

# Getting access to reliable small area data

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# PHIDU

Established in 1999.

Provides information on a broad range of health and other determinants across the life course.

Emphasis on the publication of small area statistics for monitoring inequality in health and wellbeing, and for supporting opportunities for the prevention of, and early intervention in, the development of adverse population health outcomes.

Data available

at <http://www.adelaide.edu.au/phidu/>

<http://www.atlasesaustralia.com.au/conference/remoteness/aust/mothers-babies.html>

# Small area data: PHIDU's confidentialisation rules

To reduce number of small cells, for reasons of data confidentiality, individual privacy, PHIDU

- excludes areas with a population of e.g., <1,000
- suppresses cells with counts of between one and four; and, in some cases,
- aggregates data over a number of years (e.g., data for premature mortality (deaths before 75 yrs of age) are published over a period of four or five years).

# Small area data: others' confidentialisation rules

- DHS suppresses data <20
- DVA, <4
- DoH:
  - childhood immunisation data not provided for areas where there were fewer than 26 registered children or fewer than 6 children immunised (fewer than 5 for HPV)
  - NBCSP, <5

# Population Health Areas

Number of SA2s in PHAs across Australia

PHAs		SA2s per PHA
No.	%	
498	42.8	1
430	37.0	2
166	14.3	3
39	3.4	4
13	1.1	5
9	0.8	6
4	0.3	7
2	0.2	8
2	0.2	9
1,163	100.0	..