



# Accessing ABS data

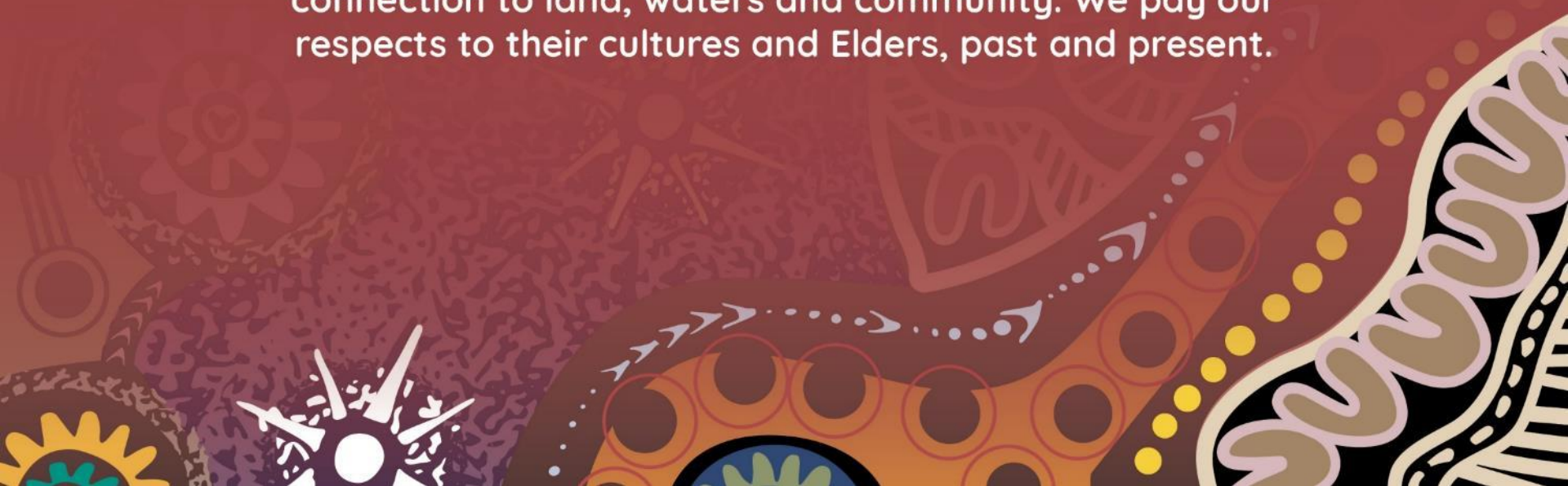
Queensland Economic Teachers Association

**AUSTRALIAN BUREAU OF STATISTICS**  
Informing Australia's important decisions



Our Story.  
Our Future.

The Australian Bureau of Statistics acknowledges the Traditional Owners and Custodians of Country throughout Australia and recognises their continuing connection to land, waters and community. We pay our respects to their cultures and Elders, past and present.



*To inform Australia's important decisions by delivering relevant, trusted, and objective data, statistics, and insights.*

- ▶ trusted official statistics on a wide range of economic, social, population, and environmental matters of importance to Australia.
  - enhancing the use of public data for statistical purposes and improving the Australian Government's data and statistical capabilities.
  - advising official bodies on producing and using data and statistics, formulates standards, works with states and territories, and liaises with other national statistical organisations.
  - leading the Australian Public Service (APS) Data Profession to build the data capabilities of the APS workforce.
- ▶ The primary functions, duties and powers of the ABS are set out in the Australian Bureau of Statistics Act 1975 and the Census and Statistics Act 1905.

# ABS at a glance



**505**  
statistical  
releases



**19,417,535**  
ABS website  
sessions

**34,769**  
DataLab  
sessions



**10,374,579**  
calls to the ABS  
application programming  
interface (API) service



Media coverage  
providing a potential  
audience reach  
average of approx.  
**6 million per day**



**1,439**  
media enquiries  
and interviews

ABS social media followers – **Total 373,958**



**166,739\***  
Facebook



**85,579**  
Twitter



**94,468**  
LinkedIn



**24,707**  
Instagram

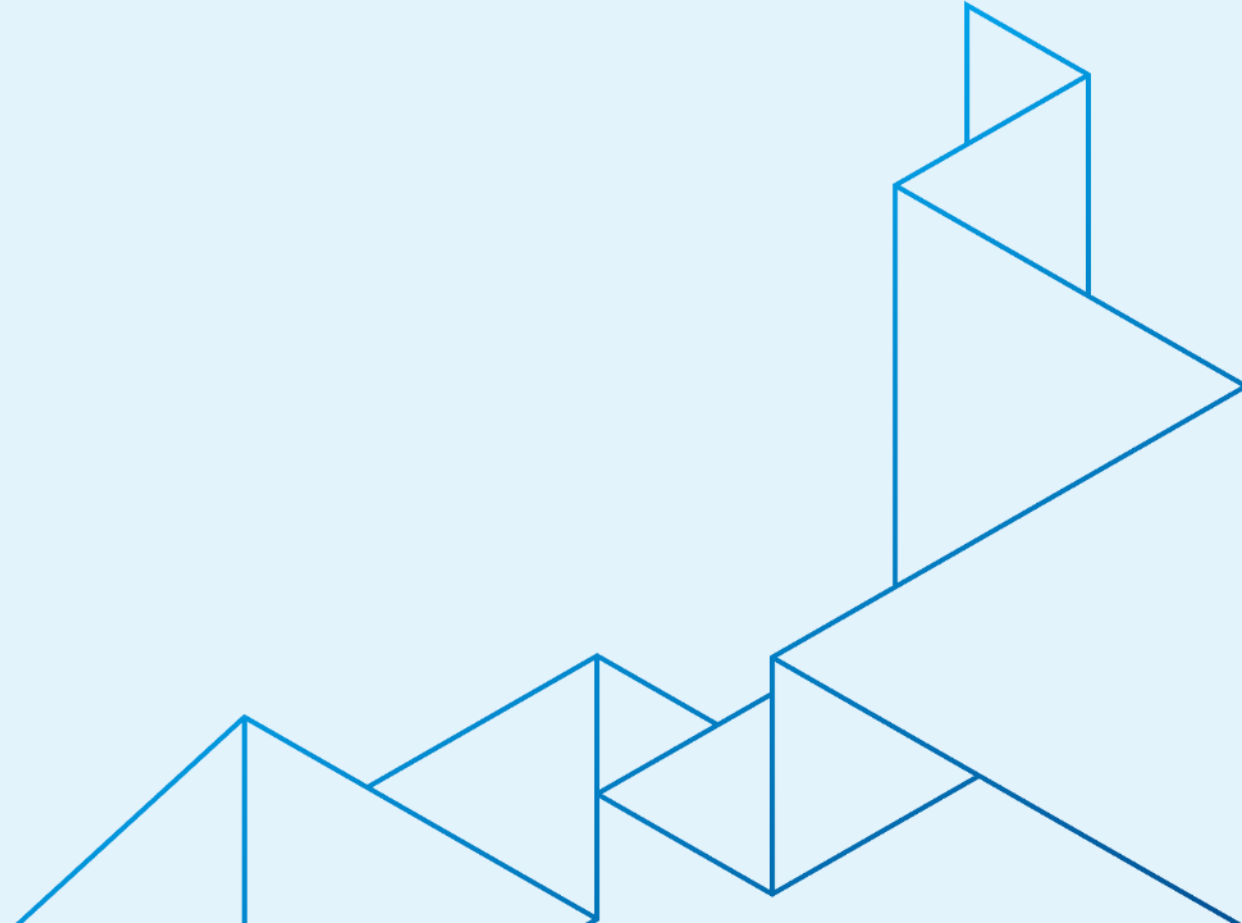


**2,465**  
YouTube

\* Includes 27,546 for Census Facebook account

As at 30 June 2023 for previous 12 month

**ABS website**



# The ABS website

## Welcome to the Australian Bureau of Statistics

Population  
**26,966,789**  
31 December 2023

Consumer price index  
**3.6%**  
Annual change Mar 2024  
quarter

Gross domestic product  
**0.1%**  
Quarterly change, Mar 2024

Average weekly earnings  
**\$1,888.80**  
November 2023

Unemployment rate  
**4.1%**  
June 2024

### Latest releases

### Future releases

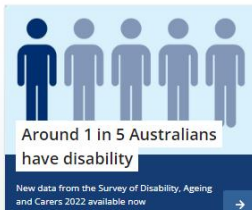
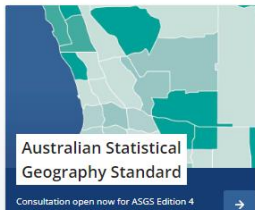
Wednesday 24 July 2024 11:30am AEST | Update  
**Australian Statistical Geography Standard (ASGS) Edition 3**  
Reference period July 2021 - June 2026  
[View current release](#) →

Wednesday 24 July 2024 11:30am AEST  
**Estimates and Projections, Aboriginal and Torres Strait Islander Australians**  
Reference period 2011 - 2031  
[View current release](#) →

Thursday 25 July 2024 11:30am AEST  
**Consultation draft: Australian and New Zealand Standard Classification of Occupations (ANZSCO)**  
Reference period July 2024  
First release

Thursday 25 July 2024 11:30am AEST  
**Labour Force, Australia, Detailed**  
Reference period June 2024  
[View current release](#) →

Friday 26 July 2024 11:30am AEST | Update



### On this page

- Economy
- Labour
- Industry
- People
- Health
- Environment
- COVID-19
- Research
- Census
- Data by region
- Data services
- Classifications, standards and methods
- Request data
- Understanding statistics

## Statistics

### Economy

#### Key economic indicators

An overview of key economic statistics



#### Price indexes and inflation

Consumer price index, wage price index...



#### National accounts

Gross domestic product...



#### International trade

Balance of payments, Imports and exports...



#### Business indicators

Capital expenditure, small business...



#### Finance

Lending, household income and wealth...



#### Government

Administration, finance, tax...



### Labour

# Release Calendar



Statistics Census Participating in a survey About



Home > Release calendar > Monthly calendar

[Print](#)

## Release calendar

Latest releases

Future releases

Monthly Calendar

### September 2024

The next 6 months of future releases are available. Release dates may change. All times are in Canberra time.

Choose month Choose theme

September  
2024

All themes

[Add month to your calendar](#)

| Sunday           | Monday                                                                                                | Tuesday                                                                                                                       | Wednesday                                                                                                                       | Thursday                                                                                                  | Friday                                                                               | Saturday |
|------------------|-------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|----------|
| 1                | 2                                                                                                     | 3                                                                                                                             | 4                                                                                                                               | 5                                                                                                         | 6                                                                                    | 7        |
|                  | Business Indicators, Australia June 2024 - 11:30am <a href="#">View current release</a>               | Balance of Payments and International Investment Position, Australia June 2024 - 11:30am <a href="#">View current release</a> | Monthly Household Spending Indicator July 2024 - 11:30am <a href="#">View current release</a>                                   | International Trade in Goods July 2024 - 11:30am <a href="#">View current release</a>                     | Modellers' Database June Quarter 2024 - 11:30am <a href="#">View current release</a> |          |
|                  | Building Approvals, Australia July 2024 - 11:30am <a href="#">View current release</a>                | Sun protection behaviours Nov 2023 to Feb 2024 - 11:30am First release <a href="#">View current release</a>                   | Australian National Accounts: National Income, Expenditure and Product June 2024 - 11:30am <a href="#">View current release</a> | Assets and Liabilities of Australian Securitised June 2024 - 11:30am <a href="#">View current release</a> | Lending Indicators July 2024 - 11:30am <a href="#">View current release</a>          |          |
|                  | Mineral and Petroleum Exploration, Australia June 2024 - 11:30am <a href="#">View current release</a> | Government Finance Statistics, Australia June 2024 - 11:30am <a href="#">View current release</a>                             |                                                                                                                                 | Labour Account Australia June 2024 - 11:30am <a href="#">View current release</a>                         | Multiple job-holders June 2024 - 11:30am <a href="#">View current release</a>        |          |
| 8                | 9                                                                                                     | 10                                                                                                                            | 11                                                                                                                              | 12                                                                                                        | 13                                                                                   | 14       |
| Monthly Business | Total Value of Dwellings                                                                              | Industrial Dispute                                                                                                            |                                                                                                                                 | Tourism Satellite                                                                                         |                                                                                      |          |

### Wednesday

4

Monthly Household Spending Indicator July 2024 - 11:30am

[View current release](#)

Australian National Accounts: National Income, Expenditure and Product June 2024 - 11:30am

[View current release](#)

### Downloads

AustralianNationalAccou...eandProductJune2024.ics [Open file](#)

[See more](#)

# ABS Statistical Releases



## On this page

[Key statistics](#)[Economic overview](#)[Expenditure](#)[Income](#)[Production](#)[State and territory final demand](#)[Key tables](#)[Impact of leap years on seasonal estimates](#)[Revisions and changes](#)[Data downloads](#)[Related releases](#)[Methodology](#)[Articles](#)[Media releases](#) **Latest release**

# Australian National Accounts: National Income, Expenditure and Product

Quarterly estimates of key economic flows in Australia, including gross domestic product (GDP), consumption, investment, income and saving

Reference period March 2024

Released 5/06/2024

▼ Future releases

▼ Previous releases

## Key statistics

- The Australian economy rose 0.1% in seasonally adjusted chain volume measures
- In nominal terms, GDP rose 1.4%
- The terms of trade rose 0.2%
- Household saving to income ratio fell to 0.9% from 1.6%

## In this release

For a breakdown of key information from this and other recent economic releases, see [12 insights about the Australian economy during the March quarter](#)

Print and  
cite the  
statistical  
release

Download  
data tables  
in the  
Statistical  
release

Release  
navigation  
and  
information

Information  
about  
impacts,  
changes and  
upcoming  
changes

# Downloading Data

## On this page

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## ✓ Latest release

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## Data downloads

### Time series spreadsheets

Download all (9.55 MB)

Table 1. Key National Accounts Aggregates

Download XLSX  
[227.92 KB]

Table 2. Expenditure on Gross Domestic Product (GDP), Chain volume measures

Download XLSX  
[610.14 KB]

Table 3. Expenditure on Gross Domestic Product (GDP), Current prices

Download XLSX  
[305.25 KB]

Table 4. Expenditure on Gross Domestic Product (GDP), Chain price indexes

Download XLSX  
[114.31 KB]

Table 5. Expenditure on Gross Domestic Product (GDP), Implicit price deflators

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[150.11 KB]

Table 6. Gross Value Added by Industry, Chain volume measures

Download XLSX  
[519.89 KB]

Show all data (39 hidden) ▼

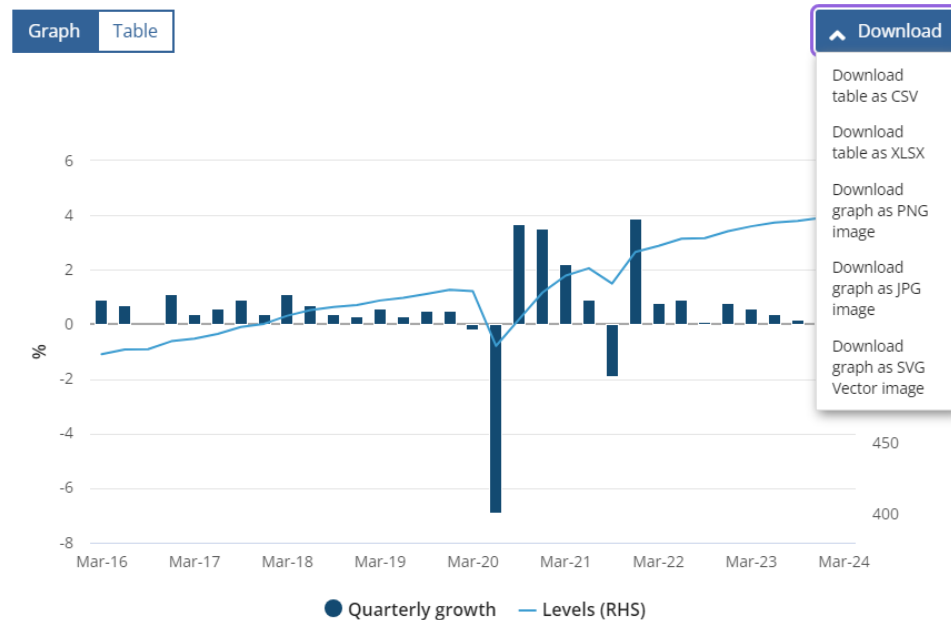
### Data cubes

HFCE Food Estimates, current price and chain volume measures, COICOP Group, SUPC, Original

Download XLSX  
[510.56 KB]

# Downloading tables and graphs

Gross domestic product, chain volume measures, seasonally adjusted



# Current, Future and Previous Releases

Statistics Census Participating in a survey About



Home > Statistics > Economy > National accounts > Australian National Accounts: National Income, Expenditure and Product > March 2024

Quote Print

Data download

## On this page

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- Economic overview
- Expenditure
- Income
- Production
- State and territory final demand
- Key tables
- Impact of leap years on seasonal estimates
- Revisions and changes
- Data downloads
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Latest release

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#### Future releases

Next Release 4/09/2024

Australian National Accounts: National Income, Expenditure and Product, June 2024

Next Release 4/12/2024

Australian National Accounts: National Income, Expenditure and Product, September 2024

Next Release 5/03/2025

Australian National Accounts: National Income, Expenditure and Product, December 2024

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#### Previous releases

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Australian National Accounts: National Income, Expenditure and Product

Reference Period December 2023

Australian National Accounts: National Income, Expenditure and Product

Reference Period September 2023

Australian National Accounts: National Income, Expenditure and Product

Reference Period June 2023

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# ABS National Accounts

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▼ Future releases

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## Articles

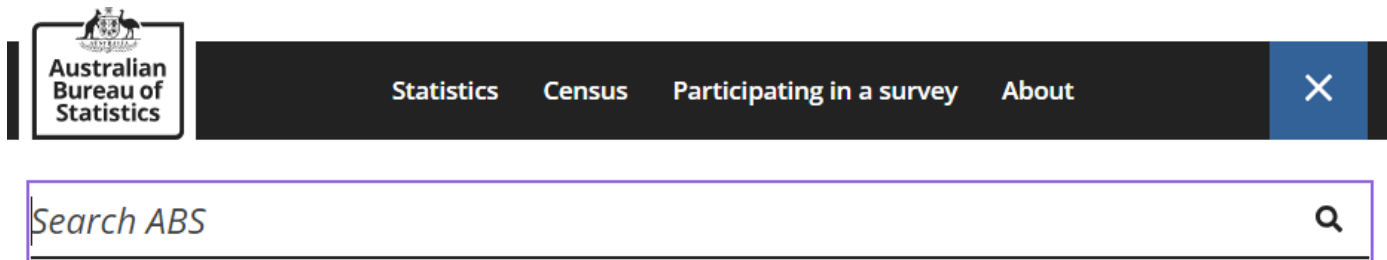
05 June 2024

12 insights about the Australian economy during the March quarter

[View article](#)

# Searching the ABS website

- ▶ Search titles, words and ABS catalogue numbers
- ▶ Available from the top navigation bar on every page



# ABS Social Media

## Social

f Facebook

@ Instagram

X (formerly Twitter)

In LinkedIn

YouTube

## Confessions of a Shopaholic turns 15!

How much cash have Aussies dropped on clothes and shoes over the last 15 years?



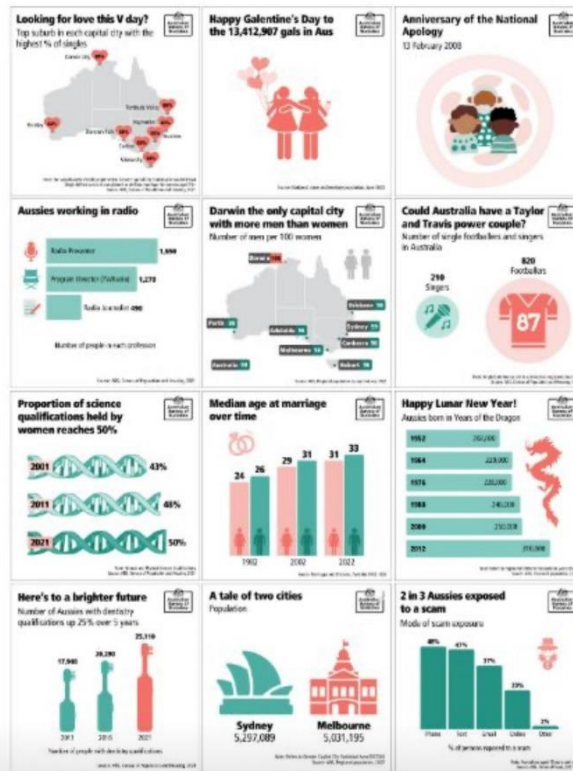
## What happened in the Australian economy during the March quarter?

Taylor Swift and the Formula 1 got hearts racing...



...boosting our accommodation, catering, and arts and recreation industries

Source: ABS, Australian National Accounts: National Income, Expenditure and Product, March 2024



ABS's Instagram grid is extremely satisfying to look at.

# Changes and new statistics



- ▶ Retail Trade
  - now a single release (from May 2024)
  - traditionally used as an early indicator of household consumption
  - stopping the Retail Trade publication on 30 July 2025 referencing the June 2025 period
- ▶ Monthly Household Spending Indicator
  - produced using aggregated and de-identified card and bank transactions from banking and financial institutions
  - provides an early read on household spending
  - new data sources incorporated between June 2024 and March 2025.
- ▶ Monthly Business Turnover Indicator
  - derived using Australian Taxation Office (ATO) Business Activity Statement (BAS) data from monthly remitters
  - includes 13 of the 19 industry divisions classified according to the Australian and New Zealand Standard Industrial Classification (ANZSIC)
  - exercise caution in comparing the indicator to other ABS economic outputs due to differences in concepts, scope, coverage, and methods

# CPI and Monthly Employee Earnings

- ▶ Monthly Consumer Price Index
  - began publishing a Monthly Consumer Price Index Indicator in October 2022
  - currently around two-thirds of the prices updated each month
  - the ABS will publish a complete monthly measure of the Consumer Price Index (CPI) by late 2025
- ▶ Monthly Employee Earnings Indicator
  - measures wages and salaries paid over the month and changes over time (from July 2022)
  - data for national, state/territory, sector, industry and employment size
  - produced from ATO Single Touch Payroll and ABS Business Register

# Useful resources

## ► Guides:

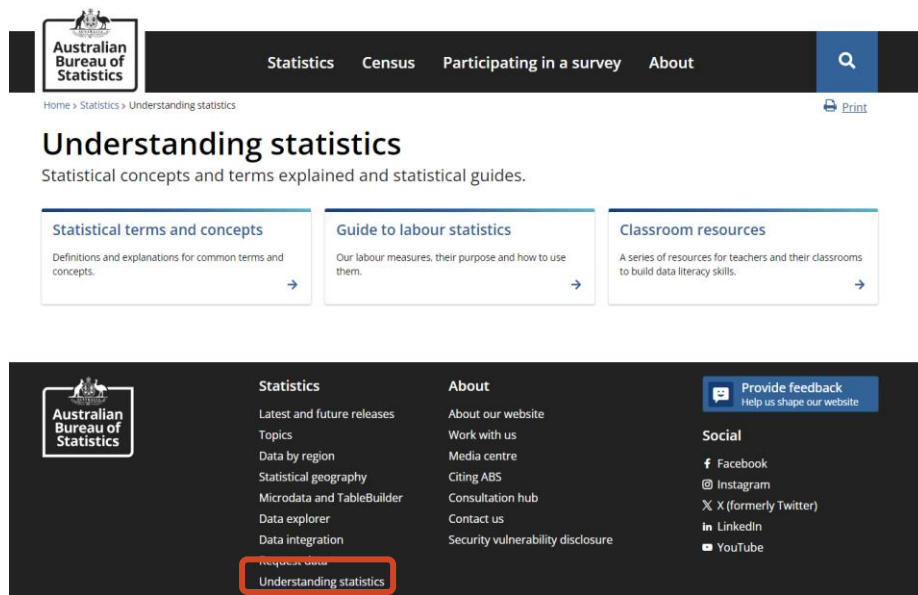
- [A Guide to the Consumer Price Index: 17th Series, 2017](#)
- [Australian System of National Accounts: Concepts, Sources and Methods, 2020-21 financial year](#)
- [Guide to Labour Statistics](#)

## ► [ABS Explainer videos \(YouTube\) \(inc. CPI, Labour Force\)](#)

## ► [Measuring Australia's Economy, 2003](#)

## ► [Statistical terms and concepts](#)

## ► [How to Cite ABS resources](#)



The screenshot shows the Australian Bureau of Statistics website. The top navigation bar includes links for Statistics, Census, Participating in a survey, and About, along with a search icon. The main heading is 'Understanding statistics', with a subtext 'Statistical concepts and terms explained and statistical guides.' Below this, there are three featured boxes: 'Statistical terms and concepts', 'Guide to labour statistics', and 'Classroom resources'. The footer contains a list of links under 'Statistics' and 'About', a 'Provide feedback' button, and social media links for Facebook, Instagram, LinkedIn, and YouTube. The 'Frequency table' link under 'Statistics' is highlighted with a red box.

Australian Bureau of Statistics

Statistics Census Participating in a survey About

Home > Statistics > Understanding statistics

### Understanding statistics

Statistical concepts and terms explained and statistical guides.

**Statistical terms and concepts**

Definitions and explanations for common terms and concepts.

→

**Guide to labour statistics**

Our labour measures, their purpose and how to use them.

→

**Classroom resources**

A series of resources for teachers and their classrooms to build data literacy skills.

→

**Statistics**

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- Topics
- Data by region
- Statistical geography
- Microdata and TableBuilder
- Data explorer
- Data integration
- Frequency table**
- Understanding statistics

**About**

- About our website
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- Contact us
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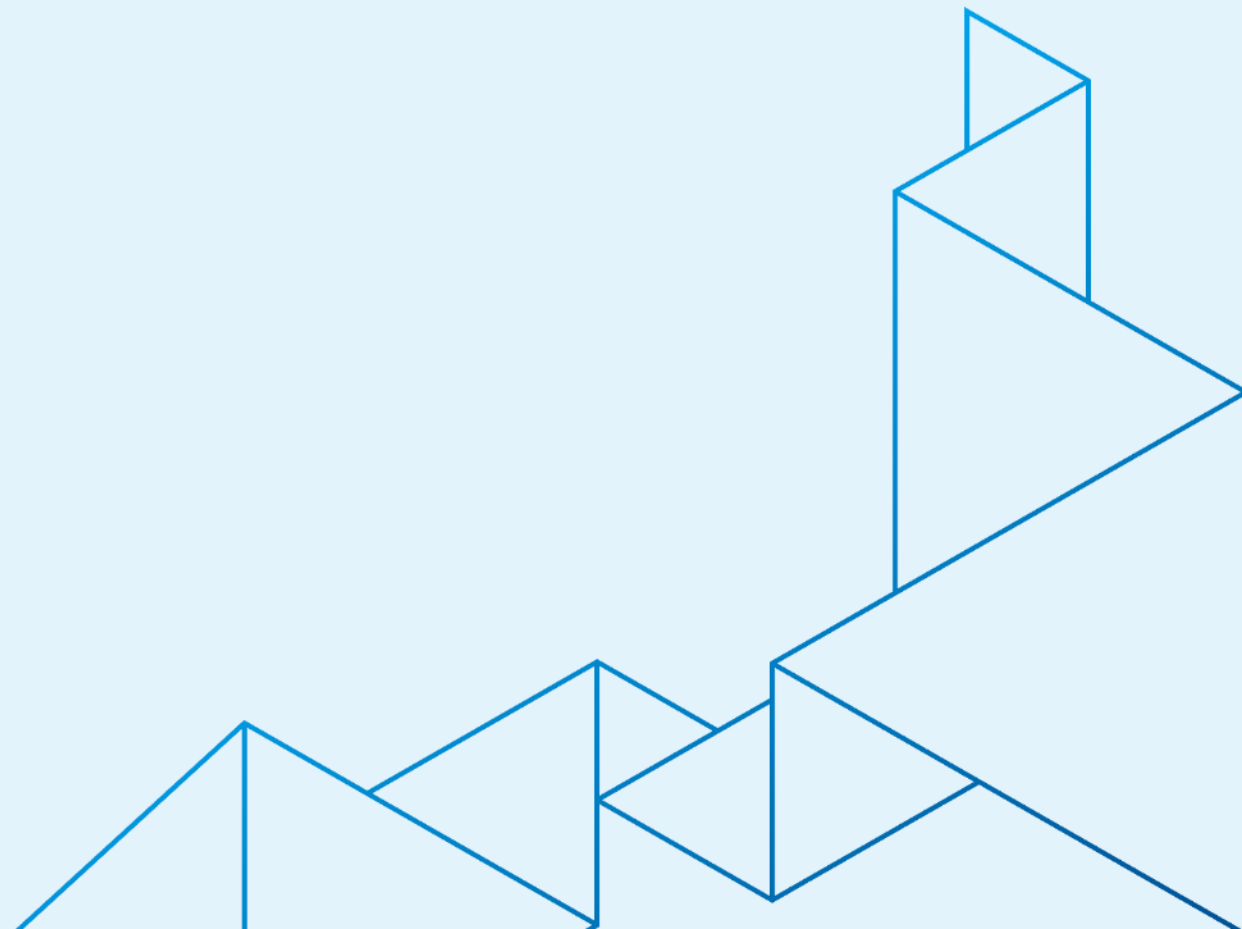
**Provide feedback**

Help us shape our website

**Social**

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# Questions

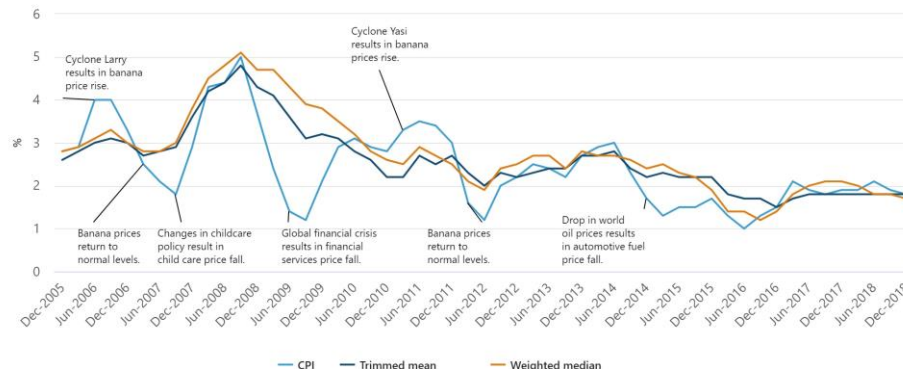


# CPI: Trimmed Mean and Weighted Median

- ▶ ABS produces two key measures of underlying inflation – the Trimmed mean and the Weighted median. These measures, also known as ‘core’ inflation, provide an indication of the medium-term trajectory of inflation. Tracking medium-term inflation is important as it assists in inflation-targeting and assessing the health of the Australian economy.
- ▶ the underlying inflation measures produced by the ABS are calculated by reducing the impact of irregular or temporary price changes in the Consumer Price Index (CPI).
- ▶ these measures, and the exclusion-based measures, can be found in table 8 of the CPI publication (cat. no. 6401.0).
- ▶ To produce the Trimmed mean and Weighted median, seasonally adjusted quarterly movements of the CPI are used. Without the use of seasonally adjusted movements, some Expenditure Classes may always be excluded from the underlying measure due to the volatile nature of their price change. This may include Expenditure Classes that:
  1. are highly seasonal (e.g. fruit); or
  2. have once-a-year price changes (e.g. education fees).
- ▶ For both underlying measures, all 87 of the CPI Expenditure Classes (ECs) are sorted from lowest to highest in terms of seasonally adjusted quarterly percentage change. The quarterly movements, combined with each Expenditure Class’s respective weight, are used to create a distribution of cumulative weights by Expenditure Class.
- ▶ **Trimmed mean** is calculated using a weighted average of percentage change from the middle 70 per cent of the distribution. That is, Expenditure Classes with a cumulative total below 15 per cent and above 85 per cent are excluded (trimmed) from the calculation. Expenditure Classes which cross the 15 per cent and 85 per cent thresholds are partially included, using the component of their weight which falls within the 70 per cent trim.
- ▶ **Weighted median** is simply the seasonally adjusted quarterly percentage change of the Expenditure Class at (or immediately over) the 50th percentile of the distribution. This can also be thought of as a 50 per cent Trimmed mean.
- ▶ These measures are useful for analysis purposes to assess the health of the Australian economy

# CPI: Trimmed Mean and Weighted Median

Chart 3: CPI compared to underlying inflation, annual percentage change



Source: Australian Bureau of Statistics, Underlying Inflation Measures: Explaining the Trimmed Mean and Weighted Median 17/04/2019

- ▶ Chart 3 above illustrates the relative smoothness of the Trimmed mean and Weighted median compared to the CPI, largely due to the removal of temporary or one-off impacts. One such example is the 400 per cent rise in banana prices that occurred in mid-2006 due to supply disruptions caused by Cyclone Larry. This was followed by a sharp fall in banana prices as they returned to normal price levels in 2007.
- ▶ [Underlying Inflation Measures: Explaining the Trimmed Mean and Weighted Median | Australian Bureau of Statistics \(abs.gov.au\)](https://www.abs.gov.au/underlying-inflation-measures-explaining-the-trimmed-mean-and-weighted-median)

- ▶ **Data Explorer:** an interactive free online tool that presents data in a searchable, flexible and dynamic way.
  - enables you to create your own tables and visualisations, including economic statistics
  - [Data Explorer | Australian Bureau of Statistics \(abs.gov.au\)](https://abs.gov.au/data-explorer)

# Measuring wellbeing

- ▶ The ABS received funding in the 2024-25 Budget to deliver an expanded General Social Survey on an annual basis to provide timely insights on the wellbeing of Australians.
- ▶ *Measuring What Matters* is Australia's first national wellbeing framework that will track our progress towards a more healthy, secure, sustainable, cohesive and prosperous Australia. Commonwealth Treasury have developed the Framework through research and consultation.
- ▶ The *Measuring What Matters* Framework (Framework) has five wellbeing themes:
  - **Healthy:** A society in which people feel well and are in good physical and mental health, can access services when they need, and have the information they require to take action to improve their health.
  - **Secure:** A society where people live peacefully, feel safe, have financial security and access to housing.
  - **Sustainable:** A society that sustainably uses natural and financial resources, protects and repairs the environment and builds resilience to combat challenges.
  - **Cohesive:** A society that supports connections with family, friends and the community, values diversity, and promotes belonging and culture.
  - **Prosperous:** A society that has a dynamic, strong economy, invests in people's skills and education, and provides broad opportunities for employment and well-paid, secure jobs.
  - **Inclusion, equity and fairness** are cross-cutting dimensions of the Framework.
- ▶ The Framework has 50 indicators.
- ▶ The Dashboard will be updated annually: [Dashboard | Treasury.gov.au](https://dashboard.treasury.gov.au)



# Thank you

**AUSTRALIAN BUREAU OF STATISTICS**  
Informing Australia's important decisions