

Compendium

# The industrial analyses

Analysis of the 10 broad industrial groups' contributions to gross value added, compensation of employees and workforce jobs, and summary supply and use tables.

Contact:  
GDP team  
gdp@ons.gov.uk  
+44 1633 455284

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# 1 . The industrial analysis

Analysis of the 10 broad industrial groups shows that in 2022, the government, health, and education industries provided the largest contribution to gross value added (GVA) at current basic prices. These industries contributed 19.1% to the total GVA of £2,266 billion, with a value of £434 billion. Of the remaining industries:

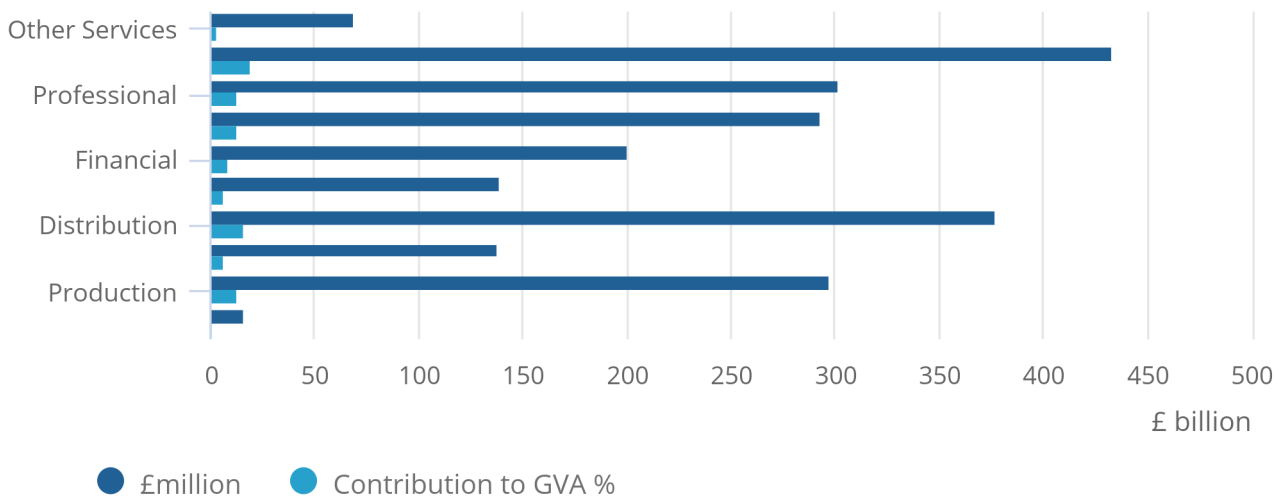
- distribution, transport, hotels and restaurants contributed 16.6%
- professional, scientific and support contributed 13.3%
- production contributed 13.1%
- real estate (including imputed rental of owner-occupied housing) contributed 12.9%

**Figure 1: Government, health and education provided the largest contribution to GVA in 2022**

Breakdown of gross value added (GVA) current basic prices by industry, UK, 2022

Figure 1: Government, health and education provided the largest contribution to GVA in 2022

Breakdown of gross value added (GVA) current basic prices by industry, UK, 2022



Source: Blue Book 2024 from the Office for National Statistics

In 2022, of all goods and services within final demand:



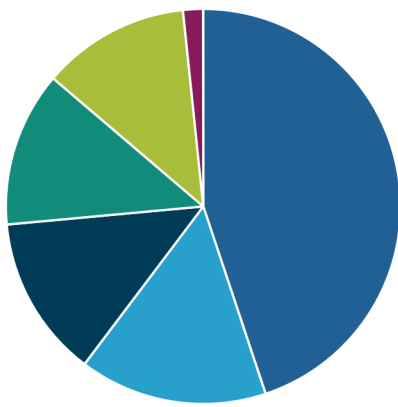
- households consumed 44.9%
- government, both central and local, consumed 15.4%
- gross capital formation, by all sectors of the economy, consumed 13.3%
- 12.7% were exported goods and 12.1% were exported services
- non-profit institutions serving households (NPISH) consumed 1.6%

**Figure 2: Households consumed nearly half of goods and services within final use in 2022**

Breakdown of gross value added current basic prices, by industry, UK, 2022

## Figure 2: Households consumed nearly half of goods and services within final use in 2022

Breakdown of gross value added current basic prices, by industry, UK, 2022



**Source: Blue Book 2024 from the Office for National Statistics**

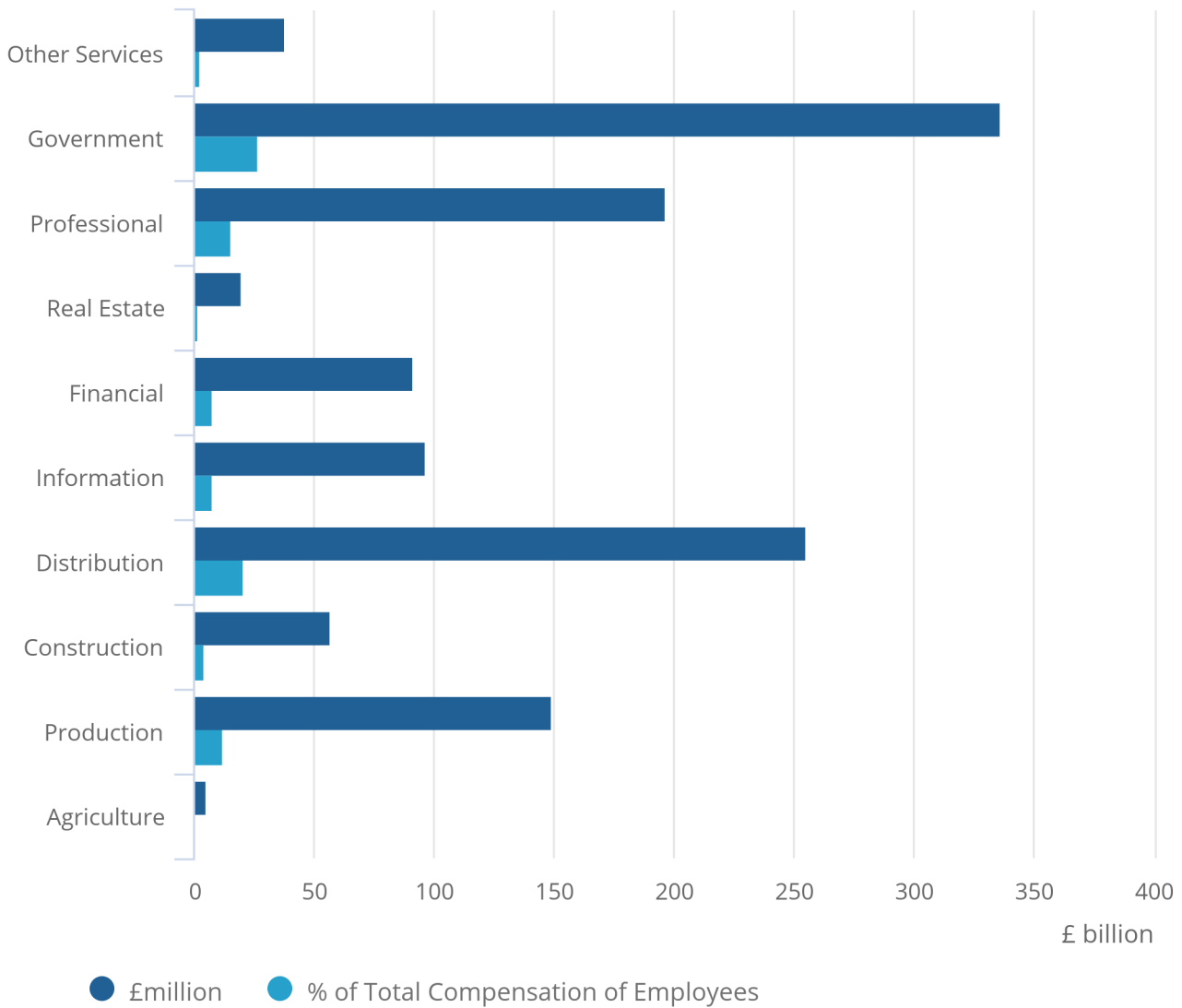
The government, health, and education industries showed the highest level of compensation of employees in 2022 at £336 billion (27.0%). The second largest industry grouping, in terms of their contribution to total compensation of employees, were the distribution, transport, and hotels and restaurants industries at £255 billion (20.5%).

**Figure 3: Government, health and education showed the highest level of compensation of employees in 2022**

Breakdown of compensation of employees in current prices by industry, UK, 2022

**Figure 3: Government, health and education showed the highest level of compensation of employees in 2022**

Breakdown of compensation of employees in current prices by industry, UK, 2022



Source: Blue Book 2024 from the Office for National Statistics

## 2 . Input-output supply and use tables

The annual estimates included in the UK National Accounts, The Blue Book: 2024 edition incorporate the results of annual inquiries that become available in the first part of the year. However, estimates for 2023 are based largely on quarterly information. Any newly-collected data are shown as revisions. To reassess these estimates, supply and use tables (SUTs) are prepared using all the available information on inputs, outputs, gross value added, income and expenditure. To produce consolidated sector and financial accounts requires preparation of "top-to-bottom" sector and subsector accounts to identify discrepancies in the estimates relating to each sector.

The latest annual SUTs provide estimates for the years 1997 to 2022. Data for 2022 are balanced for the first time. Data for 2020 and 2021 have been fully re-balanced. Data from 1997 to 2019 have not been revised. These earlier years are often revised to incorporate changes required under new international standards and guidelines, as well as to make sure the data are comparable and meet user needs. This revision has not been necessary for the Blue Book: 2024 edition.

[Table 2.1a: Summary supply and use tables 2019](#)

[Table 2.1b: Summary supply and use tables 2020](#)

[Table 2.1c: Summary supply and use tables 2021](#)

[Table 2.1d: Summary supply and use tables 2022](#)

Further general information regarding the supply and use framework and the balancing process can be found in our [Guide to UK National Accounts methodology](#).

## 3 . Current price analysis

The analyses of gross value added (GVA) and other variables by industry, shown in Tables 2.1, 2.1A and 2.2 in the [accompanying dataset \(XLS, 3.4 MB\)](#), reflect estimates based on [Standard Industrial Classification 2007 \(SIC 2007\)](#). These tables are based on current price data reconciled through the input-output supply and use framework from 1997 to 2022.

Estimates of total output and GVA are valued at basic prices, the method recommended by the [European System of Accounts 2010 \(ESA 2010\)](#). Therefore, the only taxes and subsidies included in the price will be those paid or received as part of the production process (such as business rates), rather than those associated with the production of a unit of output (such as Value Added Tax).

## 4 . Chained volume indices (2022 equals 100) analyses

Worksheet 2.3 in the [accompanying dataset \(XLS, 3.4 MB\)](#) shows chained volume estimates of gross value added (GVA) at basic prices by industry. These GVA measures are based on appropriately deflated data that have been reconciled through the supply and use tables (SUTs) framework for the years 1997 to 2022.

These industry-level estimates from within the SUTs framework provide more detailed information than those that currently feed into the industry short-term volume estimates. This not only reflects that the annual estimates are based on a wider range of annual surveys and administrative information, but that it is also measuring the correct concept of GVA, rather than turnover as a proxy indicator. Monthly and quarterly industry data in Blue Book 2024 are benchmarked to these annual volume estimates up to 2022.

Data from after the supply use balanced years (2023 onwards) are derived from the movements in the short-term measures of output (such as Index of Production and Index of Services)

## 5 . Workforce jobs by industry

Workforce jobs (WFJ) is the preferred measure of the change in jobs by industry. A person can have more than one job; the number of jobs is not the same as the number of people employed.

[Table 2.4 in the accompanying dataset \(XLS, 3.4 MB\)](#) breaks down WFJ into 10 broad industry groupings on Standard Industrial Classification 2007 (SIC 2007).

The main component of WFJ is employee jobs. Estimates for employee jobs are obtained mainly from surveys of businesses selected from the Inter-Departmental Business Register (IDBR). All other business surveys collecting economic data also use this register.

The Labour Force Survey (LFS), a household survey, collects self-employment jobs data for all SIC sections, employee jobs data for SIC sections A and T, and government-supported trainees data for England. It codes respondents according to their own view of the industry they work in, therefore the industry breakdown is less reliable than that of the business surveys.

WFJ also includes His Majesty's Forces (within industry section O) and government-supported trainees. Government-supported trainees from the devolved administrations are sourced from administrative sources, split by industry using the LFS.

## 6 . Gross value added in current basic prices

The UK National Accounts provide a comprehensive industry breakdown of gross value added (GVA), with activities grouped into 10 broad sections in accordance with Table 2.1 of the [Standard Industrial Classification 2007 \(SIC 2007\)](#).

This also includes supplementary information for the different components that make up GVA for each industry. Under the income approach, GVA is split into compensation of employees (CoE), taxes less subsidies, gross operating surplus (GOS), and mixed income. Estimates of each industry's intermediate consumption and total output are also published, with the difference between the two equalling GVA.

This additional information allows for more detailed analysis of national output to be conducted. For example, CoE can be used to calculate how much of an industry's production income is spent on wages and salaries and employers' social contributions. GOS data can be used to estimate how much profit is generated by companies after considering labour costs and taxes less subsidies.

## 7 . Cite this chapter

Office for National Statistics (ONS), released 31 October 2024, ONS website, compendium chapter, [The industrial analyses, UK National Accounts, The Blue Book: 2024](#)