



An Australian Government Initiative

DIGITAL ATLAS
OF AUSTRALIA

Integrating Geospatial and Statistical Data

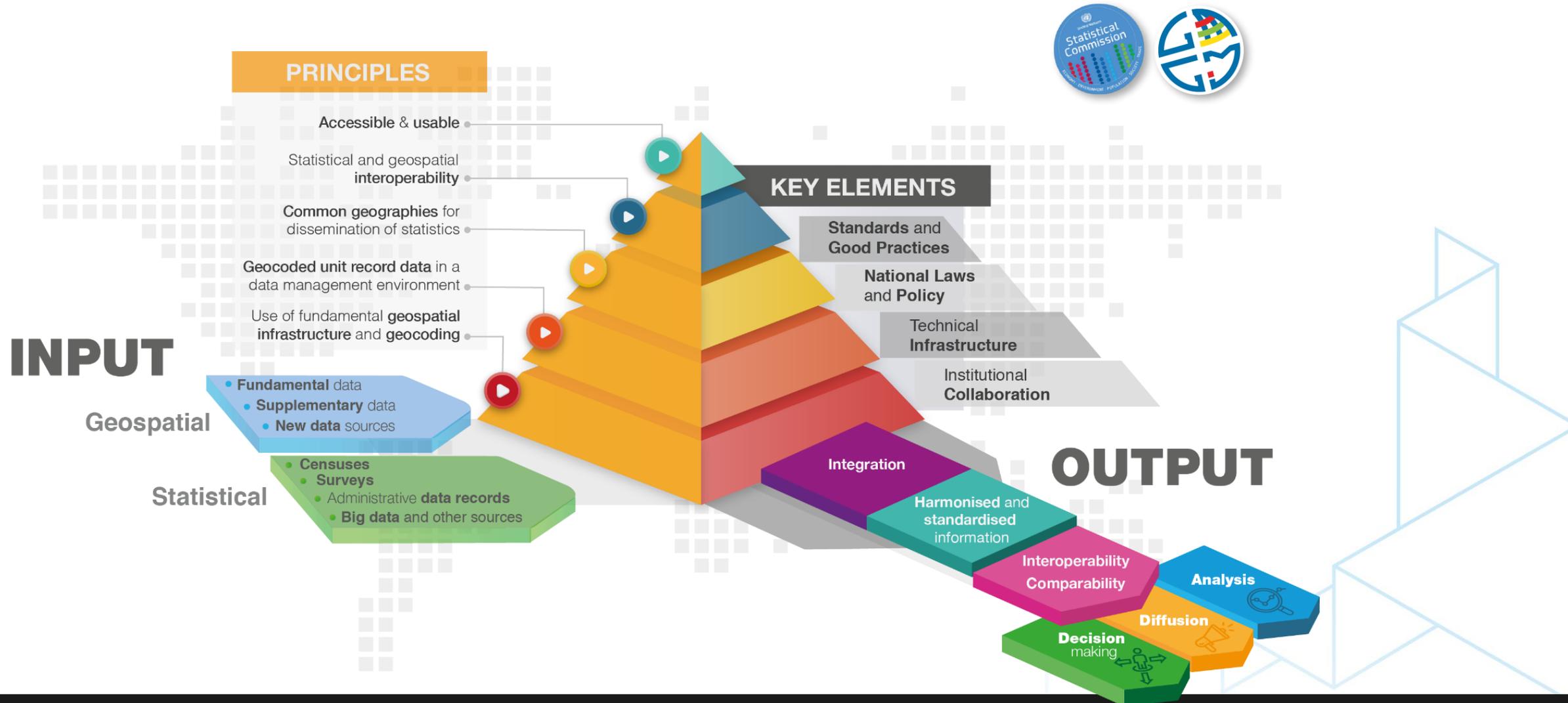
The Australian Perspective

UN-GGIM-AP Regional Seminar

26 November 2024

Maree Wilson - Chief of Place and Communities Division | Geoscience Australia

Translating the Global Geospatial Statistical Framework into national action



Geospatial goals for statistical information



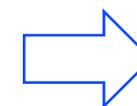
Anyone can
integrate data
recorded against
different
geographies



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

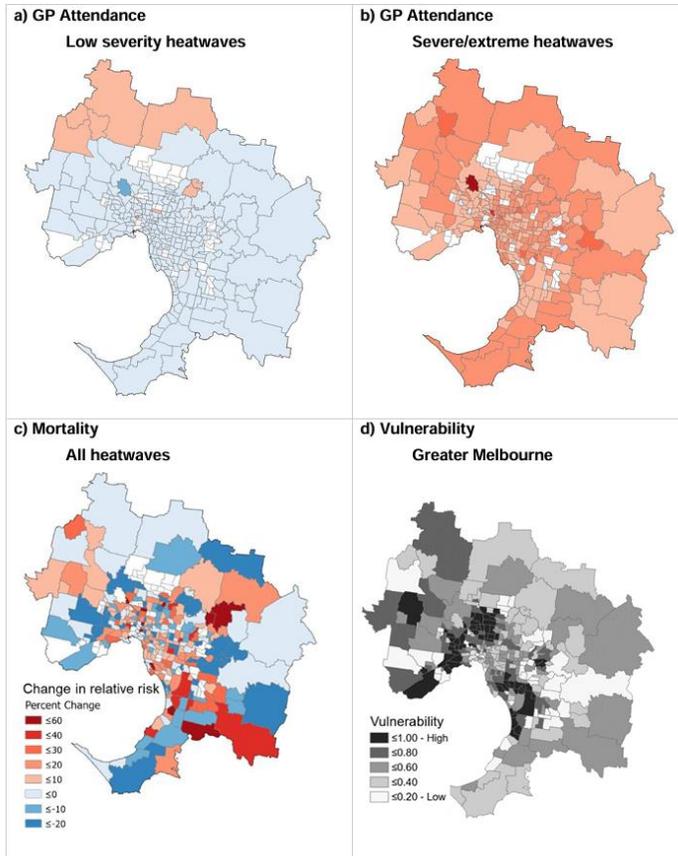
More informed
policy
development

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

Progress to date



NSW Point
A solution to all-of-government address management

Home Product Information Sample Forms Support News

All-of-government Addressing

NSW citizens provide their addresses to government agencies on a daily basis. Whether applying for a driver's licence, requesting a birth certificate or booking into hospital, an address is one of the primary pieces of information required on most government forms.

Whole of Government Addressing has been developed by Spatial Services to improve customer experience when dealing with the government by offering high quality, real time address validation, reporting and analytics. NSW Point and NSW Point Bulk Address Validation deliver authoritative source of truth information.

NSW Point is the recommended address validation solution endorsed by the NSW Government [Digital Design System](#).

NSW Point Address Validation and Location Web Services

NSW Point offers a range of address and location web services designed to be embedded into government online forms and applications. Benefits include improved service delivery with ease of data entry by reduced key strokes, a seamless data entry experience across agencies and access to a verified national address repository. Being able to locate NSW citizens will improve efficiency for emergency services, installation of utilities, reduce fraudulent activity and enable revenue to be collected.

NSW Point includes options for the validation of physical and postal addresses and can return the available geographical and administrative information that is associated with an address location.

Key features -

- Real time address validation
- Comprehensive national address datasets with live updates
- Utilises machine learning for predictive address suggestions
- Geocoded address data enables spatial analysis

For the latest news and information please see our [News](#) page.

[Learn More](#)

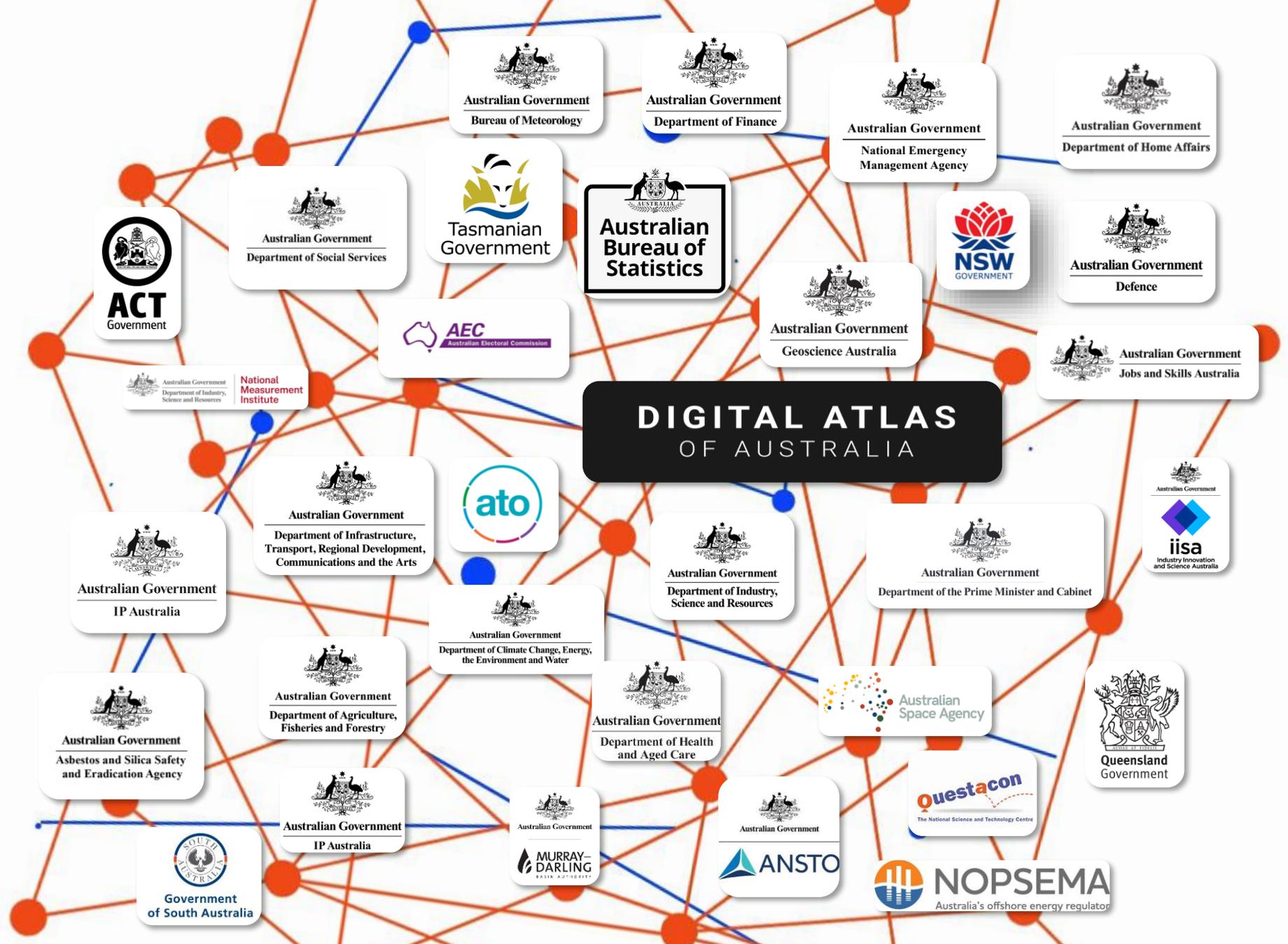


2019: Data Integration Partnership tested geospatial data integration for several policies, including the effects of heatwaves on human health

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.

The digital ecosystem





Total Enrolment
4.1M

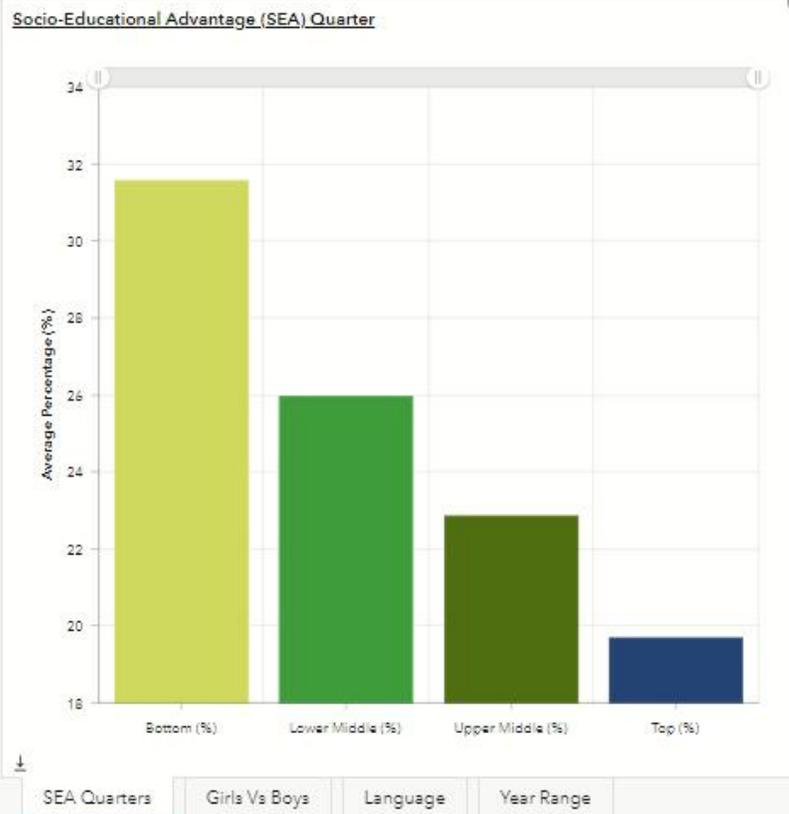
Girls Enrolment
2M

Teaching Staffs
338.5k

Number of Schools
9.5k

Bottom SEA Quarter
Average %

32%



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 Qu...	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	Bredfield	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	Clerk	Prep-12	699	699	3	14	28	55	109	21	EIE	In person/Virt...	Yes	19/20, 20/21, 2...
Yallingup Scho...	QLD	Government	Combined	School Single...	Major Cities	Bredfield	Prep-12	1,010	2,400	4	10	20	52	140	24			No	

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)

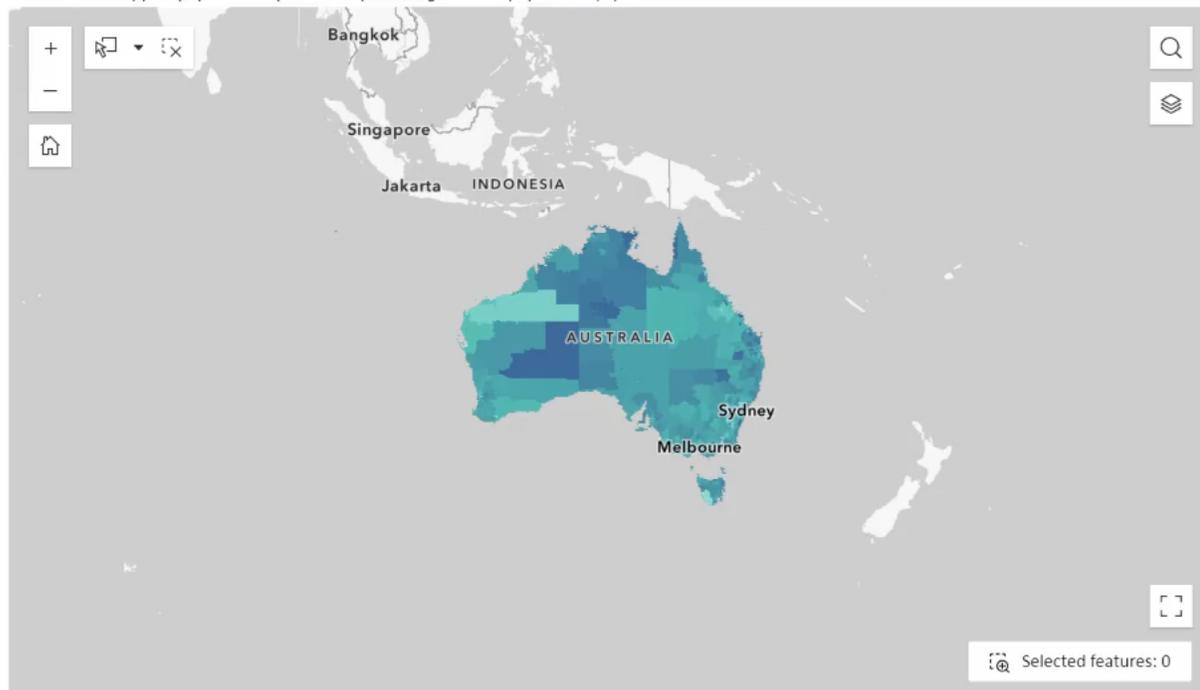
Youth Allowance (Student)

Total income support payment recipients

Statistical Area Level 2 (2021)

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

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](#)

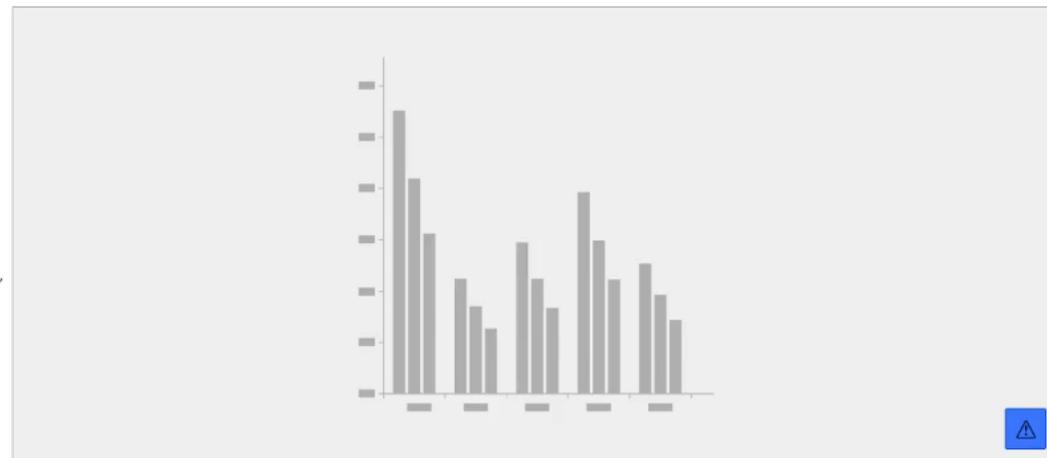
(Source: Department of Social Services, September 2023; and Australian Bureau of Statistics, Population Estimates, November 2022)

- **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**



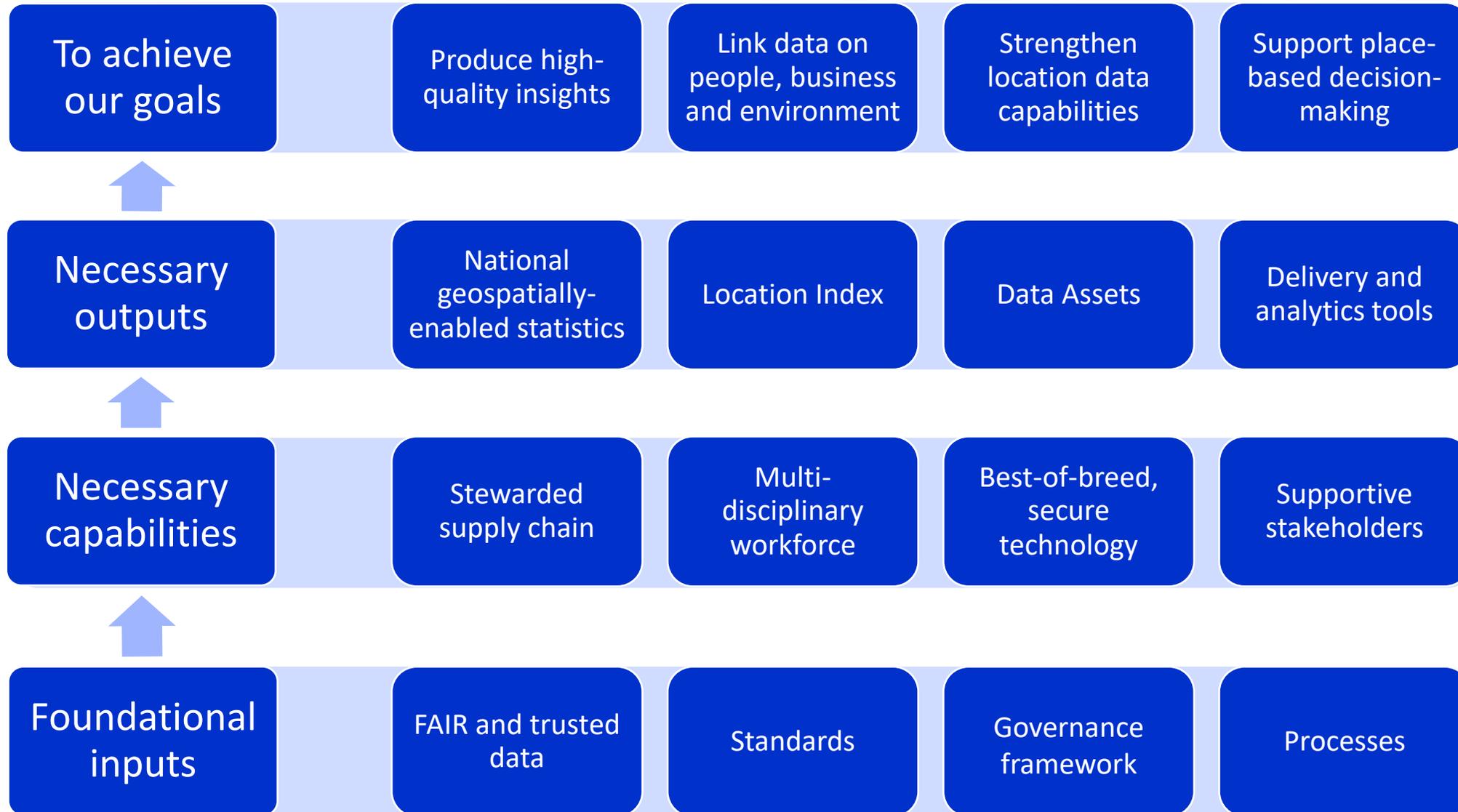
[Instructions](#)

[More information](#)

[Contact us](#)



Next steps



Unlocking the power of place-based decisions for all Australians



digital.atlas.gov.au

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