2	4.2	4.0
Q4	-2.3	-2.4	-1.6	14.2	9.2	-6.3	-6.3	-1.8	7.8	4.2
2021 Q1	-1.0	-1.7	-0.2	20.0	30.8	-5.0	-5.0	2.0	32.1	4.1
Q2	17.9	18.3	16.1	2.9	5.7	24.5	24.5	35.4	2.1	-5.3
Q3	7.1	7.9	5.7	3.5	5.1	6.9	6.9	13.4	4.3	0.2
Q4	8.4	8.0	8.1	3.1	3.7	6.6	6.6	10.5	2.4	1.7

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 deflators<sup>1</sup>

2021 = 100

	Implied deflators <sup>2</sup>		
	Gross national expenditure	Gross domestic product at market prices <sup>3</sup>	Gross value added at basic prices
	MNE2	MNF2	MNX5
2019	94.9445	94.8763	94.3081
2020	99.8640	99.9238	100.4889
2021	100.0000	100.0000	100.0000
<b>Seasonally adjusted</b>			
2019 Q3	95.6599	95.3941	94.9268
Q4	95.3847	95.3831	95.0597
2020 Q1	96.2566	96.6973	96.3199
Q2	104.7687	104.3369	105.6489
Q3	99.0849	99.2327	100.1282
Q4	99.3459	99.4284	99.8587
2021 Q1	100.7332	100.7097	101.2073
Q2	98.6779	98.8046	98.5208
Q3	99.4925	99.4161	99.0584
Q4	101.0965	101.0697	101.2135
<b>Percentage change, latest year on previous year</b>			
	MNE3	MNF3	MNX6
2019	1.8	2.0	2.0
2020	5.2	5.3	6.6
2021	0.1	0.1	-0.5
<b>Percentage change, latest quarter on previous quarter</b>			
	MNE4	MNF4	MNX7
2019 Q3	1.0	0.8	1.3
Q4	-0.3	-	0.1
2020 Q1	0.9	1.4	1.3
Q2	8.8	7.9	9.7
Q3	-5.4	-4.9	-5.2
Q4	0.3	0.2	-0.3
2021 Q1	1.4	1.3	1.4
Q2	-2.0	-1.9	-2.7
Q3	0.8	0.6	0.5
Q4	1.6	1.7	2.2
<b>Percentage change, latest quarter on corresponding quarter of previous year</b>			
	MNE5	MNF5	MNX8
2019 Q3	2.2	2.3	2.4
Q4	1.7	1.9	2.3
2020 Q1	2.4	2.8	3.0
Q2	10.6	10.2	12.7
Q3	3.6	4.0	5.5
Q4	4.2	4.2	5.0
2021 Q1	4.7	4.1	5.1
Q2	-5.8	-5.3	-6.7
Q3	0.4	0.2	-1.1
Q4	1.8	1.7	1.4

1 Implied deflator is expressed in terms of 2021 = 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 Head<sup>1</sup>

£

	UK resident population mid-year estimates (persons thousands) <sup>2</sup>	Current Prices		Chained volume measures (Reference year 2019)	
		Gross domestic product at market prices <sup>3</sup>	Gross domestic product per head	Gross domestic product at market prices <sup>3</sup>	Gross domestic product per head
	EBAQ	YBHA	IHXT	ABMI	IHXW
2019	66 797	2 255 283	33 763	2 255 283	33 763
2020	67 081	2 150 381	32 056	2 046 209	30 504
2021	67 531	2 317 054	34 311	2 198 473	32 555
<b>Seasonally adjusted</b>					
2019 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	561 399	8 378	550 835	8 220
Q2	67 081	488 065	7 276	443 817	6 616
Q3	67 193	545 866	8 124	521 910	7 767
Q4	67 306	555 051	8 247	529 647	7 869
2021 Q1	67 418	555 615	8 241	523 440	7 764
Q2	67 531	575 389	8 520	552 521	8 182
Q3	67 547	584 377	8 651	557 700	8 256
Q4	67 563	601 673	8 905	564 812	8 360
<b>Percentage change, latest year on previous year</b>					
		IHYM	N3Y3	IHYP	N3Y6
2019		3.7	3.2	1.7	1.1
2020		-4.7	-5.1	-9.3	-9.7
2021		7.8	7.0	7.4	6.7
<b>Percentage change, latest quarter on previous quarter</b>					
		IHYN	N3Y4	IHYQ	N3Y7
2019 Q3		1.2	1.1	0.5	0.4
Q4		-0.1	-0.2	-	-0.2
2020 Q1		-1.2	-1.3	-2.5	-2.6
Q2		-13.1	-13.2	-19.4	-19.5
Q3		11.8	11.7	17.6	17.4
Q4		1.7	1.5	1.5	1.3
2021 Q1		0.1	-0.1	-1.2	-1.3
Q2		3.6	3.4	5.6	5.4
Q3		1.6	1.5	0.9	0.9
Q4		3.0	2.9	1.3	1.3
<b>Percentage change, latest quarter on corresponding quarter of previous year</b>					
		IHYO	N3Y5	IHYR	N3Y8
2019 Q3		4.0	3.4	1.6	1.1
Q4		3.1	2.6	1.2	0.7
2020 Q1		0.7	0.3	-2.0	-2.4
Q2		-13.1	-13.4	-21.1	-21.5
Q3		-4.0	-4.4	-7.7	-8.1
Q4		-2.3	-2.8	-6.3	-6.8
2021 Q1		-1.0	-1.6	-5.0	-5.5
Q2		17.9	17.1	24.5	23.7
Q3		7.1	6.5	6.9	6.3
Q4		8.4	8.0	6.6	6.2

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 Analysis<sup>1</sup>

## Revisions since previously published estimates

£ million

		2020	2021
<b>Latest less previously published levels of GDP</b>			
<b>at current market prices</b>			
<b>National accounts aggregates</b>			
<b>at current prices (Table A2)</b>			
Gross domestic product at market prices	KB7D	-2 265	-613
less Basic price adjustment	KB7E	122	2 996
Gross value added at basic prices	KB7F	-2 387	-3 609
<b>Gross domestic product:</b>			
<b>expenditure at current prices (Table C1)</b>			
National expenditure on goods and services			
at market prices			
Households	KB7K	-845	807
Non-profit institutions serving households	KB7L	-2 475	-1 033
General government	KB7M	-3 200	-9 799
Gross fixed capital formation	KB7N	-307	1 227
Changes in inventories	KB7O	500	301
Acquisitions less disposals of valuables	KB7P	-124	2 239
Total	KB7Q	-6 451	-6 258
Total exports	KB7R	4 555	6 407
Total imports	KB7S	1 058	6 753
Statistical discrepancy (expenditure)	KB7T	689	5 991
<b>Gross domestic product:</b>			
<b>income at current prices (Table D)</b>			
Compensation of employees	KB7U	161	-1 427
Gross operating surplus of corporations	KB7V	320	83
Other income	KB7W	153	-507
Gross value added at factor cost	KB7X	634	-1 851
Taxes on products & production less Subsidies	KB7Y	-756	3 101
Statistical discrepancy (income)	KB7Z	-2 143	-1 863

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

		2020	2021
<b>Latest less previously published growth rates for GDP</b>			
<b>in chained volume terms</b>			
<b>Percentage changes in volume of GDP (Table A2)</b>			
Gross domestic product chained volume measures			
Year on year growth	KB82	0.1	-0.1
<b>Percentage changes in volume</b>			
<b>of GVA output components (Table B1)</b>			
GVA at basic prices			
Agriculture, forestry and fishing	KB83	-0.8	4.4
Mining and quarrying inc oil & gas extraction	KB84	-0.4	2.1
Manufacturing	KB85	0.1	0.4
Electricity, gas, steam and air	KB86	0.1	-0.8
Water supply, sewerage	KNT7	-0.1	0.8
Total Production	KB87	-	0.4
Construction	KB88	-	0.2
Distribution, hotels and restaurants	KB89	-0.2	-
Transport storage and communications	KB8A	-0.5	1.2
Business services and finance	KB8B	-0.2	0.4
Government and other services	KB8C	0.9	-0.6
Total services	KB8D	0.1	0.1
Total GVA	KB8E	0.2	-0.1
Total GVA excluding Oil	KB8F	0.1	-0.1
<b>Percentage changes in volume</b>			
<b>of GDP expenditure components (Table C2)</b>			
National expenditure on goods and services			
at market prices			
Households	KB8G	-	0.1
Non-profit institutions serving households	KB8H	-2.9	0.5
General government	KB8I	-0.5	-0.2
Gross fixed capital formation	KB8J	-0.1	0.6
Total	KB8K	-0.2	0.1
Total exports	KB8L	0.9	-0.2
Total imports	KB8M	0.1	0.8

# R Revisions Analysis<sup>1</sup>

## Revisions since previously published estimates

continued

£ million

		2020	2020	2020	2020	2021	2021	2021	2021
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
<b>Latest less previously published levels of GDP</b>									
<b>at current market prices</b>									
<b>National accounts aggregates</b>									
<b>at current prices (Table A2)</b>									
Gross domestic product at market prices	KB7D	-819	-517	-637	-292	-701	-3 191	-2 519	5 798
less Basic price adjustment	KB7E	453	191	66	-588	82	609	541	1 764
Gross value added at basic prices	KB7F	-1 272	-708	-703	296	-783	-3 800	-3 060	4 034
<b>Gross domestic product:</b>									
<b>expenditure at current prices (Table C1)</b>									
National expenditure on goods and services									
at market prices									
Households	KB7K	-1 594	-598	576	771	311	-261	-352	1 109
Non-profit institutions serving households	KB7L	-45	-1 347	-726	-357	-668	-283	-95	13
General government	KB7M	-224	-1 112	-1 365	-499	-1 675	-1 356	-2 412	-4 356
Gross fixed capital formation	KB7N	-148	-217	15	43	289	73	675	190
Changes in inventories	KB7O	-704	2 195	-1 803	812	-1 000	-2 307	-975	4 583
Acquisitions less disposals of valuables	KB7P	-8	-422	1 680	-1 374	139	-16	-197	2 313
Total	KB7Q	-2 723	-1 501	-1 623	-604	-2 604	-4 150	-3 356	3 852
Total exports	KB7R	602	904	1 441	1 608	-283	-86	1 126	5 650
Total imports	KB7S	-1 223	-385	627	2 039	-746	436	1 799	5 264
Statistical discrepancy (expenditure)	KB7T	79	-305	172	743	1 440	1 481	1 510	1 560
<b>Gross domestic product:</b>									
<b>income at current prices (Table D)</b>									
Compensation of employees	KB7U	116	-261	38	268	173	-520	-851	-229
Gross operating surplus of corporations	KB7V	-674	637	-456	813	374	-2 765	-1 576	4 050
Other income	KB7W	47	44	27	35	-19	-73	-179	-236
Gross value added at factor cost	KB7X	-511	420	-391	1 116	528	-3 358	-2 606	3 585
Taxes on products & production less Subsidies	KB7Y	401	-60	-233	-864	-177	425	356	2 497
Statistical discrepancy (income)	KB7Z	-709	-877	-13	-544	-1 052	-258	-269	-284

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

		2020	2020	2020	2020	2021	2021	2021	2021
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
<b>Latest less previously published growth rates</b>									
<b>for GDP in chained volume terms</b>									
<b>Percentage changes in volume of GDP (Table A2)</b>									
Gross domestic product chained volume measures									
Quarter on quarter growth	KB82	0.1	-	-	-	-	-	-0.1	0.3
Quarter on same quarter a year earlier	KB94	0.1	0.1	0.1	0.1	-	-0.1	-0.1	0.1
<b>Percentage changes in volume</b>									
<b>of GVA output components (Table B1)</b>									
GVA at basic prices quarter on quarter growth									
Agriculture, forestry and fishing	KB83	0.3	0.8	-2.1	-3.1	5.1	-	4.3	0.8
Mining and quarrying inc oil & gas extraction	KB84	0.1	-1.5	0.7	0.6	2.5	0.1	-1.1	-0.8
Manufacturing	KB85	-	-0.3	0.8	0.3	-0.3	-0.2	0.7	0.4
Electricity, gas, steam and air	KB86	-0.1	0.6	-0.6	-0.5	0.1	0.3	-1.1	-0.6
Water supply, sewerage	KNT7	-	-0.5	0.5	0.2	1.1	-0.5	-1.0	0.9
Total Production	KB87	-0.1	-0.4	0.6	0.2	-	-0.1	0.2	0.2
Construction	KB88	-0.3	0.1	0.2	0.3	-0.6	0.6	-0.1	-
Distribution, hotels and restaurants	KB89	-0.3	-	-0.1	0.2	0.1	-0.2	-0.5	0.1
Transport storage and communications	KB8A	-0.5	-0.2	0.2	0.2	0.2	0.8	0.3	0.5
Business services and finance	KB8B	-0.1	-0.2	-0.2	0.1	0.2	0.2	0.1	0.4
Government and other services	KB8C	0.5	-0.1	1.9	-0.8	-0.2	-0.6	-0.6	0.5
Total services	KB8D	-	-0.1	0.3	-0.1	0.1	-	-0.1	0.3
Total GVA	KB8E	0.1	-	-	-	-	-0.1	-0.1	0.3
Total GVA excluding Oil	KB8F	0.1	0.1	-0.1	-	-	-0.1	-	0.3
<b>Percentage changes in volume of GDP</b>									
<b>expenditure components (Table C2)</b>									
National expenditure on goods and services									
at market prices quarter on quarter growth									
Households	KB8G	-0.1	-	-	-	0.5	-0.3	-0.3	-0.7
Non-profit institutions serving households	KB8H	-1.4	-4.5	5.5	-	-2.8	2.7	1.3	0.7
General government	KB8I	-0.6	-0.4	0.6	0.3	-0.7	0.8	-0.6	-0.4
Gross fixed capital formation	KB8J	-0.2	-	0.4	-0.1	0.8	-0.4	0.6	-1.1
Total	KB8K	-0.3	-	0.3	0.2	-0.3	0.1	0.1	0.3
Total exports	KB8L	0.9	0.1	0.3	-0.3	-0.9	0.2	0.6	2.0
Total imports	KB8M	-0.5	-	1.3	0.8	-1.4	0.6	1.0	1.8

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

## 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 <sup>3, 4</sup>	Total Services	Distrib- ution, hotels & restaurants	Transport storage and commu- nications	Business services and finance	Govern- ment and other services
<b>Percentage change, latest year on previous year</b>												
<b>Growth</b>												
2019	L3BB 15.9	L3BG 3.6	L3BH 1.3	L3BN 3.1	L3DM 12.9	L3DQ -0.5	L3DW -0.1	L3E2 1.6	L3GP 0.6	KI8L 5.4	KI8N 0.2	KI8P 2.6
2020	-9.8	-8.4	-19.4	-8.9	-2.2	-1.8	-16.1	-8.7	-15.3	-10.0	-5.4	-9.4
2021	4.0	5.1	-11.3	7.2	1.0	6.0	12.9	7.5	12.4	6.9	3.5	11.6
<b>Contributions to growth</b>												
2019	ZZ3V 0.10	ZZ3W 0.49	ZZ3Y 0.02	ZZ3X 0.31	ZZ3Z 0.17	ZZ42 -0.01	ZZ43 -0.01	ZZ44 1.24	ZZ45 0.08	ZZ46 0.54	ZZ47 0.06	ZZ48 0.55
2020	-0.07	-1.15	-0.21	-0.89	-0.03	-0.02	-1.03	-6.92	-2.05	-1.01	-1.63	-2.07
2021	0.03	0.66	-0.08	0.68	0.02	0.07	0.73	5.94	1.46	0.67	1.34	2.70
<b>Percentage change, latest quarter on previous quarter</b>												
<b>Growth</b>												
2019 Q3	L3BB 11.5	L3BG -0.1	L3BH -2.9	L3BN 0.2	L3DM -0.9	L3DQ -0.7	L3DW -3.6	L3E2 0.7	L3GP -	KI8L 0.4	KI8N 0.9	KI8P 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	-7.4	-2.5	-3.6	-2.2	-5.2	0.6	-1.9	-2.7	-5.0	-3.1	-1.0	-3.8
Q2	-15.1	-17.7	-2.5	-22.0	-7.9	-5.8	-35.6	-18.3	-34.1	-16.1	-9.8	-23.3
Q3	4.0	17.1	-3.6	22.5	10.4	5.4	41.6	16.7	50.6	10.1	4.7	25.3
Q4	-1.2	2.6	-2.6	4.1	-2.3	1.1	5.1	1.0	-7.0	2.7	2.1	3.5
2021 Q1	2.8	-0.3	-3.3	-0.9	2.9	2.4	1.0	-1.6	-7.7	-0.3	1.1	-3.1
Q2	2.7	0.7	-17.8	1.8	3.3	0.4	4.0	6.5	21.7	3.7	0.4	9.5
Q3	4.6	0.3	26.0	-	-8.6	0.9	-1.5	1.2	3.2	2.3	0.8	0.1
Q4	0.5	-0.2	-5.3	0.4	-3.8	2.7	1.0	1.5	-1.2	3.6	1.8	2.0
<b>Contributions to growth</b>												
2019 Q3	ZZ2F 0.08	ZZ2G -0.02	ZZ2I -0.03	ZZ2H 0.02	ZZ2J -0.01	ZZ2K -0.01	ZZ2L -0.23	ZZ2M 0.51	ZZ2N -	ZZ2O 0.04	ZZ2P 0.30	ZZ2Q 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	-0.05	-0.33	-0.03	-0.22	-0.08	0.01	-0.12	-2.15	-0.67	-0.30	-0.34	-0.85
Q2	-0.11	-2.40	-0.02	-2.19	-0.12	-0.07	-2.23	-14.50	-4.44	-1.62	-3.01	-5.10
Q3	0.03	2.38	-0.04	2.16	0.18	0.08	2.08	13.45	5.36	1.05	1.71	5.25
Q4	-0.01	0.36	-0.02	0.41	-0.04	0.01	0.31	0.82	-0.94	0.27	0.72	0.77
2021 Q1	0.02	-0.04	-0.02	-0.09	0.04	0.03	0.06	-1.29	-0.92	-0.02	0.36	-0.76
Q2	0.02	0.09	-0.11	0.18	0.05	-	0.24	5.08	2.40	0.35	0.22	2.28
Q3	0.03	0.04	0.12	-	-0.13	0.01	-0.09	0.95	0.41	0.23	0.32	0.02
Q4	-	-0.02	-0.03	0.04	-0.05	0.03	0.06	1.22	-0.14	0.35	0.59	0.50
<b>Percentage change, latest quarter on corresponding quarter of previous year</b>												
<b>Growth</b>												
2019 Q3	L3ZZ 18.4	L426 1.3	L427 -18.8	L42D 2.2	L44C 12.9	L44G -1.0	L44M -1.3	L44Q 1.8	L47F 0.6	KII2 4.6	KIH9 0.7	KIH8 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	10.2	-4.4	-30.6	-3.0	5.5	0.2	-4.8	-1.7	-5.2	-2.2	-0.4	-1.4
Q2	-10.5	-19.8	-15.6	-23.5	-9.2	-7.0	-40.3	-19.9	-37.6	-18.8	-10.1	-25.0
Q3	-16.5	-6.0	-16.2	-6.5	1.1	-1.3	-12.2	-7.1	-6.1	-11.0	-6.7	-6.8
Q4	-19.3	-3.4	-11.7	-2.8	-5.8	1.0	-6.0	-6.3	-12.4	-8.0	-4.6	-4.4
2021 Q1	-10.4	-1.3	-11.5	-1.5	2.3	2.9	-3.2	-5.2	-14.9	-5.4	-2.5	-3.7
Q2	8.4	20.6	-25.3	28.7	14.7	9.6	56.3	23.5	57.3	16.8	8.5	37.6
Q3	9.1	3.3	-2.4	5.0	-5.0	5.0	8.7	7.1	7.8	8.6	4.5	9.9
Q4	11.0	0.5	-5.1	1.3	-6.6	6.6	4.5	7.7	14.6	9.5	4.1	8.4
<b>Contributions to growth</b>												
2019 Q3	ZZ36 0.12	ZZ37 0.18	ZZ39 -0.26	ZZ38 0.22	ZZ3A 0.17	ZZ3B -0.01	ZZ3C -0.08	ZZ3D 1.40	ZZ3E 0.07	ZZ3F 0.47	ZZ3G 0.25	ZZ3H 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	-	-0.31	-1.31	-0.70	-0.21	-0.19	-0.32
Q2	-0.07	-2.71	-0.16	-2.33	-0.14	-0.09	-2.66	-15.75	-5.04	-1.90	-3.07	-5.47
Q3	-0.12	-0.81	-0.16	-0.64	0.02	-0.02	-0.78	-5.65	-0.81	-1.11	-2.00	-1.50
Q4	-0.14	-0.47	-0.11	-0.28	-0.09	0.01	-0.37	-4.97	-1.66	-0.81	-1.25	-0.99
2021 Q1	-0.07	-0.17	-0.07	-0.14	0.03	0.03	-0.19	-4.09	-1.84	-0.52	-0.56	-0.89
Q2	0.06	2.66	-0.20	2.60	0.24	0.13	2.70	18.69	5.77	1.69	3.15	8.37
Q3	0.06	0.43	-0.02	0.47	-0.08	0.06	0.50	5.60	1.02	0.82	1.61	2.36
Q4	0.06	0.06	-0.03	0.13	-0.10	0.08	0.27	6.01	1.73	0.92	1.52	2.04

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

4 Please note, as part of Blue Book 2021 double-deflated industry-level GVA was introduced for the first time. As a result, volume estimates in the monthly GDP and construction outputs releases will differ from 1997 to 2019 because the construction publication measures the volume of construction work (output), while the GDP series measures GVA (that is, output minus intermediate consumption). Construction GVA estimates from January 2020 will be informed by the construction output release but may not exactly align.



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

## Chained Volume Measures

Seasonally adjusted data

Reference year 2019

	Final consumption expenditure								Net trade
	Households	Non-profit institutions <sup>3, 5</sup>	General government	Gross capital formation	Gross fixed capital formation	Business investment <sup>4</sup>	Total exports	less Total imports	
<b>Percentage change, latest year on previous year</b>									
<b>Growth</b>									
	KGZ5	KH26	KH2I	ZZ6H	KG7N	KG7M	KH2U	KH3N	
2019	1.2	2.1	4.2	-0.1	0.5	0.9	3.4	2.9	
2020	-10.5	-12.8	-5.9	-12.7	-9.5	-11.5	-13.0	-15.8	
2021	6.2	6.4	14.3	10.5	5.9	0.8	-1.3	3.8	
<b>Contributions to growth</b>									
	ZZ6M	ZZ6N	ZZ6O	ZZ6P	ZZ6Q	ZZ6R	ZZ6S	ZZ6T	ZZ6U
2019	0.77	0.05	0.77	-0.01	0.10	0.09	1.02	0.93	0.09
2020	-6.47	-0.31	-1.11	-2.27	-1.68	-1.15	-4.02	-5.03	1.02
2021	3.61	0.16	3.19	1.76	1.01	0.08	-0.36	1.08	-1.44
<b>Percentage change, latest quarter on previous quarter</b>									
<b>Growth</b>									
	KGZ6	KH27	KH2J	ZZ5H	KG7Q	KG7P	KH2V	KH3O	
2019 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	-2.8	-5.5	-2.7	12.0	-2.7	-2.9	-12.7	-6.6	
Q2	-20.0	-23.2	-18.3	-32.4	-18.4	-18.7	-11.3	-22.0	
Q3	19.6	23.6	18.7	36.4	16.5	9.0	1.0	16.1	
Q4	-1.6	4.0	4.0	22.1	3.6	5.0	6.6	14.8	
2021 Q1	-3.4	-7.4	1.0	-4.6	-0.9	-7.3	-7.9	-12.4	
Q2	8.5	7.4	8.5	-10.3	1.7	7.1	7.2	4.9	
Q3	2.6	4.5	-0.6	11.1	0.4	0.7	-4.1	4.6	
Q4	0.5	-0.7	1.5	-5.9	1.1	1.0	6.9	0.3	
<b>Contributions to growth</b>									
	ZZ5M	ZZ5N	ZZ5O	ZZ5P	ZZ5Q	ZZ5R	ZZ5S	ZZ5T	ZZ5U
2019 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	-1.70	-0.13	-0.51	1.79	-0.46	-0.29	-4.19	-2.04	-2.15
Q2	-12.24	-0.54	-3.49	-5.55	-3.22	-1.87	-3.35	-6.52	3.17
Q3	11.92	0.52	3.61	5.24	2.92	0.91	0.31	4.61	-4.30
Q4	-1.01	0.09	0.79	3.68	0.64	0.47	1.84	4.19	-2.36
2021 Q1	-1.94	-0.19	0.24	-0.90	-0.16	-0.68	-2.21	-3.75	1.54
Q2	4.78	0.18	1.99	-1.94	0.30	0.62	1.87	1.32	0.55
Q3	1.50	0.11	-0.15	1.78	0.07	0.07	-1.09	1.22	-2.31
Q4	0.30	-0.02	0.35	-1.03	0.18	0.09	1.74	0.09	1.65
<b>Percentage change, latest quarter on corresponding quarter of previous year</b>									
<b>Growth</b>									
	KGZ7	KH28	KH2K	ZZ5Y	KG7T	KG7S	KH2W	KH3P	
2019 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	-2.9	-5.2	-0.5	-20.9	-4.5	-1.9	-4.1	-16.1	
Q2	-22.9	-28.4	-18.4	-37.1	-20.8	-20.3	-13.5	-27.6	
Q3	-7.5	-10.9	-3.2	-10.8	-8.8	-14.2	-17.0	-16.4	
Q4	-8.5	-6.7	-1.8	26.1	-4.1	-9.6	-16.7	-2.9	
2021 Q1	-9.0	-8.5	2.0	7.4	-2.4	-13.7	-12.1	-8.9	
Q2	23.3	27.9	35.4	42.6	21.6	13.7	6.2	22.6	
Q3	5.8	8.1	13.4	16.1	4.9	5.1	0.8	10.4	
Q4	8.1	3.2	10.5	-10.5	2.3	1.0	1.2	-3.6	
<b>Contributions to growth</b>									
	ZZ65	ZZ66	ZZ67	ZZ68	ZZ69	ZZ6A	ZZ6B	ZZ6C	ZZ6D
2019 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	-1.78	-0.12	-0.09	-4.45	-0.80	-0.19	-1.25	-5.56	4.31
Q2	-14.27	-0.70	-3.43	-6.70	-3.66	-2.03	-4.01	-8.59	4.58
Q3	-4.66	-0.26	-0.59	-1.86	-1.56	-1.42	-5.28	-5.10	-0.18
Q4	-5.19	-0.16	-0.34	3.90	-0.72	-0.96	-5.52	-0.90	-4.61
2021 Q1	-5.30	-0.21	0.43	1.24	-0.41	-1.32	-3.43	-2.50	-0.92
Q2	13.60	0.66	7.80	5.95	3.71	1.34	1.91	6.11	-4.19
Q3	3.44	0.20	2.97	2.61	0.82	0.46	0.22	2.77	-2.55
Q4	4.66	0.08	2.41	-2.05	0.39	0.10	0.33	-1.09	1.41

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 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.

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

## Current Prices

Seasonally adjusted data

	Compen- sation of employees	Gross operating surplus of corporations <sup>3</sup>	Other income <sup>4</sup>	Taxes on products & production less subsidies
<b>Percentage change, latest year on previous year</b>				
<b>Growth</b>				
	KGI3	KH4V	KH6T	KH65
2019	4.8	3.3	2.4	2.4
2020	2.9	-0.8	-1.7	-50.1
2021	5.9	5.2	2.6	55.2
<b>Contributions to growth</b>				
	ZZ7H	ZZ7I	ZZ7J	ZZ7K
2019	2.28	0.72	0.43	0.28
2020	1.44	-0.18	-0.31	-5.94
2021	3.11	1.19	0.48	3.42
<b>Percentage change, latest quarter on previous quarter</b>				
<b>Growth</b>				
	KGI4	KH4W	KH6U	KH66
2019 Q3	1.1	5.5	-0.9	-2.6
Q4	0.6	-1.5	0.8	-1.3
2020 Q1	0.9	-2.9	-0.9	-4.8
Q2	-2.8	-3.2	-2.4	-104.6
Q3	4.0	7.8	2.0	-1 308.4
Q4	2.7	-0.3	-0.8	12.2
2021 Q1	0.1	2.4	1.5	-7.7
Q2	1.9	0.2	1.3	37.3
Q3	1.4	-3.5	-	19.4
Q4	1.1	6.7	1.2	7.8
<b>Contributions to growth</b>				
	ZZ6Z	ZZ72	ZZ73	ZZ74
2019 Q3	0.51	1.14	-0.15	-0.30
Q4	0.51	-0.61	0.26	-0.26
2020 Q1	0.46	-0.63	-0.16	-0.57
Q2	-1.39	-0.70	-0.42	-11.64
Q3	2.24	1.87	0.39	7.58
Q4	1.43	-0.07	-0.14	0.77
2021 Q1	0.04	0.53	0.26	-0.52
Q2	1.03	0.05	0.24	2.41
Q3	0.72	-0.80	-	1.68
Q4	0.55	1.46	0.21	0.79
<b>Percentage change, latest quarter on corresponding quarter of previous year</b>				
<b>Growth</b>				
	KGI5	KH4X	KH6V	KH67
2019 Q3	4.9	4.9	1.4	2.4
Q4	3.5	5.6	0.7	1.0
2020 Q1	4.4	-1.8	-0.9	-4.2
Q2	-0.2	-2.3	-3.3	-104.2
Q3	2.7	-0.2	-0.5	-48.3
Q4	4.9	1.1	-2.1	-41.2
2021 Q1	4.0	6.5	0.3	-43.0
Q2	9.0	10.3	4.1	-1 818.8
Q3	6.2	-1.3	2.1	69.8
Q4	4.5	5.7	4.1	63.1
<b>Contributions to growth</b>				
	ZZ79	ZZ7A	ZZ7B	ZZ7C
2019 Q3	2.38	1.08	0.25	0.28
Q4	1.68	1.18	0.12	0.12
2020 Q1	1.98	-0.38	-0.15	-0.46
Q2	-0.10	-0.49	-0.59	-12.65
Q3	1.32	-0.04	-0.09	-5.67
Q4	2.37	0.23	-0.37	-4.75
2021 Q1	1.92	1.36	0.05	-4.63
Q2	5.03	2.47	0.81	10.58
Q3	3.25	-0.30	0.38	4.41
Q4	2.36	1.29	0.72	4.37

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

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

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

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

# AD Annex D - Implied GDP deflator growths- Expenditure components of GDP<sup>1</sup>

Seasonally adjusted data

Reference year 2019

	Final consumption expenditure						Total exports	less Total imports
	Households	Non-profit institutions <sup>2</sup>	General government	Gross capital formation	Gross fixed capital formation			
<b>Percentage change, latest year on previous year</b>								
	ZZ93	ZZ94	ZZ95	ZZ96	ZZ97	ZZ98	ZZ99	
2019	1.3	1.8	2.0	3.0	2.8	2.0	1.1	
2020	0.7	11.4	19.8	2.2	1.7	0.2	-0.5	
2021	2.6	-1.1	-6.4	1.6	1.6	3.9	4.4	
<b>Percentage change, latest quarter on previous quarter</b>								
	ZZ8N	ZZ8O	ZZ8P	ZZ8Q	ZZ8R	ZZ8S	ZZ8T	
2019 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	0.5	5.5	1.3	1.7	1.0	0.8	-0.8	
Q2	-0.4	16.5	38.6	5.9	-0.3	-1.6	-	
Q3	0.5	-14.5	-15.7	-8.1	0.6	1.0	0.4	
Q4	-	-0.7	-1.7	3.8	0.3	1.0	1.6	
2021 Q1	0.6	7.0	2.5	1.2	0.8	0.8	1.0	
Q2	1.0	-4.0	-10.5	-0.6	-0.3	1.1	0.5	
Q3	1.3	-2.3	1.3	-0.6	0.8	0.7	1.5	
Q4	1.4	2.0	0.4	3.6	0.7	3.9	3.5	
<b>Percentage change, latest quarter on corresponding quarter of previous year</b>								
	ZZ8U	ZZ8V	ZZ8W	ZZ8X	ZZ8Y	ZZ8Z	ZZ92	
2019 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	1.1	9.4	4.7	3.4	2.6	1.5	0.1	
Q2	0.3	28.1	44.9	6.2	1.2	-1.1	-1.4	
Q3	0.6	7.2	17.7	-2.4	1.4	-0.8	-2.1	
Q4	0.6	4.2	16.3	2.8	1.6	1.2	1.3	
2021 Q1	0.7	5.8	17.7	2.3	1.4	1.2	3.0	
Q2	2.2	-12.8	-24.0	-4.1	1.4	4.0	3.5	
Q3	2.9	-0.4	-8.7	3.8	1.6	3.6	4.6	
Q4	4.4	2.4	-6.7	3.6	2.0	6.6	6.6	

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<sup>1,2</sup>, 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
<b>Percentage change, latest year on previous year</b>												
<b>Current estimates<sup>3</sup></b>												
	L3BB	L3BG	L3BH	L3BN	L3DM	L3DQ	L3DW	L3E2	L3GP	KI8L	KI8N	KI8P
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	-9.8	-8.4	-19.4	-8.9	-2.2	-1.8	-16.1	-8.7	-15.3	-10.0	-5.4	-9.4
2021	4.0	5.1	-11.3	7.2	1.0	6.0	12.9	7.5	12.4	6.9	3.5	11.6
<b>Previous estimates<sup>2</sup></b>												
	A2EQ	A2ER	A2ET	A2ES	A2EU	A2EV	A2EW	A2EY	A2F2	A2F3	A2F4	A2F5
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
2021	-0.4	4.7	-13.4	6.8	1.8	5.2	12.7	7.4	12.4	5.7	3.1	12.2
<b>Revisions</b>												
	ZZ52	ZZ53	ZZ55	ZZ54	ZZ56	ZZ57	ZZ58	ZZ59	ZZ5A	ZZ5B	ZZ5C	ZZ5D
2019	-	-	-	-	-	-	-	-	-	-	-	-
2020	-0.8	-	-0.4	0.1	0.1	-0.1	-	0.1	-0.2	-0.5	-0.2	0.9
2021	4.4	0.4	2.1	0.4	-0.8	0.8	0.2	0.1	-	1.2	0.4	-0.6
<b>Percentage change, latest quarter on previous quarter</b>												
<b>Current estimates<sup>3</sup></b>												
	L3BB	L3BG	L3BH	L3BN	L3DM	L3DQ	L3DW	L3E2	L3GP	KI8L	KI8N	KI8P
2019 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	-7.4	-2.5	-3.6	-2.2	-5.2	0.6	-1.9	-2.7	-5.0	-3.1	-1.0	-3.8
Q2	-15.1	-17.7	-2.5	-22.0	-7.9	-5.8	-35.6	-18.3	-34.1	-16.1	-9.8	-23.3
Q3	4.0	17.1	-3.6	22.5	10.4	5.4	41.6	16.7	50.6	10.1	4.7	25.3
Q4	-1.2	2.6	-2.6	4.1	-2.3	1.1	5.1	1.0	-7.0	2.7	2.1	3.5
2021 Q1	2.8	-0.3	-3.3	-0.9	2.9	2.4	1.0	-1.6	-7.7	-0.3	1.1	-3.1
Q2	2.7	0.7	-17.8	1.8	3.3	0.4	4.0	6.5	21.7	3.7	0.4	9.5
Q3	4.6	0.3	26.0	-	-8.6	0.9	-1.5	1.2	3.2	2.3	0.8	0.1
Q4	0.5	-0.2	-5.3	0.4	-3.8	2.7	1.0	1.5	-1.2	3.6	1.8	2.0
<b>Previous estimates<sup>2</sup></b>												
	A2CX	A2CY	A2DO	A2DL	A2DR	A2DS	A2DT	A2DU	A2DV	A2DW	A2DX	A2DY
2019 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	-2.3	-0.3	-5.8	-0.6	2.8	1.3	1.6	-1.7	-7.8	-0.5	0.9	-2.9
Q2	2.7	0.8	-17.9	2.0	3.0	0.9	3.4	6.5	21.9	2.9	0.2	10.1
Q3	0.3	0.1	27.1	-0.7	-7.5	1.9	-1.4	1.3	3.7	2.0	0.7	0.7
Q4	-0.3	-0.4	-4.5	-	-3.2	1.8	1.0	1.2	-1.3	3.1	1.4	1.5
<b>Revisions</b>												
	ZZ4A	ZZ4B	ZZ4D	ZZ4C	ZZ4E	ZZ4F	ZZ4G	ZZ4H	ZZ4I	ZZ4J	ZZ4K	ZZ4L
2019 Q3	-	-	-	-	-	-	-	-	-	-	-	-
Q4	-	-	-	-	-	-	-	-	-	-	-	-
2020 Q1	0.3	-0.1	0.1	-	-0.1	-	-0.3	-	-0.3	-0.5	-0.1	0.5
Q2	0.8	-0.4	-1.5	-0.3	0.6	-0.5	0.1	-0.1	-	-0.2	-0.2	-0.1
Q3	-2.1	0.6	0.7	0.8	-0.6	0.5	0.2	0.3	-0.1	0.2	-0.2	1.9
Q4	-3.1	0.2	0.6	0.3	-0.5	0.2	0.3	-0.1	0.2	0.2	0.1	-0.8
2021 Q1	5.1	-	2.5	-0.3	0.1	1.1	-0.6	0.1	0.1	0.2	0.2	-0.2
Q2	-	-0.1	0.1	-0.2	0.3	-0.5	0.6	-	-0.2	0.8	0.2	-0.6
Q3	4.3	0.2	-1.1	0.7	-1.1	-1.0	-0.1	-0.1	-0.5	0.3	0.1	-0.6
Q4	0.8	0.2	-0.8	0.4	-0.6	0.9	-	0.3	0.1	0.5	0.4	0.5

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<sup>1,2</sup>, 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	Const- ruction	Total Services	Distri- bution, hotels & restaurants	Transport, storage and commu- nications	Business services and finance	Govern- ment & other services
<b>Percentage growths, latest quarter on corresponding quarter of previous year</b>												
<b>Current estimates<sup>3</sup></b>												
	L3ZZ	L426	L427	L42D	L44C	L44G	L44M	L44Q	L47F	KII2	KIH9	KIH8
2019 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	10.2	-4.4	-30.6	-3.0	5.5	0.2	-4.8	-1.7	-5.2	-2.2	-0.4	-1.4
Q2	-10.5	-19.8	-15.6	-23.5	-9.2	-7.0	-40.3	-19.9	-37.6	-18.8	-10.1	-25.0
Q3	-16.5	-6.0	-16.2	-6.5	1.1	-1.3	-12.2	-7.1	-6.1	-11.0	-6.7	-6.8
Q4	-19.3	-3.4	-11.7	-2.8	-5.8	1.0	-6.0	-6.3	-12.4	-8.0	-4.6	-4.4
2021 Q1	-10.4	-1.3	-11.5	-1.5	2.3	2.9	-3.2	-5.2	-14.9	-5.4	-2.5	-3.7
Q2	8.4	20.6	-25.3	28.7	14.7	9.6	56.3	23.5	57.3	16.8	8.5	37.6
Q3	9.1	3.3	-2.4	5.0	-5.0	5.0	8.7	7.1	7.8	8.6	4.5	9.9
Q4	11.0	0.5	-5.1	1.3	-6.6	6.6	4.5	7.7	14.6	9.5	4.1	8.4
<b>Previous estimates<sup>2</sup></b>												
	A2DZ	A2E2	A2E4	A2E3	A2E5	A2EE	A2EK	A2EL	A2EM	A2EN	A2EO	A2EP
2019 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	-11.2	-1.6	-13.6	-1.6	2.5	1.6	-3.2	-5.4	-15.1	-5.6	-2.5	-4.1
Q2	8.5	19.9	-28.3	28.1	15.3	8.2	55.6	23.1	57.1	15.4	8.2	37.4
Q3	2.6	3.0	-4.8	4.6	-3.9	5.2	8.6	7.2	8.1	7.1	3.9	12.1
Q4	0.4	0.1	-6.0	0.7	-5.2	6.1	4.6	7.4	14.9	7.7	3.3	9.1
<b>Revisions</b>												
	ZZ4N	ZZ4O	ZZ4Q	ZZ4P	ZZ4R	ZZ4S	ZZ4T	ZZ4U	ZZ4V	ZZ4W	ZZ4X	ZZ4Y
2019 Q3	-	-	-	-	-	-	-	-	-	-	-	-
Q4	-	-	-	-	-	-	-	-	-	-	-	-
2020 Q1	0.3	-0.1	0.1	-	-0.2	-	-0.2	-	-0.3	-0.5	-0.1	0.5
Q2	1.1	-0.3	-1.2	-0.4	0.5	-0.5	-0.1	-	-0.1	-0.6	-0.3	0.3
Q3	-0.7	0.1	-0.6	0.2	-	-0.1	0.1	0.2	-0.3	-0.6	-0.4	1.7
Q4	-3.3	0.3	-	0.4	-0.4	0.1	0.3	0.1	-0.2	-0.4	-0.3	1.1
2021 Q1	0.8	0.3	2.1	0.1	-0.2	1.3	-	0.2	0.2	0.2	-	0.4
Q2	-0.1	0.7	3.0	0.6	-0.6	1.4	0.7	0.4	0.2	1.4	0.3	0.2
Q3	6.5	0.3	2.4	0.4	-1.1	-0.2	0.1	-0.1	-0.3	1.5	0.6	-2.2
Q4	10.6	0.4	0.9	0.6	-1.4	0.5	-0.1	0.3	-0.3	1.8	0.8	-0.7

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<sup>1,2</sup>, Chained Volume Measures

Seasonally adjusted data

Reference year 2019

	Final consumption expenditure							
	Households	Non-profit institutions <sup>3, 6</sup>	General government	Gross Capital Formation	Gross Fixed Capital Formation	Business investment <sup>5</sup>	Total exports	less Total imports
<b>Percentage change, latest year on previous year</b>								
<b>Current estimates<sup>4</sup></b>								
	KGZ5	KH26	KH2I	ZZ6H	KG7N	KG7M	KH2U	KH3N
2019	1.2	2.1	4.2	-0.1	0.5	0.9	3.4	2.9
2020	-10.5	-12.8	-5.9	-12.7	-9.5	-11.5	-13.0	-15.8
2021	6.2	6.4	14.3	10.5	5.9	0.8	-1.3	3.8
<b>Previous estimates<sup>2</sup></b>								
	A275	A276	A289	A28J	A28L	A29D	A29F	A2CK
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
2021	6.1	5.9	14.5	10.0	5.3	-0.7	-1.1	3.0
<b>Revisions</b>								
	ZZ83	ZZ84	ZZ85	ZZ86	ZZ87	ZZ88	ZZ89	ZZ8A
2019	-	-	-	-	-	-	-	-
2020	-	-2.9	-0.5	-	-0.1	-0.1	0.9	0.1
2021	0.1	0.5	-0.2	0.5	0.6	1.5	-0.2	0.8
<b>Percentage change, latest quarter on previous quarter</b>								
<b>Current estimates<sup>4</sup></b>								
	KGZ6	KH27	KH2J	ZZ5H	KG7Q	KG7P	KH2V	KH3O
2019 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	-2.8	-5.5	-2.7	12.0	-2.7	-2.9	-12.7	-6.6
Q2	-20.0	-23.2	-18.3	-32.4	-18.4	-18.7	-11.3	-22.0
Q3	19.6	23.6	18.7	36.4	16.5	9.0	1.0	16.1
Q4	-1.6	4.0	4.0	22.1	3.6	5.0	6.6	14.8
2021 Q1	-3.4	-7.4	1.0	-4.6	-0.9	-7.3	-7.9	-12.4
Q2	8.5	7.4	8.5	-10.3	1.7	7.1	7.2	4.9
Q3	2.6	4.5	-0.6	11.1	0.4	0.7	-4.1	4.6
Q4	0.5	-0.7	1.5	-5.9	1.1	1.0	6.9	0.3
<b>Previous estimates<sup>2</sup></b>								
	A24M	A24X	A24Y	A25I	A25J	A25M	A264	A268
2019 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	-3.9	-4.6	1.7	-2.4	-1.7	-8.6	-7.0	-11.0
Q2	8.8	4.7	7.7	-10.0	2.1	8.4	7.0	4.3
Q3	2.9	3.2	-	8.9	-0.2	-0.8	-4.7	3.6
Q4	1.2	-1.4	1.9	-10.1	2.2	0.9	4.9	-1.5
<b>Revisions</b>								
	ZZ7L	ZZ7M	ZZ7N	ZZ7O	ZZ7P	ZZ7Q	ZZ7R	ZZ7S
2019 Q3	-	-	-	-	-	-	-	-
Q4	-	-	-	-	-	-	-	-
2020 Q1	-0.1	-1.4	-0.6	-1.3	-0.2	-0.3	0.9	-0.5
Q2	-	-4.5	-0.4	0.8	-	-0.1	0.1	-
Q3	-	5.5	0.6	0.1	0.4	0.4	0.3	1.3
Q4	-	-	0.3	0.8	-0.1	-	-0.3	0.8
2021 Q1	0.5	-2.8	-0.7	-2.2	0.8	1.3	-0.9	-1.4
Q2	-0.3	2.7	0.8	-0.3	-0.4	-1.3	0.2	0.6
Q3	-0.3	1.3	-0.6	2.2	0.6	1.5	0.6	1.0
Q4	-0.7	0.7	-0.4	4.2	-1.1	0.1	2.0	1.8

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 found in the UK Economic Accounts dataset.

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

continued

Seasonally adjusted data

Reference year 2019

	Final consumption expenditure							less Total imports
	Households	Non-profit institutions <sup>3</sup>	General government	Gross capital formation	Gross fixed capital formation	Business investment <sup>5</sup>	Total exports	
<b>Percentage change, latest quarter on corresponding quarter of the previous year</b>								
<b>Current estimates<sup>4</sup></b>								
	KGZ7	KH28	KH2K	ZZ5Y	KG7T	KG7S	KH2W	KH3P
2019 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	-2.9	-5.2	-0.5	-20.9	-4.5	-1.9	-4.1	-16.1
Q2	-22.9	-28.4	-18.4	-37.1	-20.8	-20.3	-13.5	-27.6
Q3	-7.5	-10.9	-3.2	-10.8	-8.8	-14.2	-17.0	-16.4
Q4	-8.5	-6.7	-1.8	26.1	-4.1	-9.6	-16.7	-2.9
2021 Q1	-9.0	-8.5	2.0	7.4	-2.4	-13.7	-12.1	-8.9
Q2	23.3	27.9	35.4	42.6	21.6	13.7	6.2	22.6
Q3	5.8	8.1	13.4	16.1	4.9	5.1	0.8	10.4
Q4	8.1	3.2	10.5	-10.5	2.3	1.0	1.2	-3.6
<b>Previous estimates<sup>2</sup></b>								
	A26C	A26H	A26I	A26J	A26K	A26L	A26M	A26N
2019 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	-9.6	-4.7	2.3	7.7	-3.3	-15.2	-11.2	-9.1
Q2	23.0	22.7	34.2	45.2	20.9	13.0	7.2	21.6
Q3	5.8	7.2	13.6	16.0	3.9	3.2	1.4	9.7
Q4	8.9	1.6	11.6	-14.0	2.3	-0.8	-0.6	-5.3
<b>Revisions</b>								
	ZZ7T	ZZ7U	ZZ7V	ZZ7W	ZZ7X	ZZ7Y	ZZ7Z	ZZ82
2019 Q3	-	-	-	-	-	-	-	-
Q4	-	-	-	-	-	-	-	-
2020 Q1	-0.1	-1.5	-0.5	-0.9	-0.2	-0.3	1.1	-0.5
Q2	-	-5.3	-0.9	0.1	-0.2	-0.3	0.9	-0.5
Q3	0.1	-2.3	-0.6	0.1	0.1	-	1.1	0.4
Q4	-	-2.5	-0.3	1.0	-	-	0.8	1.2
2021 Q1	0.6	-3.8	-0.3	-0.3	0.9	1.5	-0.9	0.2
Q2	0.3	5.2	1.2	-2.6	0.7	0.7	-1.0	1.0
Q3	-	0.9	-0.2	0.1	1.0	1.9	-0.6	0.7
Q4	-0.8	1.6	-1.1	3.5	-	1.8	1.8	1.7

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<sup>1,2</sup>, Current Prices

Seasonally adjusted data

	Compensation of employees	Gross operating surplus of corporations	Other income	Taxes on products & production less subsidies
<b>Percentage change, latest year on previous year</b>				
<b>Current estimates<sup>3</sup></b>				
	KGI3	KH4V	KH6T	KH65
2019	4.8	3.3	2.4	2.4
2020	2.9	-0.8	-1.7	-50.1
2021	5.9	5.2	2.6	55.2
<b>Previous estimates<sup>2</sup></b>				
	A2CT	A2CU	A2CV	A2CW
2019	4.8	3.3	2.4	2.4
2020	2.9	-0.9	-1.8	-49.8
2021	6.0	5.2	2.8	52.0
<b>Revisions</b>				
	ZZ8J	ZZ8K	ZZ8L	ZZ8M
2019	-	-	-	-
2020	-	0.1	0.1	-0.3
2021	-0.1	-	-0.2	3.2
<b>Percentage change, latest quarter on previous quarter</b>				
<b>Current estimates<sup>3</sup></b>				
	KGI4	KH4W	KH6U	KH66
2019 Q3	1.1	5.5	-0.9	-2.6
Q4	0.6	-1.5	0.8	-1.3
2020 Q1	0.9	-2.9	-0.9	-4.8
Q2	-2.8	-3.2	-2.4	-104.6
Q3	4.0	7.8	2.0	-1 308.4
Q4	2.7	-0.3	-0.8	12.2
2021 Q1	0.1	2.4	1.5	-7.7
Q2	1.9	0.2	1.3	37.3
Q3	1.4	-3.5	-	19.4
Q4	1.1	6.7	1.2	7.8
<b>Previous estimates<sup>2</sup></b>				
	A2CL	A2CM	A2CN	A2CO
2019 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	0.1	2.7	1.6	-9.3
Q2	2.2	2.7	1.4	35.5
Q3	1.5	-4.3	0.1	19.7
Q4	0.8	2.2	1.2	4.1
<b>Revisions</b>				
	ZZ8B	ZZ8C	ZZ8D	ZZ8E
2019 Q3	-	-	-	-
Q4	-	-	-	-
2020 Q1	-	-0.6	-	0.6
Q2	-0.2	1.1	-	-0.1
Q3	0.1	-1.0	-	34.4
Q4	0.1	1.0	-	-1.7
2021 Q1	-	-0.3	-0.1	1.6
Q2	-0.3	-2.5	-0.1	1.8
Q3	-0.1	0.8	-0.1	-0.3
Q4	0.3	4.5	-	3.7

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<sup>1,2</sup>, Current Prices

continued Seasonally adjusted data

	Compen- sation of employees	Gross operating surplus of corporations	Other income	Taxes on products & production less subsidies
<b>Percentage change, latest quarter on corresponding quarter of previous year</b>				
<b>Current estimates<sup>3</sup></b>				
	KGI5	KH4X	KH6V	KH67
2019 Q3	4.9	4.9	1.4	2.4
Q4	3.5	5.6	0.7	1.0
2020 Q1	4.4	-1.8	-0.9	-4.2
Q2	-0.2	-2.3	-3.3	-104.2
Q3	2.7	-0.2	-0.5	-48.3
Q4	4.9	1.1	-2.1	-41.2
2021 Q1	4.0	6.5	0.3	-43.0
Q2	9.0	10.3	4.1	-1 818.8
Q3	6.2	-1.3	2.1	69.8
Q4	4.5	5.7	4.1	63.1
<b>Previous estimates<sup>2</sup></b>				
	A2CP	A2CQ	A2CR	A2CS
2019 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	3.9	5.6	0.3	-42.3
Q2	9.1	13.3	4.2	-1 840.6
Q3	6.5	-0.4	2.3	67.6
Q4	4.7	3.2	4.3	53.2
<b>Revisions</b>				
	ZZ8F	ZZ8G	ZZ8H	ZZ8I
2019 Q3	-	-	-	-
Q4	-	-	-	-
2020 Q1	0.1	-0.5	0.1	0.6
Q2	-0.1	0.5	-	-0.1
Q3	-	-0.4	0.1	-0.4
Q4	0.1	0.7	-	-1.3
2021 Q1	0.1	0.9	-	-0.7
Q2	-0.1	-3.0	-0.1	21.8
Q3	-0.3	-0.9	-0.2	2.2
Q4	-0.2	2.5	-0.2	9.9

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

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

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