

Statistical bulletin

GDP quarterly national accounts, UK: April to June 2024

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 grown by 0.5% in Quarter 2 (Apr to June) 2024, revised down from a first estimate increase of 0.6%.
- The quarterly path of real GDP at an aggregate level is largely unchanged from 2023 onwards, however, there have been downward revisions of 0.1 percentage points in Quarter 1 (Jan to Mar) 2023 and Quarter 2 2024.
- Following the preannounced revisions to growth in 2022, GDP for 2023 as a whole is estimated to have increased by 0.3%, revised up from the first estimate increase of 0.1% mainly because of updated data from the income approach to measuring GDP.
- In output terms, services grew by 0.6% in Quarter 2 2024 with widespread growth across the sector; this was partially offset by falls in both the production and construction sectors.
- Real households' disposable income (RHDI) is estimated to have grown by 1.3% in Quarter 2 2024, down from 1.6% in the previous quarter.
- The household saving ratio is estimated at 10.0% in the latest quarter, up from 8.9% in Quarter 1 2024.

2 . Headline GDP figures

UK real gross domestic product (GDP) is estimated to have grown by 0.5% in Quarter 2 (Apr to June) 2024, revised down from a first estimate increase of 0.6% (Figure 1). Compared with the same quarter a year ago, real GDP is estimated to have increased by 0.7% in Quarter 2 2024.

Looking at our more timely [monthly estimates of GDP](#), it was recently estimated that the economy showed no growth in July 2024 as an increase in the services sector was offset by falls in production and construction.

In line with the [National Accounts Revisions Policy](#), this release contains data that are consistent with the UK National Accounts, the Blue Book 2024, which will be released on 31 October 2024. Our [Blue Book 2024: advanced aggregate](#) estimates release showed the preannounced revisions to real GDP quarterly growth up to 2022. Today's release now includes revisions to 2023 onwards as a result of the Blue Book 2024 methodological changes, including improved source data and additional updated data, as would happen in all quarterly national accounts releases. This also includes new Value Added Tax (VAT) turnover data for Quarter 4 (Oct to Dec) 2023 and Quarter 1 (Jan to Mar) 2024.

In addition, we have also [moved the base year from 2019 to 2022](#) to fully reflect the changes in the composition of the economy for the first time following the coronavirus (COVID-19) pandemic.

Based on these new data, we have also reviewed the balancing of the three approaches to measuring GDP from 2023 onwards.

The quarterly path of real GDP at an aggregate level is largely unchanged, however, there have been downward revisions of 0.1 percentage points in Quarter 1 2023 and Quarter 2 2024. There have also been some revisions to individual components for GDP. For more information, see [Section 6: Revisions to GDP](#). An indicative monthly real GDP path consistent with these quarterly figures can be found in our [associated dataset](#).

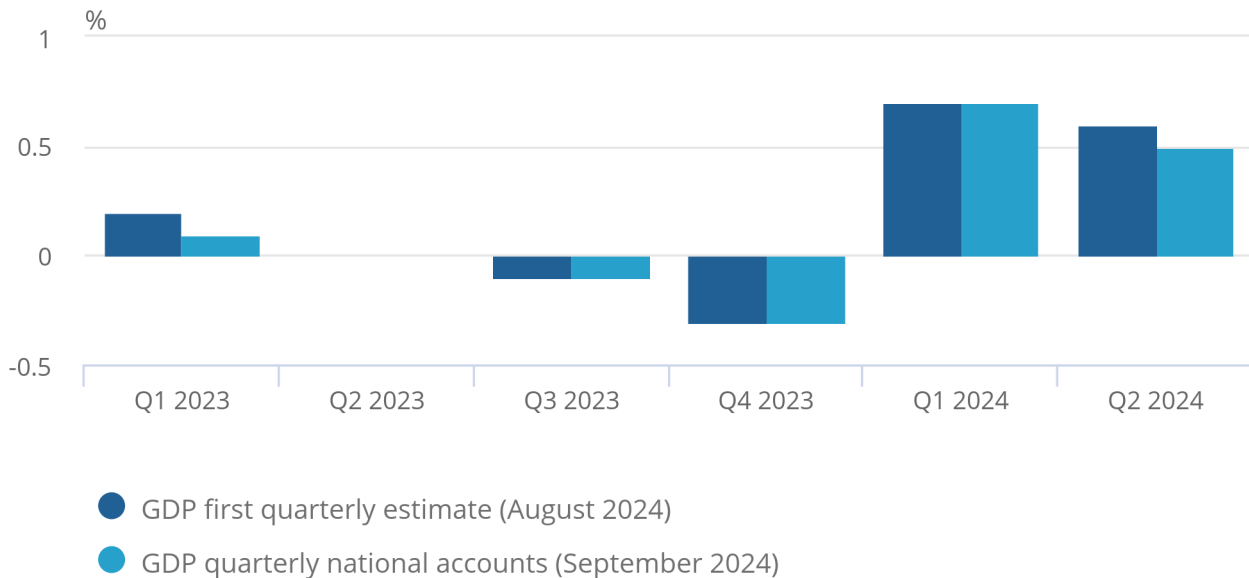
It is also important to note that [early estimates of GDP are subject to revision](#) (positive or negative). For more information please refer to our [GDP revisions in Blue Book: 2023 article](#). In the past, the absolute average revision between the first quarterly GDP estimate and the same quarterly estimate three years later is 0.2 percentage points when more detailed information is available through the comprehensive annual supply and use balancing process. The GDP growth vintages are shown in Table 4.

Figure 1: Real GDP is estimated to have increased by 0.5% in Quarter 2 2024, revised down from the first estimate

UK, Quarter 1 (Jan to Mar) 2023 to Quarter 2 (Apr to June) 2024

Figure 1: Real GDP is estimated to have increased by 0.5% in Quarter 2 2024, revised down from the first estimate

UK, Quarter 1 (Jan to Mar) 2023 to Quarter 2 (Apr to June) 2024



Source: GDP quarterly national accounts from the Office for National Statistics

Notes:

1. Q1 refers to Quarter 1 (Jan to Mar), Q2 refers to Quarter 2 (Apr to June), Q3 refers to Quarter 3 (July to Sept) and Q4 refers to Quarter 4 (Oct to Dec).
2. Chart shows the quarter on previous quarter growth (%).

As well as producing estimates of GDP, the Office for National Statistics (ONS) also produces estimates of GDP per head (or per capita), which divides UK GDP by the total UK population. This is one proxy indicator of welfare, rather than production. We are also exploring [a more holistic view of national progress, prosperity and well-being](#).

As the UK population might not be changing at the same rate as GDP, this means that growth in GDP per head can show a different trend to growth in headline GDP.

Real GDP per head is estimated to have increased by 0.2% in Quarter 2 2024 and is 0.3% lower compared with the same quarter a year ago.

It is important to note that estimates of GDP per head up to 2022 are based on [population estimates](#), whereas data from 2023 to 2024 are based on [interim population projections](#).

Table 1: Headline national accounts indicators for the UK
Percentage growth

	GDP (Chained volume measures)	GDP per head (Chained volume measures) [Note 3]	GDP (Current market prices)	GDP implied deflator
Seasonally adjusted				
2023	0.3	-0.8	7.7	7.3
Q1 2023	0.1	-0.2	2.1	2.0
Q2 2023	0.0	-0.3	1.9	1.9
Q3 2023	-0.1	-0.4	0.8	0.9
Q4 2023	-0.3	-0.6	0.0	0.4
Q1 2024	0.7	0.5	1.4	0.7
Q2 2024	0.5	0.2	1.1	0.6

Source: GDP quarterly national accounts from the Office for National Statistics

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. In line with the National Accounts Revisions Policy, 2022 is consistent with mid-year population estimates as published on 15 July 2024. 2023 is now consistent with 2021-based interim population projections as published on 30 January 2024.

Nominal GDP is estimated to have increased by 1.1% in Quarter 2 2024 (previously estimated as a 0.9% increase), mainly driven by increases in all main components. Compared with the same quarter a year ago, nominal GDP is estimated to have increased by 3.3%.

The implied GDP deflator represents the broadest measure of inflation in the domestic economy, reflecting changes in the price of all goods and services that comprise GDP. It is important to note that the GDP deflator covers the whole of the domestic economy, not just consumer spending, and also reflects the change in the relative price of exports to imports. For more information on the implied GDP deflator, see our [Measuring price changes of the UK national accounts: February 2023 article](#).

The implied price of GDP rose by 0.6% in Quarter 2 2024, revised up from the first estimate increase of 0.3%. The upward revision mainly reflects revisions to the implied price of net trade.

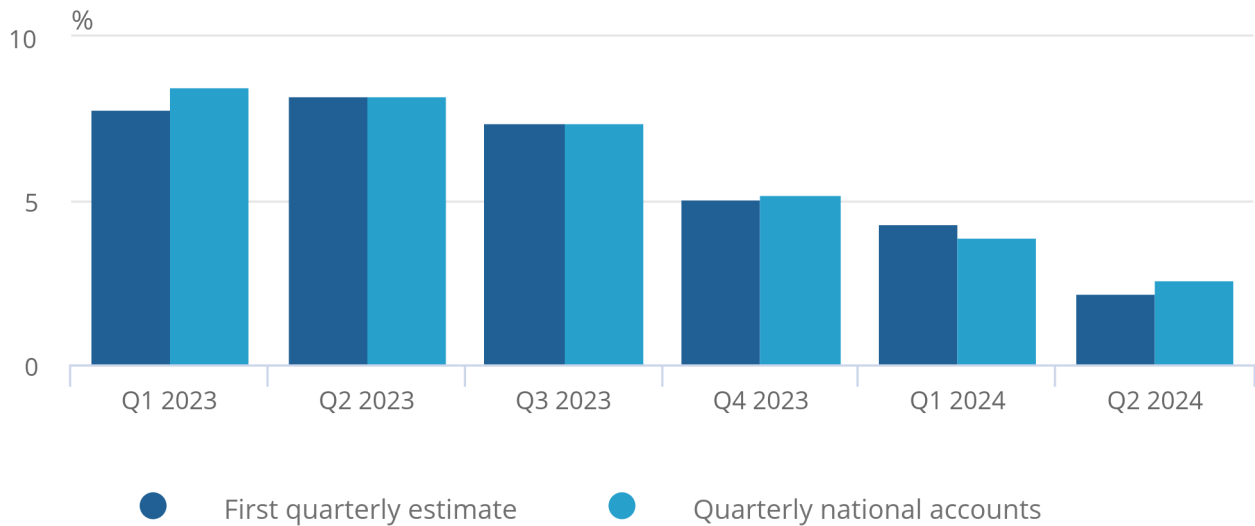
Compared with the same quarter a year ago, the GDP implied deflator further eased to 2.6% in the year to Quarter 2 2024, revised up 0.4 percentage points (Figure 2).

Figure 2: The implied price of GDP increased by a revised 2.6% in Quarter 2 2024 compared with the same quarter a year ago

Quarter-on-quarter a year ago growth in the implied price deflator, UK, Quarter 1 (Jan to Mar) 2023 to Quarter 2 (Apr to June) 2024

Figure 2: The implied price of GDP increased by a revised 2.6% in Quarter 2 2024 compared with the same quarter a year ago

Quarter-on-quarter a year ago growth in the implied price deflator, UK, Quarter 1 (Jan to Mar) 2023 to Quarter 2 (Apr to June) 2024



Source: GDP quarterly national accounts from the Office for National Statistics

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).

The three approaches to measuring GDP

As explained in our [previous GDP quarterly national accounts release](#), UK GDP was previously estimated to have increased by 0.1% in 2023, following growth of 4.3% in 2022. Our [Blue Book 2024: advanced aggregate estimates release](#) showed the preannounced revisions to real GDP quarterly growth up to 2022, where annual GDP in 2022 was now estimated to have increased by 4.8%.

Real annual GDP in 2023 is now estimated to have increased by 0.3%, revised up 0.2 percentage points from the previous estimate (Figure 3). This upward revision mainly reflects stronger data in the income approach to measuring GDP in particular, in compensation of employees and corporations' gross operating surplus.

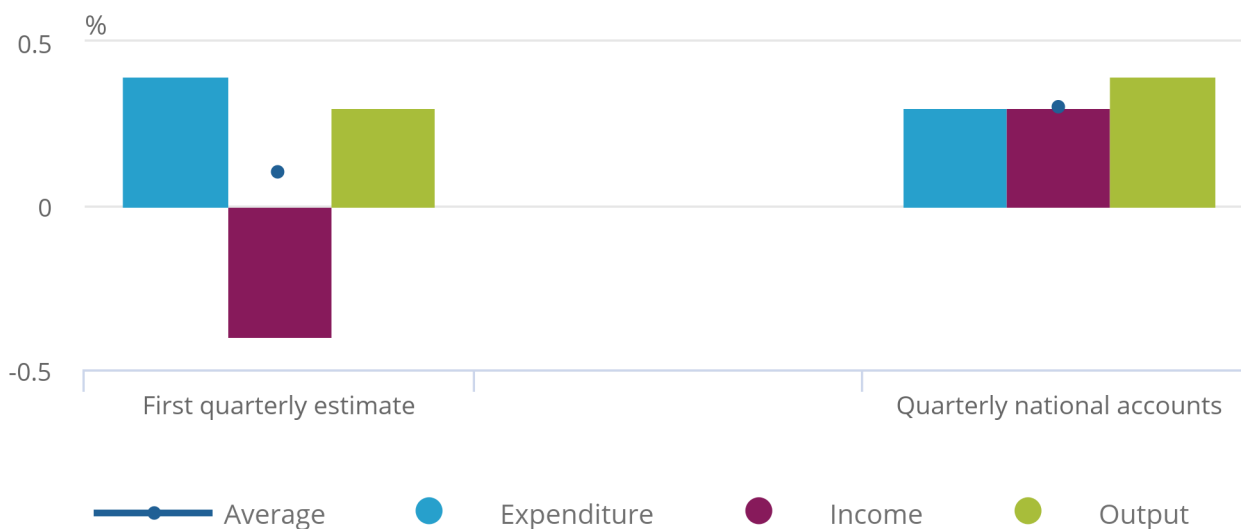
While the three approaches to measuring GDP are now more closely aligned compared with the first estimate, there can still be uncertainty at the component level at this stage in the production cycle for 2023 onwards until these data have been confronted through the supply and use tables framework (SUTs). This uncertainty may be for various reasons and is further discussed in [Section 11: Data sources and quality](#).

Figure 3: Real GDP is estimated to have increased by an average 0.3% in 2023, revised up from the first estimate

Three approaches to measuring GDP and average GDP annual growth, UK, 2023

Figure 3: Real GDP is estimated to have increased by an average 0.3% in 2023, revised up from the first estimate

Three approaches to measuring GDP and average GDP annual growth, UK, 2023



Source: GDP quarterly national accounts from the Office for National Statistics

Notes:

1. Chart shows the annual on previous annual growth (%).

3 . Output

Output is estimated to have grown by 0.5% in Quarter 2 (Apr to June) 2024, revised down from the first estimate increase of 0.6%. This follows two unrevised consecutive quarterly falls of 0.1% in Quarter 3 (July to Sept) and 0.3% in Quarter 4 (Oct to Dec) 2023, and unrevised growth of 0.7% in Quarter 1 (Jan to Mar) 2024.

The growth in the latest quarter was driven by a 0.6% increase in services output while production and construction fell on the quarter. Across Quarter 2, early estimates suggest 13 out of 20 of the services, production and construction subsectors grew, down from 14 the previous quarter.

Services

Services output increased by 0.6% in Quarter 2 2024, revised down from the first estimate increase of 0.8%.

Figure 4 shows widespread growth in the services sector, with 10 out of 14 subsectors increasing in Quarter 2 2024, largely unchanged from the first estimate. The largest contributor to the growth in services output was a 2.9% increase in information and communication. Within this subsector, all six industries grew on the quarter, with the largest contribution from computer programming, consultancy and related activities.

Professional, scientific and technical activities increased by 1.9% and was the second largest positive contributor to the strength in services output. Within this subsector, scientific research and development is estimated to have increased by 11.4%, last higher in Quarter 2 2018.

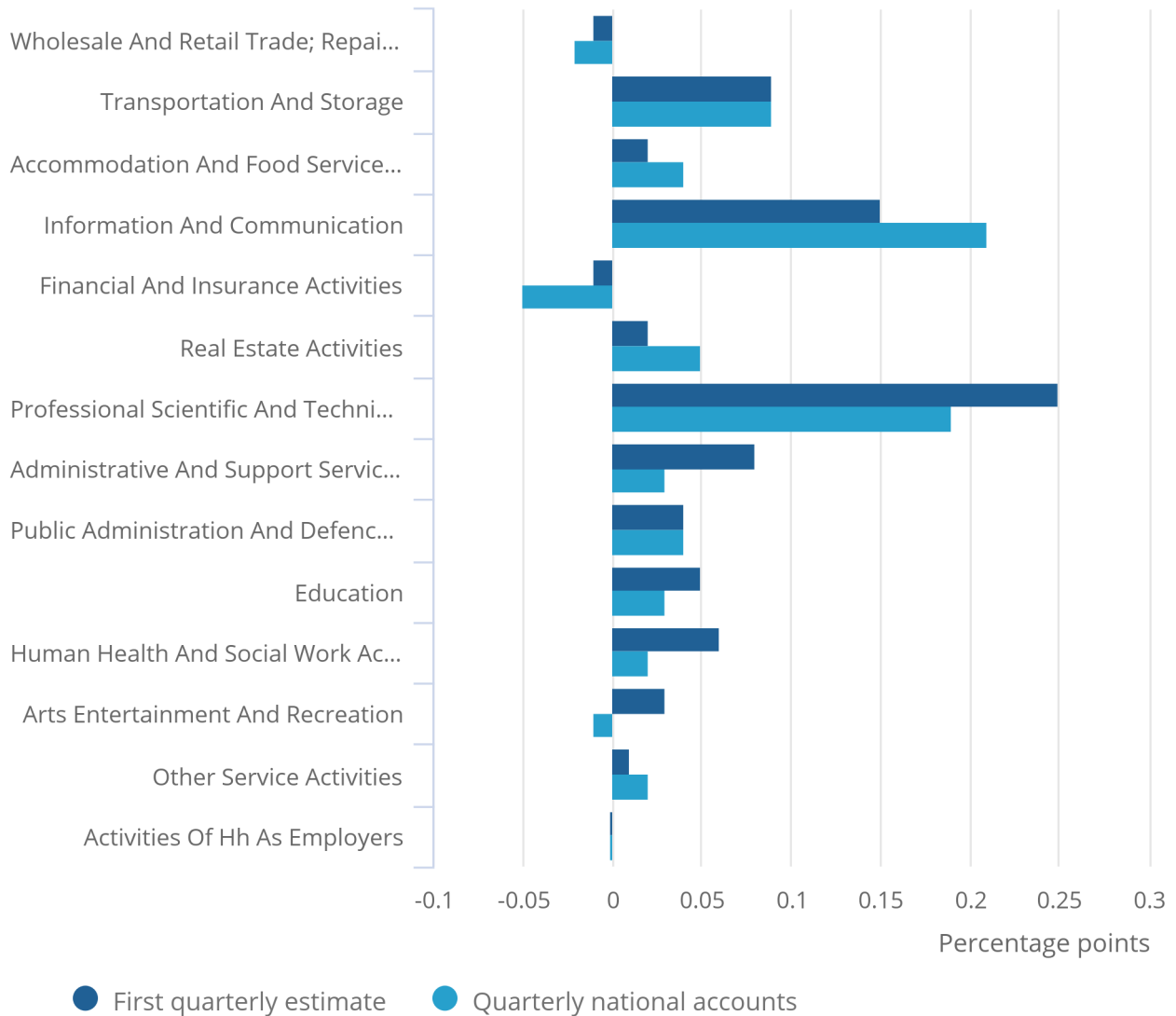
Overall, non-consumer-facing services (business-facing services) grew by 0.9% in Quarter 2 2024, while consumer-facing services fell by 0.3% in Quarter 2 2024, following growth of 0.6% in Quarter 1 2024. The largest drivers of this fall were a 1.1% decline in buying and selling, renting and operating of own or leased real estate, excluding imputed rental, and a 1.7% fall in wholesale and retail trade; repair of motor vehicles and motorcycles.

Figure 4: 10 out of 14 services subsectors showed growth in Quarter 2 2024

Contributions to services growth, UK, Quarter 2 (Apr to June) 2024

Figure 4: 10 out of 14 services subsectors showed growth in Quarter 2 2024

Contributions to services growth, UK, Quarter 2 (Apr to June) 2024



Source: GDP quarterly national accounts from the Office for National Statistics

Notes:

- 1. Components contribution may not sum to total because of rounding.

Across 2023 and 2024, the services sector sees revisions for the following reasons:

- Value Added Tax (VAT) data for Quarter 4 2023 and Quarter 1 2024 have been incorporated for the first time
- late and updated Monthly Business Survey returns
- updated seasonal adjustment models
- the industry weights have also been updated and will affect the contribution of each industry to overall services growth; please see our [gross value added industry weights time series dataset](#) for the latest weights

Production

The production sector is estimated to have fallen by 0.3% in Quarter 2 2024, revised down from the previous estimated fall of 0.1%. Within production, manufacturing was the largest negative contributor, with 7 out of the 13 manufacturing subsectors showing falls in the latest quarter, shown in Figure 5.

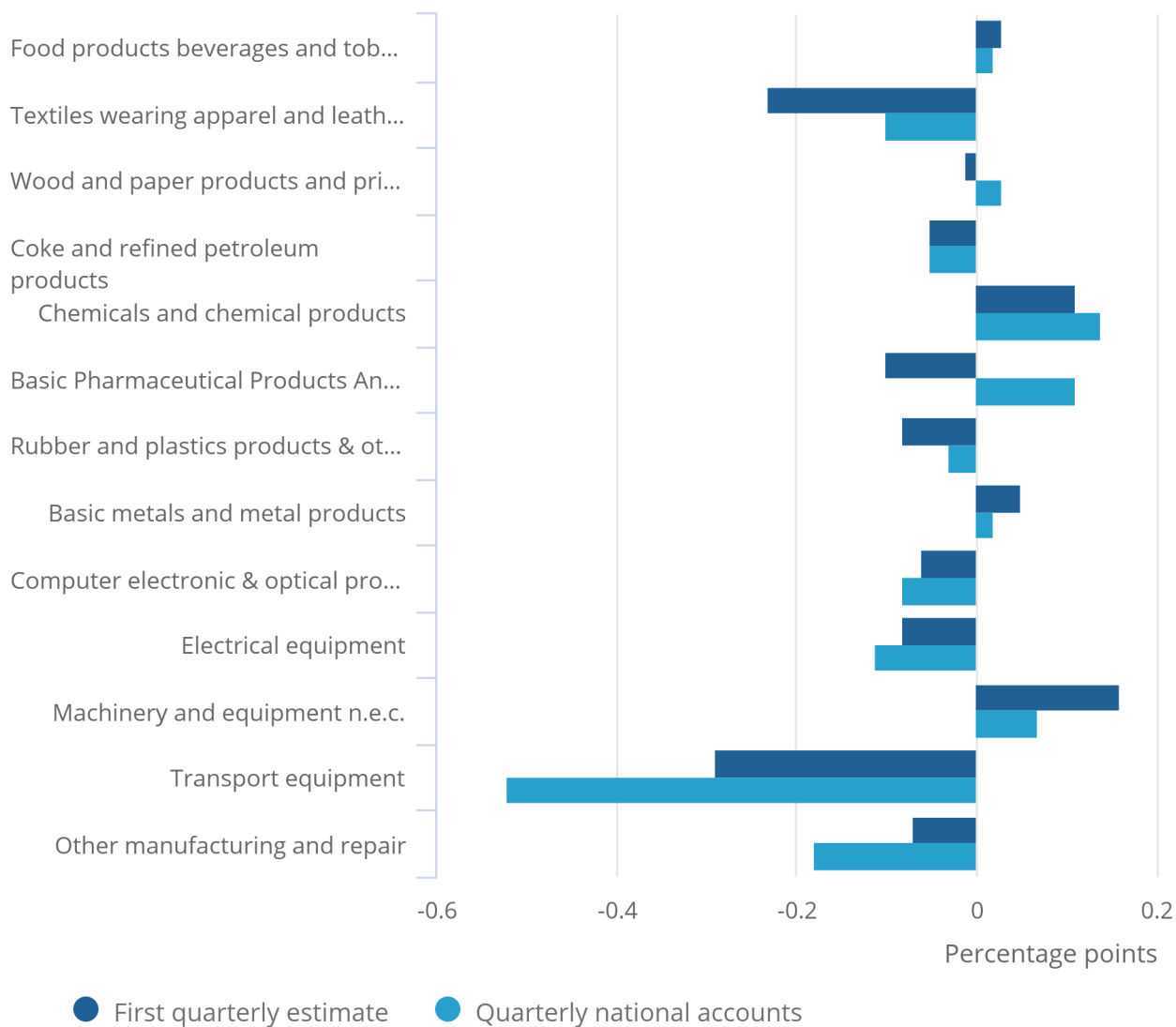
Manufacturing output is estimated to have declined by 0.7% in Quarter 2 2024. The manufacture of transport equipment fell by 3.1% after six consecutive quarters of growth. Anecdotal evidence from the Society of Motor Manufacturers and Traders suggests that output has reduced while [factories have been repurposing to prepare for increased electric car manufacturing](#), and also that temporary supply chain issues have restricted commercial vehicle production.

Figure 5: There were decreases in 7 out of 13 manufacturing subsectors in Quarter 2 2024

UK, contributions to manufacturing growth, Quarter 2 (Apr to June) 2024

Figure 5: There were decreases in 7 out of 13 manufacturing subsectors in Quarter 2 2024

UK, contributions to manufacturing growth, Quarter 2 (Apr to June) 2024



Source: GDP quarterly national accounts from the Office for National Statistics

Notes:

1. Components contribution may not sum to total because of rounding.

Across 2023 and 2024, the production sector sees revisions to growth mainly driven by manufacturing, and the mining and quarrying subsectors. Overall, the revisions to production reflect:

- new VAT turnover data for Quarter 4 2023 and Quarter 1 2024, and revisions to previous quarters
- late and updated Monthly Business Survey returns
- a review of seasonal adjustment models
- the industry weights have also been updated and will affect the contribution of each industry to overall production growth; please see our [gross value added industry weights time series dataset](#) for the latest weights, the largest impact of these changes in weights on production growth comes from mining and quarrying, where the industries' weight has increased

Construction

Construction output has fallen by 0.2% in Quarter 2 2024 (previously a 0.1% fall), the third consecutive quarterly fall, despite growth in May and June 2024. However, the rate of decline in construction is easing according to our early estimates, in line with anecdotal evidence provided by the [Bank of England in their Agents' summary of business conditions](#). The level of construction output in Quarter 2 2024 was 0.8% lower than the same quarter a year ago.

The fall in construction in Quarter 2 2024 reflects a decline in new work of 0.4%, which fell for its sixth consecutive quarter. However, repair and maintenance increased for the 11th consecutive quarter, with growth of 0.1% in Quarter 2 2024.

4 . Expenditure

Looking at the expenditure approach to measuring gross domestic product (GDP), there was an increase in gross capital formation, government consumption and household spending in Quarter 2 (Apr to June) 2024, partially offset by falls in net trade (Figure 6).

Within gross capital formation, the largest contribution was from acquisitions less disposals of valuables, which saw a change of £9.6 billion between Quarter 1 and Quarter 2 of 2024. This component is largely made up of non-monetary gold, which appears within net trade and so the effect is GDP neutral.

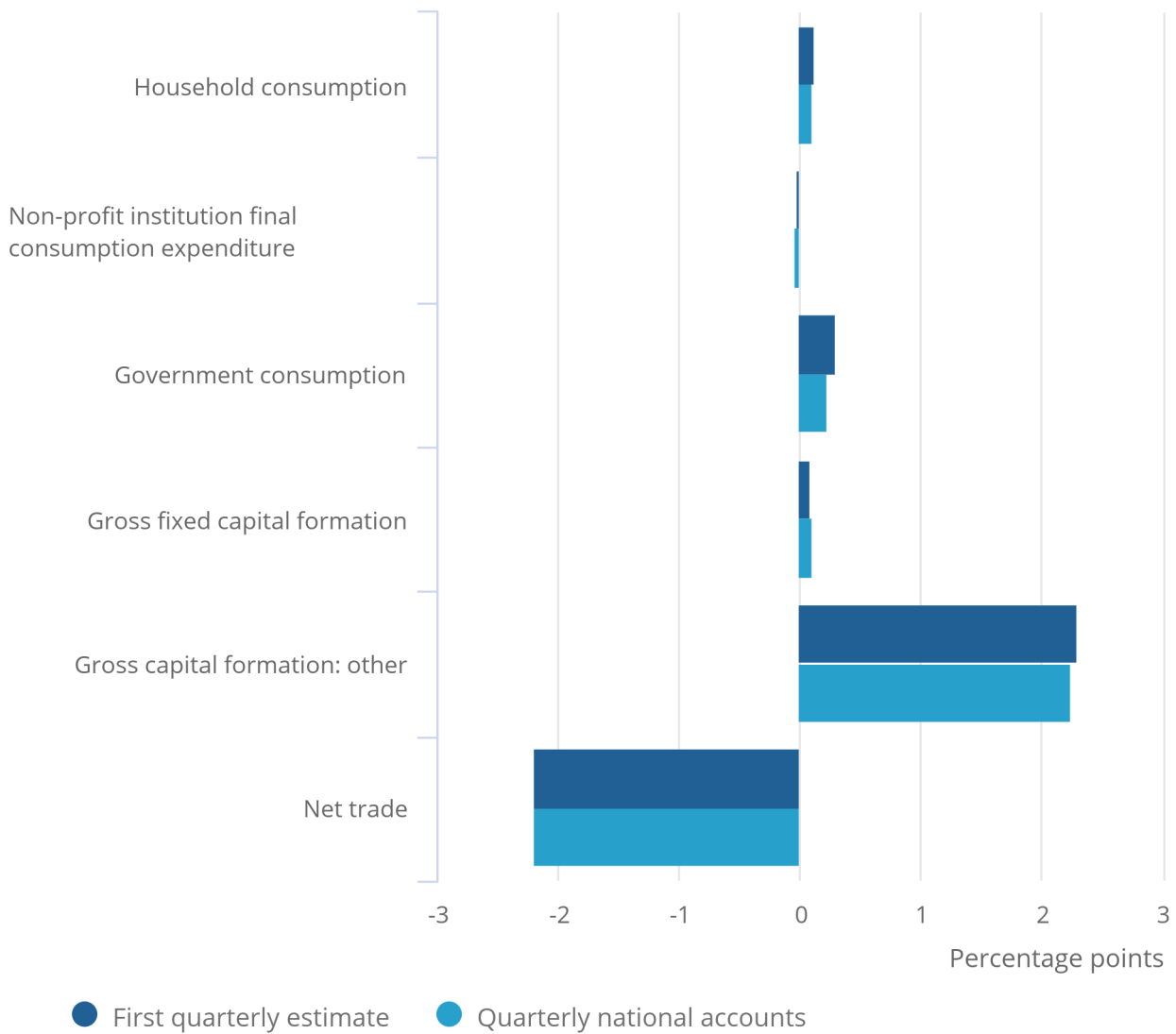
Figure 6 shows the previous and latest contributions to expenditure growth in Quarter 2 2024. These revisions to components are discussed in more detail in this section.

Figure 6: There were large offsetting movements in net trade and gross capital formation, reflecting movements in non-monetary gold in Quarter 2 2024

Contributions by expenditure components, UK, Quarter 2 (Apr to June) 2024

Figure 6: There were large offsetting movements in net trade and gross capital formation, reflecting movements in non-monetary gold in Quarter 2 2024

Contributions by expenditure components, UK, Quarter 2 (Apr to June) 2024



Source: GDP quarterly national accounts from the Office for National Statistics

Notes:

1. "Gross capital formation: other" will include changes in inventories and acquisitions less disposable of assets, as well as the expenditure alignment adjustment.
2. Contributions may not sum to total because of rounding.

Household consumption

There was an increase of 0.2% in real household expenditure in Quarter 2 2024, unrevised from the first estimate. Within household consumption, the largest contributions to the growth were from transport, housing and miscellaneous.

Net tourism contributed negatively to growth in the latest quarter. Net tourism is offset within trade and therefore there is no impact on the GDP aggregate. Information on how we measure net tourism is provided in our [National accounts article: treatment of tourism in the UK National Accounts](#). Excluding net tourism, domestic consumption increased by 0.4% in the latest quarter.

There have been notable revisions to household consumption across 2022 and the start of 2023. As explained in our [Blue Book 2024: Advanced aggregate estimates article](#), estimates for 2022 have reconciled through the supply and use balancing process where this confrontation with the rest of the GDP dataset suggested that household expenditure was being underrecorded.

Additionally there have been revisions because of new and updated data from the [International Passenger Survey](#).

Consumption of government goods and services

Real government consumption expenditure is now estimated to have grown by 1.1% in the latest quarter, revised down from the first estimate increase of 1.4%. The increase in government consumption in the latest quarter mainly reflects higher activity in public administration and defence, which more than offset a fall in health.

Over the course of 2023 and 2024, government consumption sees revisions mainly as a result of:

- updated data for a number of components, including our annual health benchmark data, where we capture more detailed information on services delivered by the NHS
- a review of seasonal adjustment models

Gross capital formation

Within gross capital formation, gross fixed capital formation (GFCF) is estimated to have increased by 0.6% in Quarter 2 2024, revised up from the first estimate increase of 0.4%. Growth was driven by increases in transport equipment, other buildings and structures, and intellectual property products.

Within gross fixed capital formation, business investment is estimated to have increased by 1.4% in Quarter 2 2024 (previously a 0.1% fall) (Figure 7).

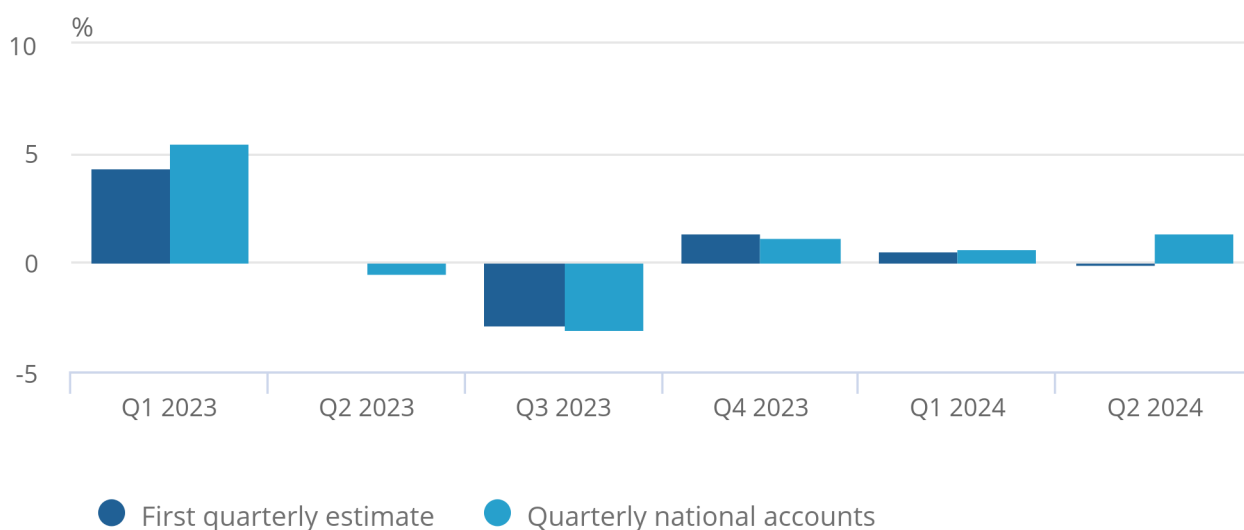
Revisions in gross fixed capital formation and business investment partly reflect revised survey data, as well as updates to the seasonal adjustment model. In addition, balancing adjustments were applied to this component, in particular in Quarter 1 2024.

Figure 7: Business investment is now estimated to have increased by 1.4% in Quarter 2 2024, revised up from the first estimate

Quarter on previous quarter business investment growth, UK, Quarter 1 (Jan to Mar) 2023 to Quarter 2 (Apr to June) 2024

Figure 7: Business investment is now estimated to have increased by 1.4% in Quarter 2 2024, revised up from the first estimate

Quarter on previous quarter business investment growth, UK, Quarter 1 (Jan to Mar) 2023 to Quarter 2 (Apr to June) 2024



Source: GDP quarterly national accounts from the Office for National Statistics

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).

Excluding the alignment and balancing adjustments, revised estimates show that inventories fell by £229 million in Quarter 2 2024 (Table 2), driven by lower stocks in wholesale and retail.

Table 2: Change in inventories, including and excluding balancing and alignment adjustments
UK, Quarter 1 (Jan to Mar) 2023 to Quarter 2 (Apr to June) 2024

		Change in Inventories	Of which alignment	Of which balancing	Change in Inventories excluding alignment and balancing
Q1 2023	Current price	2009	982	500	527
Q1 2023	Chained volume measure	2134	917	500	717
Q2 2023	Current price	878	1170	900	-1192
Q2 2023	Chained volume measure	519	1082	900	-1463
Q3 2023	Current price	2077	-2668	-500	5245
Q3 2023	Chained volume measure	-1733	-2472	-500	1239
Q4 2023	Current price	-235	516	500	-1251
Q4 2023	Chained volume measure	10	473	500	-963
Q1 2024	Current price	-2788	-2659		-129
Q1 2024	Chained volume measure	-2667	-2434	-1500	1267
Q2 2024	Current price	1805	2469		-664
Q2 2024	Chained volume measure	2015	2244		-229

Source: GDP quarterly national accounts from the Office for National Statistics

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

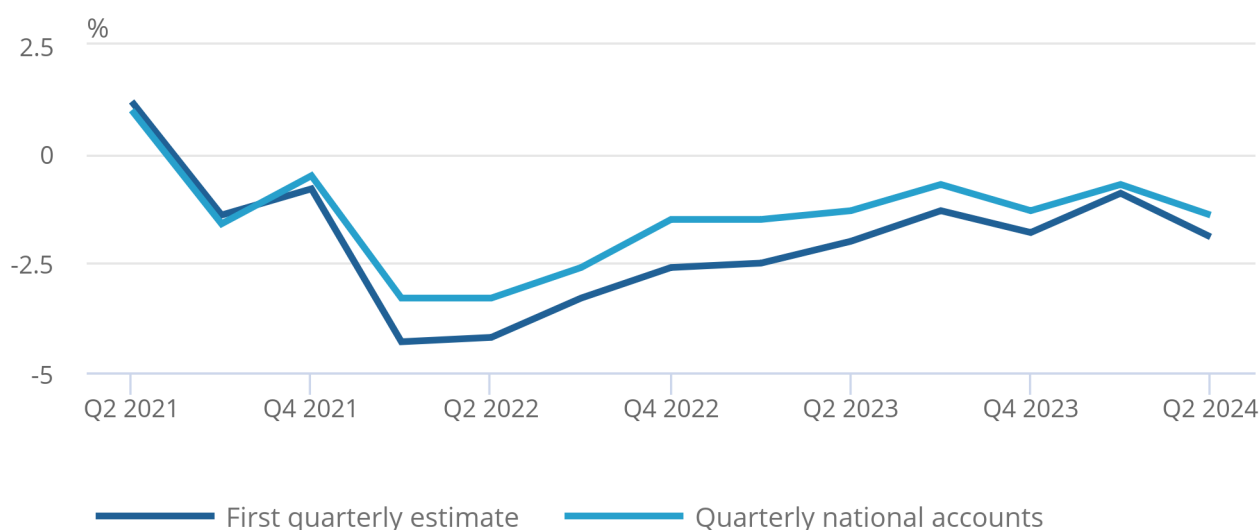
The UK's trade deficit for goods and services was 2.3% of nominal GDP in Quarter 2 2024. However, this includes non-monetary gold, which is an erratic series so it can be useful to exclude this from the trade balance. Excluding non-monetary gold, the trade deficit was 1.4% of nominal GDP in Quarter 2 2024, revised up from a deficit of 1.9% (Figure 8).

Figure 8: Excluding non-monetary gold, the trade deficit was 1.4% of nominal GDP in Quarter 2 2024

Trade balance as a percentage of nominal GDP, excluding non-monetary gold, UK, Quarter 2 (Apr to June) 2021 to Quarter 2 2024

Figure 8: Excluding non-monetary gold, the trade deficit was 1.4% of nominal GDP in Quarter 2 2024

Trade balance as a percentage of nominal GDP, excluding non-monetary gold, UK, Quarter 2 (Apr to June) 2021 to Quarter 2 2024



Source: GDP quarterly national accounts from the Office for National Statistics

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. [Non-monetary gold](#) (NMG) is an erratic series and so it can be useful to consider this excluded from the trade balance.

Export volumes fell by 0.3% in the latest quarter, revised down from the previous estimate increase of 0.8%. The fall in the latest quarter was driven by a 2.8% fall in goods exports (previously a 2.6% fall), which offset a 1.8% increase in services (previously a 3.5% increase). The downward revisions in services exports were mainly because of updated International Trade in Services Survey (ITIS) data.

The increase in services exports was driven mainly by other business services, travel, telecommunications, and computers and information services.

The decline in goods exports was mainly driven by large movements in non-monetary gold, however, this series also appears within gross capital formation (GCF) as valuables and so the effect is GDP neutral. Elsewhere there were falls in material manufactures, and beverages and tobacco.

Import volumes increased by 6.3% in the latest quarter, revised down from the first estimate increase of 7.7%. Growth in the latest quarter was driven by increases of 9.1% in goods (previously a 9.9% increase) and 0.9% in services (previously a 4.1% increase). The downward revision in services imports was mainly because of updated International Trade in Services Survey (ITIS) data including quality improvement work.

The increase in goods imports was driven by large movements in non-monetary gold, as well as increases in machinery and transport equipment, and fuels.

The increase in services imports was mainly because of growth in other business services, in particular legal, accounting and management services, and advertising and market research services.

5 . Income

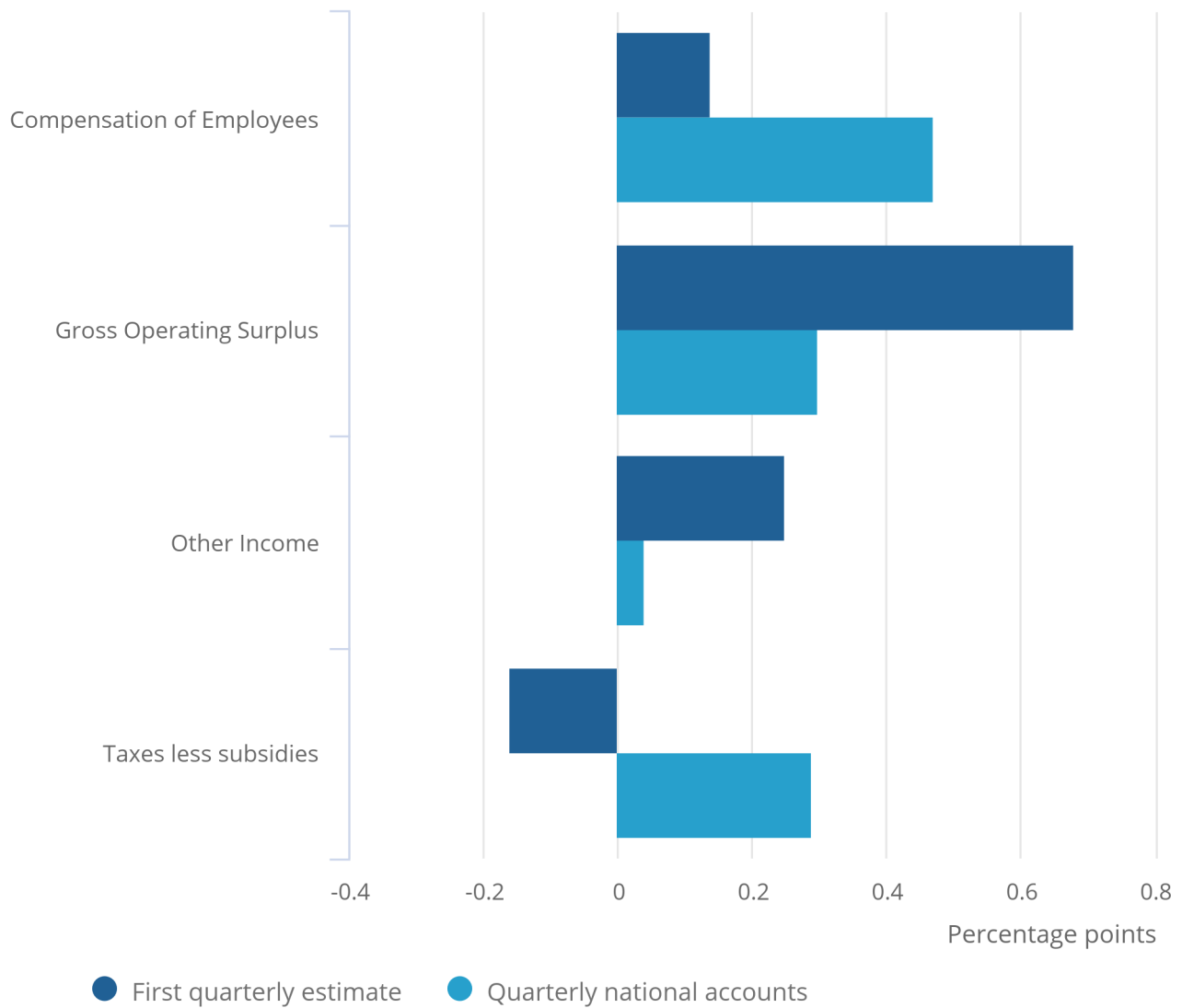
Nominal gross domestic product (GDP) increased by 1.1% in Quarter 2 (Apr to June) 2024, revised up from the first estimate increase of 0.9%. Growth in nominal GDP was driven by increases in all main components. Figure 9 shows that there have been some larger revisions to components in the latest quarter but also across 2023, which are discussed in more detail in this section.

Figure 9: There has been minimal impact of revisions on total nominal GDP in the latest quarter, although there have been some revisions to underlying components

Contributions to nominal GDP, UK, Quarter 2 (Apr to June) 2024

Figure 9: There has been minimal impact of revisions on total nominal GDP in the latest quarter, although there have been some revisions to underlying components

Contributions to nominal GDP, UK, Quarter 2 (Apr to June) 2024



Source: GDP quarterly national accounts from the Office for National Statistics

Notes:

1. Please note, the alignment adjustment is included in the gross operating surplus of nominal GDP.
2. Components contributions may not sum to total because of rounding.

Compensation of employees

Compensation of employees increased by 0.9% in Quarter 2 2024, revised up from the previous estimate of 0.3%. Growth in the latest quarter was driven by an increase of 1.4% in wages and salaries, which offset a 1.5% decline in employers' social contributions.

There continues to be more uncertainty around the wages and salaries figures in this release because of lower response rates in the [Labour Force Survey](#). We have used additional information from our [Pay As You Earn Real Time Information bulletin](#) to help inform the estimates.

Revisions in compensation of employees, in particular across 2023, mainly reflect:

- new annual HM Revenue and Customs (HMRC) Pay As You Earn (PAYE) benchmark data for 2022 to 2023
- review of seasonal adjustment
- updated labour market indicators and other source data (replacing forecasts in the later period)

Taxes less subsidies

Revised estimates show that taxes less subsidies increased by 2.6% (previously a 1.4% fall) in Quarter 2 2024. Growth in the latest quarter was driven by a 1.9% increase in taxes (mainly Value Added Tax (VAT)) and a 3.6% decrease in subsidies.

The revisions in taxes less subsidies mainly reflects updated data on VAT.

Gross operating surplus of corporations

Total gross operating surplus (GOS) of corporations, excluding the alignment adjustment, fell by 0.2% (Table 3) with declines in non-financial corporations. Elsewhere within GOS, excluding balancing adjustments, financial corporations' GOS increased by 6.8% in the latest quarter mainly driven by growth in monetary financial institutions.

Upward revisions in GOS of corporations in 2023 mainly reflects new HMRC self-assessment data for 2021, which has updated the forecasts for 2022 onwards.

Within GOS of corporations, there is uncertainty around estimates of non-financial corporations as we do not have up-to-date quarterly information on the gross trading profits of businesses. These data are collected from HMRC and are available with a lag of approximately two years. As such, we rely on contextual data (as outlined in our [Profitability of UK companies Quality and Methodology Information](#)) from other sources to inform these quarterly estimates.

Table 3: Gross operating surplus of corporations, including and excluding alignment adjustments
UK, Quarter 1 (Jan to Mar) 2023 to Quarter 2 (Apr to June) 2024

	Gross operating surplus of corporations	Of which alignment	Gross operating surplus of corporations excluding alignment	Gross operating surplus of corporations excluding alignment	Quarter-on-quarter growth
Q1 2023	155912	2139	153773		5.9
Q2 2023	146415	-137	146552		-4.7
Q3 2023	144032	-1115	145147		-1.0
Q4 2023	141736	-887	142623		-1.7
Q1 2024	143278	-2109	145387		1.9
Q2 2024	145287	241	145046		-0.2

Source: GDP quarterly national accounts from the Office for National Statistics

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

Early estimates of gross domestic product (GDP) are [subject to revision](#) (positive or negative). For more information please refer to our [GDP revisions in Blue Book: 2023 article](#). In line with the [National Accounts Revision Policy](#), all time periods in the dataset are open for revision.

Table 5 shows the revisions to quarter-on-quarter growth for the components of GDP. The revised estimates of average real GDP compared with the first estimate are shown in Figure 1, while the GDP growth vintages are shown in Table 4. Revision triangles for GDP and components are available alongside the [Quarterly national accounts publication](#).

Table 4: Quarter-on-quarter growth for real GDP at different publication vintages
UK, Quarter 1 (Jan to Mar) 2023 to Quarter 2 (Apr to June) 2024

Relating to Period	2023 Q1	2023 Q2	2023 Q3	2023 Q4	2024 Q1	2024 Q2
May-23	0.1					
Jun-23	0.1					
Aug-23	0.1	0.2				
Sep-23	0.3	0.2				
Nov-23	0.3	0.2	0.0			
Dec-23	0.3	0.0	-0.1			
Feb-24	0.2	0.0	-0.1	-0.3		
Mar-24	0.2	0.0	-0.1	-0.3		
May-24	0.2	0.0	-0.1	-0.3	0.6	
Jun-24	0.2	0.0	-0.1	-0.3	0.7	
Aug-24	0.2	0.0	-0.1	-0.3	0.7	0.6
Latest estimate- Sep-24	0.1	0.0	-0.1	-0.3	0.7	0.5
Total revision between first and latest estimate	0.0	-0.2	-0.1	0.0	0.1	-0.1

Source: GDP quarterly national accounts from the Office for National Statistics

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).

The revisions to quarter-on-quarter growth for the components of GDP are shown in Table 5. This release includes the processing of new and revised source data, including new Value Added Tax (VAT) data for Quarter 4 2023 and Quarter 1 2024, replacement of forecasts with actual survey or external source data, new seasonal adjustment factors, and a comprehensive review of GDP balancing.

Table 5: Revisions to quarter-on-quarter growth for components of GDP
UK, Quarter 1 (Jan to Mar) 2023 to Quarter 2 (Apr to June) 2024

	Q1 2023	Q2 2023	Q3 2023	Q4 2023	Q1 2024	Q2 2024
Average GDP in chained volume measures	-0.1	0.0	0.0	0.0	0.0	-0.1
Output						
Production	-0.5	-0.1	0.1	-0.4	-0.5	-0.2
Construction	-0.3	0.2	-0.1	0.5	-0.1	-0.1
Services	0.1	-0.1	0.0	0.0	0.1	-0.2
Expenditure						
Households	-1.3	0.1	0.2	0.1	0.2	0.0
Non-profit institutions serving households	-0.3	-1.7	1.4	0.2	0.5	-0.4
General government	0.1	-0.5	-0.2	-0.3	0.3	-0.3
Gross fixed capital formation	0.5	-0.4	-0.3	-0.2	0.3	0.2
Total exports	-1.2	0.3	-1.6	0.9	0.0	-1.1
Total imports	-1.4	-0.3	-0.6	1.1	1.5	-1.4
Average GDP in current prices	0.2	-0.6	0.1	0.2	-0.2	0.2
Income						
Compensation of employees	0.5	0.1	-0.4	-0.1	0.1	0.6
Gross operating surplus of corporations	1.4	-0.8	2.0	1.5	-1.1	-1.9
Other income	-1.3	-0.8	-0.6	0.0	1.9	-1.1
Taxes on products & production less subsidies	0.7	-1.3	0.9	0.1	-3.2	4.0

Source: GDP quarterly national accounts from the Office for National Statistics

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 first quarterly estimate published 15 August 2024 and GDP quarterly national accounts published 30 September 2024.

7 . Quarterly sector accounts

Real households' disposable income (seasonally adjusted)

Real households' disposable income (RHDI) is estimated to have grown by 1.3% in Quarter 2 (Apr to June) 2024, a slowdown in growth from the 1.6% growth in the previous quarter (Figure 10).

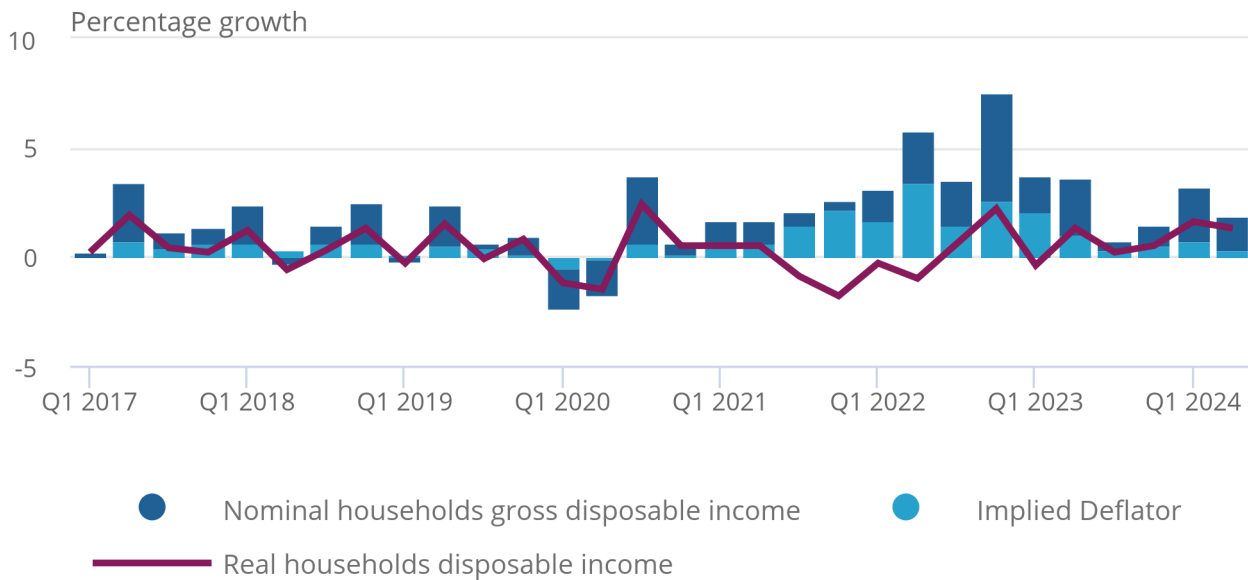
Within RHDI, nominal gross disposable income saw growth at 1.6%, because of an increase in income from wages and salaries of £4.0 billion, an increase in households' social security benefits in cash of £1.8 billion and a fall in households' total social contributions paid of £1.8 billion. This was partially offset by an increase in other current taxes paid of £0.9 billion, which was driven by an increase in taxes paid to local government and an increase in the implied deflator of 0.4%.

Figure 10: Real households disposable income is estimated to have grown by 1.3% in Quarter 2 2024, down from 1.6% in the previous quarter

Real household disposable income, seasonally adjusted, UK, Quarter 1 (Jan to Mar) 2017 to Quarter 2 (Apr to June) 2024

Figure 10: Real households disposable income is estimated to have grown by 1.3% in Quarter 2 2024, down from 1.6% in the previous quarter

Real household disposable income, seasonally adjusted, UK, Quarter 1 (Jan to Mar) 2017 to Quarter 2 (Apr to June) 2024



Source: Quarterly sector accounts from the Office for National Statistics

Notes:

1. RHDI growth may not equal the gross disposable income growth minus the implied deflator growth because of rounding.

Household saving ratio

The household saving ratio is estimated at 10.0% in Quarter 2 2024, up from 8.9% in Quarter 1 (Jan to Mar) 2024. The increase in the savings ratio was 1.1 percentage points in the latest quarter.

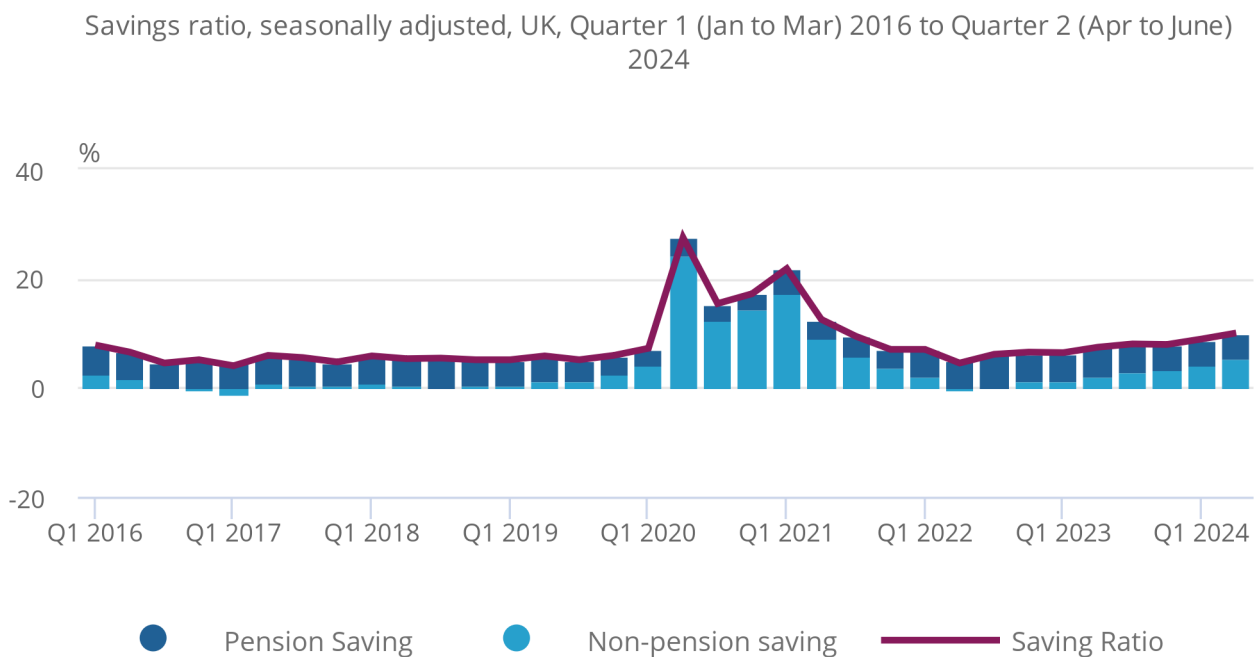
During Quarter 1 2024, non-pension saving contributed 5.4 percentage points to the saving ratio with pension saving contributing 4.6 percentage points (Figure 11). In the previous quarter both measures are showing identical contributions. This is the first time since the coronavirus (COVID-19) pandemic that non-pension saving has been higher than pension saving.

This was driven by a rise in income from wages and salaries of £4.0 billion, an increase in households' social security benefits in cash of £1.8 billion and a fall in households' total social contributions paid of £1.8 billion. Partially offsetting this was a rise in final consumption expenditure of £2.1 billion. The largest contributors to final consumption expenditure were transport, which increased by £1.9 billion, and housing, water, gas and electric, which increased by £0.9 billion. These were partially offset by the miscellaneous category, which decreased by £0.8 billion, and net expenditure by tourists, which decreased by £0.7 billion.

Figure 11: Non-pension savings contributed 5.4 percentage points to the savings ratio, which is at 10.0% in the latest quarter

Savings ratio, seasonally adjusted, UK, Quarter 1 (Jan to Mar) 2016 to Quarter 2 (Apr to June) 2024

Figure 11: Non-pension savings contributed 5.4 percentage points to the savings ratio, which is at 10.0% in the latest quarter



Source: Quarterly sector accounts from the Office for National Statistics

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

In the non-financial accounts, non-financial corporations, general government, and non-profit institutions serving households were net borrowers as a percentage of GDP, while financial corporations, households, and the rest of the world were net lenders as a percentage of GDP.

The UK's borrowing position with the rest of the world as a percentage of GDP is estimated to have increased to 4.1% in Quarter 2 2024 compared with 2.3% of GDP in Quarter 1 2024.

Non-financial corporations switched to net borrowing of 3.4% of GDP, from net lending of 0.3% of GDP, in Quarter 1 2024. Within non-financial corporations, private non-financial corporations (PNFCs) switched to net borrowing of £24.1 billion from net lending of £0.7 billion in the previous quarter. This decrease was driven by a fall in net property income of £12.3 billion and an increase in gross capital formation of £12.5 billion.

Financial corporations increased their net lending position to 2.1% of GDP, from 1.1% of GDP in Quarter 1 2024. This was driven by a rise in net property income of £9.6 billion, partially offset by a rise in gross capital formation of £2.9 billion.

General government decreased net borrowing to 5.9% of GDP in Quarter 2 2024, from 6.1% of GDP in Quarter 1 2024. Within general government, central government increased net borrowing to £41.1 billion following £38.1 billion in the previous quarter. This increase was driven by decreased social contributions of £3.1 billion, increased consumption expenditure of £2.2 billion, and increased social benefits other than social transfers in kind of £1.4 billion. This was partially offset by a rise in taxes on production and imports less subsidies of £2.0 billion.

Households increased their net lending position to 3.4% of GDP, up from 2.7% of GDP in Quarter 1 2024. The drivers were the same as that of the saving ratio as mentioned previously.

Financial account net lending and borrowing (not seasonally adjusted)

In the financial accounts, non-financial corporations and general government were net borrowers as a percentage of GDP, while financial corporations, households, non-profit institutions serving households, and the rest of the world were net lenders as a percentage of GDP.

The UK's net borrowing position with the rest of the world as a percentage of GDP is estimated to have increased to 2.8% in Quarter 2 2024 compared with 0.4% of GDP in Quarter 1 2024.

Non-financial corporations have seen a fall in net borrowing as a percentage of GDP to 0.9% in the latest quarter, down from 1.9% in Quarter 1 2024. Within this sector, private non-financial corporations (PNFCs) decreased their net borrowing to £7.2 billion in Quarter 2 2024 from £14.2 billion in the previous quarter. This was driven by rises in net loans of £15.0 billion and increased currency and deposits of £8.4 billion, partially offset by decreased equity and investment fund shares and units of £13.9 billion.

Financial corporations are lending at 0.6% as a percentage of GDP in the latest quarter. Their financial account saw a rise in net loans of £40.5 billion, rise in net debt securities of £37.0 billion and a rise in derivatives and employees' stock options of £26.8 billion. This was partially offset by a fall in net currency and deposits of £73.3 billion, a fall in equity and investment fund shares and units of £23.0 billion and a fall in net other accounts of £6.4 billion.

General government increased their net borrowing as a percentage of GDP to an estimated 8.0% in the latest quarter, from 2.2% in Quarter 1 2024. This increase was driven by a rise in long-term debt securities issued by UK central government of £39.5 billion, partially offset by a rise in net currency and deposits of £0.8 billion and a rise in other accounts receivable or payable of £10.5 billion.

Households increased their net lending as a percentage of GDP in the latest quarter at an estimated 5.4%, from 3.6% in Quarter 1 2024. This was driven by a rise in net currency and deposits of £9.3 billion and net other accounts receivable or payable of £8.9 billion, partially offset by a rise in loans secured on dwellings of £8.2 billion.

Non-financial sector accounts revisions in 2023 against previously published

UK net borrowing from the rest of the world as a percentage of GDP was revised down from 3.5% to 2.2% in 2023. This revision was driven by an upward revision to final consumption expenditure of £49.9 billion. This was partially offset by upward revisions to net property income of £16.6 billion, gross mixed income of £10.3 billion and compensation of employees of £9.1 billion.

Non-financial corporations' net borrowing as a percentage of GDP was revised down from 1.1% to 0.3% in 2023. This revision was driven by upward revisions to gross operating surplus of £8.9 billion and to net property income of £3.0 billion, together with a downward revision to gross capital formation of £6.5 billion.

Financial corporations' net lending as a percentage of GDP was revised up from 1.9% to 2.5% in 2023. This revision was driven by upward revisions to net property income of £21.6 billion.

General government net borrowing as a percentage of GDP was revised down from 5.9% to 5.7% in 2023. Small revisions across the accounts were experienced.

Households' net lending as a percentage of GDP was revised down from 2.7% to 1.4% in 2023. This revision was primarily driven by the upward revision to final consumption expenditure of £40.7 billion, and a downward revision of property income of £9.2 billion, partially offset by upward revisions to gross mixed income of £10.3 billion and compensation of employees of £9.1 billion.

8 . International comparisons

Table 6: Real GDP growth for the G7 economies

Percentage change, quarter-on-quarter and annual growth, real gross domestic product (GDP), UK, 2022 to 2024

Country	Quarter on previous quarter (%)				Quarter on quarter growth (%), 2024 Q2 compared to prepandemic 2019 Q4			Annual growth (%)	
	2023 Q1	2023 Q2	2023 Q3	2023 Q4	2024 Q1	2024 Q2	2024 Q2	2022	2023
Canada	0.8	0.2	-0.1	0.0	0.4	0.5	5.5	3.8	1.2
France	0.0	0.7	0.1	0.4	0.3	0.2	3.7	2.6	0.9
Germany	0.1	-0.2	0.2	-0.4	0.2	-0.1	0.2	1.4	-0.3
Italy	0.4	-0.1	0.3	0.1	0.3	0.2	4.7	4.0	0.9
Japan	1.3	0.7	-1.1	0.1	-0.6	0.7	3.0	1.2	1.7
United Kingdom	0.1	0.0	-0.1	-0.3	0.7	0.5	2.9	4.8	0.3
United States	0.6	0.5	1.2	0.8	0.4	0.7	9.4	1.9	2.5

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

Notes

1. Q1 refers to Quarter 1 (Jan to Mar), Q2 refers to Quarter 2 (Apr to June), Q3 refers to Quarter 3 (July to Sept) and Q4 refers to Quarter 4 (Oct to Dec).
2. The Group of Seven (G7) is an intergovernmental organisation, which consists of the US, UK, France, Germany, Italy, Canada and Japan.
3. Data accessed and retrieved from OECD website on 27 September 2024, where revision policies for published estimates can differ between countries.

Table 7: Real GDP per head growth for the G7 economies
 Percentage change, quarter on quarter and annual growth, real gross domestic product (GDP) per head for 2023 to 2024

Country	Quarter on previous quarter (%)						Annual (%)
	2023 Q1	2023 Q2	2023 Q3	2023 Q4	2024 Q1	2024 Q2	2023
Canada	0.3	-0.4	-1.0	-1.0	-0.2	.	-1.5
France	-0.1	0.6	0.0	0.0	.	.	0.3
Germany	-0.1	-0.2	0.1	-0.5	0.2	-0.1	-1.1
Italy	0.4	-0.1	0.3	0.0	0.4	0.2	1.0
Japan	1.4	0.7	-0.9
United Kingdom	-0.2	-0.3	-0.4	-0.6	0.5	0.2	-0.8
United States	0.5	0.4	1.0	0.7	0.2	0.6	2.0

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

Notes

1. Q1 refers to Quarter 1 (Jan to Mar), Q2 refers to Quarter 2 (Apr to June), Q3 refers to Quarter 3 (July to Sept) and Q4 refers to Quarter 4 (Oct to Dec).
2. The Group of Seven (G7) is an intergovernmental organisation, which consists of the US, UK, France, Germany, Italy, Canada and Japan.
3. Data accessed and retrieved from OECD website on 27 September 2024, where revision policies for published estimates can differ between countries and be available on a lag compared with GDP estimates.

9 . Data on GDP quarterly national accounts

[GDP – data tables](#)

Dataset | Released 30 September 2024

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 30 September 2024

Quarterly levels for UK gross domestic product (GDP), in chained volume measures at market prices.

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

Dataset | Released 30 September 2024

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

10 . Glossary

11 . Data sources and quality

The three approaches to measuring GDP

The different data content and quality of the three approaches: the output approach, the expenditure approach and the income approach, dictate 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. 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.

The three approaches to measuring GDP allow us to confront our data sources within the national accounts framework. Figure 3 showed that while the three approaches to measuring GDP are now more closely aligned compared with the first estimate, there can still be uncertainty at the component level at this stage in the production cycle for 2023 onwards until these data have been confronted through the supply and use tables framework (SUTs). This uncertainty may be for various reasons and is further discussed in this section.

Output approach

In the output approach, we do not currently have final estimates for intermediate consumption (value of goods and services purchased to be used up in the production of goods and services) as outlined in our [Impact of Blue Book 2023 changes on gross domestic product article](#). Initially, we use turnover and output as a proxy for changes in gross value added and assume that the intermediate consumption ratio by industry, calculated in 2022, holds constant into 2023 onwards. More information on this is provided later in this section.

Expenditure approach

In the expenditure approach, we currently have lower response rates for areas such as the Living Costs and Food Survey, which underpin our estimates of household consumption. We therefore rely on additional real time indicators to inform some of our estimates in the short run.

Income approach

In the income approach, we do not have up-to-date quarterly information on the gross trading profits of businesses as these data are collected from HM Revenue and Customs and are available with a lag of approximately two years. We rely on contextual data (as outlined in our [Profitability of UK companies Quality and Methodology Information](#)) from other sources to inform these quarterly estimates. There is currently more uncertainty around the compensation of employees figures in this release because of lower response rates in the [Labour Force Survey](#). We have used additional information from our [Pay As You Earn Real Time Information bulletin](#) to help inform the estimates.

Reaching the GDP balance

Quarterly GDP is a balanced measure of the three approaches, while the GDP monthly estimate focuses on gross value added (GVA) and output as a proxy for GDP. This results in data differences (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 our [GDP quarterly data tables](#), 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, as explained in our [Recent challenges of balancing the three approaches of GDP](#) article. Our standard practice is to prefer that the alignment adjustment be out of tolerance rather than over-adjust individual GDP components to achieve a balance. This is most likely to occur in the latest quarter where the constraints are larger, where we must align to the output estimate for the change in GDP, and where the data content is at its lowest.

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 8. The resulting series should be considered accordingly.

Table 8: Balancing adjustments applied to the GDP quarterly national accounts dataset
UK, Quarter 1 (Jan to Mar) 2023 to Quarter 2 (Apr to June) 2024

GDP measurement approach and component adjustment applied to		2023 Q1	2023 Q2	2023 Q3	2023 Q4	2024 Q1	2024 Q1
Expenditure							
Gross fixed capital formation	Current prices	500	500	-500	-500	-1000	500
	Chained volume measure	500	500	-500	-500	-1000	
Inventories	Current prices	500	900	-500	500		
	Chained volume measure	500	900	-500	500	-1500	
Trade in services exports	Current prices	3000	3000	1500	500	-1000	1500
	Chained volume measure	1000	500		-500	-3000	500
Trade in services imports	Current prices	300	500	1500	1500	2000	3000
	Chained volume measure	300	1000	1500	500	500	2000
Household consumption	Current prices					-1000	-1500
	Chained volume measure						500
Income							
Private non-financial corporations gross operating surplus	Current prices	2000	500			-500	
Financial corporations gross operating surplus	Current prices	500	500	500	250	-500	-2000
Compensation of employees	Current prices	-500	-500	-1000	-2000	-2700	-3000

Source: GDP quarterly national accounts from the Office for National Statistics

Notes

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

The relationship between intermediate consumption ratios and gross value added by industry

For most industries, our early estimates of gross value added (GVA) use real growth in turnover or volume of output as a proxy for GVA growth. The main assumption this proxy approach makes is that the relationship between output and intermediate consumption remains the same past the last fully balanced year. Therefore, the extent to which this proves not to be the case is one cause of revision between our early estimates of GVA and the fully balanced annual estimates. This relationship can be represented by the intermediate consumption ratio or IC ratio. This is the intermediate consumption of an industry divided by its output.

Consider GVA estimates for 2022 as an example. When the 2023 annual national accounts were published, the last balanced year was 2021. Since then, 2022 GVA estimates were based on the 2021 IC ratio. As part of the 2024 annual national accounts round, we observe the 2022 IC ratio for the first time. We effectively replace a forecast of the 2022 IC ratio (using 2021) with the observed 2022 IC ratio.

If the observed IC ratio of an industry is higher, it requires more product inputs to create the same amount of output, and hence GVA (other things equal) will be lower. We therefore expect an increase in the IC ratio of an industry to be associated with a downward revision in GVA growth. Similarly, a lower IC ratio in the most recent year would be associated with an increase in the GVA growth rate.

The IC ratio is not the only influence on GVA. If both output and intermediate consumption increase such that the IC ratio is preserved, then GVA increases without the IC ratio changing at all. For this reason, the strength of the association between the IC ratio change and the GVA revision gives an indication of how important this factor was in determining the GVA growth rate revision.

Figure 12 shows this association for 19 Standard Industrial Classification (SIC) section-level industries for the years 2020 to 2022. Industry T (activities of households as employers) is excluded because this industry by definition has no intermediate consumption. The 2022 IC ratio is the position pre-rebasing. Rebasing led to an overall upward shift in the volume IC ratio in all years, which prevents a like-with-like comparison.

Figure 12: The changes in IC ratio and GVA revision by industry were more weakly associated in 2022 than 2020 or 2021

Figure 12 shows a relatively strong association between the change in the IC ratio and the change in GVA growth in 2020 and 2021. There was a relatively wide range of IC ratio changes in these years, which covered the initial impact of the coronavirus (COVID-19) pandemic in 2020 and the beginning of the recovery in 2021. This disruption led to the ONS suspending rebasing in these years, as discussed in our recent [Blue Book 2024: advanced aggregate estimates](#) article.

Taking health and social care (SIC Section Q) as an example, the 2020 IC ratio proved to be much higher than in 2019; intermediate consumption grew much more than output did as health services adapted to the coronavirus pandemic. When the IC ratio was updated, volume GVA fell. This effect was somewhat reversed in 2021; health spending growth was lower than activity growth, so the IC ratio fell and GVA was revised upwards.

The association in 2022 between the change in IC ratio and the revision to GVA growth was much weaker. For example, there were more cases where the IC ratio and the GVA revision move in the same direction in 2022 than 2021 or 2020. For professional and business services (SIC Section M) we see an increase in both the IC ratio and GVA. In this case, this mainly reflects higher overall activity in 2022 in this industry in the annual data compared with the short-term data.

2022 does see two outliers that both fit the expected relationship. The electricity and gas supply industry (SIC Section D) has a larger increase in the IC ratio and a downward revision to GDP growth, and the transportation and storage industry (SIC Section H) sees the same but in reverse. The energy and transport industries were both reworked in 2024 and are discussed in our recent [Blue Book 2024: advanced aggregate estimates](#) article.

In conclusion, in 2020 and 2021, the structural annual surveys and subsequent annual data reconciliation had a large impact on the relationship between output and intermediate consumption; these years also saw relatively large revisions to GVA by industry. In 2022, the changes to the IC ratio are more modest; revisions overall have been smaller, and data on intermediate consumption seems to have played much less of a role in determining them.

Net trade

HM Revenue and Customs (HMRC) implemented a data collection change affecting data on goods exports from Great Britain (GB) to the EU in January 2021, and data on goods imports from the EU to GB in January 2022. For more information see [HMRC's Methodology changes to trade in goods statistics from March 2022 article](#).

We have applied adjustments to our estimates of goods imports from the EU for 2021 to reflect this data collection change, which brought imports and exports statistics onto a like-for-like basis in 2021, as detailed in our [Trade in goods: Adjustments to 2021 EU imports estimates, by chapter dataset](#). The full time series for goods imports from and exports to the EU contains a discontinuity from January 2021 resulting from the move from Intrastat to customs declarations, as detailed in our [Impact of trade in goods data collection changes on UK trade statistics: adjustments to 2021 EU imports estimates article](#). We are continuing to work with HMRC to consider possible options to account for this discontinuity.

Separately, in 2021, the use of Staged Customs Controls (SCC) allowed customs declarations to be reported up to 175 days after the date of import for imports of non-controlled goods from the EU to GB. [The UK government introduced full customs controls in January 2022](#), while July 2022 marked the first full month of data where delayed customs declarations submitted under SCC could not be included. Temporary arrangements still apply for imports of goods from Ireland to GB. In our [Impact of trade in goods data collection changes on UK trade statistics: further update on Staged Customs Controls article](#) published on 3 July 2023, we presented analysis on the impact of SCC on trade in goods data for imports from the EU to GB in 2022. We have previously adjusted for the impact of SCC and have published an article [Impact of trade in goods data collection changes on UK trade statistics: adjustments to 2022 EU imports estimates](#) providing a detailed breakdown of the impact of these adjustments.

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 (QMI) is available in the [Gross domestic product \(GDP\) Quality and Methodology Information](#).

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 often 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.

Accredited official statistics

These accredited official statistics were independently reviewed by the [Office for Statistics Regulation](#) in October 2016. They comply with the standards of trustworthiness, quality and value in the [Code of Practice for Statistics](#) and should be labelled "accredited official statistics".

12 . Related links

[GDP first quarterly estimate, UK: April to June 2024](#)

Bulletin | Released 15 August 2024

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.

[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.

[Communicating the UK Economic Cycle](#)

Article | Released 11 November 2022

Explanation of movement in gross domestic product (GDP) and wider considerations around technical recessions in the UK.

13 . Cite this statistical bulletin

Office for National Statistics (ONS), released 30 September 2024, ONS website, statistical bulletin, [GDP quarterly national accounts, UK: April to June 2024](#)

A1 National accounts aggregates^{1,2}

2022 = 100

	Value indices at current prices		Chained volume indices				Implied deflators ³		
	Gross domestic product at market prices	Gross value added at basic prices	Gross domestic product at market prices	Gross value added at basic prices	Gross national disposable income at market prices	Market sector gross value added	Gross national expenditure	Gross domestic product at market prices	Gross value added at basic prices
	YBEU	YBEX	YBEZ	CGCE	YBFP	L48H	YBFV	YBGB	CGBV
2021	90.5	90.4	95.4	95.8	96.7	96.3	93.5	94.8	94.4
2022	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2023	107.7	108.8	100.3	100.3	100.0	100.1	106.5	107.3	108.4
Seasonally adjusted									
2022 Q1	96.6	96.1	99.6	99.8	97.8	99.8	96.4	97.0	96.3
Q2	99.0	98.6	99.9	100.0	100.4	100.1	99.3	99.1	98.7
Q3	100.8	100.2	100.1	99.9	99.0	99.8	101.9	100.7	100.3
Q4	103.6	105.0	100.4	100.3	102.8	100.3	102.6	103.2	104.7
2023 Q1	105.8	108.8	100.5	100.4	99.8	100.5	104.8	105.3	108.4
Q2	107.7	108.5	100.5	100.4	99.2	100.4	106.4	107.2	108.0
Q3	108.6	108.8	100.4	100.3	100.7	100.1	107.3	108.2	108.5
Q4	108.6	108.9	100.0	100.0	100.2	99.7	107.6	108.6	108.9
2024 Q1	110.1	110.5	100.7	100.7	100.4	100.3	108.2	109.3	109.8
Q2	111.3	111.4	101.2	101.1	100.8	100.9	108.6	110.0	110.1
Percentage change, latest year on previous year									
	IHYM	KGL6	IHYP	KGM7	KH6X	L489	KH7D	IHYS	KGM4
2021	8.6	7.9	8.6	8.6	12.2	6.7	0.1	0.1	-0.6
2022	10.5	10.7	4.8	4.4	3.4	3.8	6.9	5.4	6.0
2023	7.7	8.8	0.3	0.3	-	0.1	6.5	7.3	8.4
Percentage change, latest quarter on previous quarter									
	IHYN	KGL8	IHYQ	KGM9	KH6Z		KH7E	IHYT	KGM5
2022 Q1	2.2	2.2	0.7	0.7	-2.6	0.6	1.7	1.5	1.5
Q2	2.5	2.6	0.3	0.2	2.6	0.4	3.0	2.1	2.4
Q3	1.8	1.6	0.1	-	-1.4	-0.3	2.6	1.7	1.6
Q4	2.8	4.8	0.3	0.4	3.9	0.5	0.7	2.4	4.4
2023 Q1	2.1	3.6	0.1	0.1	-3.0	0.2	2.2	2.0	3.5
Q2	1.9	-0.3	-	-	-0.6	-0.1	1.5	1.9	-0.3
Q3	0.8	0.3	-0.1	-0.1	1.6	-0.3	0.8	0.9	0.4
Q4	-	0.1	-0.3	-0.3	-0.6	-0.4	0.3	0.4	0.4
2024 Q1	1.4	1.5	0.7	0.7	0.2	0.7	0.5	0.7	0.8
Q2	1.1	0.7	0.5	0.5	0.4	0.6	0.4	0.6	0.3
Percentage change, latest quarter on corresponding quarter of previous year									
	IHYO	KGM2	IHYR	KGN3	KH73	L48D	KH7F	IHYU	KGM6
2022 Q1	13.4	12.3	11.5	11.0	7.7	9.0	3.1	1.8	1.1
Q2	10.0	9.6	4.3	3.8	3.3	3.6	7.7	5.5	5.5
Q3	9.4	9.1	2.7	2.2	0.7	2.0	8.9	6.6	6.8
Q4	9.5	11.7	1.5	1.3	2.4	1.1	8.2	7.9	10.3
2023 Q1	9.4	13.3	0.9	0.7	2.0	0.7	8.7	8.5	12.5
Q2	8.8	10.0	0.5	0.5	-1.2	0.2	7.1	8.2	9.5
Q3	7.7	8.6	0.3	0.4	1.8	0.2	5.3	7.4	8.1
Q4	4.9	3.7	-0.3	-0.3	-2.6	-0.6	4.9	5.2	4.0
2024 Q1	4.1	1.6	0.3	0.2	0.6	-0.1	3.2	3.9	1.3
Q2	3.3	2.6	0.7	0.7	1.6	0.5	2.1	2.6	1.9

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

2 The growth rates are calculated from the £m series and due to the rounded nature of the index series the growth rates cannot be replicated.

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

A2 National accounts aggregates¹

£ million

	Current prices					Chained Volume Measures (Reference year 2022)				
	Gross national income at market prices	Net income from abroad ²	Gross domestic product at market prices	less Basic price adjustment ³	Gross value added at basic prices	Gross domestic product at market prices	less Basic price adjustment ³	Gross value added at basic prices	Gross value added excluding oil & gas ⁴	
	ABMZ	CAES	YBHA	NTAP	ABML	ABMI	NTAO	ABMM	KLS2	
2021	2 299 051	13 651	2 285 400	237 468	2 047 932	2 409 815	240 260	2 169 937	2 133 814	
2022	2 540 238	13 810	2 526 428	260 346	2 266 082	2 526 428	260 346	2 266 082	2 229 461	
2023	2 701 733	-18 302	2 720 029	255 442	2 464 587	2 535 017	262 330	2 272 687	2 240 740	
Seasonally adjusted										
2022 Q1	604 034	-6 312	610 346	65 920	544 426	629 149	64 066	565 129	555 912	
Q2	635 327	9 860	625 467	66 629	558 838	631 258	64 955	566 308	556 968	
Q3	638 434	1 881	636 553	68 735	567 818	631 977	65 732	566 217	557 056	
Q4	662 443	8 381	654 062	59 062	595 000	634 044	65 593	568 428	559 525	
2023 Q1	663 173	-4 766	667 939	51 339	616 600	634 612	65 650	568 962	560 941	
Q2	669 753	-10 742	680 492	65 849	614 643	634 624	65 696	568 928	560 897	
Q3	685 630	-41	685 669	69 256	616 413	633 956	65 598	568 358	560 281	
Q4	683 177	-2 753	685 929	68 998	616 931	631 825	65 386	566 439	558 621	
2024 Q1	690 043	-5 485	695 527	69 295	626 232	636 222	65 865	570 357	562 675	
Q2	694 291	-8 601	702 893	71 976	630 917	639 095	66 118	572 977	565 358	
Percentage change, latest year on previous year										
	KH74		IHYM		KGL6	IHYP		KGM7	KLH8	
2021	11.7		8.6		7.9	8.6		8.6	8.8	
2022	10.5		10.5		10.7	4.8		4.4	4.5	
2023	6.4		7.7		8.8	0.3		0.3	0.5	
Percentage change, latest quarter on previous quarter										
	KH75		IHYN		KGL8	IHYQ		KGM9		
2022 Q1	-0.3		2.2		2.2	0.7		0.7	0.7	
Q2	5.2		2.5		2.6	0.3		0.2	0.2	
Q3	0.5		1.8		1.6	0.1		-	-	
Q4	3.8		2.8		4.8	0.3		0.4	0.4	
2023 Q1	0.1		2.1		3.6	0.1		0.1	0.3	
Q2	1.0		1.9		-0.3	-		-	-	
Q3	2.4		0.8		0.3	-0.1		-0.1	-0.1	
Q4	-0.4		-		0.1	-0.3		-0.3	-0.3	
2024 Q1	1.0		1.4		1.5	0.7		0.7	0.7	
Q2	0.6		1.1		0.7	0.5		0.5	0.5	
Percentage change, latest quarter on corresponding quarter of previous year										
	KH76		IHYO		KGM2	IHYR		KGN3	KLH9	
2022 Q1	12.0		13.4		12.3	11.5		11.0	11.1	
Q2	11.7		10.0		9.6	4.3		3.8	3.8	
Q3	9.2		9.4		9.1	2.7		2.2	2.3	
Q4	9.3		9.5		11.7	1.5		1.3	1.3	
2023 Q1	9.8		9.4		13.3	0.9		0.7	0.9	
Q2	5.4		8.8		10.0	0.5		0.5	0.7	
Q3	7.4		7.7		8.6	0.3		0.4	0.6	
Q4	3.1		4.9		3.7	-0.3		-0.3	-0.2	
2024 Q1	4.1		4.1		1.6	0.3		0.2	0.3	
Q2	3.7		3.3		2.6	0.7		0.7	0.8	

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.

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

2022 = 100

	Production						Service industries						Gross value added ⁴	Gross value added excluding oil & gas
	Agri-culture, forestry, and fishing	Mining & quarrying inc oil & gas extract	Manu-facturing	Electric, gas, steam & air	Water supply, sewerage	Total	Constru-ction	Distri-bution, hotels & restaura-nts	Trans-port storage and commu-nications	Business services and finance	Govern-ment and other services	Total		
2022 Weights³	7	18	90	11	12	131	61	130	98	351	222	800	1000	984
	L2KL	L2KR	L2KX	L2MW	L2N2	L2KQ	L2N8	L2PZ	KI8M	KI8O	KI8Q	L2NC	CGCE	KLH7
2021	95.5	103.5	108.0	108.6	100.4	106.8	93.2	94.3	88.4	96.7	93.7	94.4	95.8	95.7
2022	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
2023	100.2	87.2	100.7	103.7	97.1	98.8	102.5	98.4	98.2	101.0	101.6	100.4	100.3	100.5
Seasonally adjusted														
2022 Q1	98.9	101.9	102.2	95.4	101.2	101.5	97.3	100.9	99.7	99.0	99.8	99.7	99.8	99.7
Q2	100.5	103.1	100.4	99.5	101.2	100.7	99.3	100.6	99.8	100.0	99.4	99.9	100.0	99.9
Q3	100.4	100.1	98.5	101.1	99.1	98.9	100.5	98.8	100.5	100.3	100.2	100.0	99.9	100.0
Q4	100.3	94.9	98.9	104.0	98.5	98.9	102.9	99.7	99.9	100.7	100.5	100.4	100.3	100.4
2023 Q1	99.9	87.7	99.7	106.5	99.2	98.6	101.9	98.7	99.4	101.5	101.0	100.7	100.4	100.7
Q2	100.0	87.7	101.4	102.7	97.4	99.3	102.6	98.6	99.0	101.1	101.3	100.5	100.4	100.6
Q3	100.4	87.9	101.5	104.4	96.2	99.4	103.0	98.3	97.3	100.7	102.1	100.3	100.3	100.5
Q4	100.6	85.3	100.2	101.3	95.7	97.9	102.6	97.9	97.2	100.6	102.1	100.2	100.0	100.2
2024 Q1	100.2	83.5	100.9	102.7	93.4	98.0	101.9	98.3	99.0	101.5	103.0	101.1	100.7	101.0
Q2	100.6	83.1	100.2	103.0	95.3	97.7	101.7	98.4	101.5	102.0	103.3	101.7	101.1	101.4
Percentage change, latest year on previous year														
	L3BB	L3BH	L3BN	L3DM	L3DQ	L3BG	L3DW	L3GP	KI8L	KI8N	KI8P	L3E2	KGM7	KLH8
2021	0.7	-17.3	3.8	-25.0	5.6	-0.7	11.9	14.0	8.7	4.7	16.5	10.0	8.6	8.8
2022	4.7	-3.3	-7.4	-7.9	-0.4	-6.4	7.3	6.0	13.1	3.4	6.7	5.9	4.4	4.5
2023	0.2	-12.8	0.7	3.7	-2.9	-1.2	2.5	-1.6	-1.8	1.0	1.6	0.4	0.3	0.5
Percentage change, latest quarter on previous quarter														
													KGM9	
2022 Q1	5.7	0.3	-2.8	3.5	-0.4	-1.9	3.0	0.6	5.1	0.5	-0.2	0.8	0.7	0.7
Q2	1.6	1.2	-1.7	4.3	-	-0.8	2.1	-0.3	0.1	1.0	-0.4	0.2	0.2	0.2
Q3	-0.1	-2.9	-1.9	1.6	-2.1	-1.7	1.2	-1.8	0.7	0.3	0.8	0.1	-	-
Q4	-0.1	-5.2	0.4	2.9	-0.6	-0.1	2.4	0.9	-0.6	0.4	0.3	0.3	0.4	0.4
2023 Q1	-0.3	-7.6	0.9	2.3	0.6	-0.3	-1.0	-0.9	-0.6	0.8	0.5	0.3	0.1	0.3
Q2	0.1	-	1.7	-3.6	-1.7	0.7	0.7	-0.1	-0.4	-0.4	0.3	-0.2	-	-
Q3	0.4	0.2	0.1	1.7	-1.3	0.1	0.5	-0.3	-1.7	-0.4	0.8	-0.2	-0.1	-0.1
Q4	0.2	-2.9	-1.2	-3.0	-0.6	-1.5	-0.4	-0.4	-0.1	-	-	-0.1	-0.3	-0.3
2024 Q1	-0.4	-2.2	0.7	1.3	-2.4	0.1	-0.7	0.5	1.8	0.8	0.9	0.9	0.7	0.7
Q2	0.4	-0.5	-0.7	0.3	2.1	-0.3	-0.2	0.1	2.5	0.5	0.3	0.6	0.5	0.5
Percentage change, latest quarter on corresponding quarter of previous year														
	L3ZZ	L427	L42D	L44C	L44G	L426	L44M	L47F	KII2	KIH9	KIH8	L44Q	KGN3	KLH9
2022 Q1	1.6	-8.9	-7.2	-25.4	1.7	-7.9	6.2	28.6	22.2	4.3	21.1	14.8	11.0	11.1
Q2	3.9	9.6	-8.4	-15.3	0.9	-7.0	5.2	3.7	15.7	3.8	4.8	5.4	3.8	3.8
Q3	6.1	-5.9	-8.0	4.4	-1.3	-6.1	8.7	-2.6	10.8	3.5	2.7	3.0	2.2	2.3
Q4	7.1	-6.5	-5.9	12.9	-3.0	-4.4	8.9	-0.7	5.3	2.2	0.5	1.5	1.3	1.3
2023 Q1	1.0	-13.9	-2.4	11.6	-2.0	-2.9	4.7	-2.2	-0.4	2.5	1.2	1.0	0.7	0.9
Q2	-0.5	-14.9	1.0	3.2	-3.7	-1.4	3.3	-2.0	-0.9	1.1	1.9	0.6	0.5	0.7
Q3	-	-12.2	3.0	3.3	-2.9	0.5	2.5	-0.5	-3.2	0.4	1.9	0.2	0.4	0.6
Q4	0.3	-10.1	1.3	-2.6	-2.9	-1.0	-0.3	-1.8	-2.7	-0.1	1.6	-0.2	-0.3	-0.2
2024 Q1	0.3	-4.8	1.2	-3.6	-5.8	-0.6	0.1	-0.4	-0.4	-	2.0	0.4	0.2	0.3
Q2	0.6	-5.3	-1.1	0.4	-2.2	-1.6	-0.8	-0.2	2.6	0.9	2.0	1.2	0.7	0.8

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

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

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

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

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

2022 = 100

Service industries											
	Wholesale and retail trade	Transport storage and communications	Accommodation & food services	Financial and insurance activities	Real estate	Professional scientific admin & support	Public admin, defence, social security	Education	Health and social work	Other services ⁴	Total services
2022 Weights³	101	98	29	88	129	133	50	60	81	30	800
	L2NE	KI8M	L2NQ	L2O6	L2OC	L2OH	L2P8	L2PA	L2PC	L2Q5	L2NC
2021	97.9	88.4	81.5	101.7	99.1	91.3	94.6	91.0	96.2	91.1	94.4
2022	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2023	99.2	98.2	95.4	99.5	100.2	102.7	101.3	103.0	100.5	102.4	100.4
Seasonally adjusted											
2022 Q1	100.9	99.7	101.2	101.5	99.3	97.2	98.1	97.9	102.3	99.7	99.7
Q2	100.0	99.8	102.8	100.7	100.0	99.5	99.3	99.9	99.0	99.8	99.9
Q3	98.9	100.5	98.3	99.6	100.3	100.7	101.3	101.0	99.1	100.1	100.0
Q4	100.2	99.9	97.7	98.2	100.3	102.7	101.3	101.2	99.6	100.4	100.4
2023 Q1	99.4	99.4	96.6	101.2	100.3	102.9	100.5	102.4	99.7	102.3	100.7
Q2	99.4	99.0	96.1	100.0	100.2	102.6	100.8	102.5	100.3	102.3	100.5
Q3	99.4	97.3	94.4	98.4	100.0	102.8	101.5	103.8	101.0	102.8	100.3
Q4	98.8	97.2	94.6	98.2	100.3	102.6	102.5	103.1	101.0	102.3	100.2
2024 Q1	99.3	99.0	95.1	98.9	100.7	104.0	102.5	104.1	102.5	103.0	101.1
Q2	99.1	101.5	96.1	98.4	101.0	105.3	103.2	104.5	102.6	103.2	101.7
Percentage change, latest year on previous year											
	L3E4	KI8L	L3EG	L3EU	L3F2	L3F7	L3FW	L3FY	L3G2	L3GT	L3E2
2021	11.3	8.7	27.9	3.7	1.7	8.6	4.0	17.4	25.1	12.4	10.0
2022	2.1	13.1	22.6	-1.6	0.9	9.5	5.7	9.8	3.9	9.8	5.9
2023	-0.8	-1.8	-4.6	-0.5	0.2	2.7	1.3	3.0	0.5	2.4	0.4
Percentage change, latest quarter on previous quarter											
2022 Q1	-0.6	5.1	4.7	-0.6	0.1	1.7	2.1	2.1	-2.7	-1.1	0.8
Q2	-0.9	0.1	1.7	-0.8	0.7	2.4	1.2	2.0	-3.2	-	0.2
Q3	-1.0	0.7	-4.4	-1.1	0.3	1.2	1.9	1.2	0.1	0.3	0.1
Q4	1.3	-0.6	-0.6	-1.5	-	2.0	-	0.1	0.5	0.4	0.3
2023 Q1	-0.8	-0.6	-1.2	3.0	-	0.3	-0.8	1.3	0.2	1.9	0.3
Q2	-	-0.4	-0.5	-1.1	-0.1	-0.3	0.3	-	0.6	-	-0.2
Q3	0.1	-1.7	-1.7	-1.6	-0.2	0.1	0.7	1.3	0.7	0.4	-0.2
Q4	-0.6	-0.1	0.2	-0.2	0.3	-0.2	1.0	-0.7	-	-0.5	-0.1
2024 Q1	0.5	1.8	0.5	0.7	0.4	1.4	-	0.9	1.4	0.7	0.9
Q2	-0.1	2.5	1.0	-0.5	0.3	1.3	0.7	0.4	0.1	0.2	0.6
Percentage change, latest quarter on corresponding quarter of the previous year											
	L44S	KI12	L456	L45K	L45Q	L45V	L46M	L46O	L46Q	L47J	L44Q
2022 Q1	15.0	22.2	125.7	-0.9	0.3	12.2	5.6	28.6	24.5	24.9	14.8
Q2	-1.3	15.7	25.7	-0.9	0.9	10.1	5.4	4.4	2.9	10.8	5.4
Q3	-2.3	10.8	-4.5	-0.8	1.3	8.6	6.2	4.8	-2.3	7.0	3.0
Q4	-1.3	5.3	1.2	-3.9	1.1	7.5	5.4	5.5	-5.2	-0.5	1.5
2023 Q1	-1.5	-0.4	-4.5	-0.3	1.0	5.9	2.4	4.6	-2.5	2.6	1.0
Q2	-0.6	-0.9	-6.6	-0.7	0.2	3.2	1.5	2.6	1.3	2.5	0.6
Q3	0.5	-3.2	-3.9	-1.2	-0.3	2.1	0.3	2.8	1.9	2.7	0.2
Q4	-1.4	-2.7	-3.2	0.1	-	-0.1	1.2	2.0	1.4	1.8	-0.2
2024 Q1	-0.1	-0.4	-1.6	-2.2	0.3	1.0	2.0	1.6	2.7	0.6	0.4
Q2	-0.2	2.6	-	-1.6	0.7	2.6	2.4	2.0	2.3	0.8	1.2

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

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

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

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

C1 Gross domestic product: expenditure at current market prices¹

£ million

National expenditure on goods and services at market prices															
Final consumption expenditure							Gross capital formation							Statistical discrepancy (expenditure)	Gross domestic product at market prices
Households	Non-profit institutions ^{2,7}	General government	Gross fixed capital formation	Of which business investment ³	Of which changes in inventories ⁴	Of which alignment adjustments	Acquisitions less disposals of valuables ⁵	Total	Total exports	Gross final expenditure	less imports	Total	Trade balance ⁶		
ABJQ	HAYE	NMRP	NPQS	NPEK	CAEX	DMUN	NPJQ	YBIL	IKBH	ABMF	IKBI	IKBJ	GIXM	YBHA	
2021	1 319 323	50 490	508 719	404 942	215 480	-870	-	7 915	2 290 519	666 886	2 957 405	672 005	-5 119	-	2 285 400
2022	1 534 744	56 356	526 249	451 091	239 369	22 474	-	-20 371	2 570 543	848 051	3 418 594	892 166	-44 115	-	2 526 428
2023	1 648 904	60 984	558 426	477 815	257 111	4 729	-	-15 587	2 735 271	861 234	3 596 505	876 290	-15 056	-186	2 720 029
Seasonally adjusted															
2022 Q1	363 267	13 359	132 844	109 188	57 907	10 968	341	8 079	637 705	182 582	820 287	209 941	-27 359	-	610 346
Q2	382 138	14 001	128 469	112 001	59 826	9 112	2 766	1 952	647 673	201 997	849 670	224 203	-22 206	-	625 467
Q3	388 416	14 310	132 380	114 625	60 839	2 440	-1 409	-12 507	639 664	228 504	868 168	231 615	-3 111	-	636 553
Q4	400 923	14 686	132 556	115 277	60 797	-46	-1 698	-17 895	645 501	234 968	880 469	226 407	8 561	-	654 062
2023 Q1	407 697	14 857	134 056	119 833	64 528	2 009	982	-5 922	672 530	218 552	891 082	222 405	-3 853	-738	667 939
Q2	414 209	15 122	139 954	119 452	64 991	878	1 170	-3 864	685 751	216 826	902 577	221 480	-4 654	-605	680 492
Q3	412 551	15 402	141 095	118 526	63 419	2 077	-2 668	-1 349	688 302	211 054	899 356	213 822	-2 768	135	685 669
Q4	414 447	15 603	143 321	120 004	64 173	-235	516	-4 452	688 688	214 802	903 490	218 583	-3 781	1 022	685 929
2024 Q1	420 282	15 770	143 860	121 666	64 523	-2 788	-2 659	-2 343	696 447	213 140	909 587	215 099	-1 959	1 039	695 527
Q2	422 410	16 026	147 375	123 005	66 307	1 805	2 469	7 134	717 755	214 216	931 971	230 129	-15 913	1 051	702 893
Percentage change, latest year on previous year															
2021	KG77	KGZ8	KH2C	KG6O	KG6N			KGX3	KH2O	KG7V	KH3H			IHYM	
2021	9.9	10.0	6.9	9.9	4.1			9.5	6.9	8.9	9.7			8.6	
2022	16.3	11.6	3.4	11.4	11.1			12.2	27.2	15.6	32.8			10.5	
2023	7.4	8.2	6.1	5.9	7.4			6.4	1.6	5.2	-1.8			7.7	
Percentage change, latest quarter on previous quarter															
2022 Q1	KG78	KGZ9	KH2D	KG6W	KG6V			KGX4	KH2P	KG78	KH3I			IHYN	
Q2	3.0	1.8	4.2	3.5	1.6			6.9	-1.3	5.0	14.0			2.2	
Q3	5.2	4.8	-3.3	2.6	3.3			1.6	10.6	3.6	6.8			2.5	
Q4	1.6	2.2	3.0	2.3	1.7			-1.2	13.1	2.2	3.3			1.8	
2023 Q1	3.2	2.6	0.1	0.6	-0.1			0.9	2.8	1.4	-2.2			2.8	
2023 Q2	1.7	1.2	1.1	4.0	6.1			4.2	-7.0	1.2	-1.8			2.1	
Q3	1.6	1.8	4.4	-0.3	0.7			2.0	-0.8	1.3	-0.4			1.9	
Q4	-0.4	1.9	0.8	-0.8	-2.4			0.4	-2.7	-0.4	-3.5			0.8	
2024 Q1	0.5	1.3	1.6	1.2	1.2			0.1	1.8	0.5	2.2			-	
2024 Q2	1.4	1.1	0.4	1.4	0.5			1.1	-0.8	0.7	-1.6			1.4	
Q3	0.5	1.6	2.4	1.1	2.8			3.1	0.5	2.5	7.0			1.1	
Percentage change, latest quarter on corresponding quarter of previous year															
2022 Q1	KG79	KH22	KH2E	KG76	KG75			KGX5	KH2Q	KG79	KH3J			IHYO	
Q2	23.8	13.2	3.1	14.6	17.1			18.3	17.7	18.2	34.6			13.4	
Q3	16.1	10.8	1.9	13.0	14.5			15.3	21.1	16.7	40.3			10.0	
Q4	12.9	10.7	4.8	9.2	7.1			7.7	42.8	15.2	34.7			9.4	
2023 Q1	13.7	11.9	4.0	9.2	6.7			8.2	27.0	12.7	22.9			9.5	
2023 Q2	12.2	11.2	0.9	9.7	11.4			5.5	19.7	8.6	5.9			9.4	
Q3	8.4	8.0	8.9	6.7	8.6			5.9	7.3	6.2	-1.2			8.8	
Q4	6.2	7.6	6.6	3.4	4.2			7.6	-7.6	3.6	-7.7			7.7	
2024 Q1	3.4	6.2	8.1	4.1	5.6			6.7	-8.6	2.6	-3.5			4.9	
2024 Q2	3.1	6.1	7.3	1.5	-			3.6	-2.5	2.1	-3.3			4.1	
Q3	2.0	6.0	5.3	3.0	2.0			4.7	-1.2	3.3	3.9			3.3	

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

2 Non-profit institutions serving households.

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

4 Quarterly alignment adjustment included in this series.

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

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

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

Reference year 2022, £ million

National expenditure on goods and services at market prices															
Final consumption expenditure							Gross capital formation							Statistical discrepancy (expenditure)	Gross domestic product at market prices
Households	Non-profit institutions ^{2,7}	General government	Gross fixed capital formation	Of which business investment ³	Changes in inventories ⁴	Of which alignment adjustment	Acquisitions less disposals of valuables ⁵	Total	Total exports	Gross final expenditure	less imports	Total balance ⁶			
ABJR	HAYO	NMRY	NPQT	NPEL	CAFU	DMUM	NPJR	YBIM	IKBK	ABMG	IKBL	IKBM	GIXS	ABMI	
2021	1 430 751	50 644	522 891	429 120	225 991	3 918	–	9 338	2 448 643	753 369	3 204 240	789 644	–36 275	–	2 409 815
2022	1 534 744	56 356	526 249	451 091	239 370	22 474	–	–20 371	2 570 543	848 051	3 418 594	892 166	–44 115	–	2 526 428
2023	1 543 151	58 744	529 560	450 779	245 951	930	–	–15 775	2 567 389	829 769	3 397 158	861 942	–32 173	–199	2 535 017
Seasonally adjusted															
2022 Q1	377 996	13 383	133 926	113 041	58 903	12 240	334	5 943	661 456	191 621	854 056	225 154	–33 533	–	629 149
Q2	384 420	14 137	129 626	112 982	60 332	11 357	2 765	2 106	652 058	205 098	857 515	226 514	–21 416	–	631 258
Q3	385 045	14 293	131 628	113 281	60 887	–1 207	–	–12 247	627 773	224 767	851 826	219 547	5 220	–	631 977
Q4	387 283	14 543	131 069	111 787	59 248	84	–1 671	–16 173	629 256	226 565	855 197	220 951	5 614	–	634 044
2023 Q1	385 858	14 704	130 172	114 830	62 482	2 134	917	–6 047	641 651	209 161	850 812	215 499	–6 338	–701	634 612
Q2	387 618	14 591	132 436	113 009	62 152	519	1 082	–3 759	644 414	209 221	853 635	218 447	–9 226	–564	634 624
Q3	384 917	14 763	133 607	111 099	60 296	–1 733	–2 472	–1 277	641 376	205 579	846 955	213 124	–7 545	125	633 956
Q4	384 758	14 686	133 345	111 841	61 021	10	473	–4 692	639 948	205 808	845 756	214 872	–9 064	941	631 825
2024 Q1	387 026	14 800	133 714	113 179	61 370	–2 667	–2 434	–2 293	643 759	203 756	847 515	212 243	–8 487	950	636 222
Q2	387 700	14 597	135 192	113 833	62 250	2 015	2 244	7 304	660 641	203 209	863 850	225 711	–22 502	956	639 095
Percentage change, latest year on previous year															
2021	KGZ5	KH26	KH2I	KG7N	KG7M			KGX9	KH2U	KGW5	KH3N				IHYP
2021	7.0	13.4	14.3	7.6	1.8			9.4	3.2	8.0	5.8				8.6
2022	7.3	11.3	0.6	5.1	5.9			5.0	12.6	6.7	13.0				4.8
2023	0.5	4.2	0.6	–0.1	2.7			–0.1	–2.2	–0.6	–3.4				0.3
Percentage change, latest quarter on previous quarter															
2022 Q1	KGZ6	KH27	KH2J	KG7Q	KG7P			KGY2	KH2V	KGW6	KH3O				IHYQ
Q1	1.3	1.2	–0.1	3.9	3.0			5.2	–5.0	2.8	9.9				0.7
Q2	1.7	5.6	–3.2	–0.1	2.4			–1.4	7.0	0.4	0.6				0.3
Q3	0.2	1.1	1.5	0.3	0.9			–3.7	9.6	–0.7	–3.1				0.1
Q4	0.6	1.7	–0.4	–1.3	–2.7			0.2	0.8	0.4	0.6				0.3
2023 Q1	–0.4	1.1	–0.7	2.7	5.5			2.0	–7.7	–0.5	–2.5				0.1
Q2	0.5	–0.8	1.7	–1.6	–0.5			0.4	–	0.3	1.4				–
Q3	–0.7	1.2	0.9	–1.7	–3.0			–0.5	–1.7	–0.8	–2.4				–0.1
Q4	–	–0.5	–0.2	0.7	1.2			–0.2	0.1	–0.1	0.8				–0.3
2024 Q1	0.6	0.8	0.3	1.2	0.6			0.6	–1.0	0.2	–1.2				0.7
Q2	0.2	–1.4	1.1	0.6	1.4			2.6	–0.3	1.9	6.3				0.5
Percentage change, latest quarter on corresponding quarter of previous year															
2022 Q1	KGZ7	KH28	KH2K	KG7T	KG7S			KGY3	KH2W	KGW7	KH3P				IHYR
Q1	16.6	19.9	8.8	9.2	9.4			14.8	7.2	13.1	18.3				11.5
Q2	6.4	8.5	–2.4	4.0	4.0			7.1	7.3	7.1	17.1				4.3
Q3	3.5	8.0	–1.0	4.7	6.8			–1.1	23.7	4.2	9.2				2.7
Q4	3.8	10.0	–2.2	2.7	3.6			0.1	12.3	3.0	7.8				1.5
2023 Q1	2.1	9.9	–2.8	1.6	6.1			–3.0	9.2	–0.4	–4.3				0.9
Q2	0.8	3.2	2.2	–	3.0			–1.2	2.0	–0.5	–3.6				0.5
Q3	–	3.3	1.5	–1.9	–1.0			2.2	–8.5	–0.6	–2.9				0.3
Q4	–0.7	1.0	1.7	–	3.0			1.7	–9.2	–1.1	–2.8				–0.3
2024 Q1	0.3	0.7	2.7	–1.4	–1.8			0.3	–2.6	–0.4	–1.5				0.3
Q2	–	–	2.1	0.7	0.2			2.5	–2.9	1.2	3.3				0.7

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. corrected when revisions policy allows. The latest figures can be found in the UK Economic Accounts dataset.

D Gross domestic product by category of income: current prices¹

£ million

	Compen- sation of employees		Gross operating surplus of corporations							Taxes on production less subsidies				Statistical discrepancy (income)	Gross domestic product at market prices
	Wages and Salaries	Employers social contribu- tions	Private non-fina- cial corporat- ions ²	Of which align- ment adjust- ment	Financial corporat- ions	Public corporat- ions	Total ³	Other income ⁴	Gross value added at factor cost	Taxes	less Subsidies	Total			
	DTWL	DTWP	DTWM	CAER	DMUQ	NHCZ	CAEQ	CGBZ	CGBX	CGCB	NTAB	AAXW	CMVL	GIXQ	YBHA
2021	948 558	206 065	1 154 623	394 238	-	94 671	12 806 501	715 418 029	2 418 029	2 074 367	283 959	72 926	211 033	-	2 285 400
2022	1 018 695	224 889	1 243 584	425 782	-	105 471	13 999 545	252 455 127	2 243 963	324 916	82 584	42 451	282 465	-	2 526 428
2023	1 109 086	234 739	1 343 825	466 173	-	107 234	14 688 588	095 504 896	2 436 816	337 599	55 104	282 495	718	2 720 029	
Seasonally adjusted															
2022 Q1	247 586	54 310	301 896	100 754	-2 810	25 149	2 845 128	748 109 438	540 082	78 676	8 412	70 264	-	610 346	
Q2	251 547	56 362	307 909	104 264	2 789	25 862	3 601 133	727 111 511	553 147	80 345	8 025	72 320	-	625 467	
Q3	256 180	57 300	313 480	104 496	-2 969	26 471	3 639 134	606 113 940	562 026	82 584	8 057	74 527	-	636 553	
Q4	263 382	56 917	320 299	116 268	2 990	27 989	3 914 148	171 120 238	588 708	83 311	17 957	65 354	-	654 062	
2023 Q1	271 321	57 260	328 581	123 717	2 139	28 498	3 697 155	912 124 485	608 978	83 404	25 359	58 045	916	667 939	
Q2	277 242	58 568	335 810	115 391	-137	27 440	3 584 146	415 125 169	607 394	84 766	12 390	72 376	722	680 492	
Q3	279 981	58 217	338 198	114 844	-1 115	25 535	3 653 144	032 127 604	609 834	84 540	8 557	75 983	-148	685 669	
Q4	280 542	60 694	341 236	112 221	-887	25 761	3 754 141	736 127 638	610 610	84 889	8 798	76 091	-772	685 929	
2024 Q1	283 598	61 915	345 513	113 830	-2 109	25 192	4 256 143	278 131 425	620 216	85 380	9 283	76 097	-786	695 527	
Q2	287 663	60 984	348 647	115 941	241	25 431	3 915 145	287 131 692	625 626	87 013	8 949	78 064	-797	702 893	
Percentage change, latest year on previous year															
	CWNH	CWNE	KGI3	KH59		KH5L	KH53	KH4V	KH6T	KH6N	JJDC	JJDU	KH65		IHYM
2021	6.3	2.9	5.6	2.4		16.0	5.9	4.8	4.9	5.3	11.6	-39.9	58.5		8.6
2022	7.4	9.1	7.7	8.0		11.4	9.3	8.7	8.9	8.2	14.4	-41.8	33.8		10.5
2023	8.9	4.4	8.1	9.5		1.7	4.9	7.9	10.9	8.6	3.9	29.8	-		7.7
Percentage change, latest quarter on previous quarter															
	CWNI	CWNF	KGI4	KH5A		KH5M	KH54	KH4W	KH6U	KH6O	JJDH	JJZD	KH66		IHYN
2022 Q1	2.2	5.2	2.7	-0.4		2.2	-8.9	-0.1	3.3	2.2	3.0	5.1	2.7		2.2
Q2	1.6	3.8	2.0	3.5		2.8	26.6	3.9	1.9	2.4	2.1	-4.6	2.9		2.5
Q3	1.8	1.7	1.8	0.2		2.4	1.1	0.7	2.2	1.6	2.8	0.4	3.1		1.8
Q4	2.8	-0.7	2.2	11.3		5.7	7.6	10.1	5.5	4.7	0.9	122.9	-12.3		2.8
2023 Q1	3.0	0.6	2.6	6.4		1.8	-5.5	5.2	3.5	3.4	0.1	41.2	-11.2		2.1
Q2	2.2	2.3	2.2	-6.7		-3.7	-3.1	-6.1	0.5	-0.3	1.6	-51.1	24.7		1.9
Q3	1.0	-0.6	0.7	-0.5		-6.9	1.9	-1.6	1.9	0.4	-0.3	-30.9	5.0		0.8
Q4	0.2	4.3	0.9	-2.3		0.9	2.8	-1.6	-	0.1	0.4	2.8	0.1		-
2024 Q1	1.1	2.0	1.3	1.4		-2.2	13.4	1.1	3.0	1.6	0.6	5.5	-		1.4
Q2	1.4	-1.5	0.9	1.9		0.9	-8.0	1.4	0.2	0.9	1.9	-3.6	2.6		1.1
Percentage change, latest quarter on corresponding quarter of previous year															
	CWNJ	CWNG	KGI5	KH5B		KH5N	KH55	KH4X	KH6V	KH6P	JJDS	JJG4	KH67		IHYO
2022 Q1	7.8	6.2	7.5	8.4		14.5	-11.5	9.0	6.1	7.6	22.0	-70.5	95.5		13.4
Q2	6.0	10.0	6.7	3.7		5.6	6.7	4.1	6.9	6.1	15.0	-64.3	52.7		10.0
Q3	7.0	10.1	7.5	4.9		12.1	17.6	6.6	8.9	7.6	12.8	-42.0	25.6		9.4
Q4	8.7	10.2	9.0	14.9		13.8	25.3	15.0	13.5	11.4	9.0	124.4	-4.4		9.5
2023 Q1	9.6	5.4	8.8	22.8		13.3	29.9	21.1	13.7	12.8	6.0	201.5	-17.4		9.4
Q2	10.2	3.9	9.1	10.7		6.1	-0.5	9.5	12.2	9.8	5.5	54.4	0.1		8.8
Q3	9.3	1.6	7.9	9.9		-3.5	0.4	7.0	12.0	8.5	2.4	6.2	2.0		7.7
Q4	6.5	6.6	6.5	-3.5		-8.0	-4.1	-4.3	6.2	3.7	1.9	-51.0	16.4		4.9
2024 Q1	4.5	8.1	5.2	-8.0		-11.6	15.1	-8.1	5.6	1.8	2.4	-63.4	31.1		4.1
Q2	3.8	4.1	3.8	0.5		-7.3	9.2	-0.8	5.2	3.0	2.7	-27.8	7.9		3.3

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

2 Quarterly alignment adjustment included in this series.

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

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

E1 Household final consumption expenditure by purpose

Current prices

£ million

UK NATIONAL ²															
UK DOMESTIC ³															
COICOP ¹	Total	Net tourism	Total	Food & drink	Alcohol & tobacco	Clothing & footwear	Housing	Household goods & services	Health	Transport	Communication	Recreation & culture	Education	Restaurants & hotels	Miscellaneous
				01	02	03	04	05	06	07	08	09	10	11	12
	ABJQ	ABTF	ZAKV	ZWUM	ZAKX	ZAKZ	ZAVN	ZAVV	ZAWB	ZAWL	ZAWV	ZAWZ	ZWUS	ZAXR	ZAYF
2021	1 319 323	-110	1 319 433	117 207	49 654	62 254	366 725	74 991	27 338	145 908	28 877	131 914	32 435	122 168	159 962
2022	1 534 744	14 807	1 519 937	127 216	47 435	72 536	393 123	79 533	30 194	198 924	30 181	149 789	35 473	163 016	192 517
2023	1 648 904	26 441	1 622 463	142 749	48 893	78 849	419 982	79 089	33 809	206 768	30 516	153 421	38 194	173 532	216 661
Seasonally adjusted															
2022 Q1	363 267	1 879	361 388	29 620	11 742	17 615	93 529	20 184	7 431	46 512	7 790	36 696	8 526	37 495	44 248
Q2	382 138	4 583	377 555	30 817	11 810	17 800	98 272	19 716	7 390	49 316	7 657	37 132	8 751	41 843	47 051
Q3	388 416	4 117	384 299	32 643	11 937	18 275	99 311	19 882	7 427	50 286	7 574	37 888	8 970	41 269	48 837
Q4	400 923	4 228	396 695	34 136	11 946	18 846	102 011	19 751	7 946	52 810	7 160	38 073	9 226	42 409	52 381
2023 Q1	407 697	5 182	402 515	35 110	11 972	19 384	103 578	19 706	8 196	51 539	7 394	38 242	9 299	43 389	54 706
Q2	414 209	7 240	406 969	36 165	12 346	19 884	104 906	20 060	8 431	52 016	7 609	38 425	9 467	43 396	54 264
Q3	412 551	6 325	406 226	35 662	12 246	19 898	105 454	20 006	8 625	51 557	7 636	38 410	9 633	43 543	53 556
Q4	414 447	7 694	406 753	35 812	12 329	19 683	106 044	19 317	8 557	51 656	7 877	38 344	9 795	43 204	54 135
2024 Q1	420 282	8 328	411 954	36 305	12 602	19 631	108 442	19 332	8 681	50 583	7 946	38 930	9 956	43 930	55 616
Q2	422 410	7 603	414 807	36 226	12 660	19 721	109 332	19 390	8 784	52 444	7 960	39 079	10 113	44 293	54 805
Percentage change, latest year on previous year															
	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
2021	9.9		10.1	1.3	0.7	12.3	3.2	10.0	22.8	18.5	-2.3	12.4	8.1	38.8	11.2
2022	16.3		15.2	8.5	-4.5	16.5	7.2	6.1	10.4	36.3	4.5	13.6	9.4	33.4	20.4
2023	7.4		6.7	12.2	3.1	8.7	6.8	-0.6	12.0	3.9	1.1	2.4	7.7	6.5	12.5
Percentage change, latest quarter on previous quarter															
	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
2022 Q1	3.0		3.3	0.4	-2.5	5.0	1.0	4.0	0.3	6.2	4.3	4.8	1.9	7.1	3.9
Q2	5.2		4.5	4.0	0.6	1.1	5.1	-2.3	-0.6	6.0	-1.7	1.2	2.6	11.6	6.3
Q3	1.6		1.8	5.9	1.1	2.7	1.1	0.8	0.5	2.0	-1.1	2.0	2.5	-1.4	3.8
Q4	3.2		3.2	4.6	0.1	3.1	2.7	-0.7	7.0	5.0	-5.5	0.5	2.9	2.8	7.3
2023 Q1	1.7		1.5	2.9	0.2	2.9	1.5	-0.2	3.1	-2.4	3.3	0.4	0.8	2.3	4.4
Q2	1.6		1.1	3.0	3.1	2.6	1.3	1.8	2.9	0.9	2.9	0.5	1.8	-	-0.8
Q3	-0.4		-0.2	-1.4	-0.8	0.1	0.5	-0.3	2.3	-0.9	0.4	-	1.8	0.3	-1.3
Q4	0.5		0.1	0.4	0.7	-1.1	0.6	-3.4	-0.8	0.2	3.2	-0.2	1.7	-0.8	1.1
2024 Q1	1.4		1.3	1.4	2.2	-0.3	2.3	0.1	1.4	-2.1	0.9	1.5	1.6	1.7	2.7
Q2	0.5		0.7	-0.2	0.5	0.5	0.8	0.3	1.2	3.7	0.2	0.4	1.6	0.8	-1.5
Percentage change, latest quarter on corresponding quarter of previous year															
	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
2022 Q1	23.8		22.4	0.7	-8.5	34.1	2.8	17.4	22.4	63.3	12.0	22.6	8.6	134.7	21.0
Q2	16.1		14.2	5.5	-6.6	10.0	6.8	0.6	8.9	42.7	6.3	11.8	9.1	34.1	17.9
Q3	12.9		11.9	12.3	-1.6	13.0	9.0	5.9	4.9	28.7	4.5	12.1	9.5	3.2	19.4
Q4	13.7		13.3	15.7	-0.8	12.3	10.1	1.8	7.3	20.6	-4.1	8.8	10.2	21.2	22.9
2023 Q1	12.2		11.4	18.5	2.0	10.0	10.7	-2.4	10.3	10.8	-5.1	4.2	9.1	15.7	23.6
Q2	8.4		7.8	17.4	4.5	11.7	6.8	1.7	14.1	5.5	-0.6	3.5	8.2	3.7	15.3
Q3	6.2		5.7	9.2	2.6	8.9	6.2	0.6	16.1	2.5	0.8	1.4	7.4	5.5	9.7
Q4	3.4		2.5	4.9	3.2	4.4	4.0	-2.2	7.7	-2.2	10.0	0.7	6.2	1.9	3.3
2024 Q1	3.1		2.3	3.4	5.3	1.3	4.7	-1.9	5.9	-1.9	7.5	1.8	7.1	1.2	1.7
Q2	2.0		1.9	0.2	2.5	-0.8	4.2	-3.3	4.2	0.8	4.6	1.7	6.8	2.1	1.0

1 ESA 10 Classification of Individual Consumption by Purpose.

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

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

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

£ million

		UK NATIONAL ²							
		UK DOMESTIC ³							
				Goods					
		Total	Net tourism	Total	Total	Durable goods	Semi- durable goods	Non- durable goods	Services
COICOP ¹					D	SD	ND	S	
	ABJQ	ABTF	ZAKV	UTIF	UTIB	UTIR	UTIJ	UTIN	
2021	1 319 323	-110	1 319 433	562 310	128 985	125 910	307 415	757 123	
2022	1 534 744	14 807	1 519 937	633 450	144 942	143 105	345 403	886 487	
2023	1 648 904	26 441	1 622 463	662 592	142 832	150 131	369 629	959 871	
Seasonally adjusted									
2022 Q1	363 267	1 879	361 388	150 782	36 460	34 987	79 335	210 606	
Q2	382 138	4 583	377 555	157 143	36 171	35 313	85 659	220 412	
Q3	388 416	4 117	384 299	160 706	36 121	36 024	88 561	223 593	
Q4	400 923	4 228	396 695	164 819	36 190	36 781	91 848	231 876	
2023 Q1	407 697	5 182	402 515	166 253	36 274	36 753	93 226	236 262	
Q2	414 209	7 240	406 969	167 589	36 108	37 797	93 684	239 380	
Q3	412 551	6 325	406 226	165 360	35 588	38 056	91 716	240 866	
Q4	414 447	7 694	406 753	163 390	34 862	37 525	91 003	243 363	
2024 Q1	420 282	8 328	411 954	164 671	34 555	37 638	92 478	247 283	
Q2	422 410	7 603	414 807	163 485	34 930	37 535	91 020	251 322	
Percentage change, latest year on previous year									
	KG7		KG6U	KHC9	KHB5	KHH5	KHE5	KHF9	
2021	9.9		10.1	7.3	4.1	11.4	7.0	12.4	
2022	16.3		15.2	12.7	12.4	13.7	12.4	17.1	
2023	7.4		6.7	4.6	-1.5	4.9	7.0	8.3	
Percentage change, latest quarter on previous quarter									
	KG78		KG74	KHD2	KHB6	KHH6	KHE6	KHG2	
2022 Q1	3.0		3.3	2.5	4.2	5.1	0.7	3.8	
Q2	5.2		4.5	4.2	-0.8	0.9	8.0	4.7	
Q3	1.6		1.8	2.3	-0.1	2.0	3.4	1.4	
Q4	3.2		3.2	2.6	0.2	2.1	3.7	3.7	
2023 Q1	1.7		1.5	0.9	0.2	-0.1	1.5	1.9	
Q2	1.6		1.1	0.8	-0.5	2.8	0.5	1.3	
Q3	-0.4		-0.2	-1.3	-1.4	0.7	-2.1	0.6	
Q4	0.5		0.1	-1.2	-2.0	-1.4	-0.8	1.0	
2024 Q1	1.4		1.3	0.8	-0.9	0.3	1.6	1.6	
Q2	0.5		0.7	-0.7	1.1	-0.3	-1.6	1.6	
Percentage change, latest quarter on corresponding quarter of previous year									
	KG79		KG7C	KHD3	KHB7	KHH7	KHE7	KHG3	
2022 Q1	23.8		22.4	16.2	34.2	25.4	6.2	27.2	
Q2	16.1		14.2	9.0	7.2	8.2	10.1	18.2	
Q3	12.9		11.9	13.8	9.1	12.4	16.4	10.6	
Q4	13.7		13.3	12.0	3.4	10.5	16.6	14.3	
2023 Q1	12.2		11.4	10.3	-0.5	5.0	17.5	12.2	
Q2	8.4		7.8	6.6	-0.2	7.0	9.4	8.6	
Q3	6.2		5.7	2.9	-1.5	5.6	3.6	7.7	
Q4	3.4		2.5	-0.9	-3.7	2.0	-0.9	5.0	
2024 Q1	3.1		2.3	-1.0	-4.7	2.4	-0.8	4.7	
Q2	2.0		1.9	-2.4	-3.3	-0.7	-2.8	5.0	

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 2022, £ million

UK NATIONAL ²															
UK DOMESTIC ³															
COICOP ¹	Total	Net tourism	Total	Food & drink	Alcohol & tobacco	Clothing & footwear	Housing	Household goods & services	Health	Transport	Communication	Recreation & culture	Education	Restaurants & hotels	Miscellaneous
				01	02	03	04	05	06	07	08	09	10	11	12
	ABJR	ABTH	ZAKW	ZWUN	ZAKY	ZALA	ZAVO	ZAVW	ZAWC	ZAWM	ZAWW	ZAXA	ZWUT	ZAXS	ZAYG
2021	1 430 751	280	1 430 136	129 705	51 356	66 671	396 344	82 387	28 202	162 852	28 525	138 389	33 729	130 381	181 251
2022	1 534 744	14 807	1 519 937	127 216	47 435	72 536	393 123	79 533	30 194	198 924	30 181	149 789	35 473	163 016	192 517
2023	1 543 151	24 939	1 518 212	124 950	46 074	73 934	395 475	74 896	31 568	206 257	29 490	146 374	36 864	159 846	192 484
Seasonally adjusted															
2022 Q1	377 996	2 394	375 535	31 552	11 915	18 393	98 312	20 862	7 537	47 246	7 790	37 192	8 630	38 619	47 534
Q2	384 420	3 821	380 610	31 637	11 838	17 994	98 326	19 906	7 437	49 464	7 594	37 433	8 829	41 414	48 730
Q3	385 045	4 208	380 863	31 985	11 897	18 009	98 294	19 617	7 405	49 590	7 560	37 727	9 011	41 358	48 329
Q4	387 283	4 384	382 929	32 042	11 785	18 140	98 191	19 148	7 815	52 624	7 237	37 437	9 003	41 625	47 924
2023 Q1	385 858	4 610	381 248	31 772	11 717	18 630	98 322	18 756	7 846	51 621	7 327	37 225	9 091	40 757	48 184
Q2	387 618	6 500	381 118	31 556	11 668	18 691	98 646	18 877	7 930	51 914	7 253	36 664	9 252	40 192	48 475
Q3	384 917	6 325	378 592	30 865	11 370	18 482	98 882	18 940	7 976	51 566	7 343	36 386	9 356	39 777	47 649
Q4	384 758	7 504	377 254	30 757	11 319	18 131	99 625	18 323	7 816	51 156	7 567	36 099	9 165	39 120	48 176
2024 Q1	387 026	8 048	378 978	31 146	11 339	17 994	100 081	18 470	7 819	51 185	7 573	36 374	9 315	39 212	48 470
Q2	387 700	7 173	380 527	31 021	11 295	18 045	100 546	18 502	7 782	51 952	7 565	36 339	9 461	39 240	48 779
Percentage change, latest year on previous year															
2021	KGZ5		KG7O	KG9Y	KG6F	KGG4	KGH2	KGH8	KG19	KGJ7	KGK5	KGL3	KGB8	KGD4	KGE8
	7.0		7.1	1.0	-1.7	11.5	1.2	6.4	19.9	9.8	3.2	9.7	10.8	33.8	5.7
2022	7.3		6.3	-1.9	-7.6	8.8	-0.8	-3.5	7.1	22.2	5.8	8.2	5.2	25.0	6.2
2023	0.5		-0.1	-1.8	-2.9	1.9	0.6	-5.8	4.6	3.7	-2.3	-2.3	3.9	-1.9	-
Percentage change, latest quarter on previous quarter															
2022 Q1	KGZ6		KG7R	KGA3	KG6F	KGG5	KGH3	KGH9	KGJ2	KGJ8	KGK6	KGL4	KGB9	KGD5	KGE9
	1.3		1.5	-1.6	-2.4	6.4	0.2	0.8	-0.6	1.8	4.5	2.8	2.2	4.9	1.3
Q2	1.7		1.4	0.3	-0.6	-2.2	-	-4.6	-1.3	4.7	-2.5	0.6	2.3	7.2	2.5
Q3	0.2		0.1	1.1	0.5	0.1	-	-1.5	-0.4	0.3	-0.4	0.8	2.1	-0.1	-0.8
Q4	0.6		0.5	0.2	-0.9	0.7	-0.1	-2.4	5.5	6.1	-4.3	-0.8	-0.1	0.6	-0.8
2023 Q1	-0.4		-0.4	-0.8	-0.6	2.7	0.1	-2.0	0.4	-1.9	1.2	-0.6	1.0	-2.1	0.5
Q2	0.5		-	-0.7	-0.4	0.3	0.3	0.6	1.1	0.6	-1.0	-1.5	1.8	-1.4	0.6
Q3	-0.7		-0.7	-2.2	-2.6	-1.1	0.2	0.3	0.6	-0.7	1.2	-0.8	1.1	-1.0	-1.7
Q4	-		-0.4	-0.3	-0.4	-1.9	0.8	-3.3	-2.0	-0.8	3.1	-0.8	-2.0	-1.7	1.1
2024 Q1	0.6		0.5	1.3	0.2	-0.8	0.5	0.8	-	0.1	0.1	0.8	1.6	0.2	0.6
Q2	0.2		0.4	-0.4	-0.4	0.3	0.5	0.2	-0.5	1.5	-0.1	-0.1	1.6	0.1	0.6
Percentage change, latest quarter on corresponding quarter of previous year															
2022 Q1	KGZ7		KG7U	KGA6	KG6F	KGG6	KGH4	KG12	KGJ3	KGJ9	KGK7	KGL5	KGC2	KGD6	KG6F
	16.6		15.0	-3.8	-10.9	24.0	-1.6	7.6	18.5	40.6	15.2	17.0	4.5	125.9	13.8
Q2	6.4		4.9	-3.0	-10.5	3.2	-2.1	-8.7	6.1	23.8	6.9	6.6	4.6	22.6	6.9
Q3	3.5		2.6	-0.7	-5.2	5.2	0.4	-4.3	2.1	15.6	5.0	6.9	4.9	-3.1	2.9
Q4	3.8		3.5	-0.1	-3.5	5.0	0.1	-7.4	3.1	13.4	-3.0	3.4	6.6	13.1	2.1
2023 Q1	2.1		1.5	0.7	-1.7	1.3	-	-10.1	4.1	9.3	-5.9	0.1	5.3	5.5	1.4
Q2	0.8		0.1	-0.3	-1.4	3.9	0.3	-5.2	6.6	5.0	-4.5	-2.1	4.8	-3.0	-0.5
Q3	-		-0.6	-3.5	-4.4	2.6	0.6	-3.5	7.7	4.0	-2.9	-3.6	3.8	-3.8	-1.4
Q4	-0.7		-1.5	-4.0	-4.0	-	1.5	-4.3	-	-2.8	4.6	-3.6	1.8	-6.0	0.5
2024 Q1	0.3		-0.6	-2.0	-3.2	-3.4	1.8	-1.5	-0.3	-0.8	3.4	-2.3	2.5	-3.8	0.6
Q2	-		-0.2	-1.7	-3.2	-3.5	1.9	-2.0	-1.9	0.1	4.3	-0.9	2.3	-2.4	0.6

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 2022, £ million

		UK NATIONAL ²							
		UK DOMESTIC ³							
				Goods					
		Total	Net tourism	Total	Total	Durable goods	Semi- durable goods	Non- durable goods	Services
COICOP ¹					D	SD	ND	S	
		ABJR	ABTH	ZAKW	UTIH	UTID	UTIT	UTIL	UTIP
2021		1 430 751	280	1 430 136	627 231	138 037	134 487	355 755	804 388
2022		1 534 744	14 807	1 519 937	633 450	144 942	143 105	345 403	886 487
2023		1 543 151	24 939	1 518 212	622 556	140 511	142 701	339 344	895 656
Seasonally adjusted									
2022	Q1	377 996	2 394	375 535	158 844	36 409	36 008	86 414	216 693
	Q2	384 420	3 821	380 610	158 276	36 348	35 582	86 349	222 350
	Q3	385 045	4 208	380 863	158 000	36 037	35 724	86 245	222 853
	Q4	387 283	4 384	382 929	158 330	36 148	35 791	86 395	224 591
2023	Q1	385 858	4 610	381 248	156 921	35 483	35 645	85 793	224 327
	Q2	387 618	6 500	381 118	156 669	35 225	36 008	85 436	224 449
	Q3	384 917	6 325	378 592	154 950	35 061	35 885	84 004	223 642
	Q4	384 758	7 504	377 254	154 016	34 742	35 163	84 111	223 238
2024	Q1	387 026	8 048	378 978	154 419	34 671	35 111	84 637	224 559
	Q2	387 700	7 173	380 527	154 419	34 897	35 066	84 456	226 108
Percentage change, latest year on previous year									
2021		KGZ5		KG7O	KHD7	KHC3	KHI3	KHF3	KHG7
		7.0		7.1	3.9	-1.2	10.0	3.7	9.6
2022		7.3		6.3	1.0	5.0	6.4	-2.9	10.2
2023		0.5		-0.1	-1.7	-3.1	-0.3	-1.8	1.0
Percentage change, latest quarter on previous quarter									
2022	Q1	KGZ6		KG7R	KHD8	KHC4	KHI4	KHF4	KHG8
	Q2	1.3		1.5	0.4	0.9	4.1	-1.4	2.3
	Q3	1.7		1.4	-0.4	-0.2	-1.2	-0.1	2.6
	Q4	0.2		0.1	-0.2	-0.9	0.4	-0.1	0.2
	Q4	0.6		0.5	0.2	0.3	0.2	0.2	0.8
2023	Q1	-0.4		-0.4	-0.9	-1.8	-0.4	-0.7	-0.1
	Q2	0.5		-	-0.2	-0.7	1.0	-0.4	0.1
	Q3	-0.7		-0.7	-1.1	-0.5	-0.3	-1.7	-0.4
	Q4	-		-0.4	-0.6	-0.9	-2.0	0.1	-0.2
2024	Q1	0.6		0.5	0.3	-0.2	-0.1	0.6	0.6
	Q2	0.2		0.4	-	0.7	-0.1	-0.2	0.7
Percentage change, latest quarter on corresponding quarter of previous year									
2022	Q1	KGZ7		KG7U	KHD9	KHC5	KHI5	KHF5	KHG9
	Q2	16.6		15.0	6.1	18.7	16.8	-2.6	22.0
	Q3	6.4		4.9	-3.3	-1.3	1.4	-6.1	11.4
	Q4	3.5		2.6	1.5	4.6	5.2	-1.4	3.5
	Q4	3.8		3.5	0.1	0.2	3.5	-1.4	6.1
2023	Q1	2.1		1.5	-1.2	-2.5	-1.0	-0.7	3.5
	Q2	0.8		0.1	-1.0	-3.1	1.2	-1.1	0.9
	Q3	-		-0.6	-1.9	-2.7	0.5	-2.6	0.4
	Q4	-0.7		-1.5	-2.7	-3.9	-1.8	-2.6	-0.6
2024	Q1	0.3		-0.6	-1.6	-2.3	-1.5	-1.3	0.1
	Q2	-		-0.2	-1.4	-0.9	-2.6	-1.1	0.7

1 ESA 10 Classification of Individual Consumption by Purpose.

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

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

F1 Gross fixed capital formation by sector and type of asset

Current prices

£ million

	Analysis by sector								Analysis by asset						Total
	Public corporations ²				Private Sector				Transport equipment	ICT equipment and other machinery and equipment ³	Dwellings ⁴	Other buildings and structures ⁵	Intellectual Property Products		
	Business investment ¹	General government	Dwellings ⁴	Costs of transfer of ownership of non-produced assets	Dwellings ⁴	Costs of transfer of ownership of non-produced assets	Total								
2021	NPEK	RPZG	L62R	L62S	L62T	L62U	NPQS	TLPX	TLPW	GGAE	EQED	TLPK	NPQS		
2022	215 480	71 609	5 197	636	90 445	21 576	404 942	16 491	64 504	95 828	130 325	97 794	404 942		
2023	239 369	77 537	6 324	726	101 901	25 235	451 091	24 391	73 097	108 419	141 849	103 335	451 091		
	257 111	88 237	7 037	597	102 394	22 440	477 815	31 376	77 854	109 510	151 447	107 628	477 815		
Seasonally adjusted															
2022 Q1	57 907	19 154	1 497	176	24 283	6 172	109 188	5 369	18 472	25 865	34 666	24 816	109 188		
Q2	59 826	18 253	1 546	194	25 681	6 501	112 001	6 248	17 923	27 244	35 083	25 503	112 001		
Q3	60 839	19 320	1 628	188	26 150	6 500	114 625	6 128	18 466	27 802	35 958	26 271	114 625		
Q4	60 797	20 810	1 653	168	25 787	6 062	115 277	6 646	18 236	27 508	36 142	26 745	115 277		
2023 Q1	64 528	21 938	1 649	152	25 773	5 793	119 833	7 446	20 005	27 498	37 980	26 904	119 833		
Q2	64 991	21 376	1 703	149	25 647	5 586	119 452	8 320	19 409	27 352	37 496	26 876	119 452		
Q3	63 419	22 098	1 811	150	25 485	5 564	118 526	7 690	19 030	27 296	37 472	27 038	118 526		
Q4	64 173	22 825	1 874	146	25 489	5 497	120 004	7 920	19 410	27 364	38 499	26 810	120 004		
2024 Q1	64 523	22 926	2 008	146	26 422	5 641	121 666	7 901	20 043	28 469	38 952	26 301	121 666		
Q2	66 307	22 812	1 801	156	26 192	5 737	123 005	8 681	19 131	28 016	40 018	27 159	123 005		
Percentage change, latest year on previous year															
2021	KG6N	KH7N	L64E	L64H	L64K	L64N	KG6O	KG6T	KG6S	KH7X	KH7W	KG6R	KG6O		
2022	4.1	8.4	21.3	27.5	24.1	23.3	9.9	-14.4	10.5	23.8	8.4	5.1	9.9		
2023	11.1	8.3	21.7	14.2	12.7	17.0	11.4	47.9	13.3	13.1	8.8	5.7	11.4		
2023	7.4	13.8	11.3	-17.8	0.5	-11.1	5.9	28.6	6.5	1.0	6.8	4.2	5.9		
Percentage change, latest quarter on previous quarter															
2022 Q1	KG6V	KH7P	L64F	L64I	L64L	L64O	KG6W	KG73	KG72	KH83	KH82	KG6Z	KG6W		
Q2	1.6	5.5	6.2	0.6	5.8	5.7	3.5	8.3	12.4	6.0	1.2	-2.6	3.5		
Q3	3.3	-4.7	3.3	10.2	5.8	5.3	2.6	16.4	-3.0	5.3	1.2	2.8	2.6		
Q4	1.7	5.8	5.3	-3.1	1.8	-	2.3	-1.9	3.0	2.0	2.5	3.0	2.3		
2023 Q1	-0.1	7.7	1.5	-10.6	-1.4	-6.7	0.6	8.5	-1.2	-1.1	0.5	1.8	0.6		
2023 Q2	6.1	5.4	-0.2	-9.5	-0.1	-4.4	4.0	12.0	9.7	-	5.1	0.6	4.0		
Q3	0.7	-2.6	3.3	-2.0	-0.5	-3.6	-0.3	11.7	-3.0	-0.5	-1.3	-0.1	-0.3		
Q4	-2.4	3.4	6.3	0.7	-0.6	-0.4	-0.8	-7.6	-2.0	-0.2	-0.1	0.6	-0.8		
2024 Q1	1.2	3.3	3.5	-2.7	-	-1.2	1.2	3.0	2.0	0.2	2.7	-0.8	1.2		
2024 Q2	0.5	0.4	7.2	-	3.7	2.6	1.4	-0.2	3.3	4.0	1.2	-1.9	1.4		
Q2	2.8	-0.5	-10.3	6.8	-0.9	1.7	1.1	9.9	-4.6	-1.6	2.7	3.3	1.1		
Percentage change, latest quarter on corresponding quarter of previous year															
2022 Q1	KG75	KH7R	L64G	L64J	L64M	L64P	KG76	KG7B	KG7A	KH87	KH86	KG79	KG76		
Q2	17.1	11.8	28.6	20.5	8.3	24.3	14.6	54.6	20.9	9.4	14.3	10.0	14.6		
Q3	14.5	1.6	20.1	24.4	15.6	23.4	13.0	70.0	15.3	15.8	9.7	4.5	13.0		
Q4	7.1	5.4	21.9	18.2	14.3	18.1	9.2	39.8	7.0	14.7	6.5	3.7	9.2		
2023 Q1	6.7	14.6	17.2	-4.0	12.4	3.8	9.2	34.0	11.0	12.7	5.5	4.9	9.2		
2023 Q2	11.4	14.5	10.2	-13.6	6.1	-6.1	9.7	38.7	8.3	6.3	9.6	8.4	9.7		
Q3	8.6	17.1	10.2	-23.2	-0.1	-14.1	6.7	33.2	8.3	0.4	6.9	5.4	6.7		
Q4	4.2	14.4	11.2	-20.2	-2.5	-14.4	3.4	25.5	3.1	-1.8	4.2	2.9	3.4		
2024 Q1	5.6	9.7	13.4	-13.1	-1.2	-9.3	4.1	19.2	6.4	-0.5	6.5	0.2	4.1		
2024 Q2	-	4.5	21.8	-3.9	2.5	-2.6	1.5	6.1	0.2	3.5	2.6	-2.2	1.5		
Q2	2.0	6.7	5.8	4.7	2.1	2.7	3.0	4.3	-1.4	2.4	6.7	1.1	3.0		

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 2022, £ million

	Analysis by sector								Analysis by asset						Total
	Public corporations ²				Private Sector				Transport equipment	ICT equipment and other machinery and equipment ³	Dwellings ⁴	Other buildings and structures ⁵	Intellectual Property Products		
	Business investment ¹	General government	Dwellings ⁴	Costs of transfer of ownership of non-produced assets	Dwellings ⁴	Costs of transfer of ownership of non-produced assets	NPQT								
2021	NPEL	DLWF	L634	L635	L636	L637	NPQT	DLWL	DLWO	DFEG	DLWT	EQDO	NPQT		
2022	225 991	77 623	5 634	675	97 799	21 314	429 120	16 154	67 884	103 637	138 569	103 578	429 120		
2023	239 370	77 537	6 324	726	101 901	25 235	451 091	24 391	73 096	108 419	141 849	103 335	451 091		
	245 951	80 011	6 470	571	95 331	22 445	450 779	32 167	75 794	101 875	135 491	105 451	450 779		
Seasonally adjusted															
2022 Q1	58 903	20 140	1 662	181	25 499	6 655	113 041	4 404	18 351	27 250	37 184	25 851	113 041		
Q2	60 332	18 894	1 548	194	25 451	6 563	112 982	6 546	18 325	27 015	35 680	25 416	112 982		
Q3	60 887	18 801	1 563	185	25 632	6 213	113 281	6 419	18 699	27 218	35 014	25 931	113 281		
Q4	59 248	19 702	1 551	166	25 319	5 804	111 787	7 022	17 721	26 936	33 971	26 137	111 787		
2023 Q1	62 482	20 023	1 573	148	24 843	5 760	114 830	7 702	19 377	26 487	34 856	26 408	114 830		
Q2	62 152	19 563	1 584	144	23 934	5 631	113 009	8 439	18 884	25 520	33 766	26 399	113 009		
Q3	60 296	19 997	1 641	143	23 418	5 604	111 099	7 886	18 567	25 060	33 135	26 451	111 099		
Q4	61 021	20 428	1 672	136	23 136	5 450	111 841	8 140	18 966	24 808	33 734	26 193	111 841		
2024 Q1	61 370	20 010	1 853	136	24 194	5 616	113 179	7 993	19 504	26 082	33 934	25 666	113 179		
Q2	62 250	20 427	1 623	145	23 666	5 722	113 833	8 692	18 353	25 310	35 056	26 422	113 833		
Percentage change, latest year on previous year															
2021	KG7M	KH92	L64T	L64W	L654	L64Z	KG7N	KH95	KH96	KH8Y	KH97	KH98	KG7N		
2022	1.8	10.0	17.8	22.7	20.5	12.2	7.6	-13.1	12.1	20.2	3.9	3.0	7.6		
2023	5.9	-0.1	12.2	7.6	4.2	18.4	5.1	51.0	7.7	4.6	2.4	-0.2	5.1		
2023	2.7	3.2	2.3	-21.3	-6.4	-11.1	-0.1	31.9	3.7	-6.0	-4.5	2.0	-0.1		
Percentage change, latest quarter on previous quarter															
2022 Q1	KG7P	KH9C	L64U	L64X	L655	L652	KG7Q	KH9F	KH9G	KH9A	KH9H	KH9I	KG7Q		
Q2	3.0	1.2	13.7	-1.1	4.1	18.0	3.9	-12.2	6.9	4.8	6.7	-0.2	3.9		
Q3	2.4	-6.2	-6.9	7.2	-0.2	-1.4	-0.1	48.6	-0.1	-0.9	-4.0	-1.7	-0.1		
Q4	0.9	-0.5	1.0	-4.6	0.7	-5.3	0.3	-1.9	2.0	0.8	-1.9	2.0	0.3		
2023 Q1	-2.7	4.8	-0.8	-10.3	-1.2	-6.6	-1.3	9.4	-5.2	-1.0	-3.0	0.8	-1.3		
2023 Q2	5.5	1.6	1.4	-10.8	-1.9	-0.8	2.7	9.7	9.3	-1.7	2.6	1.0	2.7		
Q3	-0.5	-2.3	0.7	-2.7	-3.7	-2.2	-1.6	9.6	-2.5	-3.7	-3.1	-	-1.6		
Q4	-3.0	2.2	3.6	-0.7	-2.2	-0.5	-1.7	-6.6	-1.7	-1.8	-1.9	0.2	-1.7		
2024 Q1	1.2	2.2	1.9	-4.9	-1.2	-2.7	0.7	3.2	2.1	-1.0	1.8	-1.0	0.7		
2024 Q2	0.6	-2.0	10.8	-	4.6	3.0	1.2	-1.8	2.8	5.1	0.6	-2.0	1.2		
Q2	1.4	2.1	-12.4	6.6	-2.2	1.9	0.6	8.7	-5.9	-3.0	3.3	2.9	0.6		
Percentage change, latest quarter on corresponding quarter of previous year															
2022 Q1	KG7S	KH9M	L64V	L64Y	L656	L653	KG7T	KH9P	KH9Q	KH9K	KH9R	KH9S	KG7T		
Q2	9.4	10.8	30.3	16.0	3.0	26.4	9.2	26.8	15.1	4.4	10.5	5.3	9.2		
Q3	4.0	-3.8	6.7	16.9	5.0	28.6	4.0	90.7	7.4	5.0	1.1	-6.9	4.0		
Q4	6.8	-5.6	8.2	8.8	5.4	17.1	4.7	51.6	5.5	5.5	0.7	0.4	4.7		
2023 Q1	3.6	-1.0	6.1	-9.3	3.4	2.9	2.7	40.0	3.3	3.6	-2.5	1.0	2.7		
2023 Q2	6.1	-0.6	-5.4	-18.2	-2.6	-13.4	1.6	74.9	5.6	-2.8	-6.3	2.2	1.6		
Q3	3.0	3.5	2.3	-25.8	-6.0	-14.2	-	28.9	3.1	-5.5	-5.4	3.9	-		
Q4	-1.0	6.4	5.0	-22.7	-8.6	-9.8	-1.9	22.9	-0.7	-7.9	-5.4	2.0	-1.9		
2024 Q1	3.0	3.7	7.8	-18.1	-8.6	-6.1	-	15.9	7.0	-7.9	-0.7	0.2	-		
2024 Q2	-1.8	-0.1	17.8	-8.1	-2.6	-2.5	-1.4	3.8	0.7	-1.5	-2.6	-2.8	-1.4		
Q2	0.2	4.4	2.5	0.7	-1.1	1.6	0.7	3.0	-2.8	-0.8	3.8	0.1	0.7		

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

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

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

4 Includes new dwellings and improvements to dwellings.

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

G1 Changes in inventories at current prices ¹

£ million

	Mining and quarrying	Manufacturing industries				Electricity, gas and water supply	Distributive trades			Changes in inventories ³
		Materials and fuel	Work in progress	Finished goods	Total		Wholesale ²	Retail ²	Other industries ³	
Level of inventories held at end-December 2022⁴	5	28 131	21 687	28 066	77 884	42	67 925	40 700	49 236	235 792
2021	FAHS -1 488	FAGF -997	FADY 662	FALR 911	NZTP 576	FAGI -1 959	FBHE 3 706	FAHA 3 261	CWVD -4 966	CAEX -870
2022	-1 757	1 000	1 044	4 864	6 908	-1 199	17 047	3 286	-1 811	22 474
2023	339	1 743	1 740	1 754	5 237	620	-1 860	-4 703	5 096	4 729
Seasonally adjusted										
2022 Q1	-974	-297	213	2 386	2 302	-487	4 488	3 478	2 161	10 968
Q2	-497	-204	175	2 622	2 593	-2 240	5 383	1 868	2 005	9 112
Q3	-219	898	-204	209	903	1 222	6 204	-1 291	-4 379	2 440
Q4	-67	603	860	-353	1 110	306	972	-769	-1 598	-46
2023 Q1	212	194	690	-803	81	488	-655	-2 800	4 683	2 009
Q2	345	622	693	763	2 078	-54	-3 339	-674	2 522	878
Q3	-261	895	472	1 554	2 921	257	3 243	-937	-3 146	2 077
Q4	43	32	-115	240	157	-71	-1 109	-292	1 037	-235
2024 Q1	243	997	651	838	2 486	398	-1 419	-1 581	-2 915	-2 788
Q2	-9	-111	694	7	590	275	-433	-1 273	2 655	1 805

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

2 Wholesaling and retailing estimates exclude the motor trades.

3 Quarterly alignment adjustment included in this series.

4 These are values of physical stock levels in reference year (2022) prices.

G2 Changes in inventories at chained volume measures¹

Reference year 2022, £ million

	Mining and quarrying	Manufacturing industries				Electricity, gas and water supply	Distributive trades			Changes in inventories ³
		Materials and fuel	Work in progress	Finished goods	Total		Wholesale ²	Retail ²	Other industries ³	
Level of inventories held at end-December 2022⁴	5	28 131	21 687	28 066	77 884	42	67 925	40 700	49 236	235 792
	FAEA	FBNF	FBNG	FBNH	DHBM	FAEB	FAJX	FBYN	DLWX	CAFU
2021	-1 263	-2 036	3 544	4 338	5 544	-184	2 463	1 694	-6 013	3 918
2022	-1 757	1 000	1 044	4 864	6 908	-1 199	17 047	3 286	-1 811	22 474
2023	447	705	895	656	2 256	182	-567	-2 718	1 329	930
Seasonally adjusted										
2022 Q1	-839	461	251	3 546	4 258	-523	3 488	3 372	2 484	12 240
Q2	-224	-741	-330	3 697	2 626	-1 060	3 928	2 539	3 548	11 357
Q3	-349	1 961	-71	-828	1 062	632	6 111	-1 554	-7 109	-1 207
Q4	-345	-681	1 194	-1 551	-1 038	-248	3 520	-1 071	-734	84
2023 Q1	129	503	463	-1 158	-192	1 274	-314	-2 245	3 481	2 134
Q2	192	53	275	473	801	-1 746	-739	-314	2 325	519
Q3	87	269	218	1 033	1 520	720	941	-427	-4 574	-1 733
Q4	39	-120	-61	308	127	-66	-455	268	97	10
2024 Q1	99	803	3	595	1 401	560	-759	-1 052	-2 916	-2 667
Q2	95	323	821	164	1 308	346	-893	-1 249	2 408	2 015

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

2 Wholesaling and retailing estimates exclude the motor trades.

3 Quarterly alignment adjustment included in this series.

4 These are values of physical stock levels in reference year (2022) prices.

H1 Exports and imports of goods and services

Current market prices

£ million

	Exports			Imports			Balance		
	Goods	Services	Total	Goods	Services	Total	Goods	Services	Total ¹
	BOKG	IKBB	IKBH	BOKH	IKBC	IKBI	BOKI	IKBD	IKBJ
2021	332 135	334 751	666 886	494 340	177 665	672 005	-162 205	157 086	-5 119
2022	434 123	413 928	848 051	640 659	251 507	892 166	-206 536	162 421	-44 115
2023	393 516	467 718	861 234	581 193	295 097	876 290	-187 677	172 621	-15 056
Seasonally adjusted									
2022 Q1	91 874	90 708	182 582	155 734	54 207	209 941	-63 860	36 501	-27 359
Q2	100 710	101 287	201 997	161 175	63 028	224 203	-60 465	38 259	-22 206
Q3	119 960	108 544	228 504	165 887	65 728	231 615	-45 927	42 816	-3 111
Q4	121 579	113 389	234 968	157 863	68 544	226 407	-36 284	44 845	8 561
2023 Q1	102 015	116 537	218 552	152 097	70 308	222 405	-50 082	46 229	-3 853
Q2	99 414	117 412	216 826	148 262	73 218	221 480	-48 848	44 194	-4 654
Q3	95 038	116 016	211 054	139 347	74 475	213 822	-44 309	41 541	-2 768
Q4	97 049	117 753	214 802	141 487	77 096	218 583	-44 438	40 657	-3 781
2024 Q1	93 950	119 190	213 140	136 744	78 355	215 099	-42 794	40 835	-1 959
Q2	91 561	122 655	214 216	150 605	79 524	230 129	-59 044	43 131	-15 913
Percentage change, latest year on previous year									
	KG9K	KH35	KH2O	KG9L	KH3W	KH3H			
2021	5.9	7.9	6.9	11.9	4.1	9.7			
2022	30.7	23.7	27.2	29.6	41.6	32.8			
2023	-9.4	13.0	1.6	-9.3	17.3	-1.8			
Percentage change, latest quarter on previous quarter									
	KG9O	KH36	KH2P	KG9P	KH3X	KH3I			
2022 Q1	-1.5	-1.0	-1.3	19.3	1.1	14.0			
Q2	9.6	11.7	10.6	3.5	16.3	6.8			
Q3	19.1	7.2	13.1	2.9	4.3	3.3			
Q4	1.3	4.5	2.8	-4.8	4.3	-2.2			
2023 Q1	-16.1	2.8	-7.0	-3.7	2.6	-1.8			
Q2	-2.5	0.8	-0.8	-2.5	4.1	-0.4			
Q3	-4.4	-1.2	-2.7	-6.0	1.7	-3.5			
Q4	2.1	1.5	1.8	1.5	3.5	2.2			
2024 Q1	-3.2	1.2	-0.8	-3.4	1.6	-1.6			
Q2	-2.5	2.9	0.5	10.1	1.5	7.0			
Percentage change, latest quarter on corresponding quarter of previous year									
	KG9S	KH37	KH2Q	KG9T	KH3Y	KH3J			
2022 Q1	23.0	12.8	17.7	33.3	38.4	34.6			
Q2	18.7	23.5	21.1	34.5	57.7	40.3			
Q3	51.2	34.5	42.8	30.6	46.3	34.7			
Q4	30.3	23.7	27.0	20.9	27.9	22.9			
2023 Q1	11.0	28.5	19.7	-2.3	29.7	5.9			
Q2	-1.3	15.9	7.3	-8.0	16.2	-1.2			
Q3	-20.8	6.9	-7.6	-16.0	13.3	-7.7			
Q4	-20.2	3.8	-8.6	-10.4	12.5	-3.5			
2024 Q1	-7.9	2.3	-2.5	-10.1	11.4	-3.3			
Q2	-7.9	4.5	-1.2	1.6	8.6	3.9			

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

H2 Exports and imports of goods and services

Chained volume measures

Reference year 2022, £ million

	Exports			Imports			Balance
	Goods	Services	Total	Goods	Services	Total	Total ¹
	BQKQ	IKBE	IKBK	BQKO	IKBF	IKBL	IKBM
2021	389 082	364 529	753 369	592 564	198 780	789 644	-36 275
2022	434 123	413 928	848 051	640 659	251 507	892 166	-44 115
2023	391 645	438 124	829 769	584 696	277 246	861 942	-32 173
Seasonally adjusted							
2022 Q1	96 266	95 234	191 621	168 147	57 389	225 154	-33 533
Q2	100 824	103 995	205 098	162 921	63 586	226 514	-21 416
Q3	117 564	107 391	224 767	154 605	64 751	219 547	5 220
Q4	119 469	107 308	226 565	154 986	65 781	220 951	5 614
2023 Q1	100 221	108 940	209 161	149 364	66 135	215 499	-6 338
Q2	99 374	109 847	209 221	149 269	69 178	218 447	-9 226
Q3	95 910	109 669	205 579	142 810	70 314	213 124	-7 545
Q4	96 140	109 668	205 808	143 253	71 619	214 872	-9 064
2024 Q1	92 949	110 807	203 756	140 059	72 184	212 243	-8 487
Q2	90 354	112 855	203 209	152 852	72 859	225 711	-22 502
Percentage change, latest year on previous year							
	KG9X	KH3B	KH2U	KG9W	KH44	KH3N	
2021	1.0	5.5	3.2	6.9	3.1	5.8	
2022	11.6	13.6	12.6	8.1	26.5	13.0	
2023	-9.8	5.8	-2.2	-8.7	10.2	-3.4	
Percentage change, latest quarter on previous quarter							
	KGA2	KH3C	KH2V	KG9Z	KH45	KH3O	
2022 Q1	-6.8	-3.3	-5.0	13.4	1.5	9.9	
Q2	4.7	9.2	7.0	-3.1	10.8	0.6	
Q3	16.6	3.3	9.6	-5.1	1.8	-3.1	
Q4	1.6	-0.1	0.8	0.2	1.6	0.6	
2023 Q1	-16.1	1.5	-7.7	-3.6	0.5	-2.5	
Q2	-0.8	0.8	-	-0.1	4.6	1.4	
Q3	-3.5	-0.2	-1.7	-4.3	1.6	-2.4	
Q4	0.2	-	0.1	0.3	1.9	0.8	
2024 Q1	-3.3	1.0	-1.0	-2.2	0.8	-1.2	
Q2	-2.8	1.8	-0.3	9.1	0.9	6.3	
Percentage change, latest quarter on corresponding quarter of previous year							
	KGA5	KH3D	KH2W	KGA4	KH46	KH3P	
2022 Q1	6.6	7.9	7.2	15.1	28.0	18.3	
Q2	-1.1	16.1	7.3	10.7	35.9	17.1	
Q3	25.7	21.6	23.7	2.4	28.0	9.2	
Q4	15.7	9.0	12.3	4.5	16.3	7.8	
2023 Q1	4.1	14.4	9.2	-11.2	15.2	-4.3	
Q2	-1.4	5.6	2.0	-8.4	8.8	-3.6	
Q3	-18.4	2.1	-8.5	-7.6	8.6	-2.9	
Q4	-19.5	2.2	-9.2	-7.6	8.9	-2.8	
2024 Q1	-7.3	1.7	-2.6	-6.2	9.1	-1.5	
Q2	-9.1	2.7	-2.9	2.4	5.3	3.3	

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

H3 Breakdown of exports and imports of goods

Current Prices SA

£ million

	Trade in goods					
	Non-EU Exports	Non-EU Imports	Non-EU Balance	EU Exports	EU Imports	EU Balance
	L87M	L87O	L87K	L87S	L87U	L87Q
2021	173 783	256 917	-83 134	158 352	237 423	-79 071
2022	227 071	334 013	-106 942	207 052	306 646	-99 594
2023	207 153	262 831	-55 678	186 363	318 362	-131 999
2022 Q1	45 271	84 358	-39 087	46 603	71 376	-24 773
Q2	48 469	82 970	-34 501	52 241	78 205	-25 964
Q3	64 528	89 949	-25 421	55 432	75 938	-20 506
Q4	68 803	76 736	-7 933	52 776	81 127	-28 351
2023 Q1	54 169	72 151	-17 982	47 846	79 946	-32 100
Q2	53 195	67 208	-14 013	46 219	81 054	-34 835
Q3	48 943	61 297	-12 354	46 095	78 050	-31 955
Q4	50 846	62 175	-11 329	46 203	79 312	-33 109
2024 Q1	49 999	60 204	-10 205	43 951	76 540	-32 589
Q2	47 053	70 746	-23 693	44 508	79 859	-35 351

H4 Breakdown of exports and imports of goods

Chained Volume Measures SA

£ million

	Trade in Goods					
	Non-EU Exports	Non-EU Imports	Non-EU Balance	EU Exports	EU Imports	EU Balance
	LGEB	LGEU	CTVU	LGCN	LGDF	CTVT
2021	197 998	324 360	-126 362	191 420	269 747	-78 327
2022	227 071	334 013	-106 942	207 052	306 646	-99 594
2023	203 256	283 625	-80 369	188 389	301 071	-112 682
2022 Q1	47 522	92 350	-44 828	48 900	76 205	-27 305
Q2	48 418	84 453	-36 035	52 640	78 380	-25 740
Q3	63 725	80 105	-16 380	53 694	74 461	-20 767
Q4	67 406	77 105	-9 699	51 818	77 600	-25 782
2023 Q1	52 500	74 728	-22 228	47 721	74 636	-26 915
Q2	51 952	72 647	-20 695	47 422	76 622	-29 200
Q3	48 441	68 110	-19 669	47 469	74 700	-27 231
Q4	50 363	68 140	-17 777	45 777	75 113	-29 336
2024 Q1	48 426	66 931	-18 505	44 523	73 128	-28 605
Q2	45 688	76 427	-30 739	44 666	76 425	-31 759

K1 General government Final Consumption: Current Prices SA Summary by Function

£ million

	Health	Education	Social Protection	Justice and Fire	Military Defence	Central Government Other	Local Government Other	Total
	KSP4	KSP3	KSP7	KSP6	KSP5	KSQ2	KSQ3	NMRP
2021	210 823	79 906	53 406	11 422	45 737	58 533	48 889	508 719
2022	209 082	83 728	51 746	12 147	47 823	66 977	53 541	526 249
2023	219 706	90 364	56 530	13 336	51 930	72 064	54 496	558 426
2022 Q1	55 246	20 533	13 590	2 951	11 786	16 331	12 483	132 844
Q2	50 315	20 645	12 499	3 019	11 690	16 292	13 450	128 469
Q3	51 906	21 239	12 799	3 020	12 219	17 110	13 703	132 380
Q4	51 615	21 311	12 858	3 157	12 128	17 244	13 905	132 556
2023 Q1	52 835	21 740	13 766	3 278	12 221	16 645	13 571	134 056
Q2	55 636	22 512	13 886	3 316	13 001	18 056	13 547	139 954
Q3	54 963	22 926	14 340	3 370	13 259	18 627	13 610	141 095
Q4	56 272	23 186	14 538	3 372	13 449	18 736	13 768	143 321
2024 Q1	56 377	23 623	14 892	3 512	12 553	18 967	13 936	143 860
Q2	57 106	24 280	15 314	3 633	13 725	19 037	14 280	147 375

K2 General government Final Consumption: Chained Volume Measures SA Summary by Function

£ million

	Health	Education	Social Protection	Justice and Fire	Military Defence	Central Government Other	Local Government Other	Total
	KSR6	KSR5	KSR9	KSR8	KSR7	KSS4	KSS5	NMRY
2021	184 321	64 970	48 932	9 339	42 694	55 384	45 870	522 891
2022	176 612	74 985	49 879	9 862	42 680	60 689	48 142	526 249
2023	207 792	84 805	54 694	12 199	49 754	68 544	51 772	529 560
2022 Q1	46 499	18 614	12 396	2 449	10 665	15 574	11 100	133 926
Q2	43 550	18 821	12 437	2 414	10 490	14 688	12 508	129 626
Q3	43 154	18 957	12 509	2 567	10 828	15 301	12 432	131 628
Q4	43 409	18 593	12 537	2 432	10 697	15 126	12 102	131 069
2023 Q1	51 651	20 892	13 555	3 016	11 697	16 337	13 024	130 172
Q2	51 957	21 221	13 632	3 043	12 528	17 110	12 945	132 436
Q3	52 165	21 471	13 720	3 039	12 692	17 514	13 006	133 607
Q4	52 019	21 221	13 787	3 101	12 837	17 583	12 797	133 345
2024 Q1	53 056	21 465	13 879	3 082	11 631	17 756	12 845	133 714
Q2	52 840	21 373	14 004	3 047	12 869	17 611	13 448	135 192

Gross value added at basic prices: individual measures

	£ million				Index numbers (2022 = 100) ³				
	Expenditure-based estimate at chained volume measures	At current prices			Value indices at current prices		Chained volume indices		
		Expenditure-based estimate	Income-based estimate	Residual error ¹	Expenditure-based estimate	Income-based estimate	Expenditure-based estimate	Income-based estimate ²	Output-based estimate
	CAGR	CAGQ	CAGS	DJDS	IHYA	IHYB	IHYC	IHYD	YBFR
2021	2 169 937	2 047 932	2 047 932	–	90.4	90.4	95.8	95.8	95.8
2022	2 266 082	2 266 082	2 266 082	–	100.0	100.0	100.0	100.0	100.0
2023	2 272 886	2 464 773	2 463 869	904	108.8	108.7	100.3	100.3	100.3
Seasonally adjusted									
2022 Q1	565 129	544 426	544 426	–	96.1	96.1	99.8	99.8	99.8
Q2	566 308	558 838	558 838	–	98.6	98.6	100.0	100.0	100.0
Q3	566 217	567 818	567 818	–	100.2	100.2	99.9	99.9	99.9
Q4	568 428	595 000	595 000	–	105.0	105.0	100.3	100.3	100.3
2023 Q1	569 663	617 338	615 684	1 654	109.0	108.7	100.6	100.3	100.5
Q2	569 492	615 248	613 921	1 327	108.6	108.4	100.5	100.3	100.4
Q3	568 233	616 278	616 561	–283	108.8	108.8	100.3	100.3	100.3
Q4	565 498	615 909	617 703	–1 794	108.7	109.0	99.8	100.1	100.0
2024 Q1	569 407	625 193	627 018	–1 825	110.4	110.7	100.5	100.8	100.7
Q2	572 021	629 866	631 714	–1 848	111.2	111.5	101.0	101.3	101.2
Percentage change, latest year on previous year									
	KH4D	KH47	KH68		KH47	KH68	KH4D	KH6E	GDPQ
2021	8.6	7.9	7.9		7.9	7.9	8.6	8.6	8.6
2022	4.4	10.7	10.7		10.7	10.7	4.4	4.4	4.4
2023	0.3	8.8	8.7		8.8	8.7	0.3	0.3	0.3
Percentage change, latest quarter on previous quarter									
	KH4F	KH49	KH6A		KH49	KH6A	KH4F	KH6G	
2022 Q1	0.7	2.2	2.2		2.2	2.2	0.7	0.7	0.7
Q2	0.2	2.6	2.6		2.6	2.6	0.2	0.2	0.2
Q3	–	1.6	1.6		1.6	1.6	–	–	–
Q4	0.4	4.8	4.8		4.8	4.8	0.4	0.4	0.4
2023 Q1	0.2	3.8	3.5		3.8	3.5	0.2	–0.1	0.1
Q2	–	–0.3	–0.3		–0.3	–0.3	–	–	–
Q3	–0.2	0.2	0.4		0.2	0.4	–0.2	–	–0.1
Q4	–0.5	–0.1	0.2		–0.1	0.2	–0.5	–0.2	–0.3
2024 Q1	0.7	1.5	1.5		1.5	1.5	0.7	0.7	0.7
Q2	0.5	0.7	0.7		0.7	0.7	0.5	0.5	0.5
Percentage change, latest quarter on corresponding quarter of previous year									
	KH4H	KH4B	KH6C		KH4B	KH6C	KH4H	KH6I	GDPR
2022 Q1	11.0	12.3	12.3		12.3	12.3	11.0	11.0	11.0
Q2	3.8	9.6	9.6		9.6	9.6	3.8	3.8	3.8
Q3	2.2	9.1	9.1		9.1	9.1	2.2	2.2	2.2
Q4	1.3	11.7	11.7		11.7	11.7	1.3	1.3	1.3
2023 Q1	0.8	13.4	13.1		13.4	13.1	0.8	0.5	0.7
Q2	0.6	10.1	9.9		10.1	9.9	0.6	0.3	0.5
Q3	0.4	8.5	8.6		8.5	8.6	0.4	0.4	0.4
Q4	–0.5	3.5	3.8		3.5	3.8	–0.5	–0.2	–0.3
2024 Q1	–	1.3	1.8		1.3	1.8	–	0.5	0.3
Q2	0.4	2.4	2.9		2.4	2.9	0.4	1.0	0.7

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

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

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

M Alignment adjustments¹

£ million

	Changes in inventories		Gross operating surplus of non-financial corporations at current prices
	At current prices	Chained volume measures (Reference year 2022)	
Seasonally adjusted			
	DMUN	DMUM	DMUQ
2022 Q1	341	334	-2 810
Q2	2 766	2 765	2 789
Q3	-1 409	-1 428	-2 969
Q4	-1 698	-1 671	2 990
2023 Q1	982	917	2 139
Q2	1 170	1 082	-137
Q3	-2 668	-2 472	-1 115
Q4	516	473	-887
2024 Q1	-2 659	-2 434	-2 109
Q2	2 469	2 244	241

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

N Selected financial year variables ^{1,2}

£ millions except deflator index which is 2023/24 = 100

	Current prices					Chained Volume Measures (reference year 2022)				
	Gross domestic product at market prices	Gross domestic product at market prices non seasonally adjusted	Gross value added at basic prices	General government final consumption expenditure	General government gross fixed capital formation	Gross domestic product at market prices	Gross value added at basic prices	General government final consumption expenditure	General government gross fixed capital formation	Implied GDP deflator at market prices ^{3,4}
	YBHA	BKTL	ABML	NMRP	RPZG	ABMI	ABMM	NMRY	DLWF	L8GG
2021/22	2 357 754	2 356 883	2 107 375	512 700	73 623	2 474 553	2 226 052	533 751	79 592	87.9486
2022/23	2 584 021	2 587 760	2 338 256	527 461	80 321	2 531 891	2 269 915	522 495	77 420	94.2175
2023/24	2 747 617	2 749 226	2 474 219	568 230	89 225	2 536 627	2 274 082	533 102	79 998	100.0000
Seasonally adjusted										
2022 Q1	610 346	608 517	544 426	132 844	19 154	629 149	565 129	133 926	20 140	89.5622
Q2	625 467	610 911	558 838	128 469	18 253	631 258	566 308	129 626	18 894	91.4744
Q3	636 553	638 849	567 818	132 380	19 320	631 977	566 217	131 628	18 801	92.9898
Q4	654 062	668 151	595 000	132 556	20 810	634 044	568 428	131 069	19 702	95.2361
2023 Q1	667 939	669 849	616 600	134 056	21 938	634 612	568 962	130 172	20 023	97.1696
Q2	680 492	675 220	614 643	139 954	21 376	634 624	568 928	132 436	19 563	98.9939
Q3	685 669	682 739	616 413	141 095	22 098	633 956	568 358	133 607	19 997	99.8522
Q4	685 929	692 221	616 931	143 321	22 825	631 825	566 439	133 345	20 428	100.2269
2024 Q1	695 527	699 046	626 232	143 860	22 926	636 222	570 357	133 714	20 010	100.9270
Q2	702 893	695 415	630 917	147 375	22 812	639 095	572 977	135 192	20 427	101.5374
Percentage change, latest financial year on previous financial year										
2021/22	13.0	12.9	11.9	3.4	8.0	13.6	13.3	15.8	9.1	-0.6
2022/23	9.6	9.8	11.0	2.9	9.1	2.3	2.0	-2.1	-2.7	7.1
2023/24	6.3	6.2	5.8	7.7	11.1	0.2	0.2	2.0	3.3	6.1
Percentage change, latest quarter on previous quarter										
	IHYN	A8L9	KGL8	KH2D	KH7P	IHYQ	KGM9	KH2J	KH9C	L8GH
2022 Q1	2.2	-0.7	2.2	4.2	5.5	0.7	0.7	-0.1	1.2	1.5
Q2	2.5	0.4	2.6	-3.3	-4.7	0.3	0.2	-3.2	-6.2	2.1
Q3	1.8	4.6	1.6	3.0	5.8	0.1	-	1.5	-0.5	1.7
Q4	2.8	4.6	4.8	0.1	7.7	0.3	0.4	-0.4	4.8	2.4
2023 Q1	2.1	0.3	3.6	1.1	5.4	0.1	0.1	-0.7	1.6	2.0
Q2	1.9	0.8	-0.3	4.4	-2.6	-	-	1.7	-2.3	1.9
Q3	0.8	1.1	0.3	0.8	3.4	-0.1	-0.1	0.9	2.2	0.9
Q4	-	1.4	0.1	1.6	3.3	-0.3	-0.3	-0.2	2.2	0.4
2024 Q1	1.4	1.0	1.5	0.4	0.4	0.7	0.7	0.3	-2.0	0.7
Q2	1.1	-0.5	0.7	2.4	-0.5	0.5	0.5	1.1	2.1	0.6
Percentage change, latest quarter on corresponding quarter of previous year										
	IHYO	A8LA	KGM2	KH2E	KH7R	IHYR	KGN3	KH2K	KH9M	L8GI
2022 Q1	13.4	13.3	12.3	3.1	11.8	11.5	11.0	8.8	10.8	1.8
Q2	10.0	9.2	9.6	1.9	1.6	4.3	3.8	-2.4	-3.8	5.5
Q3	9.4	10.9	9.1	4.8	5.4	2.7	2.2	-1.0	-5.6	6.6
Q4	9.5	9.0	11.7	4.0	14.6	1.5	1.3	-2.2	-1.0	7.9
2023 Q1	9.4	10.1	13.3	0.9	14.5	0.9	0.7	-2.8	-0.6	8.5
Q2	8.8	10.5	10.0	8.9	17.1	0.5	0.5	2.2	3.5	8.2
Q3	7.7	6.9	8.6	6.6	14.4	0.3	0.4	1.5	6.4	7.4
Q4	4.9	3.6	3.7	8.1	9.7	-0.3	-0.3	1.7	3.7	5.2
2024 Q1	4.1	4.4	1.6	7.3	4.5	0.3	0.2	2.7	-0.1	3.9
Q2	3.3	3.0	2.6	5.3	6.7	0.7	0.7	2.1	4.4	2.6

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

2 All data are seasonally adjusted unless otherwise specified.

3 Implied deflator is expressed in terms of 2023/2024 =100 for presentational

purposes, whereas in table A1 it is expressed as 2022 = 100.

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

O Selected implied deflators¹

2023 = 100

	Implied deflators ²		
	Gross national expenditure	Gross domestic product at market prices ³	Gross value added at basic prices
	MNE2	MNF2	MNX5
2021	87.7899	88.3883	87.0408
2022	93.9114	93.1910	92.2075
2023	100.0000	100.0000	100.0000
Seasonally adjusted			
2022 Q1	90.4912	90.4114	88.8351
Q2	93.2303	92.3418	90.9969
Q3	95.6394	93.8716	92.4740
Q4	96.2847	96.1392	96.5239
2023 Q1	98.3785	98.0910	99.9341
Q2	99.8824	99.9326	99.6229
Q3	100.7288	100.7990	100.0099
Q4	101.0102	101.1773	100.4331
2024 Q1	101.5435	101.8840	101.2469
Q2	101.9761	102.5002	101.5380
Percentage change, latest year on previous year			
	MNE3	MNF3	MNX6
2021	-0.2	-0.1	-0.8
2022	7.0	5.4	5.9
2023	6.5	7.3	8.5
Percentage change, latest quarter on previous quarter			
	MNE4	MNF4	MNX7
2022 Q1	1.7	1.5	1.5
Q2	3.0	2.1	2.4
Q3	2.6	1.7	1.6
Q4	0.7	2.4	4.4
2023 Q1	2.2	2.0	3.5
Q2	1.5	1.9	-0.3
Q3	0.8	0.9	0.4
Q4	0.3	0.4	0.4
2024 Q1	0.5	0.7	0.8
Q2	0.4	0.6	0.3
Percentage change, latest quarter on corresponding quarter of previous year			
	MNE5	MNF5	MNX8
2022 Q1	3.1	1.8	1.1
Q2	7.7	5.5	5.5
Q3	8.9	6.6	6.8
Q4	8.2	7.9	10.3
2023 Q1	8.7	8.5	12.5
Q2	7.1	8.2	9.5
Q3	5.3	7.4	8.1
Q4	4.9	5.2	4.0
2024 Q1	3.2	3.9	1.3
Q2	2.1	2.6	1.9

1 Implied deflator is expressed in terms of 2023 = 100, whereas in table A1 it is expressed as 2022 = 100. This deflator is calculated in a different way to the deflators in table A1 therefore there may be slight discrepancies, as such we recommend using the deflators in table A1 where possible.

2 Data are only considered accurate to 1 decimal place.

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

P GDP Per Head¹

£

	UK resident population mid-year estimates (persons thousands) ²	Current Prices		Chained volume measures (Reference year 2022)	
		Gross domestic product at market prices ³	Gross domestic product per head	Gross domestic product at market prices ³	Gross domestic product per head
	EBAQ	YBHA	IHXT	ABMI	IHXW
2021	66 984	2 285 400	34 119	2 409 815	35 976
2022	67 604	2 526 428	37 371	2 526 428	37 371
2023	68 350	2 720 029	39 796	2 535 017	37 089
Seasonally adjusted					
2022 Q1	67 449	610 346	9 049	629 149	9 328
Q2	67 604	625 467	9 252	631 258	9 338
Q3	67 790	636 553	9 390	631 977	9 323
Q4	67 977	654 062	9 622	634 044	9 327
2023 Q1	68 164	667 939	9 799	634 612	9 310
Q2	68 350	680 492	9 956	634 624	9 285
Q3	68 519	685 669	10 007	633 956	9 252
Q4	68 688	685 929	9 986	631 825	9 198
2024 Q1	68 856	695 527	10 101	636 222	9 240
Q2	69 025	702 893	10 183	639 095	9 259
Percentage change, latest year on previous year					
		IHYM	N3Y3	IHYP	N3Y6
2021		8.6	8.3	8.6	8.2
2022		10.5	9.5	4.8	3.9
2023		7.7	6.5	0.3	-0.8
Percentage change, latest quarter on previous quarter					
		IHYN	N3Y4	IHYQ	N3Y7
2022 Q1		2.2	2.0	0.7	0.5
Q2		2.5	2.2	0.3	0.1
Q3		1.8	1.5	0.1	-0.2
Q4		2.8	2.5	0.3	-
2023 Q1		2.1	1.8	0.1	-0.2
Q2		1.9	1.6	-	-0.3
Q3		0.8	0.5	-0.1	-0.4
Q4		-	-0.2	-0.3	-0.6
2024 Q1		1.4	1.2	0.7	0.5
Q2		1.1	0.8	0.5	0.2
Percentage change, latest quarter on corresponding quarter of previous year					
		IHYO	N3Y5	IHYR	N3Y8
2022 Q1		13.4	12.6	11.5	10.6
Q2		10.0	9.0	4.3	3.3
Q3		9.4	8.4	2.7	1.7
Q4		9.5	8.4	1.5	0.5
2023 Q1		9.4	8.3	0.9	-0.2
Q2		8.8	7.6	0.5	-0.6
Q3		7.7	6.6	0.3	-0.8
Q4		4.9	3.8	-0.3	-1.4
2024 Q1		4.1	3.1	0.3	-0.8
Q2		3.3	2.3	0.7	-0.3

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

2 In line with National accounts revision policy (<https://www.ons.gov.uk/methodology/methodologytopicsandstatisticalconcepts/revisions/revisionspoliciesforeconomicstatistics/nationalaccountsrevisionspolicyupdated-december2017>), 2022 is now consistent with mid year population estimates as published on 15 July 2024. (<https://www.ons.gov.uk/peoplepopulationandcommunity/populationandmigration/populationestimates/bulletins/populationestimatesforenglandandwales/mid2023>). 2023 is now consistent with 2021- based interim population projection as published on 30 January 2024. (<https://www.ons.gov.uk/peoplepopulationandcommunity/populationandmigration/populationprojections/datasets/tablea11principalprojectionuksummary>)

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

R Revisions Analysis¹

Revisions since previously published estimates

£ million

2023

Latest less previously published levels of GDP at current market prices

National accounts aggregates at current prices (Table A2)

Gross domestic product at market prices	KB7D	32 843
less Basic price adjustment	KB7E	124
Gross value added at basic prices	KB7F	32 719

Gross domestic product:

expenditure at current prices (Table C1)

National expenditure on goods and services at market prices		
Households	KB7K	40 657
Non-profit institutions serving households	KB7L	7 908
General government	KB7M	1 350
Gross fixed capital formation	KB7N	-13 095
Changes in inventories	KB7O	3 183
Acquisitions less disposals of valuables	KB7P	-191
Total	KB7Q	39 812
Total exports	KB7R	-3 305
Total imports	KB7S	-21 626
Statistical discrepancy (expenditure)	KB7T	-25 290

Gross domestic product:

income at current prices (Table D)

Compensation of employees	KB7U	9 113
Gross operating surplus of corporations	KB7V	6 115
Other income	KB7W	4 276
Gross value added at factor cost	KB7X	19 504
Taxes on products & production less Subsidies	KB7Y	1 658
Statistical discrepancy (income)	KB7Z	11 681

2023

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

Percentage changes in volume of GDP (Table A2)

Gross domestic product chained volume measures Year on year growth	KB82	0.2
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Percentage changes in volume

of GVA output components (Table B1)

GVA at basic prices		
Agriculture, forestry and fishing	KB83	0.2
Mining and quarrying inc oil & gas extraction	KB84	0.9
Manufacturing	KB85	-0.4
Electricity, gas, steam and air	KB86	5.6
Water supply, sewerage	KNT7	-0.6
Total Production	KB87	-0.8
Construction	KB88	0.4
Distribution, hotels and restaurants	KB89	0.1
Transport storage and communications	KB8A	-2.2
Business services and finance	KB8B	0.5
Government and other services	KB8C	0.3
Total services	KB8D	0.1
Total GVA	KB8E	0.2
Total GVA excluding Oil	KB8F	0.3

Percentage changes in volume

of GDP expenditure components (Table C2)

National expenditure on goods and services at market prices		
Households	KB8G	0.3
Non-profit institutions serving households	KB8H	1.2
General government	KB8I	0.1
Gross fixed capital formation	KB8J	-2.3
Total	KB8K	-0.1
Total exports	KB8L	-1.7
Total imports	KB8M	-1.9

R Revisions Analysis¹

Revisions since previously published estimates

continued

£ million

		2023 Q1	2023 Q2	2023 Q3	2023 Q4	2024 Q1	2024 Q2
Latest less previously published levels of GDP							
at current market prices							
National accounts aggregates							
at current prices (Table A2)							
Gross domestic product at market prices	KB7D	10 146	6 578	7 359	8 760	7 389	8 569
less Basic price adjustment	KB7E	261	-440	98	205	-1 554	827
Gross value added at basic prices	KB7F	9 885	7 018	7 261	8 555	8 943	7 742
Gross domestic product:							
expenditure at current prices (Table C1)							
National expenditure on goods and services							
at market prices							
Households	KB7K	10 453	10 347	9 644	10 213	12 566	12 112
Non-profit institutions serving households	KB7L	1 870	1 930	2 016	2 092	2 239	2 410
General government	KB7M	558	19	122	651	976	-450
Gross fixed capital formation	KB7N	-2 999	-3 076	-3 367	-3 653	-3 376	-3 009
Changes in inventories	KB7O	1 562	-558	1 054	1 125	-1 318	-339
Acquisitions less disposals of valuables	KB7P	57	-74	-35	-139	130	201
Total	KB7Q	11 501	8 588	9 434	10 289	11 217	10 925
Total exports	KB7R	448	-277	-2 647	-829	-118	-481
Total imports	KB7S	-5 689	-4 965	-6 571	-4 401	-1 469	-3 346
Statistical discrepancy (expenditure)	KB7T	-7 492	-6 698	-5 999	-5 101	-5 179	-5 221
Gross domestic product:							
income at current prices (Table D)							
Compensation of employees	KB7U	2 802	3 031	1 786	1 494	1 578	3 765
Gross operating surplus of corporations	KB7V	431	-791	2 176	4 299	2 817	185
Other income	KB7W	2 060	1 186	481	549	2 994	1 541
Gross value added at factor cost	KB7X	5 293	3 426	4 443	6 342	7 389	5 491
Taxes on products & production less Subsidies	KB7Y	535	-82	536	669	-1 770	1 294
Statistical discrepancy (income)	KB7Z	4 318	3 234	2 380	1 749	1 770	1 784

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

		2023 Q1	2023 Q2	2023 Q3	2023 Q4	2024 Q1	2024 Q2
Latest less previously published growth rates							
for GDP in chained volume terms							
Percentage changes in volume of GDP (Table A2)							
Gross domestic product chained volume measures							
Quarter on quarter growth	KB82	-0.1	-	-	-	-	-0.1
Quarter on same quarter a year earlier	KB94	0.6	0.3	0.1	-0.1	-	-0.2
Percentage changes in volume							
of GVA output components (Table B1)							
GVA at basic prices quarter on quarter growth							
Agriculture, forestry and fishing	KB83	-0.3	0.1	-	-	-0.4	-
Mining and quarrying inc oil & gas extraction	KB84	0.4	0.7	-	-0.2	-	0.3
Manufacturing	KB85	0.3	0.1	0.1	-0.2	-0.4	-0.1
Electricity, gas, steam and air	KB86	0.7	-0.5	-	-0.3	-0.1	-2.2
Water supply, sewerage	KNT7	-0.1	-	-	-0.6	-0.2	-0.1
Total Production	KB87	-0.5	-0.1	0.1	-0.4	-0.5	-0.2
Construction	KB88	-0.3	0.2	-0.1	0.5	-0.1	-0.1
Distribution, hotels and restaurants	KB89	0.1	-	-0.2	-0.1	-0.2	-
Transport storage and communications	KB8A	-1.4	0.1	-0.1	0.2	0.2	0.7
Business services and finance	KB8B	0.5	0.1	-0.1	0.1	0.1	-0.3
Government and other services	KB8C	-0.1	-0.4	0.1	0.1	0.1	-0.4
Total services	KB8D	0.1	-0.1	-	-	0.1	-0.2
Total GVA	KB8E	-0.1	-	-	-	-	-0.1
Total GVA excluding Oil	KB8F	-	-	-	-	-	-0.1
Percentage changes in volume of GDP							
expenditure components (Table C2)							
National expenditure on goods and services							
at market prices quarter on quarter growth							
Households	KB8G	-1.3	0.1	0.2	0.1	0.2	-
Non-profit institutions serving households	KB8H	-0.3	-1.7	1.4	0.2	0.5	-0.4
General government	KB8I	0.1	-0.5	-0.2	-0.3	0.3	-0.3
Gross fixed capital formation	KB8J	0.5	-0.4	-0.3	-0.2	0.3	0.2
Total	KB8K	-0.4	-0.4	0.2	-	0.5	-0.2
Total exports	KB8L	-1.2	0.3	-1.6	0.9	-	-1.1
Total imports	KB8M	-1.4	-0.3	-0.6	1.1	1.5	-1.4



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

Chained Volume Measures

Seasonally adjusted data

Reference year 2022

	Agri- culture, forestry, and fishing	Total Production	Mining & quarrying inc oil & gas extract	Manu- facturing	Electric, gas, steam & air	Water supply, sewerage	Constr uction ³	Total Services	Distri- bution, hotels & restaurants	Transport storage and commu- nications	Business services and finance	Govern- ment and other services
Percentage change, latest year on previous year												
Growth												
	L3BB	L3BG	L3BH	L3BN	L3DM	L3DQ	L3DW	L3E2	L3GP	KI8L	KI8N	KI8P
2021	0.7	-0.7	-17.3	3.8	-25.0	5.6	11.9	10.0	14.0	8.7	4.7	16.5
2022	4.7	-6.4	-3.3	-7.4	-7.9	-0.4	7.3	5.9	6.0	13.1	3.4	6.7
2023	0.2	-1.2	-12.8	0.7	3.7	-2.9	2.5	0.4	-1.6	-1.8	1.0	1.6
Contributions to growth												
	ZZ3V	ZZ3W	ZZ3Y	ZZ3X	ZZ3Z	ZZ42	ZZ43	ZZ44	ZZ45	ZZ46	ZZ47	ZZ48
2021	0.01	-0.09	-0.13	0.38	-0.41	0.07	0.67	8.01	1.72	0.85	1.62	3.81
2022	0.04	-0.82	-0.03	-0.71	-0.07	-0.01	0.42	4.79	0.79	1.27	1.20	1.54
2023	-	-0.16	-0.23	0.06	0.04	-0.03	0.15	0.32	-0.21	-0.17	0.34	0.36
Percentage change, latest quarter on previous quarter												
Growth												
	L3BB	L3BG	L3BH	L3BN	L3DM	L3DQ	L3DW	L3E2	L3GP	KI8L	KI8N	KI8P
2021 Q3	-2.2	-2.7	13.2	-2.3	-17.6	0.1	-2.0	2.5	4.5	5.2	0.6	3.0
Q4	-1.1	-1.8	-4.6	-1.8	-4.8	1.2	2.2	1.8	-1.1	4.6	1.7	2.4
2022 Q1	5.7	-1.9	0.3	-2.8	3.5	-0.4	3.0	0.8	0.6	5.1	0.5	-0.2
Q2	1.6	-0.8	1.2	-1.7	4.3	-	2.1	0.2	-0.3	0.1	1.0	-0.4
Q3	-0.1	-1.7	-2.9	-1.9	1.6	-2.1	1.2	0.1	-1.8	0.7	0.3	0.8
Q4	-0.1	-0.1	-5.2	0.4	2.9	-0.6	2.4	0.3	0.9	-0.6	0.4	0.3
2023 Q1	-0.3	-0.3	-7.6	0.9	2.3	0.6	-1.0	0.3	-0.9	-0.6	0.8	0.5
Q2	0.1	0.7	-	1.7	-3.6	-1.7	0.7	-0.2	-0.1	-0.4	-0.4	0.3
Q3	0.4	0.1	0.2	0.1	1.7	-1.3	0.5	-0.2	-0.3	-1.7	-0.4	0.8
Q4	0.2	-1.5	-2.9	-1.2	-3.0	-0.6	-0.4	-0.1	-0.4	-0.1	-	-
2024 Q1	-0.4	0.1	-2.2	0.7	1.3	-2.4	-0.7	0.9	0.5	1.8	0.8	0.9
Q2	0.4	-0.3	-0.5	-0.7	0.3	2.1	-0.2	0.6	0.1	2.5	0.5	0.3
Contributions to growth												
	ZZ2F	ZZ2G	ZZ2I	ZZ2H	ZZ2J	ZZ2K	ZZ2L	ZZ2M	ZZ2N	ZZ2O	ZZ2P	ZZ2Q
2021 Q3	-0.02	-0.34	0.07	-0.22	-0.21	-	-0.12	2.04	0.60	0.49	0.21	0.74
Q4	-0.01	-0.21	-0.03	-0.17	-0.05	0.01	0.12	1.43	-0.14	0.46	0.54	0.60
2022 Q1	0.04	-0.22	-	-0.26	0.02	-	0.17	0.69	0.08	0.51	0.17	-0.04
Q2	0.01	-0.10	0.01	-0.15	0.03	-	0.12	0.18	-0.04	0.01	0.33	-0.09
Q3	-	-0.20	-0.03	-0.16	0.01	-0.03	0.07	0.12	-0.24	0.07	0.10	0.19
Q4	-	-0.01	-0.05	0.03	0.02	-0.01	0.14	0.26	0.12	-0.06	0.14	0.06
2023 Q1	-	-0.03	-0.13	0.08	0.03	0.01	-0.06	0.24	-0.12	-0.06	0.29	0.11
Q2	-	0.09	-	0.15	-0.04	-0.02	0.04	-0.14	-0.01	-0.04	-0.15	0.06
Q3	-	0.02	-	0.01	0.02	-0.01	0.03	-0.17	-0.04	-0.16	-0.15	0.18
Q4	-	-0.20	-0.05	-0.11	-0.03	-0.01	-0.03	-0.07	-0.06	-0.01	-0.01	-
2024 Q1	-	0.02	-0.03	0.06	0.02	-0.03	-0.04	0.72	0.06	0.17	0.30	0.19
Q2	-	-0.04	-0.01	-0.06	-	0.02	-0.01	0.51	0.01	0.24	0.17	0.08
Percentage change, latest quarter on corresponding quarter of previous year												
Growth												
	L3ZZ	L426	L427	L42D	L44C	L44G	L44M	L44Q	L47F	KII2	KIH9	KIH8
2021 Q3	3.0	-5.9	-14.6	-2.3	-34.6	5.1	7.1	12.3	11.4	10.9	5.7	23.7
Q4	-1.0	-9.1	-13.9	-7.2	-34.0	3.6	5.7	12.8	19.0	15.2	4.8	20.2
2022 Q1	1.6	-7.9	-8.9	-7.2	-25.4	1.7	6.2	14.8	28.6	22.2	4.3	21.1
Q2	3.9	-7.0	9.6	-8.4	-15.3	0.9	5.2	5.4	3.7	15.7	3.8	4.8
Q3	6.1	-6.1	-5.9	-8.0	4.4	-1.3	8.7	3.0	-2.6	10.8	3.5	2.7
Q4	7.1	-4.4	-6.5	-5.9	12.9	-3.0	8.9	1.5	-0.7	5.3	2.2	0.5
2023 Q1	1.0	-2.9	-13.9	-2.4	11.6	-2.0	4.7	1.0	-2.2	-0.4	2.5	1.2
Q2	-0.5	-1.4	-14.9	1.0	3.2	-3.7	3.3	0.6	-2.0	-0.9	1.1	1.9
Q3	-	0.5	-12.2	3.0	3.3	-2.9	2.5	0.2	-0.5	-3.2	0.4	1.9
Q4	0.3	-1.0	-10.1	1.3	-2.6	-2.9	-0.3	-0.2	-1.8	-2.7	-0.1	1.6
2024 Q1	0.3	-0.6	-4.8	1.2	-3.6	-5.8	0.1	0.4	-0.4	-0.4	-	2.0
Q2	0.6	-1.6	-5.3	-1.1	0.4	-2.2	-0.8	1.2	-0.2	2.6	0.9	2.0
Contributions to growth												
	ZZ36	ZZ37	ZZ39	ZZ38	ZZ3A	ZZ3B	ZZ3C	ZZ3D	ZZ3E	ZZ3F	ZZ3G	ZZ3H
2021 Q3	0.02	-0.83	-0.11	-0.24	-0.57	0.07	0.41	9.81	1.52	1.06	1.95	5.27
Q4	-0.01	-1.28	-0.10	-0.76	-0.52	0.05	0.33	10.12	2.32	1.46	1.67	4.67
2022 Q1	0.01	-1.11	-0.11	-0.75	-0.27	0.02	0.38	11.71	3.32	2.10	1.57	4.54
Q2	0.03	-0.91	0.09	-0.81	-0.14	0.01	0.31	4.37	0.50	1.47	1.32	1.12
Q3	0.05	-0.75	-0.06	-0.75	0.03	-0.02	0.49	2.43	-0.35	1.05	1.18	0.62
Q4	0.05	-0.53	-0.06	-0.54	0.09	-0.04	0.51	1.25	-0.09	0.53	0.75	0.13
2023 Q1	0.01	-0.38	-0.25	-0.22	0.12	-0.02	0.28	0.78	-0.29	-0.04	0.88	0.26
Q2	-	-0.18	-0.28	0.09	0.04	-0.04	0.20	0.46	-0.26	-0.08	0.39	0.41
Q3	-	0.06	-0.22	0.27	0.04	-0.03	0.15	0.18	-0.06	-0.31	0.13	0.41
Q4	-	-0.13	-0.17	0.12	-0.03	-0.03	-0.02	-0.15	-0.23	-0.26	-0.02	0.35
2024 Q1	-	-0.08	-0.08	0.11	-0.04	-0.07	0.01	0.33	-0.05	-0.04	-0.02	0.44
Q2	-	-0.21	-0.08	-0.10	-	-0.03	-0.05	0.99	-0.02	0.25	0.31	0.45

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

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

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

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

Chained Volume Measures

Seasonally adjusted data

Reference year 2022

	Final consumption expenditure								Net trade
	Households	Non-profit institutions ³	General government	Gross capital formation	Gross fixed capital formation	Business investment	Total exports	less Total imports	
Percentage change, latest year on previous year									
Growth									
	KGZ5	KH26	KH2I	ZZ6H	KG7N	KG7M	KH2U	KH3N	
2021	7.0	13.4	14.3	10.2	7.6	1.8	3.2	5.8	
2022	7.3	11.3	0.6	2.2	5.1	5.9	12.6	13.0	
2023	0.5	4.2	0.6	-3.8	-0.1	2.7	-2.2	-3.4	
Contributions to growth									
	ZZ6M	ZZ6N	ZZ6O	ZZ6P	ZZ6Q	ZZ6R	ZZ6S	ZZ6T	ZZ6U
2021	3.99	0.29	3.24	1.79	1.33	0.18	0.96	1.69	-0.73
2022	4.20	0.25	0.14	0.40	0.91	0.56	3.67	3.82	-0.15
2023	0.33	0.09	0.13	-0.68	-0.01	0.26	-0.72	-1.20	0.47
Percentage change, latest quarter on previous quarter									
Growth									
	KGZ6	KH27	KH2J	ZZ5H	KG7Q	KG7P	KH2V	KH3O	
2021 Q3	3.0	1.6	0.2	14.7	-0.4	-1.7	-4.9	4.0	
Q4	0.3	-0.1	0.8	-6.9	0.6	0.3	11.0	1.9	
2022 Q1	1.3	1.2	-0.1	26.2	3.9	3.0	-5.0	9.9	
Q2	1.7	5.6	-3.2	-9.2	-0.1	2.4	7.0	0.6	
Q3	0.2	1.1	1.5	-22.1	0.3	0.9	9.6	-3.1	
Q4	0.6	1.7	-0.4	-0.4	-1.3	-2.7	0.8	0.6	
2023 Q1	-0.4	1.1	-0.7	15.3	2.7	5.5	-7.7	-2.5	
Q2	0.5	-0.8	1.7	-1.0	-1.6	-0.5	-	1.4	
Q3	-0.7	1.2	0.9	-1.5	-1.7	-3.0	-1.7	-2.4	
Q4	-	-0.5	-0.2	-0.9	0.7	1.2	0.1	0.8	
2024 Q1	0.6	0.8	0.3	1.0	1.2	0.6	-1.0	-1.2	
Q2	0.2	-1.4	1.1	13.8	0.6	1.4	-0.3	6.3	
Contributions to growth									
	ZZ5M	ZZ5N	ZZ5O	ZZ5P	ZZ5Q	ZZ5R	ZZ5S	ZZ5T	ZZ5U
2021 Q3	1.68	0.04	0.04	2.38	-0.07	-0.16	-1.39	1.11	-2.50
Q4	0.16	-	0.20	-1.26	0.11	0.03	2.92	0.53	2.39
2022 Q1	0.75	0.03	-0.03	4.45	0.67	0.28	-1.51	2.91	-4.42
Q2	0.99	0.13	-0.70	-1.96	-0.01	0.23	2.00	0.19	1.81
Q3	0.10	0.03	0.33	-4.25	0.05	0.09	2.91	-0.99	3.90
Q4	0.34	0.04	-0.09	-0.05	-0.24	-0.26	0.27	0.20	0.07
2023 Q1	-0.22	0.03	-0.14	2.32	0.48	0.51	-2.74	-0.86	-1.89
Q2	0.28	-0.02	0.36	-0.18	-0.29	-0.05	0.01	0.46	-0.46
Q3	-0.43	0.03	0.18	-0.26	-0.30	-0.29	-0.57	-0.84	0.26
Q4	-0.03	-0.01	-0.04	-0.15	0.12	0.11	0.04	0.28	-0.24
2024 Q1	0.36	0.02	0.06	0.17	0.21	0.06	-0.32	-0.42	0.09
Q2	0.11	-0.03	0.23	2.35	0.10	0.14	-0.09	2.12	-2.20
Percentage change, latest quarter on corresponding quarter of previous year									
Growth									
	KGZ7	KH28	KH2K	ZZ5Y	KG7T	KG7S	KH2W	KH3P	
2021 Q3	8.7	17.9	13.9	14.4	8.1	4.2	4.8	11.1	
Q4	11.1	10.8	9.6	-12.2	2.3	-1.0	9.9	-0.6	
2022 Q1	16.6	19.9	8.8	16.0	9.2	9.4	7.2	18.3	
Q2	6.4	8.5	-2.4	22.4	4.0	4.0	7.3	17.1	
Q3	3.5	8.0	-1.0	-16.9	4.7	6.8	23.7	9.2	
Q4	3.8	10.0	-2.2	-11.1	2.7	3.6	12.3	7.8	
2023 Q1	2.1	9.9	-2.8	-18.7	1.6	6.1	9.2	-4.3	
Q2	0.8	3.2	2.2	-11.4	-	3.0	2.0	-3.6	
Q3	-	3.3	1.5	12.0	-1.9	-1.0	-8.5	-2.9	
Q4	-0.7	1.0	1.7	11.4	-	3.0	-9.2	-2.8	
2024 Q1	0.3	0.7	2.7	-2.4	-1.4	-1.8	-2.6	-1.5	
Q2	-	-	2.1	12.2	0.7	0.2	-2.9	3.3	
Contributions to growth									
	ZZ65	ZZ66	ZZ67	ZZ68	ZZ69	ZZ6A	ZZ6B	ZZ6C	ZZ6D
2021 Q3	5.01	0.39	3.17	2.51	1.40	0.40	1.34	3.10	-1.76
Q4	6.22	0.24	2.25	-2.57	0.43	-0.10	2.88	-0.20	3.07
2022 Q1	9.28	0.41	1.97	3.27	1.68	0.90	2.13	5.55	-3.42
Q2	3.70	0.19	-0.53	3.67	0.72	0.39	2.16	4.91	-2.76
Q3	2.04	0.18	-0.23	-3.13	0.82	0.64	6.52	2.69	3.83
Q4	2.20	0.22	-0.49	-1.88	0.47	0.33	3.71	2.31	1.41
2023 Q1	1.25	0.21	-0.60	-4.07	0.28	0.57	2.79	-1.53	4.32
Q2	0.51	0.07	0.45	-2.25	-	0.29	0.65	-1.28	1.93
Q3	-0.02	0.07	0.31	1.83	-0.35	-0.09	-3.04	-1.02	-2.02
Q4	-0.40	0.02	0.36	1.73	0.01	0.28	-3.27	-0.96	-2.31
2024 Q1	0.18	0.02	0.56	-0.43	-0.26	-0.18	-0.85	-0.51	-0.34
Q2	0.01	-	0.43	2.11	0.13	0.02	-0.95	1.14	-2.09

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

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

3 Non-profit institutions serving households

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

Current Prices

Seasonally adjusted data

	Compen- sation of employees	Gross operating surplus of corporations ³	Other income ⁴	Taxes on products & production less subsidies
Percentage change, latest year on previous year				
Growth				
	KGI3	KH4V	KH6T	KH65
2021	5.6	4.8	4.9	58.5
2022	7.7	8.7	8.9	33.8
2023	8.1	7.9	10.9	–
Contributions to growth				
	ZZ7H	ZZ7I	ZZ7J	ZZ7K
2021	2.91	1.09	0.92	3.68
2022	3.88	1.90	1.62	3.11
2023	3.99	1.70	1.98	–
Percentage change, latest quarter on previous quarter				
Growth				
	KGI4	KH4W	KH6U	KH66
2021 Q3	1.1	-1.6	0.3	25.3
Q4	0.8	2.0	1.3	15.3
2022 Q1	2.7	-0.1	3.3	2.7
Q2	2.0	3.9	1.9	2.9
Q3	1.8	0.7	2.2	3.1
Q4	2.2	10.1	5.5	-12.3
2023 Q1	2.6	5.2	3.5	-11.2
Q2	2.2	-6.1	0.5	24.7
Q3	0.7	-1.6	1.9	5.0
Q4	0.9	-1.6	–	0.1
2024 Q1	1.3	1.1	3.0	–
Q2	0.9	1.4	0.2	2.6
Contributions to growth				
	ZZ6Z	ZZ72	ZZ73	ZZ74
2021 Q3	0.54	-0.36	0.05	2.07
Q4	0.39	0.44	0.23	1.54
2022 Q1	1.34	-0.02	0.57	0.31
Q2	0.99	0.82	0.34	0.34
Q3	0.90	0.14	0.39	0.36
Q4	1.09	2.17	1.01	-1.47
2023 Q1	1.25	1.17	0.64	-1.11
Q2	1.09	-1.44	0.10	2.17
Q3	0.37	-0.37	0.38	0.56
Q4	–	–	–	–
2024 Q1	0.62	0.22	0.55	–
Q2	0.47	0.30	0.04	0.29
Percentage change, latest quarter on corresponding quarter of previous year				
Growth				
	KGI5	KH4X	KH6V	KH67
2021 Q3	6.7	0.3	4.9	70.4
Q4	4.8	10.1	5.4	72.4
2022 Q1	7.5	9.0	6.1	95.5
Q2	6.7	4.1	6.9	52.7
Q3	7.5	6.6	8.9	25.6
Q4	9.0	15.0	13.5	-4.4
2023 Q1	8.8	21.1	13.7	-17.4
Q2	9.1	9.5	12.2	0.1
Q3	7.9	7.0	12.0	2.0
Q4	6.5	-4.3	6.2	16.4
2024 Q1	5.2	-8.1	5.6	31.1
Q2	3.8	-0.8	5.2	7.9
Contributions to growth				
	ZZ79	ZZ7A	ZZ7B	ZZ7C
2021 Q3	3.43	0.06	0.92	4.59
Q4	2.51	2.22	1.01	5.36
2022 Q1	3.91	1.97	1.17	6.36
Q2	3.42	0.93	1.27	4.38
Q3	3.77	1.42	1.60	2.61
Q4	4.41	3.22	2.38	-0.51
2023 Q1	4.36	4.43	2.46	-1.99
Q2	4.46	2.03	2.18	0.01
Q3	3.88	1.48	2.14	0.23
Q4	3.22	-0.99	1.14	1.65
2024 Q1	2.52	-1.88	1.03	2.68
Q2	1.89	-0.17	0.96	0.84

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

2 This table does not include the contribution from the statistical discrepancy

and components may not sum to the percentage change in average GDP. Current price data for this component are available in table D.

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

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

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

Seasonally adjusted data

Reference year 2022

	Final consumption expenditure						less Total imports
	House- holds	Non-prof- it instit- utions ²	General govern- ment	Gross capital formation	Gross fixed capital formation	Total exports	
Percentage change, latest year on previous year							
	ZZ93	ZZ94	ZZ95	ZZ96	ZZ97	ZZ98	ZZ99
2021	2.7	-3.0	-6.4	1.1	2.2	3.5	3.7
2022	8.4	0.3	2.8	7.6	6.0	13.0	17.5
2023	6.9	3.8	5.5	7.1	6.0	3.8	1.7
Percentage change, latest quarter on previous quarter							
	ZZ8N	ZZ8O	ZZ8P	ZZ8Q	ZZ8R	ZZ8S	ZZ8T
2021 Q3	1.5	0.7	-	2.7	6.3	0.8	3.4
Q4	2.2	1.7	0.1	0.3	-0.1	4.1	5.1
2022 Q1	1.7	0.5	4.4	-1.5	-0.4	3.9	3.7
Q2	3.4	-0.8	-0.1	5.7	2.6	3.4	6.2
Q3	1.5	1.1	1.5	9.1	2.1	3.2	6.6
Q4	2.6	0.9	0.6	-6.6	1.9	2.0	-2.9
2023 Q1	2.1	0.1	1.8	3.3	1.2	0.8	0.7
Q2	1.1	2.6	2.6	1.5	1.3	-0.8	-1.8
Q3	0.3	0.7	-0.1	4.0	0.9	-0.9	-1.0
Q4	0.5	1.8	1.8	-2.5	0.6	1.7	1.4
2024 Q1	0.8	0.3	0.1	0.1	0.2	0.2	-0.4
Q2	0.3	3.0	1.3	-0.5	0.5	0.8	0.6
Percentage change, latest quarter on corresponding quarter of previous year							
	ZZ8U	ZZ8V	ZZ8W	ZZ8X	ZZ8Y	ZZ8Z	ZZ92
2021 Q3	2.8	-3.1	-8.6	4.2	4.9	3.2	4.9
Q4	4.9	0.9	-6.3	5.5	6.5	6.0	8.6
2022 Q1	6.1	-5.6	-5.3	5.5	4.9	9.8	13.7
Q2	9.2	2.1	4.3	7.3	8.6	12.8	19.7
Q3	9.1	2.5	5.9	14.0	4.3	15.5	23.4
Q4	9.5	1.7	6.4	6.1	6.4	13.1	14.0
2023 Q1	9.9	1.2	3.8	11.3	8.0	9.7	10.7
Q2	7.5	4.6	6.6	6.9	6.6	5.2	2.4
Q3	6.2	4.2	5.0	1.9	5.4	1.0	-4.9
Q4	4.1	5.2	6.3	6.4	4.1	0.6	-0.7
2024 Q1	2.8	5.5	4.5	3.0	3.0	0.1	-1.8
Q2	2.0	5.9	3.2	1.0	2.2	1.7	0.6

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^{1,2}, Chained Volume Measures

Seasonally adjusted data

Reference year 2022

	Agri- culture, forestry, and fishing	Total Production	Mining & quarrying inc oil & gas extract	Manu- facturing	Electric, gas, steam & air	Water supply, sewerage	Constr- uction	Total Services	Distrib- ution, hotels & restaurants	Transport, storage and commu- nications	Business services and finance	Govern- ment & other services
Percentage change, latest year on previous year												
Current estimates³												
	L3BB	L3BG	L3BH	L3BN	L3DM	L3DQ	L3DW	L3E2	L3GP	KI8L	KI8N	KI8P
2021	0.7	-0.7	-17.3	3.8	-25.0	5.6	11.9	10.0	14.0	8.7	4.7	16.5
2022	4.7	-6.4	-3.3	-7.4	-7.9	-0.4	7.3	5.9	6.0	13.1	3.4	6.7
2023	0.2	-1.2	-12.8	0.7	3.7	-2.9	2.5	0.4	-1.6	-1.8	1.0	1.6
Previous estimates²												
	A2EQ	A2ER	A2ET	A2ES	A2EU	A2EV	A2EW	A2EY	A2F2	A2F3	A2F4	A2F5
2021	-6.8	-3.9	-23.4	1.6	-32.1	4.4	9.8	10.9	21.1	8.4	5.2	16.9
2022	1.5	-3.4	-1.0	-3.3	-11.2	0.3	6.8	5.6	5.1	8.5	2.7	9.4
2023	-	-0.4	-13.7	1.1	-1.9	-2.3	2.1	0.3	-1.7	0.4	0.5	1.3
Revisions												
	ZZ52	ZZ53	ZZ55	ZZ54	ZZ56	ZZ57	ZZ58	ZZ59	ZZ5A	ZZ5B	ZZ5C	ZZ5D
2021	7.5	3.2	6.1	2.2	7.1	1.2	2.1	-0.9	-7.1	0.3	-0.5	-0.4
2022	3.2	-3.0	-2.3	-4.1	3.3	-0.7	0.5	0.3	0.9	4.6	0.7	-2.7
2023	0.2	-0.8	0.9	-0.4	5.6	-0.6	0.4	0.1	0.1	-2.2	0.5	0.3
Percentage change, latest quarter on previous quarter												
Current estimates³												
	L3BB	L3BG	L3BH	L3BN	L3DM	L3DQ	L3DW	L3E2	L3GP	KI8L	KI8N	KI8P
2021 Q3	-2.2	-2.7	13.2	-2.3	-17.6	0.1	-2.0	2.5	4.5	5.2	0.6	3.0
Q4	-1.1	-1.8	-4.6	-1.8	-4.8	1.2	2.2	1.8	-1.1	4.6	1.7	2.4
2022 Q1	5.7	-1.9	0.3	-2.8	3.5	-0.4	3.0	0.8	0.6	5.1	0.5	-0.2
Q2	1.6	-0.8	1.2	-1.7	4.3	-	2.1	0.2	-0.3	0.1	1.0	-0.4
Q3	-0.1	-1.7	-2.9	-1.9	1.6	-2.1	1.2	0.1	-1.8	0.7	0.3	0.8
Q4	-0.1	-0.1	-5.2	0.4	2.9	-0.6	2.4	0.3	0.9	-0.6	0.4	0.3
2023 Q1	-0.3	-0.3	-7.6	0.9	2.3	0.6	-1.0	0.3	-0.9	-0.6	0.8	0.5
Q2	0.1	0.7	-	1.7	-3.6	-1.7	0.7	-0.2	-0.1	-0.4	-0.4	0.3
Q3	0.4	0.1	0.2	0.1	1.7	-1.3	0.5	-0.2	-0.3	-1.7	-0.4	0.8
Q4	0.2	-1.5	-2.9	-1.2	-3.0	-0.6	-0.4	-0.1	-0.4	-0.1	-	-
2024 Q1	-0.4	0.1	-2.2	0.7	1.3	-2.4	-0.7	0.9	0.5	1.8	0.8	0.9
Q2	0.4	-0.3	-0.5	-0.7	0.3	2.1	-0.2	0.6	0.1	2.5	0.5	0.3
Previous estimates²												
	A2CX	A2CY	A2DO	A2DL	A2DR	A2DS	A2DT	A2DU	A2DV	A2DW	A2DX	A2DY
2021 Q3	2.1	-2.4	15.4	-2.1	-18.4	-0.3	-1.9	2.5	4.8	1.8	0.2	5.3
Q4	0.3	-0.5	-5.3	-0.1	-2.2	0.8	1.5	1.6	-2.8	2.5	0.9	5.3
2022 Q1	-0.4	-	3.0	-0.7	5.1	-	3.2	0.7	0.2	3.4	0.4	0.3
Q2	0.7	-0.6	1.8	-1.0	-0.7	0.9	1.8	0.1	0.3	-0.2	1.1	-1.5
Q3	-	-1.5	-2.8	-1.4	-0.8	-1.4	1.0	-	-1.4	1.6	0.2	-0.2
Q4	-0.5	-	-5.7	0.7	-1.0	-0.8	1.9	0.4	0.1	0.1	0.5	0.4
2023 Q1	-	0.2	-8.0	0.6	1.6	0.7	-0.7	0.2	-1.0	0.8	0.3	0.6
Q2	-	0.8	-0.7	1.6	-3.1	-1.7	0.5	-0.1	-0.1	-0.5	-0.5	0.7
Q3	0.4	-	0.2	-	1.7	-1.3	0.6	-0.2	-0.1	-1.6	-0.3	0.7
Q4	0.2	-1.1	-2.7	-1.0	-2.7	-	-0.9	-0.1	-0.3	-0.3	-0.1	-0.1
2024 Q1	-	0.6	-2.2	1.1	1.4	-2.2	-0.6	0.8	0.7	1.6	0.7	0.8
Q2	0.4	-0.1	-0.8	-0.6	2.5	2.2	-0.1	0.8	0.1	1.8	0.8	0.7
Revisions												
	ZZ4A	ZZ4B	ZZ4D	ZZ4C	ZZ4E	ZZ4F	ZZ4G	ZZ4H	ZZ4I	ZZ4J	ZZ4K	ZZ4L
2021 Q3	-4.3	-0.3	-2.2	-0.2	0.8	0.4	-0.1	-	-0.3	3.4	0.4	-2.3
Q4	-1.4	-1.3	0.7	-1.7	-2.6	0.4	0.7	0.2	1.7	2.1	0.8	-2.9
2022 Q1	6.1	-1.9	-2.7	-2.1	-1.6	-0.4	-0.2	0.1	0.4	1.7	0.1	-0.5
Q2	0.9	-0.2	-0.6	-0.7	5.0	-0.9	0.3	0.1	-0.6	0.3	-0.1	1.1
Q3	-0.1	-0.2	-0.1	-0.5	2.4	-0.7	0.2	0.1	-0.4	-0.9	0.1	1.0
Q4	0.4	-0.1	0.5	-0.3	3.9	0.2	0.5	-0.1	0.8	-0.7	-0.1	-0.1
2023 Q1	-0.3	-0.5	0.4	0.3	0.7	-0.1	-0.3	0.1	0.1	-1.4	0.5	-0.1
Q2	0.1	-0.1	0.7	0.1	-0.5	-	0.2	-0.1	-	0.1	0.1	-0.4
Q3	-	0.1	-	0.1	-	-	-0.1	-	-0.2	-0.1	-0.1	0.1
Q4	-	-0.4	-0.2	-0.2	-0.3	-0.6	0.5	-	-0.1	0.2	0.1	0.1
2024 Q1	-0.4	-0.5	-	-0.4	-0.1	-0.2	-0.1	0.1	-0.2	0.2	0.1	0.1
Q2	-	-0.2	0.3	-0.1	-2.2	-0.1	-0.1	-0.2	-	0.7	-0.3	-0.4

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

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

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

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

continued

Seasonally adjusted data

Reference year 2022

	Agri- culture, forestry, and fishing	Total Production	Mining & quarrying inc oil & 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
Percentage growths, latest quarter on corresponding quarter of previous year												
Current estimates³												
	L3ZZ	L426	L427	L42D	L44C	L44G	L44M	L44Q	L47F	KI12	KIH9	KIH8
2021 Q3	3.0	-5.9	-14.6	-2.3	-34.6	5.1	7.1	12.3	11.4	10.9	5.7	23.7
Q4	-1.0	-9.1	-13.9	-7.2	-34.0	3.6	5.7	12.8	19.0	15.2	4.8	20.2
2022 Q1	1.6	-7.9	-8.9	-7.2	-25.4	1.7	6.2	14.8	28.6	22.2	4.3	21.1
Q2	3.9	-7.0	9.6	-8.4	-15.3	0.9	5.2	5.4	3.7	15.7	3.8	4.8
Q3	6.1	-6.1	-5.9	-8.0	4.4	-1.3	8.7	3.0	-2.6	10.8	3.5	2.7
Q4	7.1	-4.4	-6.5	-5.9	12.9	-3.0	8.9	1.5	-0.7	5.3	2.2	0.5
2023 Q1	1.0	-2.9	-13.9	-2.4	11.6	-2.0	4.7	1.0	-2.2	-0.4	2.5	1.2
Q2	-0.5	-1.4	-14.9	1.0	3.2	-3.7	3.3	0.6	-2.0	-0.9	1.1	1.9
Q3	-	0.5	-12.2	3.0	3.3	-2.9	2.5	0.2	-0.5	-3.2	0.4	1.9
Q4	0.3	-1.0	-10.1	1.3	-2.6	-2.9	-0.3	-0.2	-1.8	-2.7	-0.1	1.6
2024 Q1	0.3	-0.6	-4.8	1.2	-3.6	-5.8	0.1	0.4	-0.4	-0.4	-	2.0
Q2	0.6	-1.6	-5.3	-1.1	0.4	-2.2	-0.8	1.2	-0.2	2.6	0.9	2.0
Previous estimates²												
	A2DZ	A2E2	A2E4	A2E3	A2E5	A2EE	A2EK	A2EL	A2EM	A2EN	A2EO	A2EP
2021 Q3	-4.4	-9.3	-21.0	-4.9	-41.2	3.6	5.1	13.4	18.8	9.9	6.3	25.3
Q4	-0.7	-10.1	-18.7	-6.9	-37.7	1.7	3.2	13.4	23.1	9.7	4.4	26.5
2022 Q1	2.8	-5.4	-8.6	-3.5	-25.0	0.8	7.0	14.7	27.3	14.4	3.2	29.7
Q2	2.7	-3.5	14.6	-3.9	-16.6	1.4	4.6	5.0	2.4	7.7	2.6	9.5
Q3	0.6	-2.6	-3.5	-3.2	1.3	0.3	7.7	2.5	-3.7	7.4	2.7	3.8
Q4	-0.3	-2.1	-3.8	-2.5	2.4	-1.3	8.1	1.2	-0.8	4.9	2.2	-1.0
2023 Q1	0.1	-1.9	-14.1	-1.2	-1.0	-0.6	4.0	0.7	-2.0	2.3	2.2	-0.7
Q2	-0.6	-0.5	-16.2	1.5	-3.4	-3.2	2.7	0.5	-2.4	2.0	0.5	1.5
Q3	-0.2	1.0	-13.5	2.9	-0.9	-3.1	2.3	0.3	-1.0	-1.2	-	2.4
Q4	0.6	-0.1	-10.8	1.3	-2.5	-2.3	-0.6	-0.2	-1.5	-1.6	-0.6	1.9
2024 Q1	0.6	0.3	-5.2	1.7	-2.6	-5.1	-0.4	0.4	0.2	-0.8	-0.2	2.1
Q2	1.0	-0.6	-5.4	-0.5	3.0	-1.3	-1.0	1.3	0.4	1.5	1.1	2.1
Revisions												
	ZZ4N	ZZ4O	ZZ4Q	ZZ4P	ZZ4R	ZZ4S	ZZ4T	ZZ4U	ZZ4V	ZZ4W	ZZ4X	ZZ4Y
2021 Q3	7.4	3.4	6.4	2.6	6.6	1.5	2.0	-1.1	-7.4	1.0	-0.6	-1.6
Q4	-0.3	1.0	4.8	-0.3	3.7	1.9	2.5	-0.6	-4.1	5.5	0.4	-6.3
2022 Q1	-1.2	-2.5	-0.3	-3.7	-0.4	0.9	-0.8	0.1	1.3	7.8	1.1	-8.6
Q2	1.2	-3.5	-5.0	-4.5	1.3	-0.5	0.6	0.4	1.3	8.0	1.2	-4.7
Q3	5.5	-3.5	-2.4	-4.8	3.1	-1.6	1.0	0.5	1.1	3.4	0.8	-1.1
Q4	7.4	-2.3	-2.7	-3.4	10.5	-1.7	0.8	0.3	0.1	0.4	-	1.5
2023 Q1	0.9	-1.0	0.2	-1.2	12.6	-1.4	0.7	0.3	-0.2	-2.7	0.3	1.9
Q2	0.1	-0.9	1.3	-0.5	6.6	-0.5	0.6	0.1	0.4	-2.9	0.6	0.4
Q3	0.2	-0.5	1.3	0.1	4.2	0.2	0.2	-0.1	0.5	-2.0	0.4	-0.5
Q4	-0.3	-0.9	0.7	-	-0.1	-0.6	0.3	-	-0.3	-1.1	0.5	-0.3
2024 Q1	-0.3	-0.9	0.4	-0.5	-1.0	-0.7	0.5	-	-0.6	0.4	0.2	-0.1
Q2	-0.4	-1.0	0.1	-0.6	-2.6	-0.9	0.2	-0.1	-0.6	1.1	-0.2	-0.1

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

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

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

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

Seasonally adjusted data

Reference year 2022

	Final consumption expenditure							less Total imports
	Households	Non-profit institutions ^{3, 5}	General government	Gross Capital Formation	Gross Fixed Capital Formation	Business investment	Total exports	
Percentage change, latest year on previous year								
Current estimates⁴								
	KGZ5	KH26	KH2I	ZZ6H	KG7N	KG7M	KH2U	KH3N
2021	7.0	13.4	14.3	10.2	7.6	1.8	3.2	5.8
2022	7.3	11.3	0.6	2.2	5.1	5.9	12.6	13.0
2023	0.5	4.2	0.6	-3.8	-0.1	2.7	-2.2	-3.4
Previous estimates²								
	A275	A276	A289	A28J	A28L	A29D	A29F	A2CK
2021	7.5	7.1	14.9	8.3	7.4	2.0	4.9	6.1
2022	4.8	12.2	2.3	7.1	8.0	9.6	9.0	14.6
2023	0.2	3.0	0.5	-1.4	2.2	5.5	-0.5	-1.5
Revisions								
	ZZ83	ZZ84	ZZ85	ZZ86	ZZ87	ZZ88	ZZ89	ZZ8A
2021	-0.5	6.3	-0.6	1.9	0.2	-0.2	-1.7	-0.3
2022	2.5	-0.9	-1.7	-4.9	-2.9	-3.7	3.6	-1.6
2023	0.3	1.2	0.1	-2.4	-2.3	-2.8	-1.7	-1.9
Percentage change, latest quarter on previous quarter								
Current estimates⁴								
	KGZ6	KH27	KH2J	ZZ5H	KG7Q	KG7P	KH2V	KH3O
2021 Q3	3.0	1.6	0.2	14.7	-0.4	-1.7	-4.9	4.0
Q4	0.3	-0.1	0.8	-6.9	0.6	0.3	11.0	1.9
2022 Q1	1.3	1.2	-0.1	26.2	3.9	3.0	-5.0	9.9
Q2	1.7	5.6	-3.2	-9.2	-0.1	2.4	7.0	0.6
Q3	0.2	1.1	1.5	-22.1	0.3	0.9	9.6	-3.1
Q4	0.6	1.7	-0.4	-0.4	-1.3	-2.7	0.8	0.6
2023 Q1	-0.4	1.1	-0.7	15.3	2.7	5.5	-7.7	-2.5
Q2	0.5	-0.8	1.7	-1.0	-1.6	-0.5	-	1.4
Q3	-0.7	1.2	0.9	-1.5	-1.7	-3.0	-1.7	-2.4
Q4	-	-0.5	-0.2	-0.9	0.7	1.2	0.1	0.8
2024 Q1	0.6	0.8	0.3	1.0	1.2	0.6	-1.0	-1.2
Q2	0.2	-1.4	1.1	13.8	0.6	1.4	-0.3	6.3
Previous estimates²								
	A24M	A24X	A24Y	A25I	A25J	A25M	A264	A268
2021 Q3	2.9	3.5	0.9	13.9	-0.6	-1.2	-4.4	4.2
Q4	0.3	1.1	1.1	-6.1	0.5	0.8	10.1	2.1
2022 Q1	0.7	4.3	1.0	23.6	5.1	3.1	-7.6	9.5
Q2	0.3	2.4	-2.6	-4.0	0.4	3.1	5.8	2.0
Q3	-0.9	0.3	0.5	-19.1	1.7	2.2	11.0	-3.1
Q4	-0.1	0.5	-0.6	0.8	0.6	0.4	0.3	0.5
2023 Q1	0.9	1.4	-0.8	11.7	2.2	4.4	-6.5	-1.1
Q2	0.4	0.9	2.2	0.5	-1.2	-	-0.3	1.7
Q3	-0.9	-0.2	1.1	-1.9	-1.4	-2.8	-0.1	-1.8
Q4	-0.1	-0.7	0.1	-0.7	0.9	1.4	-0.8	-0.3
2024 Q1	0.4	0.3	-	-0.6	0.9	0.5	-1.0	-2.7
Q2	0.2	-1.0	1.4	13.3	0.4	-0.1	0.8	7.7
Revisions								
	ZZ7L	ZZ7M	ZZ7N	ZZ7O	ZZ7P	ZZ7Q	ZZ7R	ZZ7S
2021 Q3	0.1	-1.9	-0.7	0.8	0.2	-0.5	-0.5	-0.2
Q4	-	-1.2	-0.3	-0.8	0.1	-0.5	0.9	-0.2
2022 Q1	0.6	-3.1	-1.1	2.6	-1.2	-0.1	2.6	0.4
Q2	1.4	3.2	-0.6	-5.2	-0.5	-0.7	1.2	-1.4
Q3	1.1	0.8	1.0	-3.0	-1.4	-1.3	-1.4	-
Q4	0.7	1.2	0.2	-1.2	-1.9	-3.1	0.5	0.1
2023 Q1	-1.3	-0.3	0.1	3.6	0.5	1.1	-1.2	-1.4
Q2	0.1	-1.7	-0.5	-1.5	-0.4	-0.5	0.3	-0.3
Q3	0.2	1.4	-0.2	0.4	-0.3	-0.2	-1.6	-0.6
Q4	0.1	0.2	-0.3	-0.2	-0.2	-0.2	0.9	1.1
2024 Q1	0.2	0.5	0.3	1.6	0.3	0.1	-	1.5
Q2	-	-0.4	-0.3	0.5	0.2	1.5	-1.1	-1.4

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

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

3 Non-profit institutions serving households

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

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

continued

Seasonally adjusted data

Reference year 2022

	Final consumption expenditure							Total exports	less Total imports
	Households	Non-profit institutions ³	General government	Gross capital formation	Gross fixed capital formation	Business investment			
Percentage change, latest quarter on corresponding quarter of the previous year									
Current estimates⁴									
	KGZ7	KH28	KH2K	ZZ5Y	KG7T	KG7S	KH2W	KH3P	
2021 Q3	8.7	17.9	13.9	14.4	8.1	4.2	4.8	11.1	
Q4	11.1	10.8	9.6	-12.2	2.3	-1.0	9.9	-0.6	
2022 Q1	16.6	19.9	8.8	16.0	9.2	9.4	7.2	18.3	
Q2	6.4	8.5	-2.4	22.4	4.0	4.0	7.3	17.1	
Q3	3.5	8.0	-1.0	-16.9	4.7	6.8	23.7	9.2	
Q4	3.8	10.0	-2.2	-11.1	2.7	3.6	12.3	7.8	
2023 Q1	2.1	9.9	-2.8	-18.7	1.6	6.1	9.2	-4.3	
Q2	0.8	3.2	2.2	-11.4	-	3.0	2.0	-3.6	
Q3	-	3.3	1.5	12.0	-1.9	-1.0	-8.5	-2.9	
Q4	-0.7	1.0	1.7	11.4	-	3.0	-9.2	-2.8	
2024 Q1	0.3	0.7	2.7	-2.4	-1.4	-1.8	-2.6	-1.5	
Q2	-	-	2.1	12.2	0.7	0.2	-2.9	3.3	
Previous estimates²									
	A26C	A26H	A26I	A26J	A26K	A26L	A26M	A26N	
2021 Q3	9.2	13.0	15.2	12.1	8.2	5.8	7.1	12.1	
Q4	11.5	8.8	11.0	-13.6	2.7	1.0	11.4	-0.1	
2022 Q1	16.1	22.9	11.1	16.2	10.7	14.5	4.8	21.1	
Q2	4.2	11.7	0.4	26.9	5.5	5.8	2.9	18.9	
Q3	0.3	8.3	-	-9.8	8.0	9.5	19.5	10.5	
Q4	-0.1	7.6	-1.7	-3.2	8.0	9.1	8.9	8.7	
2023 Q1	0.1	4.6	-3.5	-12.6	5.0	10.5	10.2	-1.8	
Q2	0.2	3.2	1.3	-8.4	3.3	7.2	3.9	-2.0	
Q3	0.2	2.7	1.9	11.0	0.1	1.9	-6.5	-0.7	
Q4	0.3	1.5	2.5	9.4	0.5	2.8	-7.6	-1.5	
2024 Q1	-0.2	0.3	3.4	-2.6	-0.8	-1.0	-2.1	-3.0	
Q2	-0.3	-1.7	2.6	9.7	0.8	-1.1	-1.1	2.7	
Revisions									
	ZZ7T	ZZ7U	ZZ7V	ZZ7W	ZZ7X	ZZ7Y	ZZ7Z	ZZ82	
2021 Q3	-0.5	4.9	-1.3	2.3	-0.1	-1.6	-2.3	-1.0	
Q4	-0.4	2.0	-1.4	1.4	-0.4	-2.0	-1.5	-0.5	
2022 Q1	0.5	-3.0	-2.3	-0.2	-1.5	-5.1	2.4	-2.8	
Q2	2.2	-3.2	-2.8	-4.5	-1.5	-1.8	4.4	-1.8	
Q3	3.2	-0.3	-1.0	-7.1	-3.3	-2.7	4.2	-1.3	
Q4	3.9	2.4	-0.5	-7.9	-5.3	-5.5	3.4	-0.9	
2023 Q1	2.0	5.3	0.7	-6.1	-3.4	-4.4	-1.0	-2.5	
Q2	0.6	-	0.9	-3.0	-3.3	-4.2	-1.9	-1.6	
Q3	-0.2	0.6	-0.4	1.0	-2.0	-2.9	-2.0	-2.2	
Q4	-1.0	-0.5	-0.8	2.0	-0.5	0.2	-1.6	-1.3	
2024 Q1	0.5	0.4	-0.7	0.2	-0.6	-0.8	-0.5	1.5	
Q2	0.3	1.7	-0.5	2.5	-0.1	1.3	-1.8	0.6	

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

2 Previous 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)

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

Seasonally adjusted data

	Compensation of employees	Gross operating surplus of corporations	Other income	Taxes on products & production less subsidies
Percentage change, latest year on previous year				
Current estimates³				
	KGI3	KH4V	KH6T	KH65
2021	5.6	4.8	4.9	58.5
2022	7.7	8.7	8.9	33.8
2023	8.1	7.9	10.9	–
Previous estimates²				
	A2CT	A2CU	A2CV	A2CW
2021	5.6	5.3	3.8	58.7
2022	7.5	10.5	8.0	33.8
2023	7.4	4.5	12.3	–0.5
Revisions				
	ZZ8J	ZZ8K	ZZ8L	ZZ8M
2021	–	–0.5	1.1	–0.2
2022	0.2	–1.8	0.9	–
2023	0.7	3.4	–1.4	0.5
Percentage change, latest quarter on previous quarter				
Current estimates³				
	KGI4	KH4W	KH6U	KH66
2021 Q3	1.1	–1.6	0.3	25.3
Q4	0.8	2.0	1.3	15.3
2022 Q1	2.7	–0.1	3.3	2.7
Q2	2.0	3.9	1.9	2.9
Q3	1.8	0.7	2.2	3.1
Q4	2.2	10.1	5.5	–12.3
2023 Q1	2.6	5.2	3.5	–11.2
Q2	2.2	–6.1	0.5	24.7
Q3	0.7	–1.6	1.9	5.0
Q4	0.9	–1.6	–	0.1
2024 Q1	1.3	1.1	3.0	–
Q2	0.9	1.4	0.2	2.6
Previous estimates²				
	A2CL	A2CM	A2CN	A2CO
2021 Q3	1.2	–1.1	–0.3	24.9
Q4	1.1	1.0	1.3	15.8
2022 Q1	2.8	2.4	3.4	2.7
Q2	1.4	5.6	1.1	2.4
Q3	1.8	–1.6	2.8	3.4
Q4	2.0	9.6	4.2	–12.4
2023 Q1	2.1	3.8	4.8	–11.9
Q2	2.1	–5.3	1.3	26.0
Q3	1.1	–3.6	2.5	4.1
Q4	1.0	–3.1	–	–
2024 Q1	1.2	2.2	1.1	3.2
Q2	0.3	3.3	1.3	–1.4
Revisions				
	ZZ8B	ZZ8C	ZZ8D	ZZ8E
2021 Q3	–0.1	–0.5	0.6	0.4
Q4	–0.3	1.0	–	–0.5
2022 Q1	–0.1	–2.5	–0.1	–
Q2	0.6	–1.7	0.8	0.5
Q3	–	2.3	–0.6	–0.3
Q4	0.2	0.5	1.3	0.1
2023 Q1	0.5	1.4	–1.3	0.7
Q2	0.1	–0.8	–0.8	–1.3
Q3	–0.4	2.0	–0.6	0.9
Q4	–0.1	1.5	–	0.1
2024 Q1	0.1	–1.1	1.9	–3.2
Q2	0.6	–1.9	–1.1	4.0

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

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

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

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

continued

Seasonally adjusted data

	Compen- sation of employees	Gross operating surplus of corporations	Other income	Taxes on products & production less subsidies
Percentage change, latest quarter on corresponding quarter of previous year				
Current estimates³				
	KG15	KH4X	KH6V	KH67
2021 Q3	6.7	0.3	4.9	70.4
Q4	4.8	10.1	5.4	72.4
2022 Q1	7.5	9.0	6.1	95.5
Q2	6.7	4.1	6.9	52.7
Q3	7.5	6.6	8.9	25.6
Q4	9.0	15.0	13.5	-4.4
2023 Q1	8.8	21.1	13.7	-17.4
Q2	9.1	9.5	12.2	0.1
Q3	7.9	7.0	12.0	2.0
Q4	6.5	-4.3	6.2	16.4
2024 Q1	5.2	-8.1	5.6	31.1
Q2	3.8	-0.8	5.2	7.9
Previous estimates²				
	A2CP	A2CQ	A2CR	A2CS
2021 Q3	6.7	1.2	3.4	70.6
Q4	5.1	9.2	3.9	72.6
2022 Q1	8.2	10.2	5.4	96.8
Q2	6.6	7.9	5.6	52.0
Q3	7.2	7.4	8.9	25.9
Q4	8.1	16.5	12.0	-4.8
2023 Q1	7.4	18.1	13.5	-18.3
Q2	8.2	5.9	13.6	0.5
Q3	7.5	3.8	13.4	1.2
Q4	6.4	-8.3	8.8	15.5
2024 Q1	5.6	-9.7	4.9	35.4
Q2	3.6	-1.4	5.0	6.0
Revisions				
	ZZ8F	ZZ8G	ZZ8H	ZZ8I
2021 Q3	-	-0.9	1.5	-0.2
Q4	-0.3	0.9	1.5	-0.2
2022 Q1	-0.7	-1.2	0.7	-1.3
Q2	0.1	-3.8	1.3	0.7
Q3	0.3	-0.8	-	-0.3
Q4	0.9	-1.5	1.5	0.4
2023 Q1	1.4	3.0	0.2	0.9
Q2	0.9	3.6	-1.4	-0.4
Q3	0.4	3.2	-1.4	0.8
Q4	0.1	4.0	-2.6	0.9
2024 Q1	-0.4	1.6	0.7	-4.3
Q2	0.2	0.6	0.2	1.9

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)