An Australian Government Initiative

DIGITAL ATLAS OF AUSTRALIA

Integrating Geospatial and Statistical Data

The Australian Perspective

UN-GGIM-AP Regional Seminar

26 November 2024

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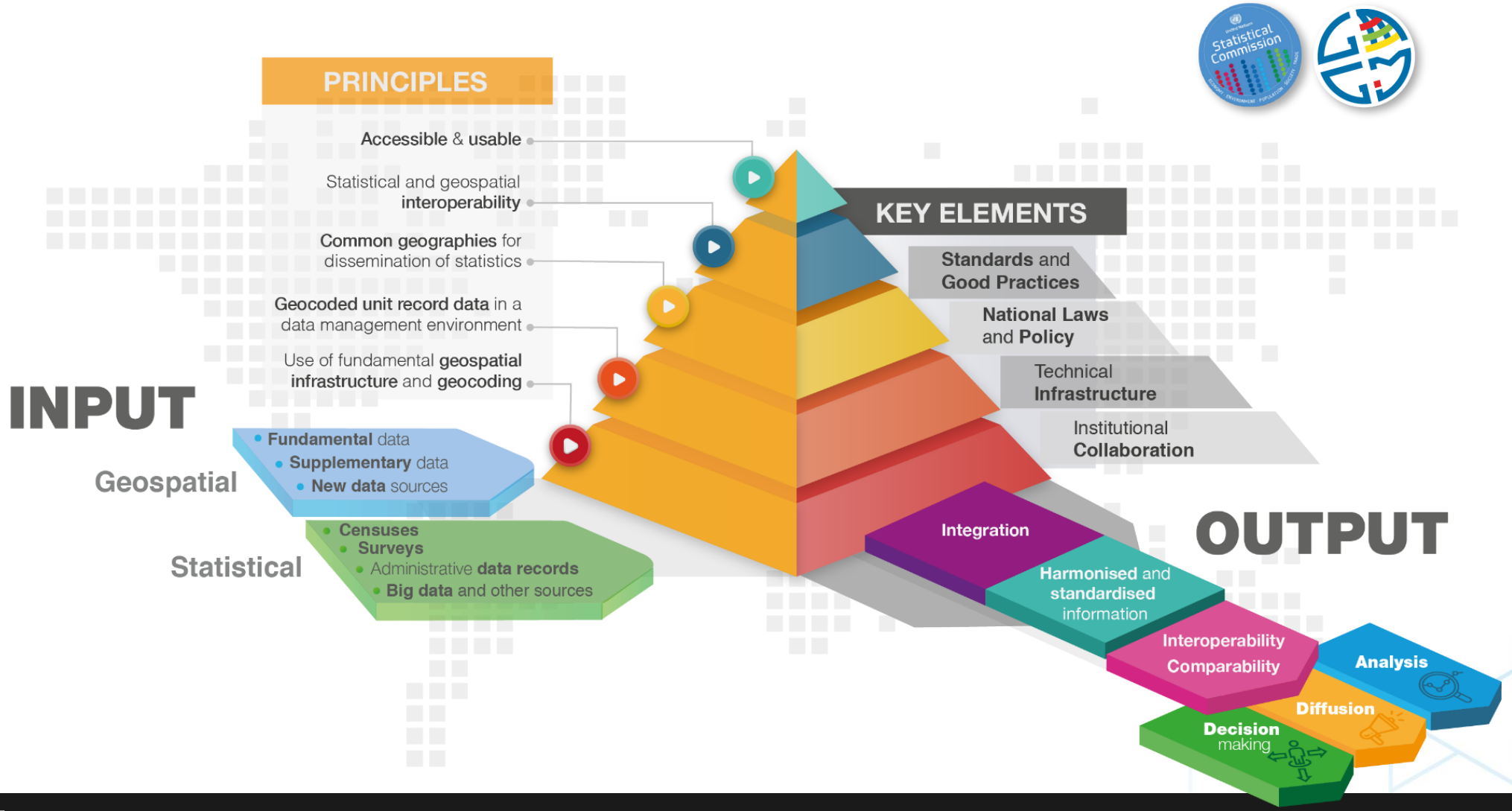
Translating the Global Geospatial Statistical Framework into national action

Australian Bureau of Statistics



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Geospatial goals for statistical information

Anyone can integrate data recorded against different geographies

Anyone can disseminate and report on data, using the geography of their choice

Anyone can easily use and interpret geospatially-enabled statistics

Faster decision making

More informed policy development

Improved real-world policy outcomes

Improved business sustainability and options for growth

Subject to protection of personal and sensitive information under the Privacy Act 1988, and the Census & Statistics Act 1995

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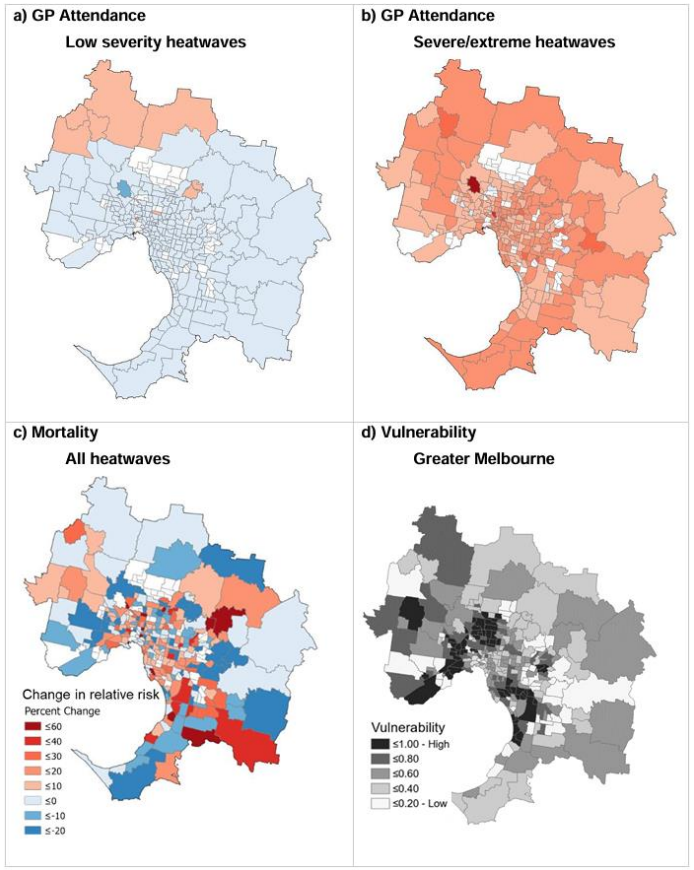
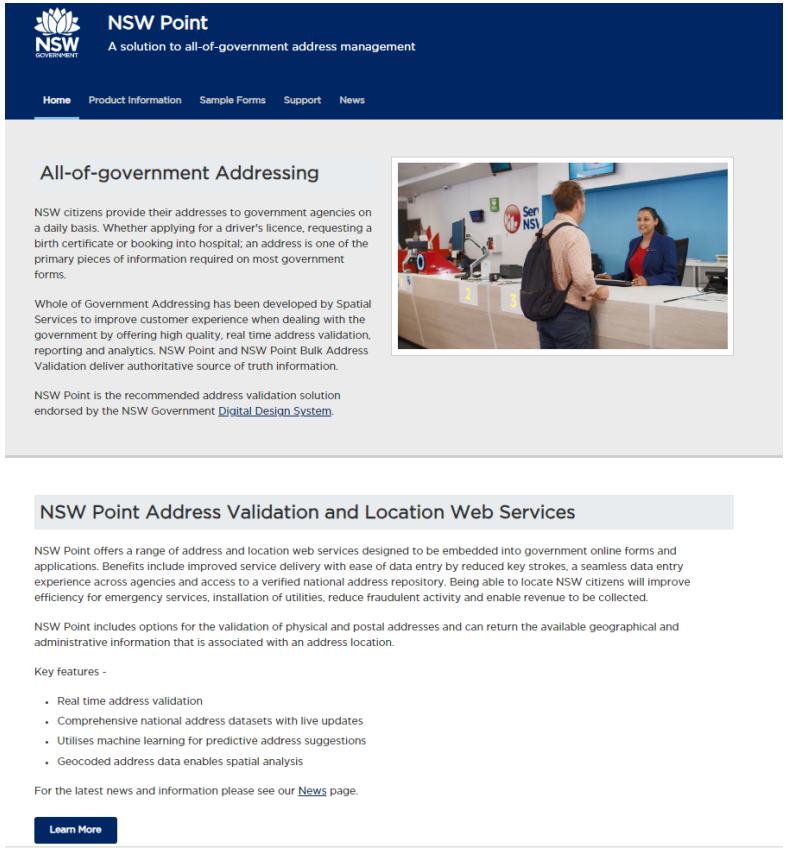
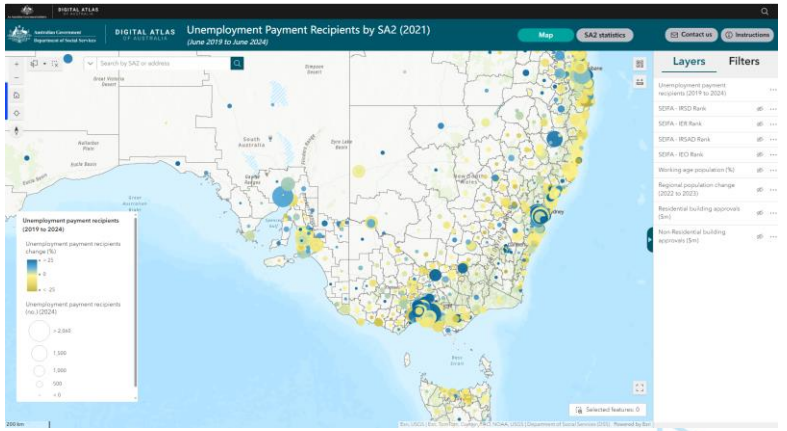
Progress to date



2019: Data Integration Partnership tested geospatial data integration for several policies, including the effects of heatwaves on human health



2019-24: NSW Government tested concept of ‘foundation spatial data indexes’ to link different representations of geography for place-based reporting.



2021-24: Commonwealth releases “Digital Atlas of Australia” as front end to assist dissemination of cross-government spatially enabled data and place-based reporting insights.

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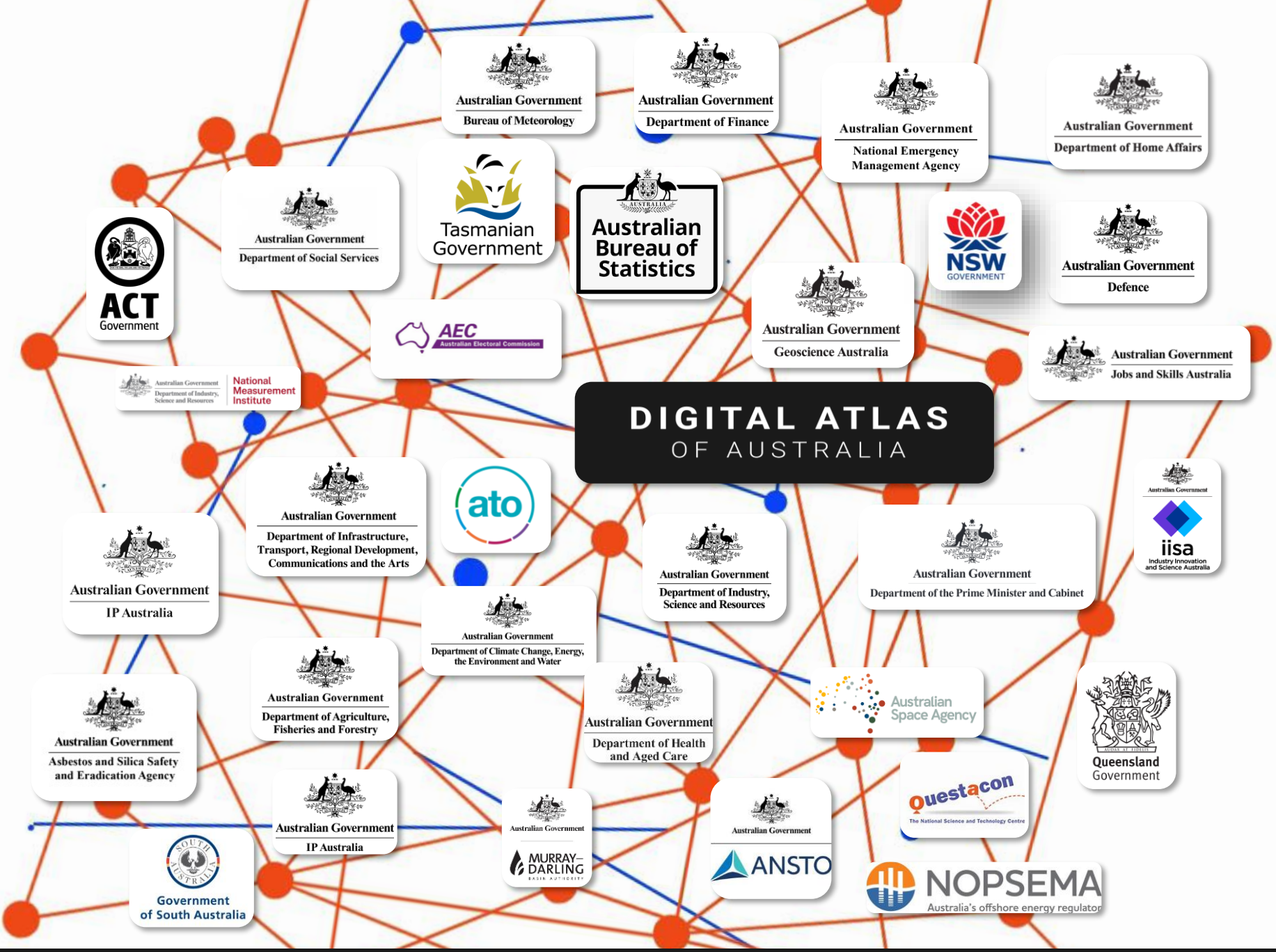
The digital ecosystem



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Questacon Program Delivery

School Profile

Commonwealth Electoral Divi...	ABS Remoteness Area	Girls Enrolment (%)	Indigenous Enrolment (%)	Bottom SEA Quarter (%)	Program Delivery
No category selected	No category selected	0 - 100	0 - 100	0 - 100	No category selected

Total Enrolment

4.1M

Girls Enrolment

2M

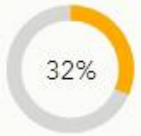
Teaching Staffs

338.5k

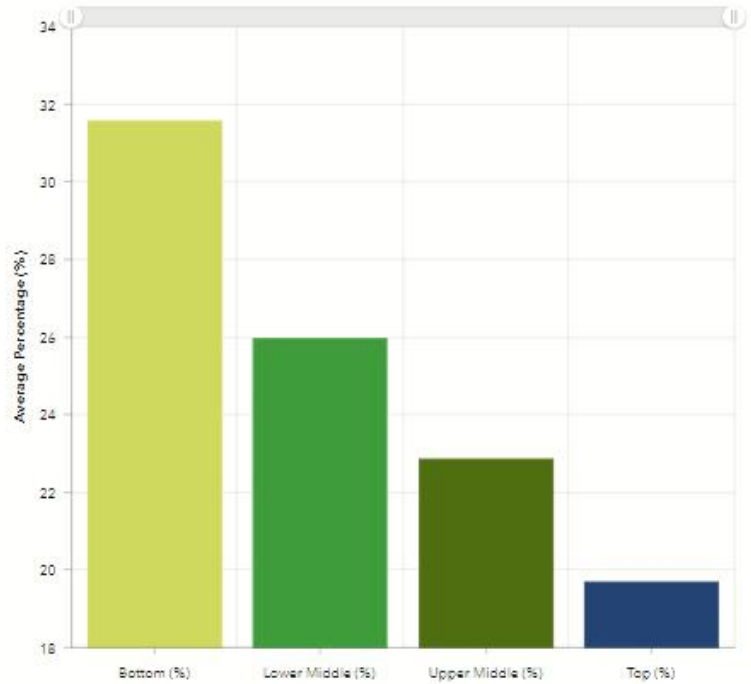
Number of Schools

9.5k

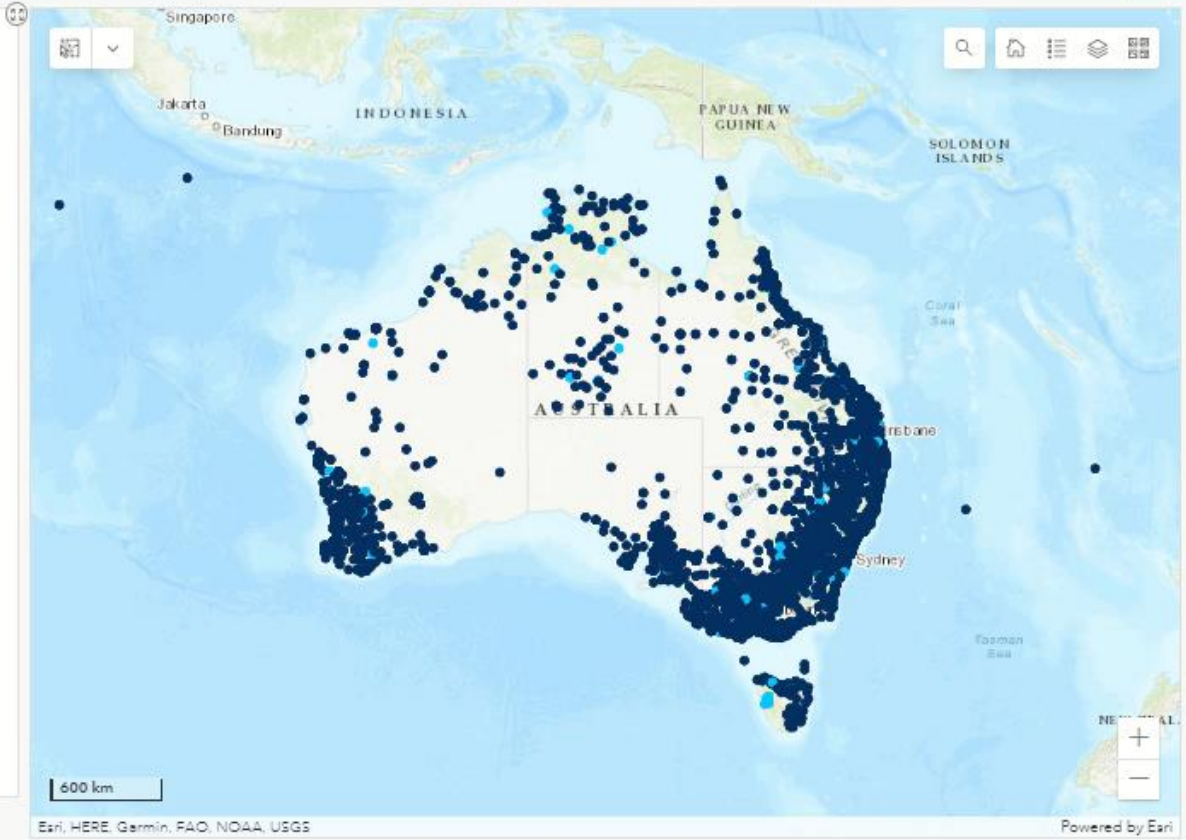
Bottom SEA Quarter Average %



Socio-Educational Advantage (SEA) Quarter



SEA Quarters | Girls Vs Boys | Language | Year Range



Map Legend

School Profile and Visit

Visit

- Visit - Yes
- Visit - No

School Profile - 2022

School Name	State	School Sector	School Type	Campus Type	ABS Remote...	Commonwea...	Year Range	Girls Enrolme...	Total Enrolm...	Bottom SEA ...	Lower Middl...	Upper Middl...	Top SEA Qua...	Teaching Staff	Indigenous E...	Program	Delivery	Visit	Delivered FY
Virtual School...	VIC	Government	Combined	School Single...	Major Cities	Cooper	Prep-12	3,054	5,003	19	25	27	29	354	50			No	
Capricornia (...	QLD	Government	Combined	School Head ...	Outer Regional	Flynn	Prep-12	2,566	5,259	38	35	20	7	121	841	EiE	In Person	Yes	22/23
Cairns School...	QLD	Government	Combined	School Single...	Outer Regional	Leichhardt	Prep-12	2,518	4,362	21	30	28	22	168	698			No	
Pymble Ladie...	NSW	Independent	Combined	School Single...	Major Cities	Bradfield	K-12	2,326	2,326	1	4	21	74	259	23			No	
Open Access ...	SA	Government	Combined	School Head ...	Major Cities	Sturt	U, R-12	2,197	4,284	32	33	22	13	142	214			No	
Brisbane Sch...	QLD	Government	Combined	School Single...	Major Cities	Griffith	Prep-12	2,156	3,613	22	28	27	22	260	217			No	
Methodist La...	VIC	Independent	Combined	School Head ...	Major Cities	Kooyong	Prep-12	2,019	2,019	1	4	18	77	250	20			No	
Haileybury C...	VIC	Independent	Combined	School Head ...	Major Cities	Isaacs	Prep-12	1,964	4,432	1	7	21	71	507	0			No	
King's Christi...	QLD	Independent	Combined	School Head ...	Major Cities	McPherson	Prep-12	1,868	3,894	8	25	36	31	301	78			No	
St Michael's ...	TAS	Independent	Combined	School Head ...	Inner Regional	Clark	Prep-12	699	699	3	14	28	55	109	21	EiE	In person/Virt...	Yes	19/20, 20/21, 2...
[illegible]	QLD	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	

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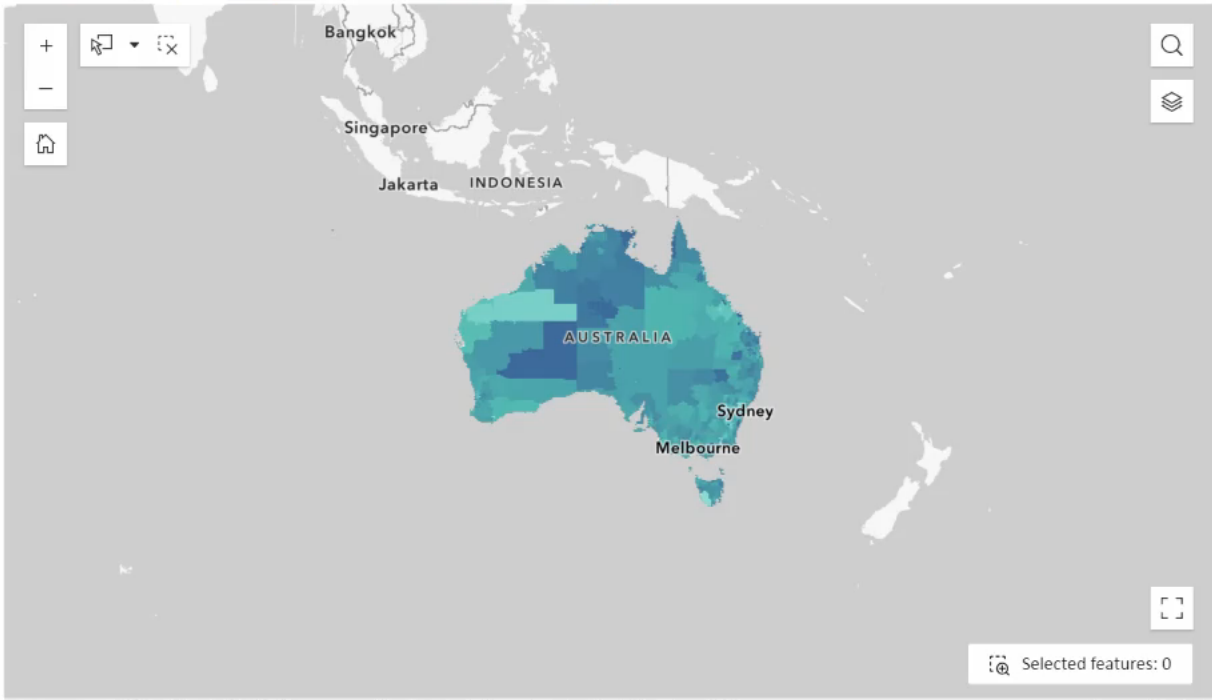
Total income support recipients
Total unemployment recipients
—
ABSTUDY (Living Allowance)
Age Pension
Austudy
Carer Payment
Disability Support Pension
JobSeeker Payment
Parenting Payment (Partnered)
Parenting Payment (Single)
Special Benefit
Youth Allowance (Other)
Youth Allowance (Student)

Total income support payment recipients

Statistical Area Level 2 (2021)	%
Abbotsford	9.9
Aberfoyle Park	20.3
Acacia Gardens	10.1
ACT - South West	7.2
Acton	14.2
Acton - Upper Burnie	38.2
Adamstown - Kotara	16.8
Adelaide	18.4
Adelaide Airport	0.0
Adelaide Hills	15.2

A to Z

Total income support payment recipients as a percentage of total population (%)



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⚠ Please select an area to view information

Number of areas selected: **Select area to view**

Understanding income support payments

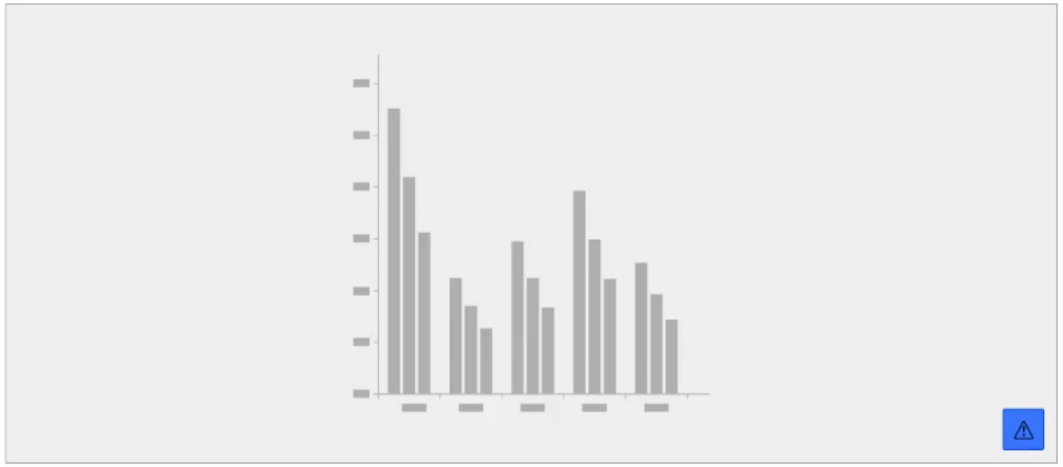
(Source: Department of Social Services, September 2023; and Australian Bureau of Statistics, Population Estimates, November 2022)

- **Select area to view** people are receiving an income support payment in this area.
- This is **Select area to view%** of the total population in this area.
- Australian average number of income support payment recipients per SA2: **2,006**
- Australian average income support payment recipients per total population in a SA2: **23.5%**

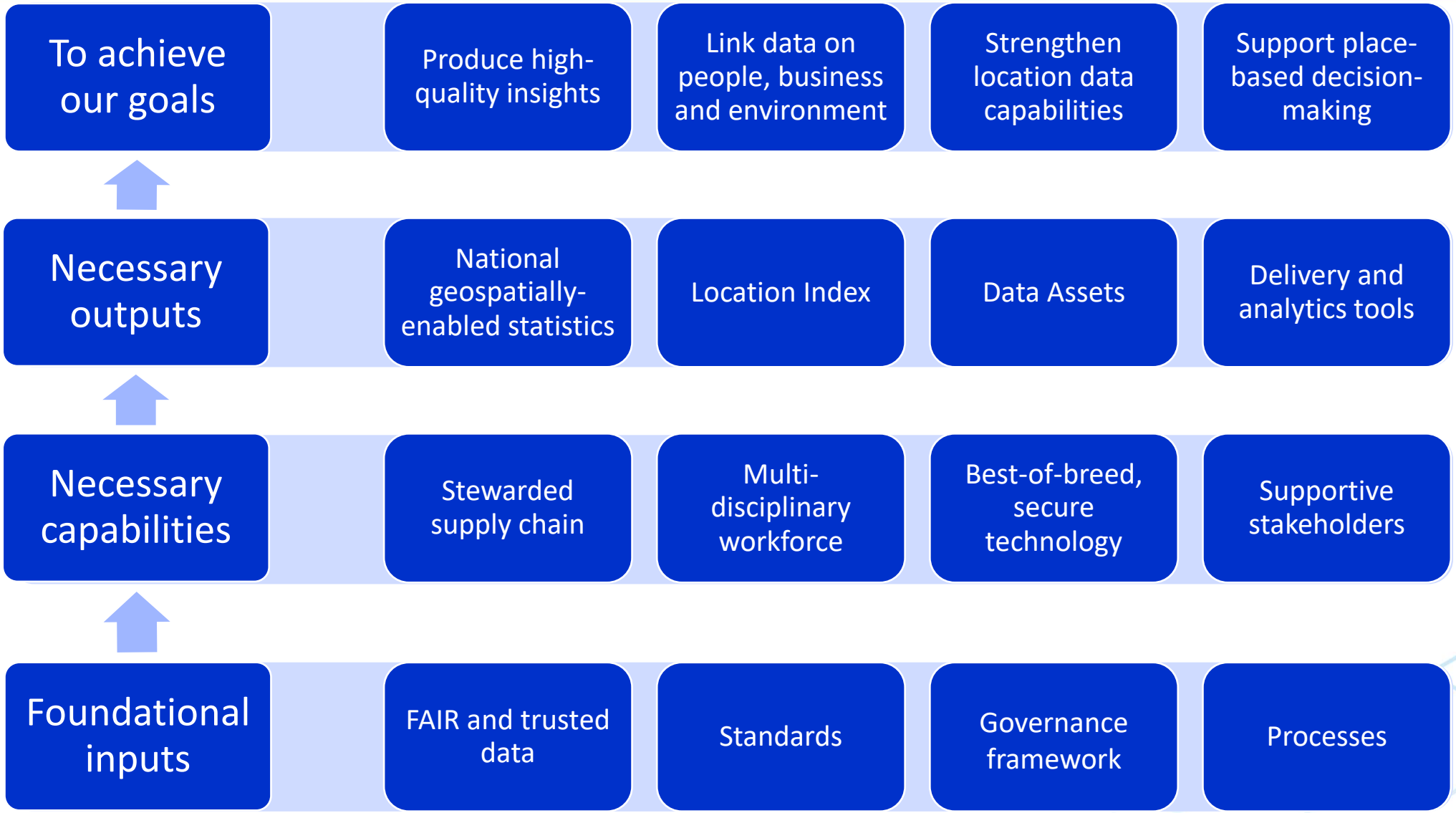
Demographic statistics

(Source: Australian Bureau of Statistics, Population Estimates, November 2022; Australian Bureau of Statistics, Census of Population and Housing, 2021, and Australian Taxation Office, 2020)

- Total population: **Select area to view**
- Total working age population (15–64): **Select area to view**
- Percent working age population (15–64): **Select area to view%**
- SEIFA – minimum IRSAD (percentile): **Select area to view (Out of 100)**
- Median annual income: **$Select area to view**



Next steps



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