

# Autumn Statement 2023

## **Data Sources**

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# Preface

This document provides details of the data sources for all the tables, charts, and graphs in the Autumn Statement 2023 document. In addition, it includes further detail of the sources for some data included in the text where information additional to the footnote is helpful to users or where, for reasons of space, it has not been possible to footnote these sources.

This document aims to inform readers where the data used in the charts, tables, and text come from and, where necessary, how they have been calculated.

This document also ensures that the Treasury meets the standards set out by the UK Statistics Authority to comply with the Statistics and Registration Service Act 2007<sup>1</sup> and to align with the Office for Statistics Regulation's guidance on Intelligent Transparency<sup>2</sup>. In particular, this document aims to meet the principles of the UK Statistics Authority's 'Code of Practice for Statistics', with regard to Trustworthiness, Quality and Value, and to provide an example of the voluntary application of this code to outputs that are not official statistics.

The main principle that this document addresses is T3.8 that "Policy, press or ministerial statements referring to regular or ad-hoc official statistics should be issued separately from, and contain a prominent link to, the source statistics. The statements should meet basic professional standards of statistical presentation including accuracy, clarity and impartiality." It does this by:

- distinguishing clearly between outturn data that are official statistics, and other data and estimates that are not official statistics<sup>3</sup>. Examples of estimates that are not official statistics

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1 [Code of Practice for Statistics \(statisticsauthority.gov.uk\)](https://www.statisticsauthority.gov.uk/code-of-practice-for-statistics/), UK Statistics Authority, 2022.

2 [Regulatory guidance on intelligent transparency](https://www.statisticsauthority.gov.uk/regulatory-guidance-on-intelligent-transparency/) – Office for Statistics Regulation (statisticsauthority.gov.uk), September 2023.

3 The 'official statistics' label refers to a specified subset of the quantitative information produced by the government and its nominated agents. Official statistics are produced and published in accordance with provisions set out in the Statistics and Registration

include forecasts, management information, economic estimates calculated by HM Treasury or other government departments which are constructed using assumptions or judgements and where the results of economic analyses have a material effect on the resulting estimate.

- for outturn data that are official statistics, by clearly referring to the source of the statistics and provide a link to the statistical release. Where possible, the sources that are used and shown are accredited official statistics<sup>4</sup>.
- by producing charts taking account of the Government Analysis Function guidance<sup>5</sup>.

Full details of sources are only provided for outturn data up to 2022-23. Data for future years are forecasts, which are outside the domain of official statistics. Estimates of the impacts and costings of government policy decisions fall into the same category, as these are estimated, rather than measured or compiled using statistical processes.

In many cases, data for 2023-24 onwards are taken from the Office for Budget Responsibility's (OBR) November 2023 'Economic and Fiscal Outlook' (EFO).<sup>6</sup> Where this is the case, it is mentioned in the text or in this document.

Time series for data that are shown with Office for National Statistics (ONS) time series identifier codes can be downloaded from the ONS website at: [www.ons.gov.uk](http://www.ons.gov.uk)

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Service Act 2007 and in supplementary statistical legislation, and in line with the Code of Practice for Statistics.

4 'Accredited official statistics' are a subset of 'official statistics' which have been formally certified by the UK Statistics Authority to be compliant with the professional standards set out in the Code. Public bodies that produce accredited official statistics have a statutory duty to continue to comply with the Code.

5 [Data Visualisation: Charts](#), Government Analysis Function, 2023

6 Economic and Fiscal Outlook, OBR, November 2023.

# Chapter 1

## Paragraph 1.1

Data

UK Consumer Price Index Inflation Rate

Data Source, including ONS source code if applicable

Office for National Statistics

CPI Inflation Annual rate, all items (D7G7)

Further reference information

Consumer price inflation, UK: October 2023

<https://www.ons.gov.uk/economy/inflationandpriceindices/bulletins/consumerpriceinflation/october2023>

## Paragraph 1.4

Data

UK Forecast Gross Domestic Product

UK Forecast Business Investment

UK Forecast Potential Output

Data Source, including ONS source code if applicable

Office for Budget Responsibility, Economic and Fiscal Outlook, November 2023

Office for Budget Responsibility, Economic and Fiscal Outlook, March 2023

Further reference information

Office for Budget Responsibility, Economic and Fiscal Outlook, November 2023

<https://obr.uk/publications/>

## Paragraph 1.5

Data

UK Forecast Public Sector Net Debt Excluding the Bank of England

UK Forecast Public Sector Net Borrowing

Data source, including ONS source code if applicable

Office for Budget Responsibility, Economic and Fiscal Outlook,  
November 2023

Further reference information

<https://obr.uk/publications/>

## Paragraph 1.6

Data

Percentage quarter-on-quarter change in gross domestic product, UK,  
Germany, Italy, Euro Area

UK Forecast Gross Domestic Product

Household consumption

Data source, including ONS source code if applicable

ONS, Gross Domestic Product: Quarter on Quarter growth: CVM SA %  
(IHYQ)

HMT calculations using quarterly national accounts data sourced from  
Eikon Refinitiv

Office for Budget Responsibility

ONS, Household final consumption expenditure: National concept CVM  
SA (ABJR)

Further reference information

OBR Economic and Fiscal Outlook – November 2023

<https://obr.uk/publications/>

GDP first quarterly estimate, UK: October to December 2022

[https://www.ons.gov.uk/economy/grossdomesticproductgdp/bulletins/  
gdpfirstquarterlyestimateuk/julytoseptember2023](https://www.ons.gov.uk/economy/grossdomesticproductgdp/bulletins/gdpfirstquarterlyestimateuk/julytoseptember2023)

## Box 1.A

Data

Greater data uncertainty during the pandemic led to higher GDP  
revisions

Real GDP revisions, Nominal GDP revisions

Real GDP growth across selected advanced economies

Output in the health, education and public administration, and defence sectors

Public sector output per hour worked

Business investment, Household consumption, Household saving ratio, Real incomes

Since the pandemic, the UK has recovered more rapidly than Germany and at a similar rate to France.

**Data source, including ONS source code if applicable**

ONS, ABMI, YBHA and HMT calculations

HM Treasury calculations using ONS GDP (Output) data (Total output less public sector)

Outturn and HM Treasury calculations using ONS GDP (Output) data (Health Education and Total Hours Worked)

ONS Output per hour worked (government services)

ONS:

Gross Fixed Capital Formation: Business Investment: CVM SA, NPEL

Household final consumption expenditure: CVM SA, ABJR,

Households & NPISH saving ratio: CP: SA, NRJS

HN: Real households disposable income: CVM SA £m, NRJR

HMT calculations using quarterly national accounts data sourced from Eikon Refinitiv

**Further reference information**

Pre-pandemic level and changes since the pandemic refer to changes since 2019 Q4.

Measuring GDP: Revisions are fact of statistical life

<https://blog.ons.gov.uk/2023/09/13/measuring-gdp-revisions-are-fact-of-statistical-life/>

GDP at current prices – revision triangles (YBHA), GDP first quarterly estimate, UK: October to December 2022

<https://www.ons.gov.uk/economy/grossdomesticproductgdp/datasets/revisionstrianglesforukgdpbybhagrowthrates>

GDP in chained volume measures – revision triangles (ABMI), GDP first quarterly estimate, UK: October to December 2022

<https://www.ons.gov.uk/economy/grossdomesticproductgdp/datasets/revisionstrianglesforukgdpabmi>

GDP output approach – low-level aggregates

<https://www.ons.gov.uk/economy/grossdomesticproductgdp/datasets/ukgdpolowlevelaggregates>

Productivity overview, UK: April to June 2023

<https://www.ons.gov.uk/employmentandlabourmarket/peopleinwork/labourproductivity/articles/ukproductivityintroduction/apriltojune2023>

GDP first quarterly estimate, UK: July to September 2023

<https://www.ons.gov.uk/economy/grossdomesticproductgdp/bulletins/gdpfirstquarterlyestimateuk/julytoseptember2023>

UK Economic Accounts time series

<https://www.ons.gov.uk/economy/grossdomesticproductgdp/datasets/unitedkingdomeconomicaccounts>

## **Paragraph 1.7**

Data

Contributions to growth, business investment and consumption

Business investment growth

Data source, including ONS source code if applicable

ONS

Contributions to growth, household consumption, KGZ6

Contributions to growth, business investment, KG7P

Business investment NPEL

Further reference information

Pre-pandemic level and changes since the pandemic refer to changes since 2019 Q4.

GDP quarterly national accounts, UK: April to June 2023

<https://www.ons.gov.uk/economy/grossdomesticproductgdp/bulletins/quarterlynationalaccounts/apriltojune2023>

## **Paragraph 1.8**

Data

Real Incomes

Inflationary pressures are not spread equally amongst households



UK forecast of real incomes

Data source, including ONS source code if applicable

ONS, NRJR Real Household Disposable Income CVM NSA.

Office for Budget Responsibility

Further reference information

Pre-pandemic level and changes since the pandemic refer to changes since 2019 Q4.

Quarterly sector accounts, UK: April to June 2023:

<https://www.ons.gov.uk/economy/nationalaccounts/uksectoraccounts/bulletins/quarterlysectoraccounts/apriltojune2023>

OBR Economic and Fiscal Outlook – March 2023:

<https://obr.uk/efo/economic-and-fiscal-outlook-march-2023/>

Inflation and cost of living for household groups, UK: October 2022

[Inflation and cost of living for household groups, UK - Office for National Statistics \(ons.gov.uk\)](https://www.ons.gov.uk/inflationandpriceindices/bulletins/costoflivingforhouseholdgroups/october2022)

## **Paragraph 1.9**

Data

CPI annual inflation rate and its components: household energy, food and services

Data source, including ONS source code if applicable

Office for National Statistics:

CPI annual inflation rate, D7G7

Household energy, D7CH

Food, D7C8

Services, D7F5

Further reference information

Consumer price inflation, UK: October 2023:

<https://www.ons.gov.uk/economy/inflationandpriceindices/bulletins/consumerpriceinflation/october2023>

## **Paragraph 1.10**

Data

OBR March 2023 inflation projection

Reasons for inflation projections

ONS CPI annual rate and its components: services

Data Source, including ONS source code if applicable

Office for National Statistics:

CPI annual inflation rate, D7G7

Services, D7F5

Office for Budget Responsibility

Further reference information

Consumer price inflation, UK: October 2023:

<https://www.ons.gov.uk/economy/inflationandpriceindices/bulletins/consumerpriceinflation/october2023>

OBR Economic and Fiscal Outlook – March 2023:

<https://obr.uk/efo/economic-and-fiscal-outlook-march-2023/>

OBR Forecast Evaluation Report – October 2023:

<https://obr.uk/fer/forecast-evaluation-report-october-2023/>

## **Paragraph 1.11**

Data

Easing of recruitment difficulties

Vacancies have fallen

Wage growth remains high

Data source, including ONS source code if possible

KPMG and REC

Office for National Statistics:

Vacancies (AP2Y)

Number of Unemployed people per Vacancy (JPC5)

Annual Growth in employee's average total pay (including Bonuses) (KAC3)

Further reference information

KPMG and REC – Report on Jobs: Caution around permanent staff hiring persists in October amid economic uncertainty:

<https://www.rec.uk.com/our-view/news/press-releases/report-jobs-caution-around-permanent-staff-hiring-persists-october-amid-economic-uncertainty>

ONS – Labour market overview, UK: November 2023:

<https://www.ons.gov.uk/employmentandlabourmarket/peopleinwork/employmentandemployeetypes/bulletins/uklabourmarket/november2023>

### **Paragraph 1.12**

Data

Experimental unemployment rate

Real-time PAYE employment

Data source, including ONS source code if possible

Office for National Statistics

Unemployment rate % (MGSX)

PAYE employment

Further reference information

ONS – Using administrative data to create headline labour market figures:

<https://www.ons.gov.uk/employmentandlabourmarket/peopleinwork/employmentandemployeetypes/articles/usingadministrativedatatocreateheadlineheadlinelabourmarketfigures/2023-11-14>

ONS – Labour market overview, UK: November 2023:

<https://www.ons.gov.uk/employmentandlabourmarket/peopleinwork/employmentandemployeetypes/bulletins/uklabourmarket/november2023>

### **Paragraph 1.13**

Data

UK Debt Interest

Data source, including ONS source code if applicable

Office for National Statistics, Central government debt interest payable, NMFx)

Further reference information

[Public sector finances, UK - Office for National Statistics \(ons.gov.uk\)](https://www.ons.gov.uk/publicsectorfinances)

### **Paragraph 1.14**

Data

UK Year to Date Public Sector Net Borrowing

Data source, including ONS source code if applicable

Office for National Statistics, Public sector net borrowing (J5I1)

Office for Budget Responsibility, Commentary on the public sector finances

Office for Budget Responsibility, March 2023 Economic and fiscal outlook monthly profiles

Further reference information

[Public sector finances, UK - Office for National Statistics \(ons.gov.uk\)](https://ons.gov.uk)

[Monthly public finances release - Office for Budget Responsibility \(obr.uk\)](https://obr.uk)

### **Paragraph 1.15**

Data

UK Forecast Public Sector Net Debt

UK General Government Gross Debt

Data source, including ONS source code if applicable

Office for Budget Responsibility, Economic and Fiscal Outlook, November 2023

International Monetary Fund, Fiscal Monitor, October 2023

Further reference information

<https://obr.uk/publications/>

<https://www.imf.org/-/media/Files/Publications/fiscal-monitor/2023/October/English/text.ashx>

### **Box 1.B**

Data

UK General Government Gross Debt

UK General Government Net Borrowing

Data source, including ONS source code if applicable

International Monetary Fund, Fiscal Monitor, October 2023

Further reference information

<https://www.imf.org/-/media/Files/Publications/fiscal-monitor/2023/October/English/text.ashx>

### **Paragraph 1.16**

Data

UK Consumer Price Index Inflation Rate

Data source, including ONS source code if applicable

CPI Inflation Annual rate, all items (D7G7)

Further reference information

ONS CPI inflation Annual Rate:

<https://www.ons.gov.uk/economy/inflationandpriceindices/timeseries/d7g7/mm23>

### **Paragraph 1.17**

Data

UK productivity growth

Data Source, including ONS source code if applicable

Office for National Statistics

Further reference information

Productivity overview, UK: April to June 2023

<https://www.ons.gov.uk/economy/economicoutputandproductivity/productivitymeasures/datasets/outputperhourworkeduk>

### **Paragraph 1.18**

Data

UK forecast for business investment

UK forecast for potential output

UK forecast for stock of capital

Data Source, including ONS source code if applicable

Office for Budget Responsibility

Further reference information

OBR Economic and Fiscal Outlook – November 2023

<https://obr.uk/publications/>

### **Paragraph 1.19**

Data

Labour Market Participation

Inactivity due to long term sickness

Data Source, including ONS source code if applicable

ONS,

Labour Market Participation, LF2M

Inactivity due to long term sickness, LF69

Further reference information

Labour market overview, UK: November 2023:

<https://www.ons.gov.uk/employmentandlabourmarket/peopleinwork/employmentandemployeetypes/bulletins/uklabourmarket/november2023>

### **Paragraph 1.22**

Data

UK Forecast Gross Domestic Product

Data Source, including ONS source code if applicable

Office for Budget Responsibility

Further reference information

OBR Economic and Fiscal Outlook – November 2023

<https://obr.uk/publications/>

### **Paragraph 1.23**

Data

UK Forecast Gross Domestic Product

UK Forecast Unemployment

Data Source, including ONS source code if applicable

Office for Budgetary Responsibility

Further reference information

OBR Economic and Fiscal Outlook – November 2023

<https://obr.uk/publications/>

### **Paragraph 1.27**

Data

UK Forecast Public Sector Net Borrowing

UK Forecast Public Sector Net Debt excluding the Bank of England

UK Forecast Public Sector Net Debt

Data source, including ONS source code if applicable

Office for Budget Responsibility, Economic and Fiscal Outlook,  
November 2023

Further reference information

<https://obr.uk/publications/>

### **Paragraph 1.28**

Data

UK Forecast Public Sector Net Borrowing

UK Forecast Current Budget Deficit

Data source, including ONS source code if applicable

Office for Budget Responsibility, Economic and Fiscal Outlook,  
November 2023

Further reference information

<https://obr.uk/publications/>

### **Paragraph 1.29**

Data

UK Forecast Public Sector Net Borrowing

Data source, including ONS source code if applicable

Office for Budget Responsibility, Economic and Fiscal Outlook,  
November 2023

Further reference information

<https://obr.uk/publications/>

### **Paragraph 1.30**

Data

UK Forecast Tax Receipts

UK Forecast Debt Interest

Data source, including ONS source code if applicable

Office for Budget Responsibility, Economic and Fiscal Outlook, November 2023

Further reference information

<https://obr.uk/publications/>

### **Paragraph 1.35**

Data

UK Forecast Inflation

Data source, including ONS source code if applicable

Office for Budget Responsibility

Further reference information

Economic and Fiscal Outlook: November 2023, March 2023 publications

<https://obr.uk/publications/>

### **Paragraph 1.36**

Data

UK Forecast RHDl

Data source, including ONS source code if applicable

Office for Budget Responsibility

Further reference information

Economic and Fiscal Outlook: November 2023, March 2023 publications

<https://obr.uk/publications/>

### **Paragraph 1.37**

Data

Total Departmental Spending (DEL)

Data source, including ONS source code if applicable

HMT, Public Expenditure Spending Analyses, July 2023



OBR, Economic and Fiscal Outlook, November 2023

Further reference information

<https://www.gov.uk/government/statistics/public-expenditure-statistical-analyses-2023>

<https://obr.uk/publications/>

### **Paragraph 1.41**

Data

UK Forecast Public Sector Net Debt Excluding the Bank of England  
Headroom against UK Fiscal rules

Data source, including ONS source code if applicable

Office for Budget Responsibility, Economic and Fiscal Outlook,  
November 2023

Further reference information

<https://obr.uk/publications/>

### **Paragraph 1.43**

Data

UK Forecast Public Sector Net Worth  
UK Forecast Public Sector Net Financial Liabilities

Data source, including ONS source code if applicable

Office for Budget Responsibility, Economic and Fiscal Outlook,  
November 2023

Further reference information

<https://obr.uk/publications/>

### **Box 1.E**

Data

Asset Purchase Facility, cash transfers

Data source, including ONS source code if applicable

Office for Budget Responsibility, Economic and Fiscal Outlook – March  
2023

Office for National Statistics, Public Sector Finances (Appendix A: Table  
PSA9B)

Further reference information

[Economic and Fiscal Outlook, March 2023, Box 4.4 The Fiscal Impacts of Quantitative Easing and Quantitative Tightening](#)

[Public sector finances tables 1 to 10: Appendix A](#)

## Charts and Tables

### Chart 1.1

#### Data

Revisions to Real GDP since the Pandemic

Data Source, including ONS source code if applicable

ONS: ABMI and HMT calculations

#### Further reference information

GDP in chained volume measures – revision triangles (ABMI), GDP first quarterly estimate, UK: October to December 2022

<https://www.ons.gov.uk/economy/grossdomesticproductgdp/datasets/revisionstrianglesforukgdpabmi>

### Chart 1.2

#### Data

General Government Gross Debt as a percentage of GDP of the G7 in 2022

Data Source, including ONS source code if applicable

International Monetary Fund

#### Further reference information

IMF Fiscal monitor October 2023

<https://www.imf.org/-/media/Files/Publications/fiscal-monitor/2023/October/English/text.ashx>

### Chart 1.3

#### Data

General Government net borrowing as a percentage of GDP of the G7 in 2028

Data Source, including ONS source code if applicable

Office for Budget Responsibility and International Monetary Fund

#### Further reference information

OBR Economic and Fiscal Outlook November 2023, IMF Fiscal monitor October 2023

<https://obr.uk/publications/>

<https://www.imf.org/-/media/Files/Publications/fiscal-monitor/2023/October/English/text.ashx>

## **Chart 1.4**

### Data

Business investment in selected advanced economies

The chart uses OECD data on non-financial corporations' investment to ensure comparability across countries. This differs from the definition of business investment used for UK data by the ONS.

Gross Domestic Product in current prices

Data Source, including ONS source code if applicable

OECD and HMT calculations

Further reference information

OECD Statistics: National accounts, non-financial accounts by economic sector

<https://stats.oecd.org/>

## **Chart 1.5**

### Data

Public sector net borrowing

Outturn data and the OBR's Spring 2023 forecast for public sector net borrowing as a percentage of GDP

Data Source, including ONS source code if applicable

Office for National Statistics (ONS) – J51J in PSA5A from latest outturns as of November 2023 from ONS/HM Treasury Public Sector Finances Statistical Bulletin

Office for Budget Responsibility (OBR)

Further reference information

ONS Public Sector Finances October 2023

OBR Economic and Fiscal Outlook November 2023

<https://www.ons.gov.uk/economy/governmentpublicsectorandtaxes/publicsectorfinance/bulletins/publicsectorfinances/october2023>

<https://obr.uk/publications/>

## **Chart 1.6**

### Data

Fiscal Stance

Public sector net borrowing as a percentage of GDP

Cyclically adjusted primary deficit as a percentage of GDP

Data Source, including ONS source code if applicable

Office for National Statistics (ONS)

Source codes: J5II, JW2L, JW2M, JW2P, BKTL

Office for Budget Responsibility (OBR)

Further reference information

ONS Public Sector Finances October 2023

OBR Economic and Fiscal Outlook November 2023

OBR databank February 2023

<https://www.ons.gov.uk/economy/governmentpublicsectorandtaxes/publicsectorfinance/bulletins/publicsectorfinances/october2023>

<https://obr.uk/publications/>

<https://obr.uk/data/>

## **Chart 1.7**

### Data

Four measures of the public sector balance sheet

Outturn data and the OBR's November 2023 forecast for public sector net debt, public sector net debt excluding the Bank of England, public sector net financial liabilities and public sector net worth. All as a percentage of GDP

Data Source, including ONS source code if applicable

Office for National Statistics – CPOA, HF6X and CPOE in PSA1 from latest outturns as of November 2023 from ONS/HM Treasury Public Sector Finances Statistical Bulletin

Public sector net worth is shown on the Government Finance Statistics Manual basis – Appendix E, International Monetary Fund's Government

in the public sector finances, August 2023 – Balance Sheet – Public Sector, Codes 6, 6M3 and 6M35

Office for Budget Responsibility (OBR)

**Further reference information**

ONS Public Sector Finances October 2023

ONS Public Sector Finances, Appendix E, IMF's GFSM

OBR Economic and Fiscal Outlook November 2023

<https://www.ons.gov.uk/economy/governmentpublicsectorandtaxes/publicsectorfinance/bulletins/publicsectorfinances/october2023>

<https://www.ons.gov.uk/economy/governmentpublicsectorandtaxes/publicsectorfinance/datasets/internationalmonetaryfundsgovernmentfinancestatisticsframeworkinthepublicsectorfinancesappendixe>

<https://obr.uk/publications/>

**Table 1.1**

**Data**

Changes in borrowing since March 2023.

OBR's November 2023 forecast for headline debt and borrowing metrics

**Data Source, including ONS source code if applicable**

Office for Budget Responsibility

**Further reference information**

OBR Economic and Fiscal Outlook November 2023

<https://obr.uk/publications/>

**Table 1.2**

**Data**

Newly approved contingent liabilities since Spring Budget 2023

**Data Source, including ONS source code if applicable**

HM Treasury's contingent liability database and the Contingent Liability Central Capability (CLCC) analysis

**Further reference information**

HM Treasury

### **Table 1.3**

#### Data

Overview of the OBR's economic forecast

Summary of economic EFO forecast and recent outturns

#### Data Source, including ONS source code if applicable

OBR Economic and Fiscal Outlook, March 2023

Office for National Statistics (ONS):

Real GDP (YBEZ)

GDP per capita (YBHA/EBAQ)

Household final consumption expenditure (ABJR)

Government consumption (NMRY)

Change in inventories (CAFU)

Business investment (NPEL)

Government investment (DLWF)

Private dwellings investment (L636)

Exports (IKBK)

Imports (IKBL)

CPI inflation (D7BT)

ILO unemployment rate (MGSX)

Employment in millions (MGRZ)

#### Further reference information

OBR Economic and Fiscal Outlook November 2023

<https://obr.uk/publications/>

Uses projections calculated from economic estimates, detailed forecasting models, and include numerous assumptions that have a material impact; they are therefore outside the domain of official statistics

### **Table 1.4**

#### Data

Overview of the OBR's fiscal forecast (% GDP)

Data Source, including ONS source code if applicable

Office for Budget Responsibility (OBR)

Further reference information

OBR Economic and Fiscal Outlook November 2023

<https://obr.uk/publications/>

Uses projections calculated from economic estimates, detailed forecasting models, and include numerous assumptions that have a material impact; they are therefore outside the domain of official statistics



# Chapter 2

## Table 2.1

### Data

Resource Departmental Expenditure Limits (RDEL) Excluding Depreciation

Resource Departmental Expenditure Limits (RDEL) Excluding Depreciation: 22-23 outturn, in-year plans and future years plans

Data source, including ONS source code if applicable

HM Treasury Public Spending Statistics

HM Treasury DEL plans

Office for Budget Responsibility Allowance for Shortfall

### Further reference information

Public Expenditure Statistical Analyses from July 2023:

<https://www.gov.uk/government/collections/public-expenditure-statistical-analyses-pesa>

OBR Economic and Fiscal Outlook November 2023

<https://obr.uk/publications/>

## Table 2.2

### Data

Capital Departmental Expenditure Limits (CDEL)

Capital Departmental Expenditure Limits (CDEL) 22-23 outturn, in-year plans and future years plans

Data source, including ONS source code if applicable

HM Treasury Public Spending Statistics

HM Treasury DEL plans

Office for Budget Responsibility Allowance for Shortfall

### Further reference information

Public Expenditure Statistical Analyses from July 2023:

<https://www.gov.uk/government/collections/public-expenditure-statistical-analyses-pesa>

OBR Economic and Fiscal Outlook November 2023

<https://obr.uk/publications/>

## Chart 2.1

### Data

Total Departmental Expenditure Limits (DEL)

Total DEL outturn from 2010-11 to 2021-22, in-year plans Total DEL in 2023-24, and forecast Total DEL in 2024-25 to 2028-29; for relevant years (2019-20 to 2023-24) COVID-19 funding and Energy support funding in DEL are shown as additional. The chart excludes SCAPE funding.

Data source, including ONS source code if applicable

HM Treasury Public Spending Statistics

<https://www.gov.uk/government/collections/public-expenditure-statistical-analyses-pesa>

HM Treasury DEL plans

Office for Budget Responsibility

## Chart 2.2

### Data

Total Managed Expenditure (as % of GDP)

Total Managed Expenditure, as a % of GDP from 1946-47 to 2028-29, covering outturn and plans

Data source, including ONS source code if applicable

HM Treasury Public Spending Statistics

Office for National Statistics (CDID FZM3)

Office for Budget Responsibility

### Further reference information

HM Treasury Public Spending Statistics

<https://www.gov.uk/government/collections/public-expenditure-statistical-analyses-pesa>

ONS Public Sector Finances October 2023

<https://www.ons.gov.uk/economy/governmentpublicsectorandtaxes/publicsectorfinance/bulletins/publicsectorfinances/october2023>

OBR Economic and Fiscal Outlook November 2023

<https://obr.uk/publications/>

# Chapter 3

## Paragraph 3.14

### Data

The figures on workers benefitting from the NMW / NLW increases are estimates of the number of workers who will receive a pay rise to meet the new NMW / NLW rates.

This is calculated using the latest data from the Annual Survey of Hours and Earnings, average weekly earnings, and an independent panel of wage forecasts published by HMT. Figures are subject to revision.

Data source, including ONS source code if applicable

ASHE

<https://www.ons.gov.uk/employmentandlabourmarket/peopleinwork/earningsandworkinghours/bulletins/annualsurveyofhoursandearnings/2023>

AWE

<https://www.ons.gov.uk/employmentandlabourmarket/peopleinwork/employmentandemployeetypes/bulletins/averageweeklyearningsingreatbritain/november2023>

## Chart 3.1

### Data

Net annual earnings for a full-time worker on the National Living Wage in cash terms and real terms

HM Treasury calculations of take-home pay based on historical rates for national minimum/living wage using historical tax/NI bands and rates, adjusted for inflation using OBR Economic and Fiscal Outlook November 2023.

Data source, including ONS source code if applicable

Office for National Statistics (Consumer price inflation time series – MM23), Office for Budget Responsibility, historical NMW/NLW rates, historical tax/NI bands and rates. HM Treasury calculations.

Further reference information

<https://www.gov.uk/government/publications/20-years-of-the-national-minimum-wage>

<https://www.gov.uk/government/publications/rates-and-allowances-income-tax/income-tax-rates-and-allowances-current-and-past>

<https://www.ons.gov.uk/economy/inflationandpriceindices>

# Chapter 4

## Chart 4.1

### Data

Decomposition of the UK's output per hour worked gap with selected economies, 2019

Calculations use GDP and GDP per hour worked at current prices and adjusted for purchasing power parity from OECD's data warehouse. Calculations also use Penn World Tables (version 10.01) data on capital services at current purchasing power parities, index of human capital per person, and the share of labour compensation in GDP.

Data source, including ONS source code if applicable

Penn World tables v10.01, OECD, HM Treasury calculations

### Further reference information

For each country, the decomposition of the GDP per hour worked gap is calculated by estimating the proportion of the gap that can be attributed to differences in capital deepening, labour composition and total factor productivity using estimates of capital services, hours worked, an index of human capital, and the labour share of income.

Penn World Tables 10.01: [PWT 10.01 | Penn World Table | Groningen Growth and Development Centre | University of Groningen \(rug.nl\)](#)

<https://stats.oecd.org/>

## Chart 4.2

### Data

Headline Corporation Tax rate, G7 countries, 2023

OECD

Data source, including ONS source code if applicable

OECD tax database, Corporate Income Tax rate including surcharges and sub-national rates

### Further reference information

[https://stats.oecd.org/index.aspx?DataSetCode=Table\\_III](https://stats.oecd.org/index.aspx?DataSetCode=Table_III)

## Chart 4.3

### Data

Net present value of plant and machinery capital allowances, 2022  
OECD regimes

HMRC analysis, using data from the Tax Foundation's 2023 capital cost recovery publication on OECD countries' 2022 capital allowance regimes

Data source, including ONS source code if applicable

Capital Cost Recovery across the OECD, 2023, Tax Foundation

Further reference information

The US, Canada and Chile are in the process of phasing out their temporary full expensing policies for plant and machinery capital allowances since the data in this chart was published, which mean that NPVs for these countries are now expected to be lower

<https://taxfoundation.org/data/all/global/capital-allowances-cost-recovery-2023/#oecd>

To calculate the net present values, a fixed discount rate of 7.5 percent is assumed (fixed inflation rate of 2 percent and fixed real discount rate of 5.5 percent).

## **HM Treasury contacts**

This document can be downloaded from [www.gov.uk](http://www.gov.uk)

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