

Wellbeing and sustainability indicators

Examples from Australian Labour Statistics

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'Four pillars' of labour statistics

Household Surveys

Labour Force Survey

Extra topics collected with the Labour Force Survey

(e.g. Characteristics of Employment, Participation Job Search and Mobility, Education and Work, etc)

Census and other surveys
(e.g. Survey of Income and Housing)

Establishment Surveys

Job Vacancies

Average Weekly Earnings

Employee Earnings and Hours

Wage Price Index

Public Sector Employment and Earnings

Industrial Disputes

Administrative data

Weekly Payroll Jobs (STP data)

Monthly Employee Earnings indicator (STP data)

Jobs in Australia

Personal Income in Australia

Compiled accounts

Labour Account
(and related multi-source statistics – e.g. multiple job-holding)

Other accounts
(e.g. Tourism satellite account)

Examples of indicators from ABS labour statistics

Principal Indicator	ABS Source	Source type
Proportion of women in managerial positions	<ul style="list-style-type: none">Employee Earnings and Hours survey *	<ul style="list-style-type: none">2-stage enterprise survey
Average hourly earnings for employees in businesses by sex	<ul style="list-style-type: none">Employee Earnings and Hours survey	<ul style="list-style-type: none">2-stage enterprise survey
Unemployment rate, by sex and age	<ul style="list-style-type: none">Labour Force survey	<ul style="list-style-type: none">Household survey
Unemployment rate, by persons with disabilities	<ul style="list-style-type: none">Survey of Disability, Ageing and Carers	<ul style="list-style-type: none">Household survey
Sector employment as a proportion of total employment	<ul style="list-style-type: none">Labour Force surveyVarious enterprise surveysLabour Account	<ul style="list-style-type: none">Household surveyEnterprise surveysAccount
Job openings (vacancies) in businesses	<ul style="list-style-type: none">Job vacancies surveyLabour Account	<ul style="list-style-type: none">Enterprise surveyAccount

Challenges of sourcing through survey data

Indicator	ABS Source	Data type
Proportion of women in managerial positions	<ul style="list-style-type: none"> Employee Earnings and Hours survey * 	<ul style="list-style-type: none"> 2-stage enterprise survey
Average hourly earnings for employees in businesses by sex	<ul style="list-style-type: none"> Employee Earnings and Hours survey 	<ul style="list-style-type: none"> 2-stage enterprise survey
Unemployment rate, by sex and age	<ul style="list-style-type: none"> Labour Force survey 	<ul style="list-style-type: none"> Household survey
Unemployment rate, by persons with disabilities	<ul style="list-style-type: none"> Survey of Disability, Ageing and Carers 	<ul style="list-style-type: none"> Household survey
Sector employment as a proportion of total employment	<ul style="list-style-type: none"> Labour Force survey Various enterprise surveys Labour Account 	<ul style="list-style-type: none"> Household survey Enterprise surveys Account
Job openings (vacancies) in businesses	<ul style="list-style-type: none"> Job vacancies survey Labour Account 	<ul style="list-style-type: none"> Enterprise survey Account

TARGETED BUT...

EXPENSIVE

LOW RESPONSE

BURDENSOME

INFREQUENT

The increasing role of administrative data



Admin data

- Weekly payroll jobs (STP)
- Monthly employee earnings (STP)
- Jobs in Australia (LEED)
- Personal Income in Australia (LEED)
- “Multi-source” statistics (e.g., Labour Account, Labour hire workers, etc)

MATURITY

ROBUSTNESS

COST

COMPLEXITY

INTEGRATION

One example: Industry employment by....

Topics available by data source (a)(b)

	LA	EEH	JIA	WPJW	SEE	AIS	LFS	Census
Employer characteristics								
Industry subdivision	✓	✓	■	■		■	■	□
Sector	✓	■	□	■(c)	■(d)	■(c)	□	
Person characteristics								
Sex		✓	✓	■	■	■	■	■
Age groups		✓	✓	■			■	□
State/territory		✓	✓	■	■	■	■	■
Region			✓				□	■
Education							□	□
Job characteristics								
Part-time and full-time		□					✓	
Employment arrangement		□	□				✓	
Pay setting method		✓						

Indicators from non-ABS labour statistics



Australian Government



Workplace
Gender Equality
Agency

- Proportion of women in managerial positions – detailed data
- Gender pay gap



- The Household, Income and Labour Dynamics in Australia (HILDA) Survey



Australian Government
Jobs and Skills Australia

- Measuring online job advertisements



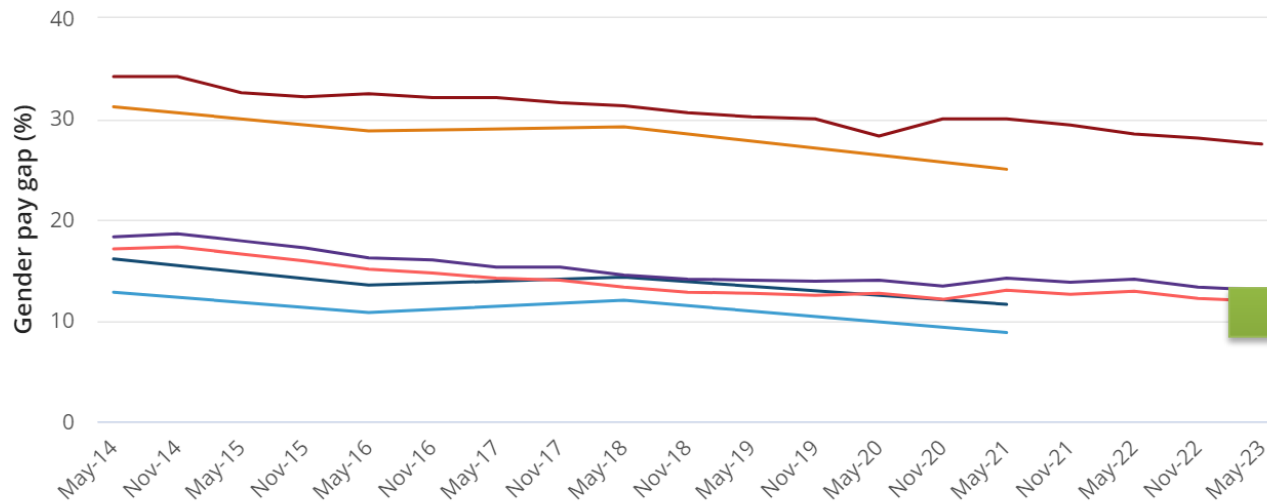
- ANZ job advertisements:
Strong indicator of job vacancies



Australian Government
Australian Taxation Office

- Annual taxable income for men and women

Key ABS gender pay gap indicators (original)



- Median hourly cash earnings (EEH)
- Mean hourly cash earnings (EEH)
- Median weekly cash earnings (EEH)
- Mean weekly cash earnings (AWE)
- Mean weekly ordinary time cash earnings of full-time adult employees (AWE)(a)
- Commonly cited measure (AWE)(a)



Australian Government
Australian Taxation Office

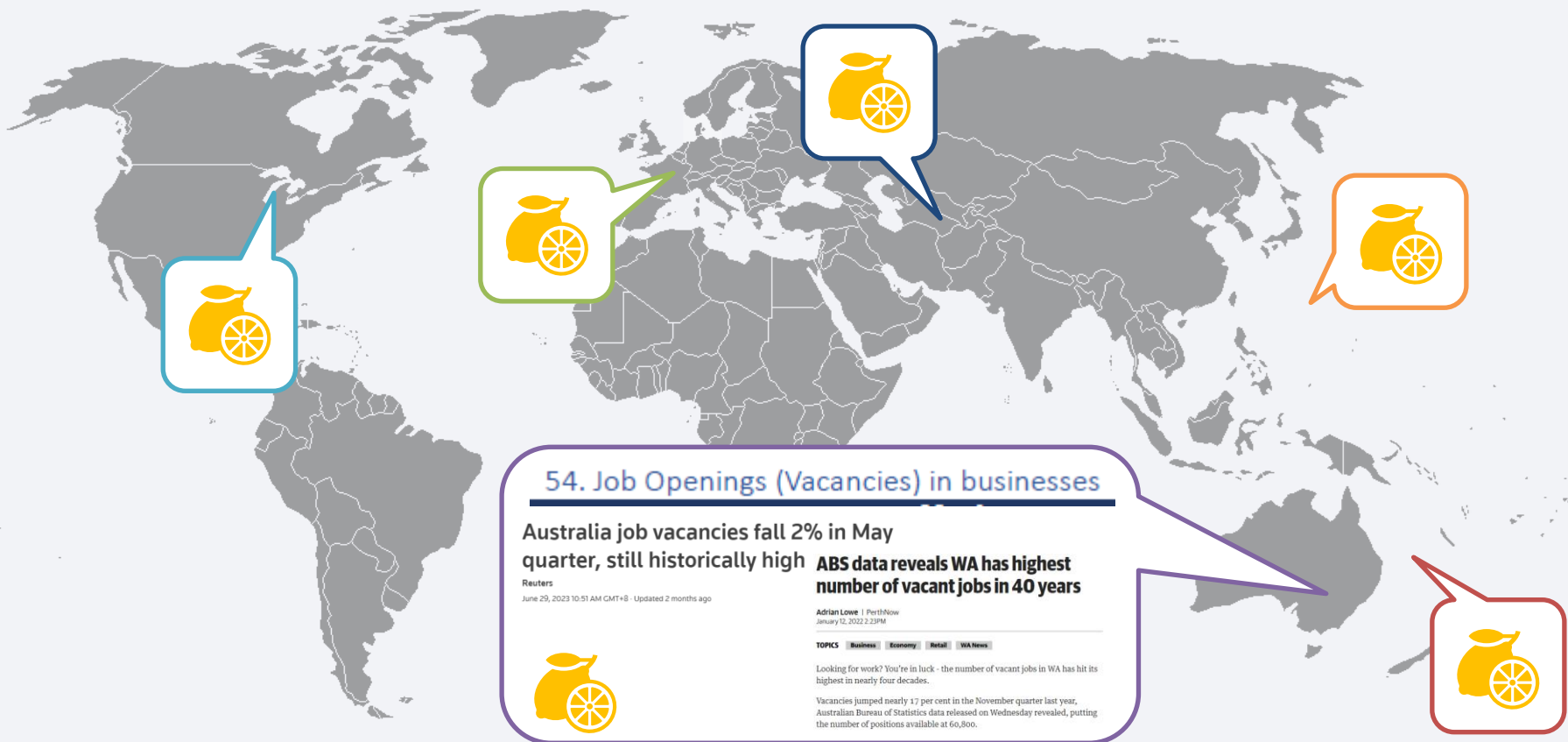


Workplace Gender Equality Agency

Benefits of the principal indicators manual



We can talk about Job openings



54. Job Openings (Vacancies) in businesses

Australia job vacancies fall 2% in May quarter, still historically high

Reuters

June 29, 2023 10:51 AM CMT+8 · Updated 2 months ago



ABS data reveals WA has highest number of vacant jobs in 40 years

Adrian Lowe | PerthNow
January 12, 2022 2:23PM

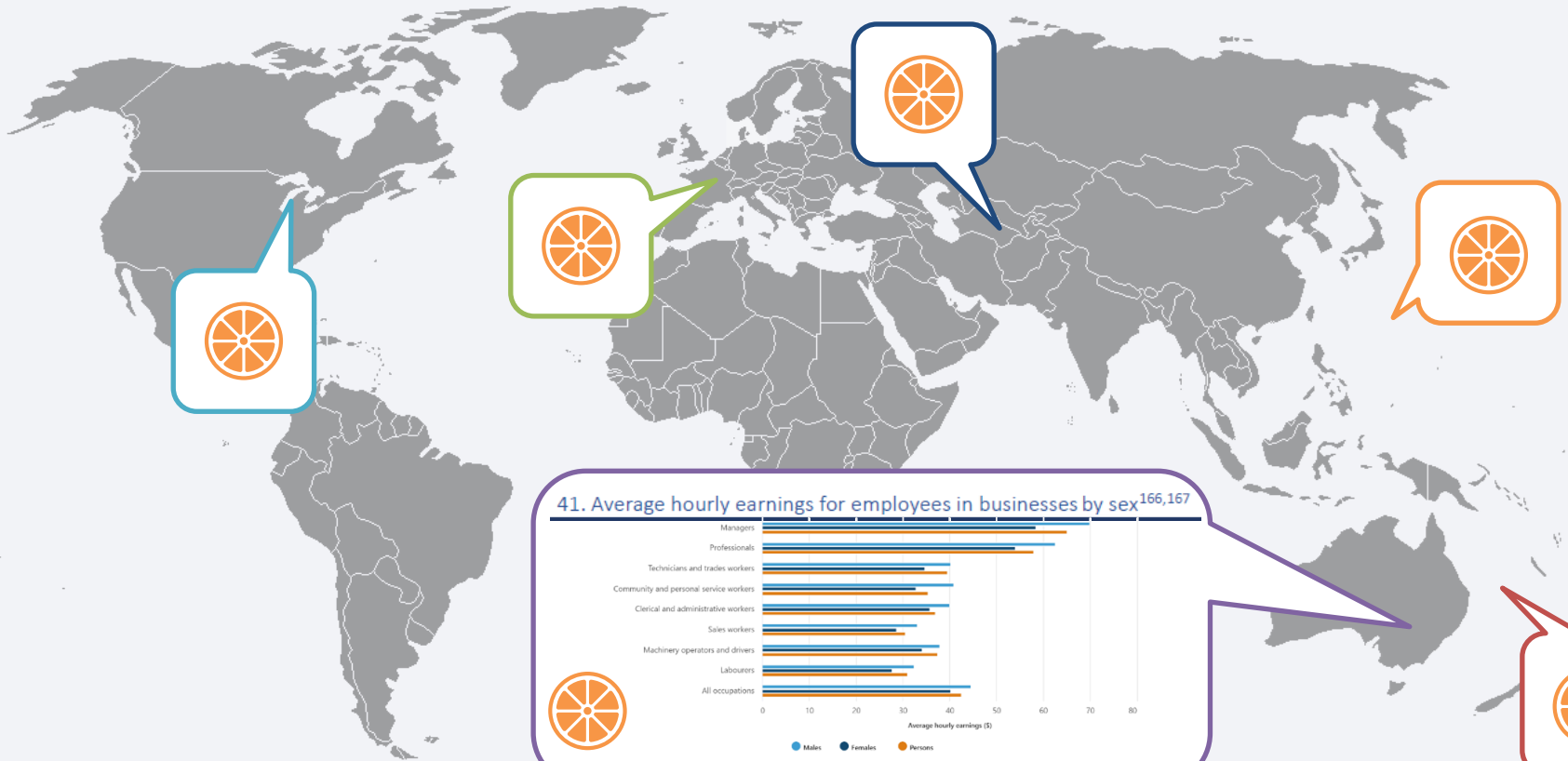
TOPICS [Business](#) [Economy](#) [Retail](#) [WA News](#)

Looking for work? You're in luck - the number of vacant jobs in WA has hit its highest in nearly four decades.

Vacancies jumped nearly 1.7 per cent in the November quarter last year. Australian Bureau of Statistics data released on Wednesday revealed, putting the number of positions available at 60,800.



We can talk about Average hourly earnings by sex



41. Average hourly earnings for employees in businesses by sex^{166,167}



Source: Australian Bureau of Statistics, Managers and Professionals have highest earnings per hour 19/03/2022

Questions?

