



STRETTON
CENTRE

WHAT THE DATA IS TELLING US (PART II)

The Connect Effect 2014 Series – 10 June 2014

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Ms Bianca Barbaro



Funded by the Australian Government Suburban Jobs Program

Overview

- Impact of GM Holden Closure
- Key Playford data
- Case study
- AURIN data hub (SA)

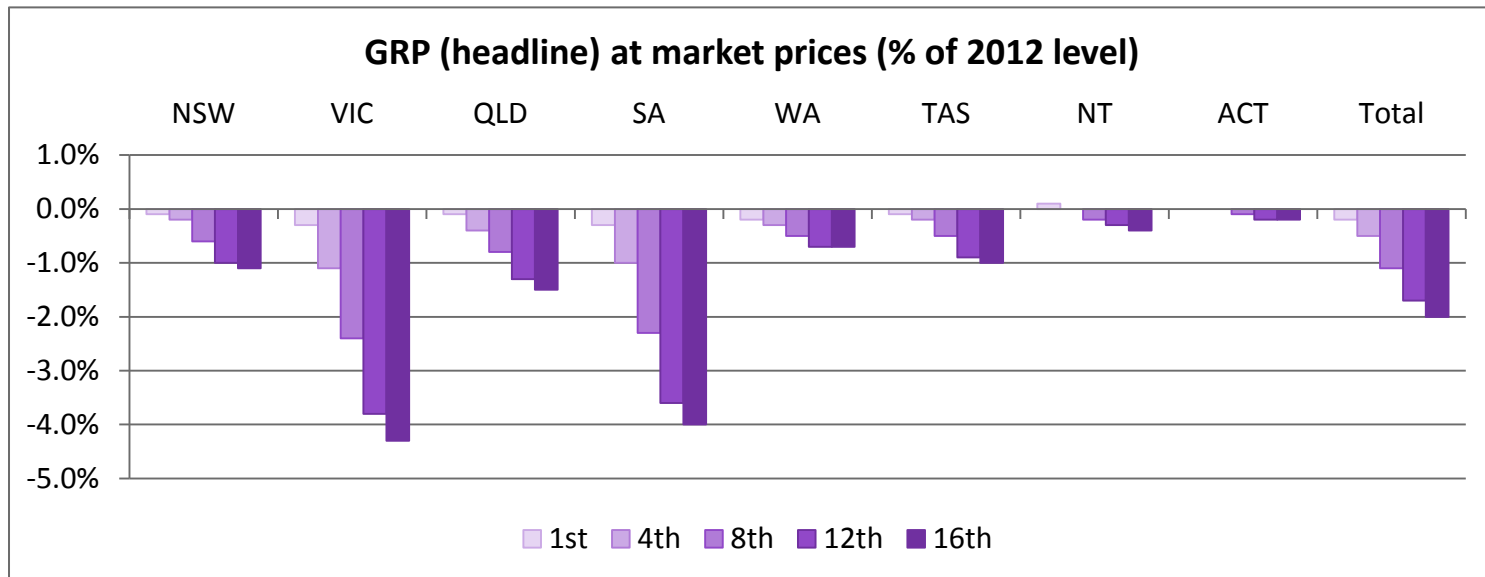


Impact of the GMH closure

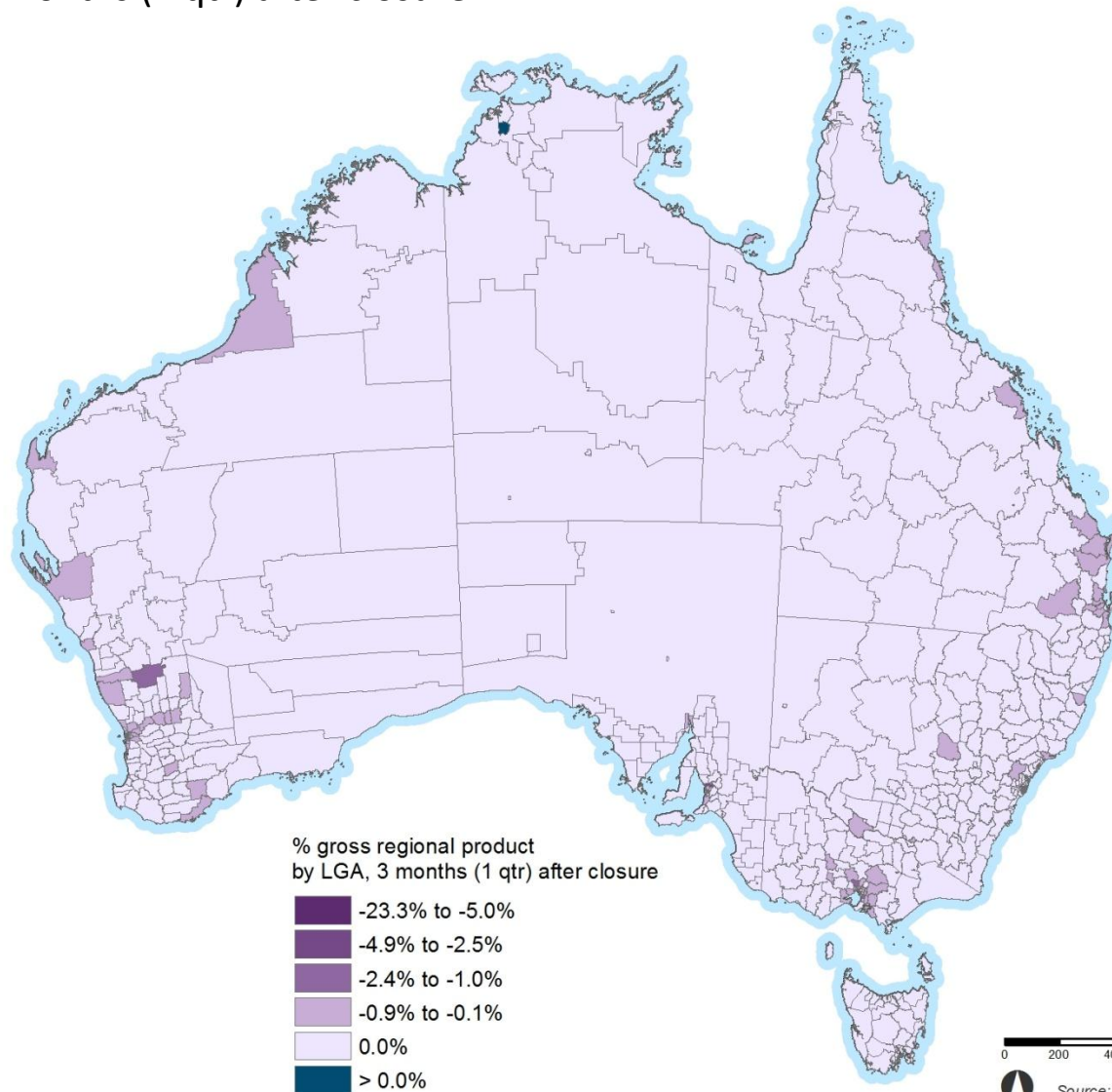


Impact of the automotive closure - SA

- Total impact of closure upon **SA** at 16 quarters after closure
 - ↓ Industry employment in SA, **-23,903**
 - ↓ GRP (headline) at market prices, **-\$912.5m**



Percentage of Gross Regional Product by LGA 3 months (1 qtr) after closure

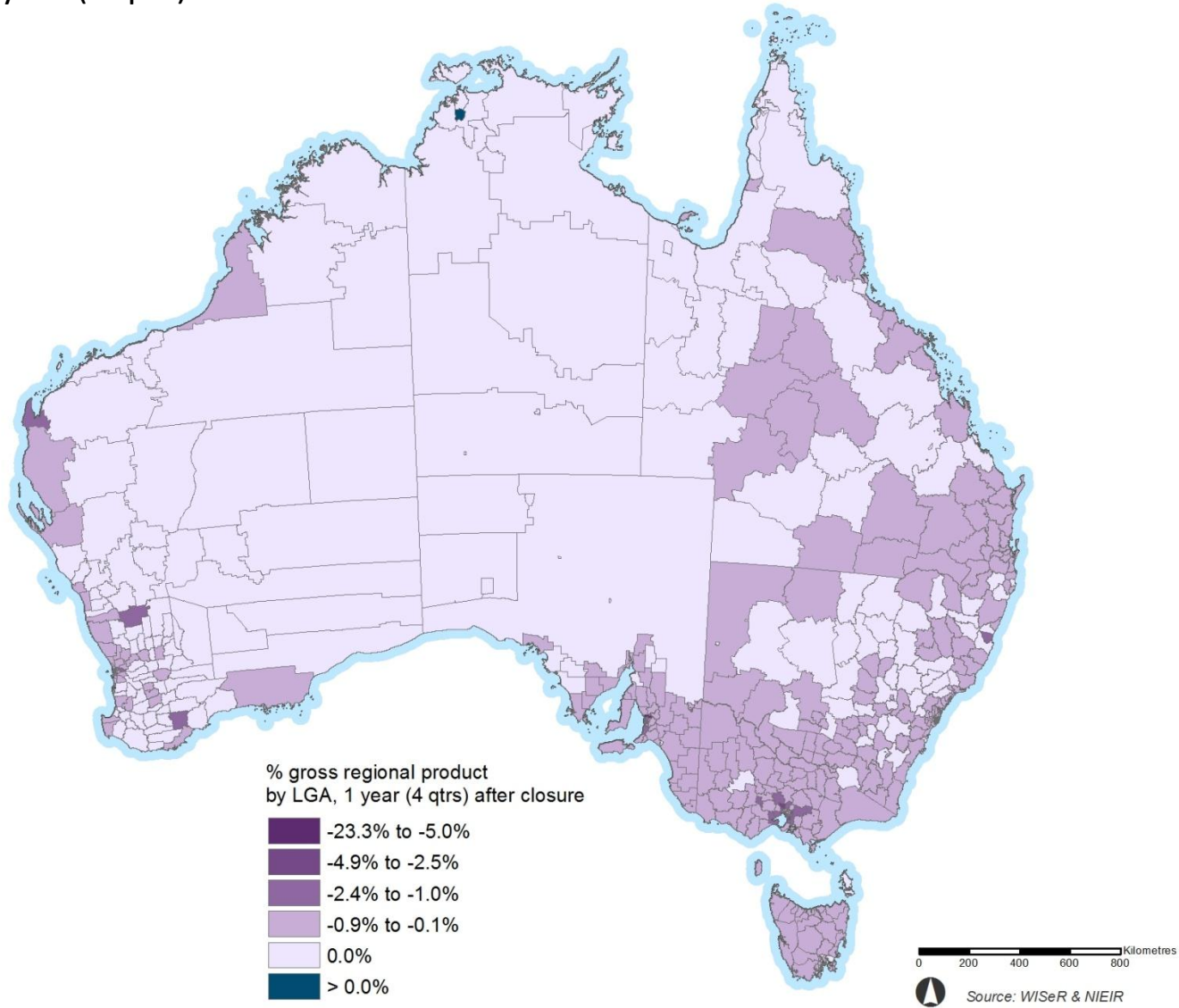


Source: WISeR & NIEIR

Data expressed as \$ per million in 2011 prices,
calculated as percent of 2012 level

Percentage of Gross Regional Product by LGA

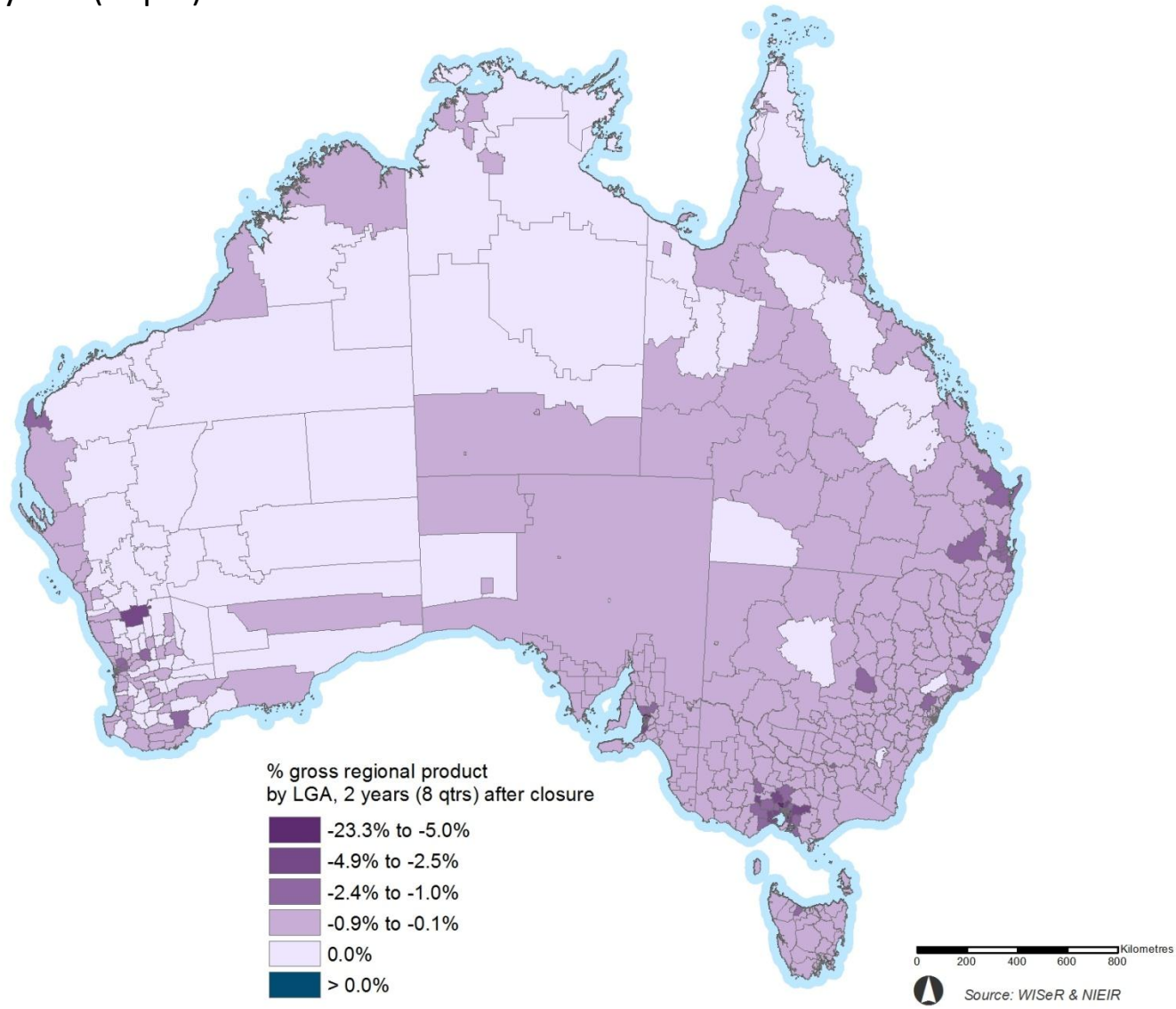
1 year (4 qtrs) after closure



Data expressed as \$ per million in 2011 prices, calculated as percent of 2012 level

Percentage of Gross Regional Product by LGA

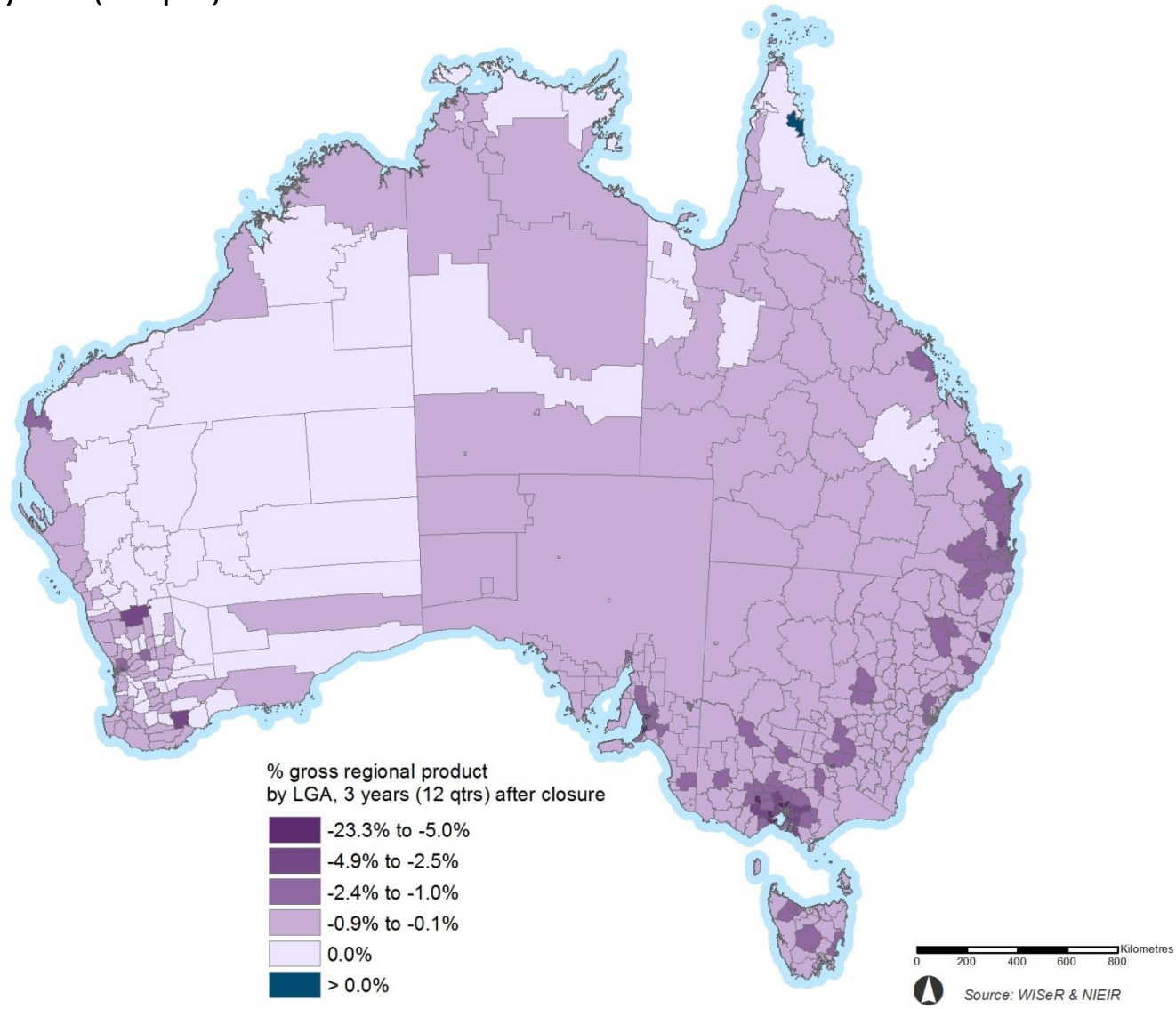
2 years (8 qtrs) after closure



Data expressed as \$ per million in 2011 prices, calculated as percent of 2012 level

Percentage of Gross Regional Product by LGA

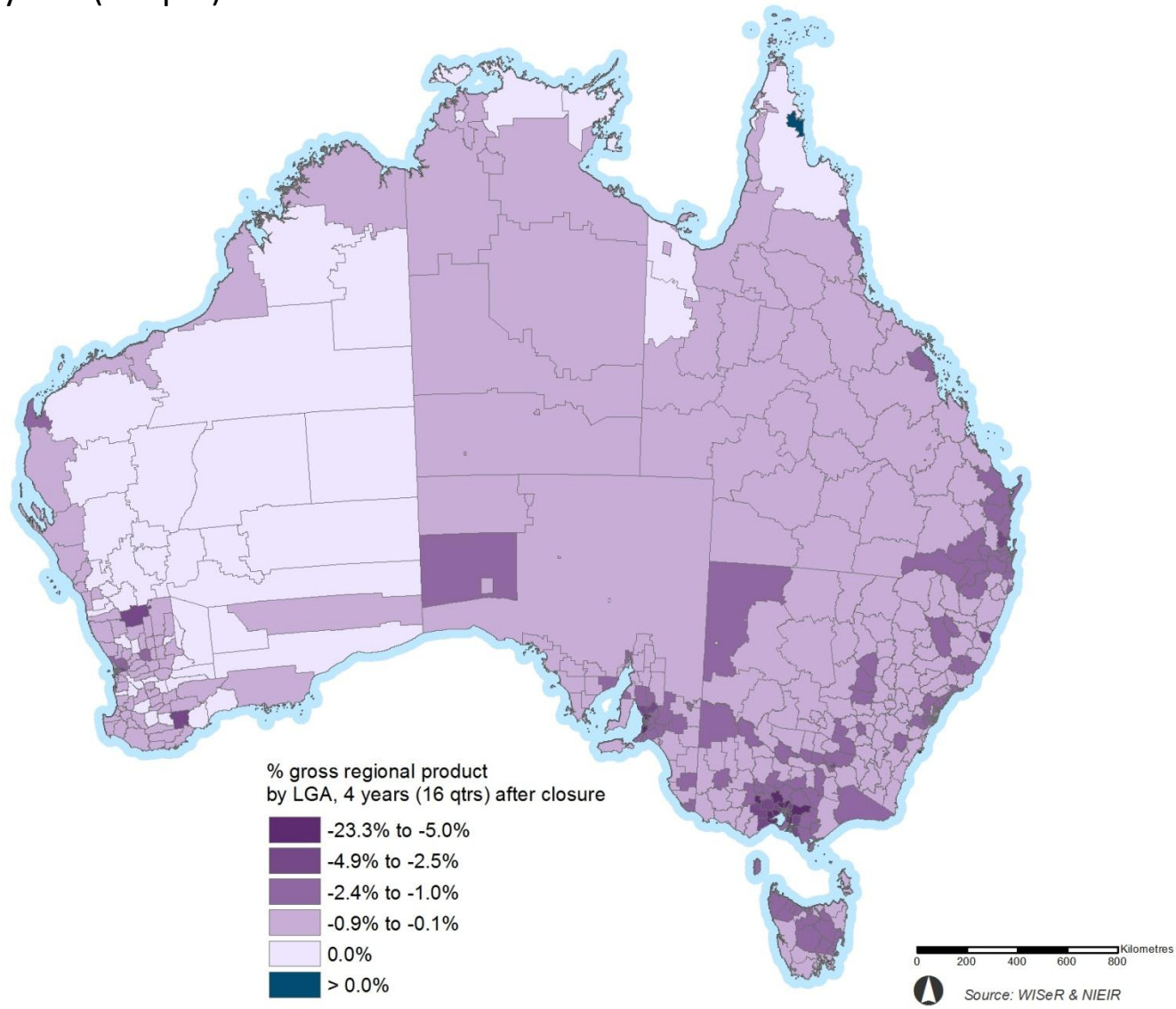
3 years (12 qtrs) after closure



Data expressed as \$ per million in 2011 prices,
calculated as percent of 2012 level

Percentage of Gross Regional Product by LGA

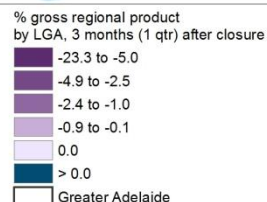
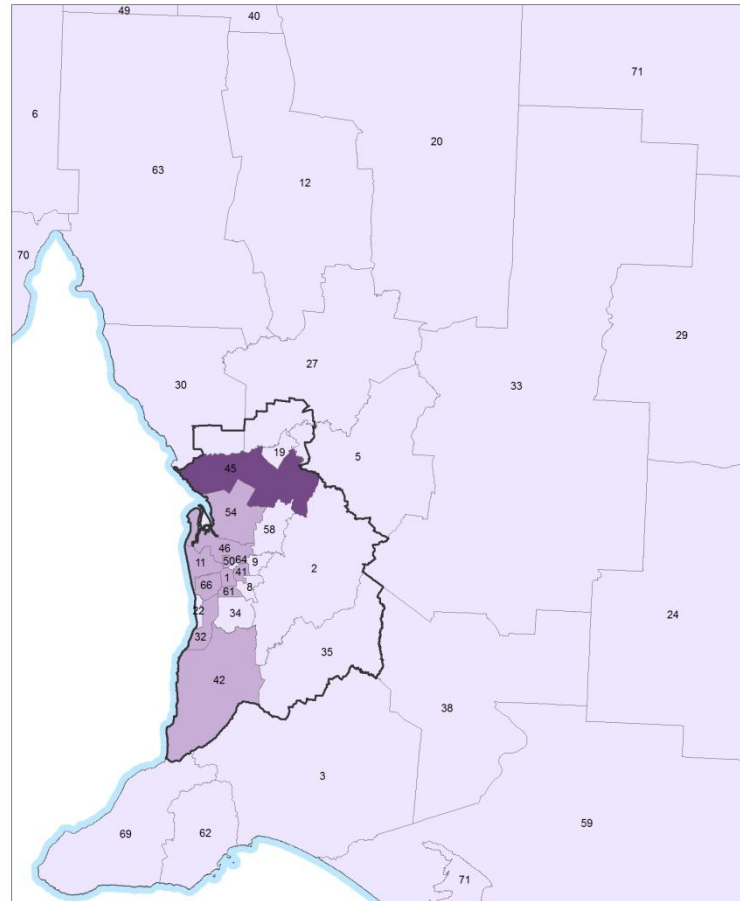
4 years (16 qtrs) after closure



Data expressed as \$ per million in 2011 prices, calculated as percent of 2012 level

Percentage of Gross Regional Product by LGA 3 months (1 qtr) after closure

Greater Adelaide



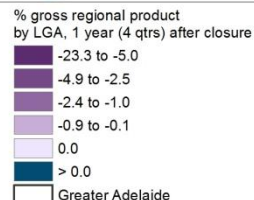
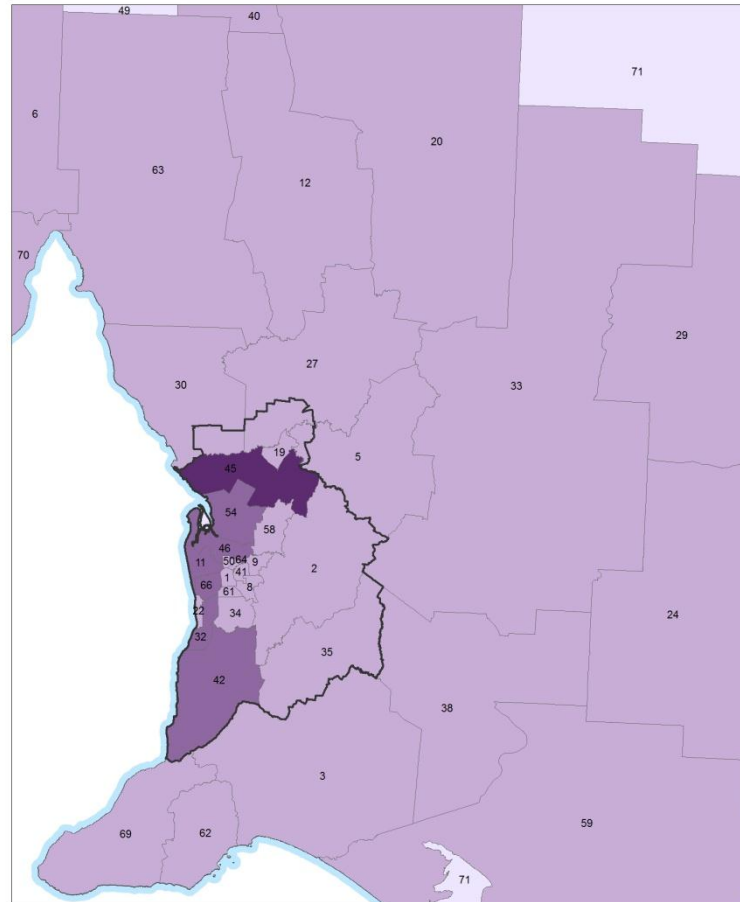
Key to LGAs

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- 2 Adelaide Hills (DC)
- 3 Alexandrina (DC)
- 5 Barossa (DC)
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Percentage of Gross Regional Product by LGA

1 year (4 qtrs) after closure

Greater Adelaide

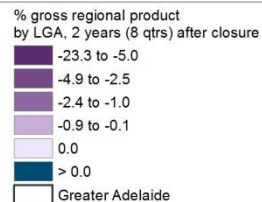
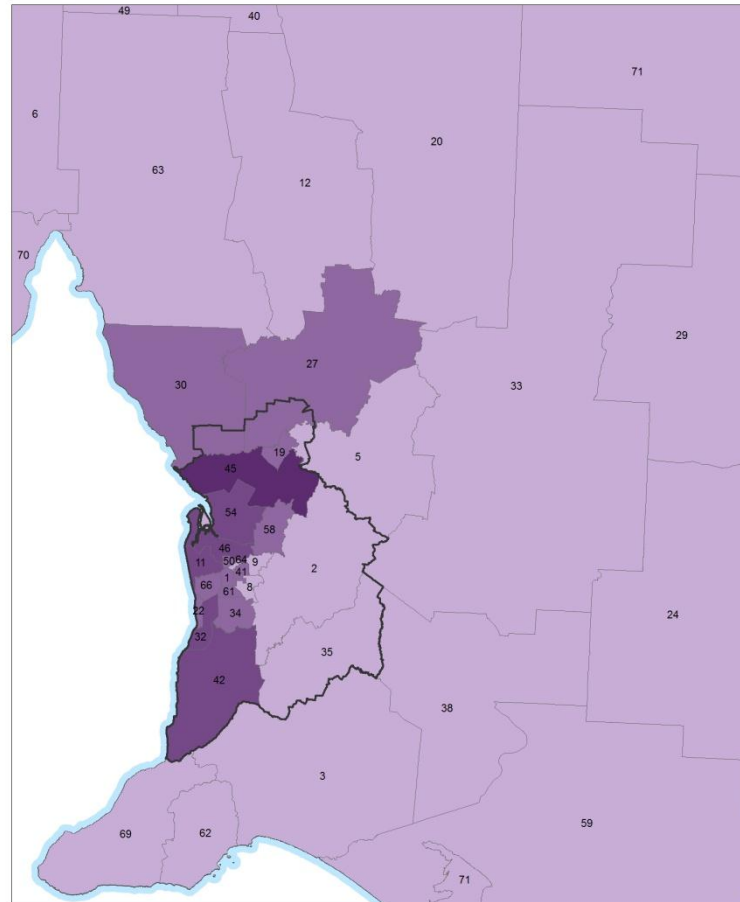


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Percentage of Gross Regional Product by LGA 2 years (8 qtrs) after closure

Greater Adelaide

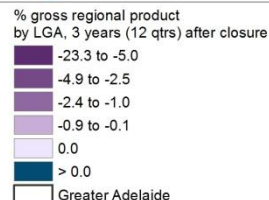
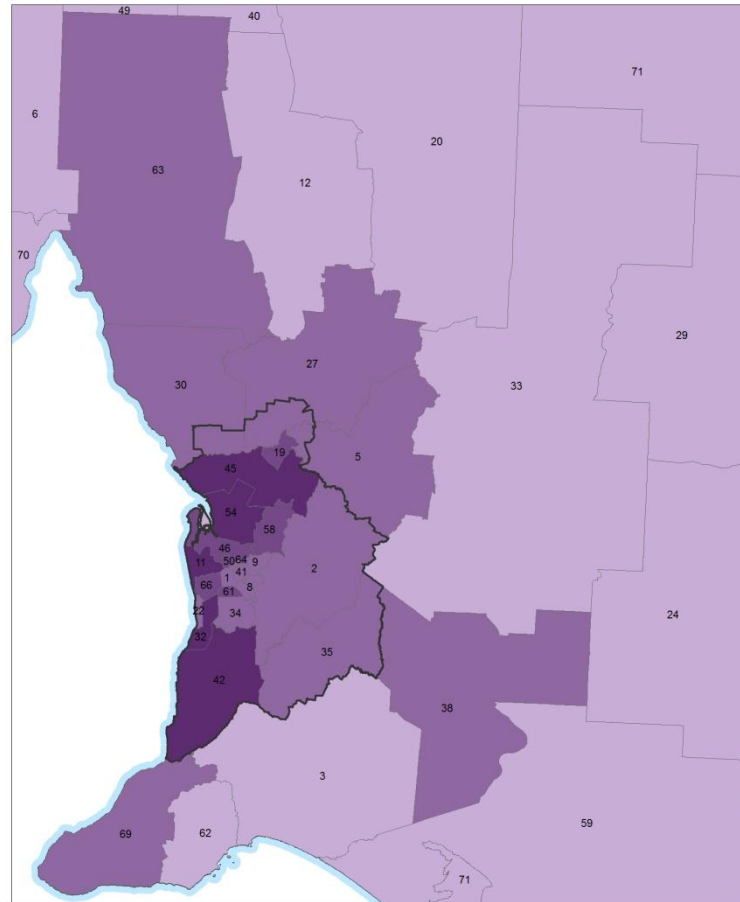


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Percentage of Gross Regional Product by LGA 3 years (12 qtrs) after closure

Greater Adelaide

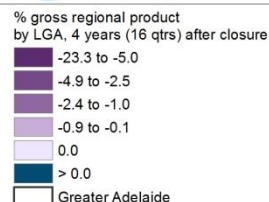
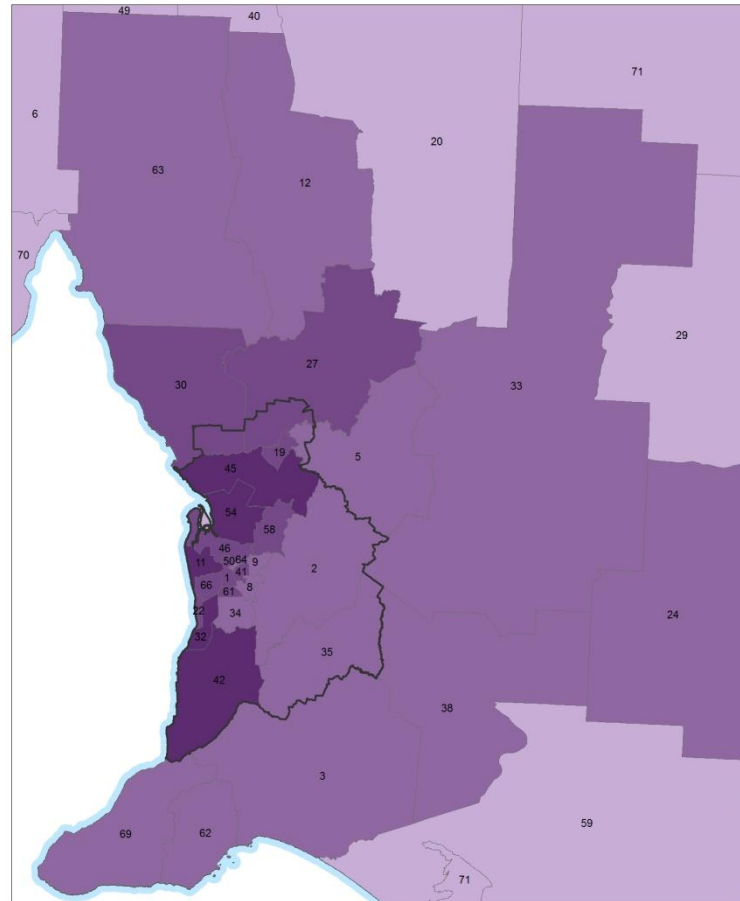


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Percentage of Gross Regional Product by LGA 4 years (16 qtrs) after closure

Greater Adelaide

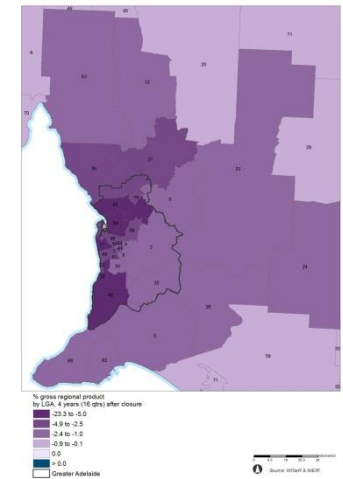
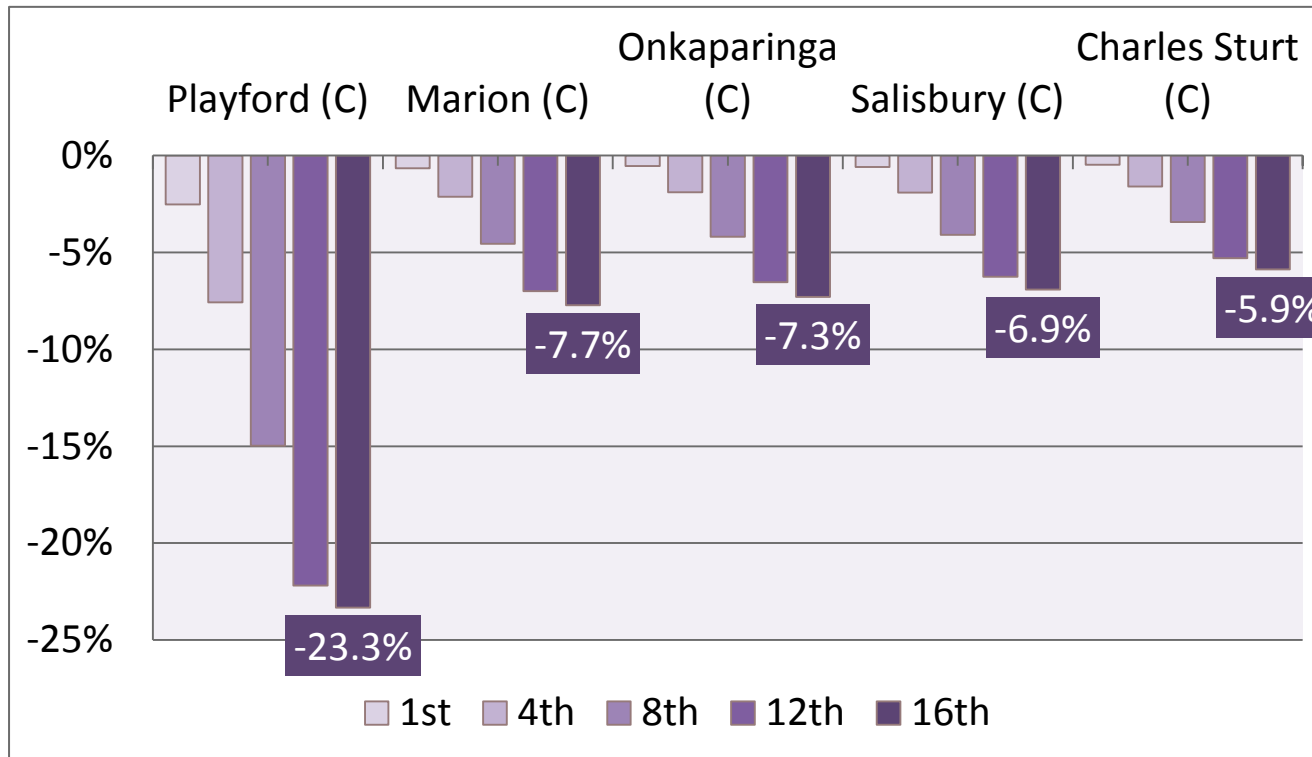


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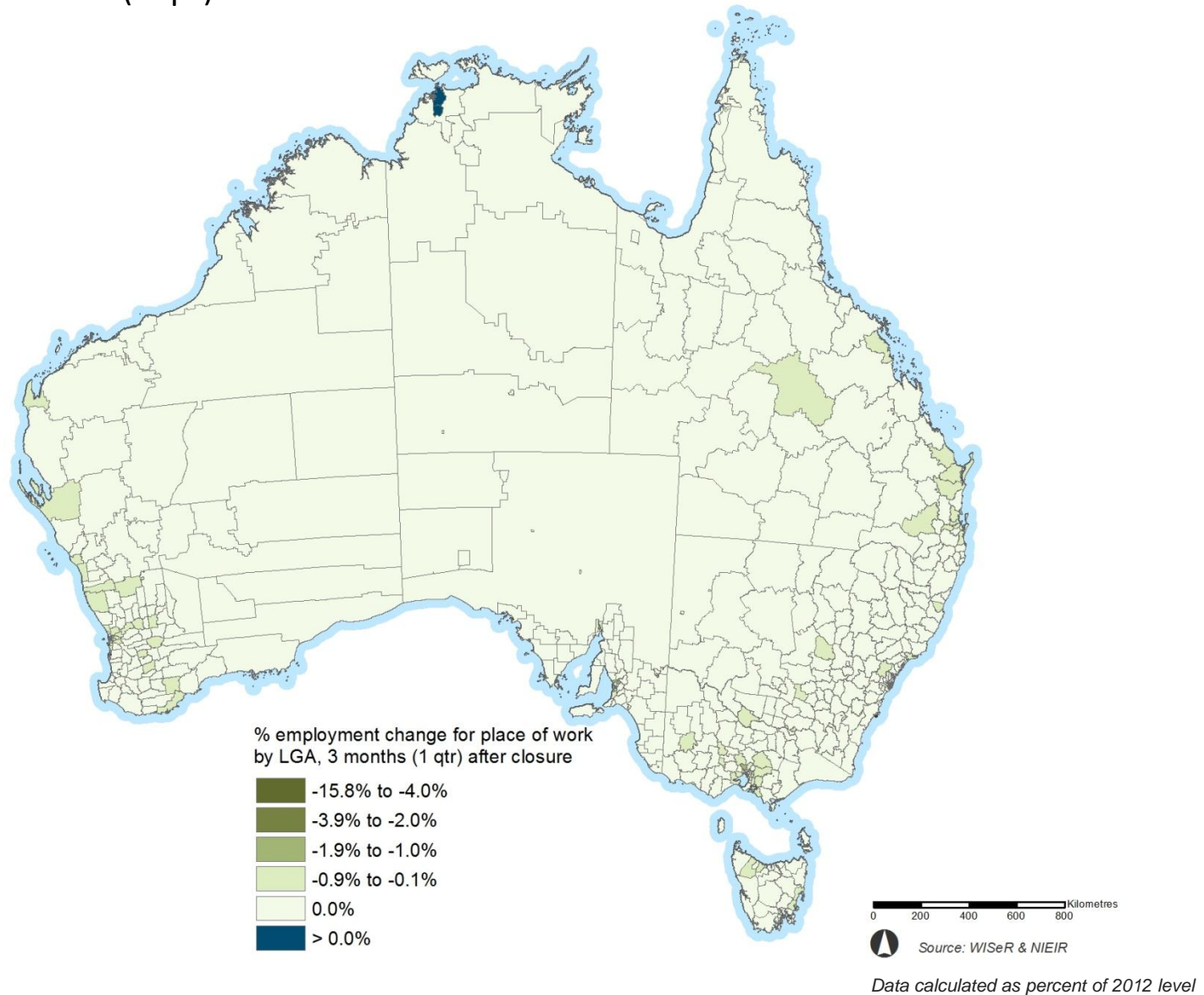
Impact of the automotive closure - SA

- % change in **Gross regional product**

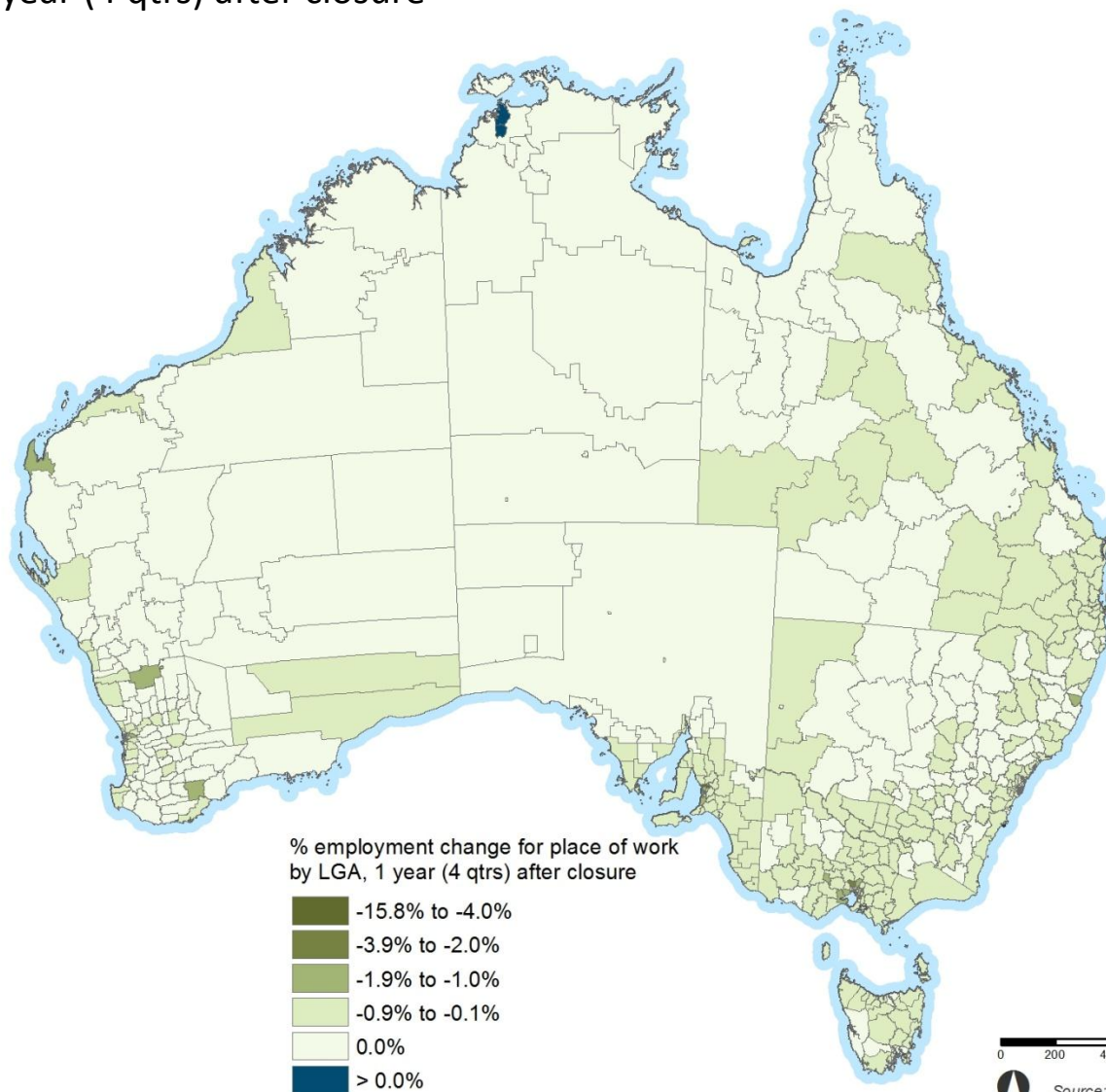


Source: WISER & NIEIR (unpublished)

Percentage employment change for place of work by LGA 3 months (1 qtr) after closure



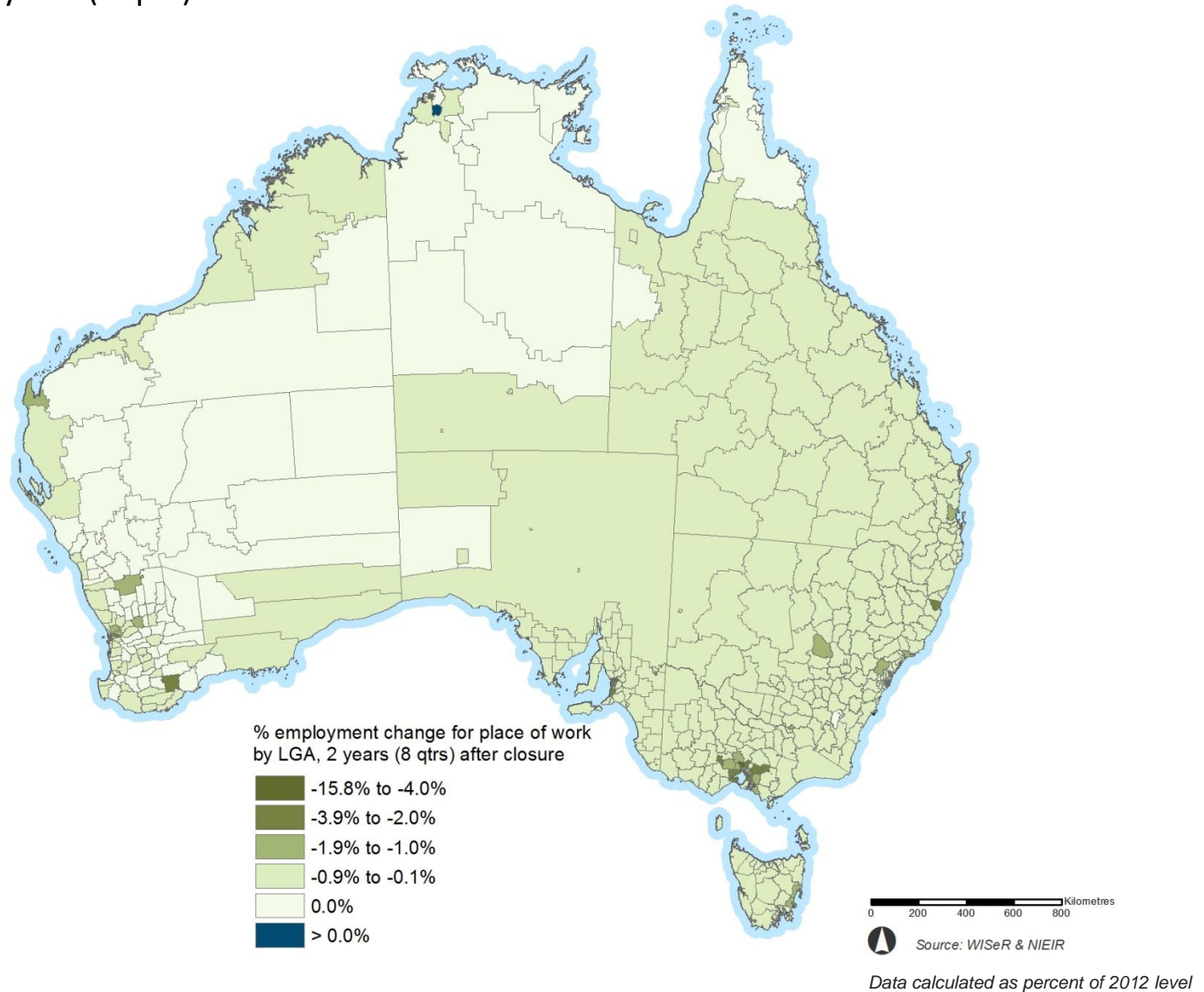
Percentage employment change for place of work by LGA 1 year (4 qtrs) after closure



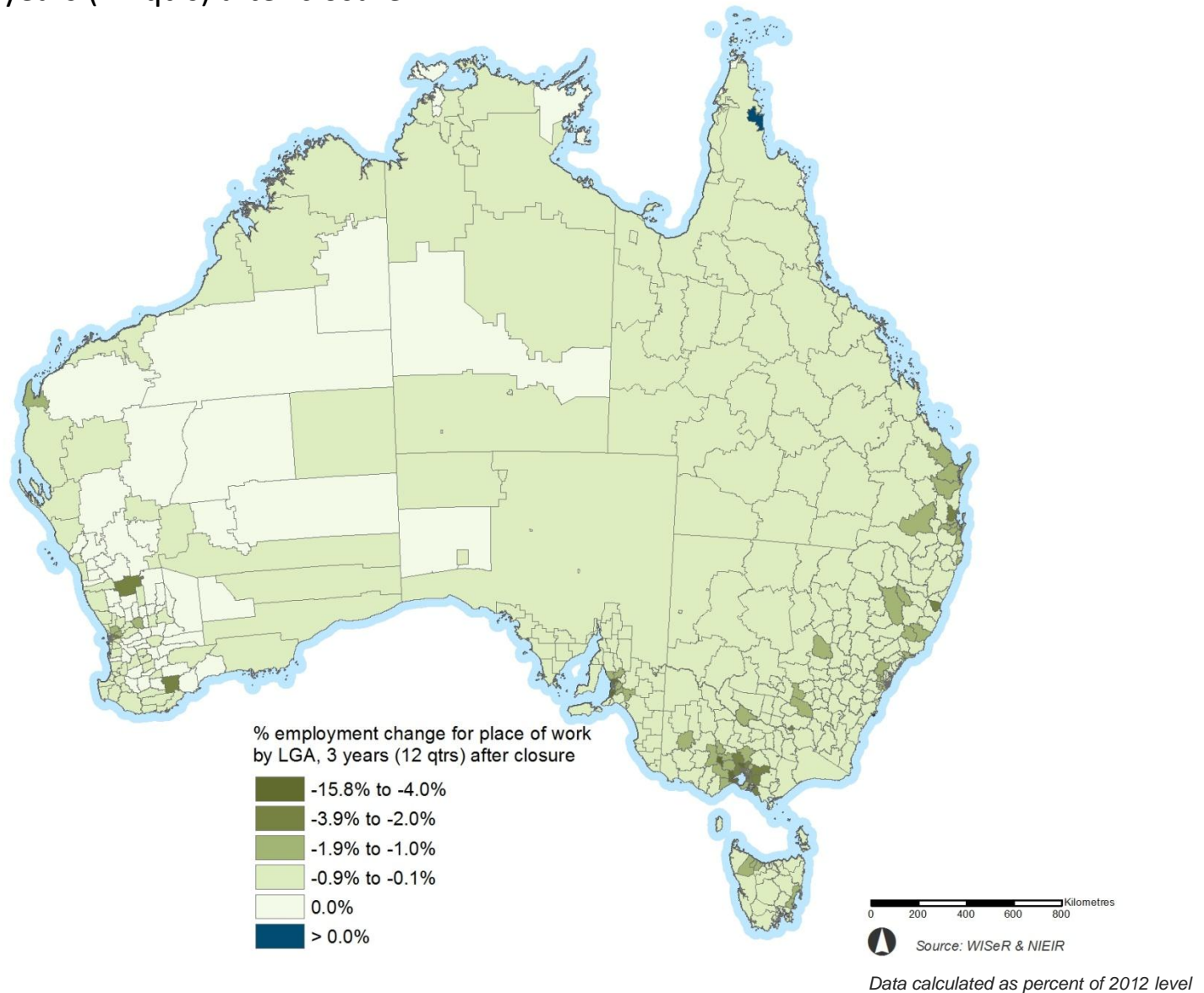
Source: WISeR & NIEIR

Data calculated as percent of 2012 level

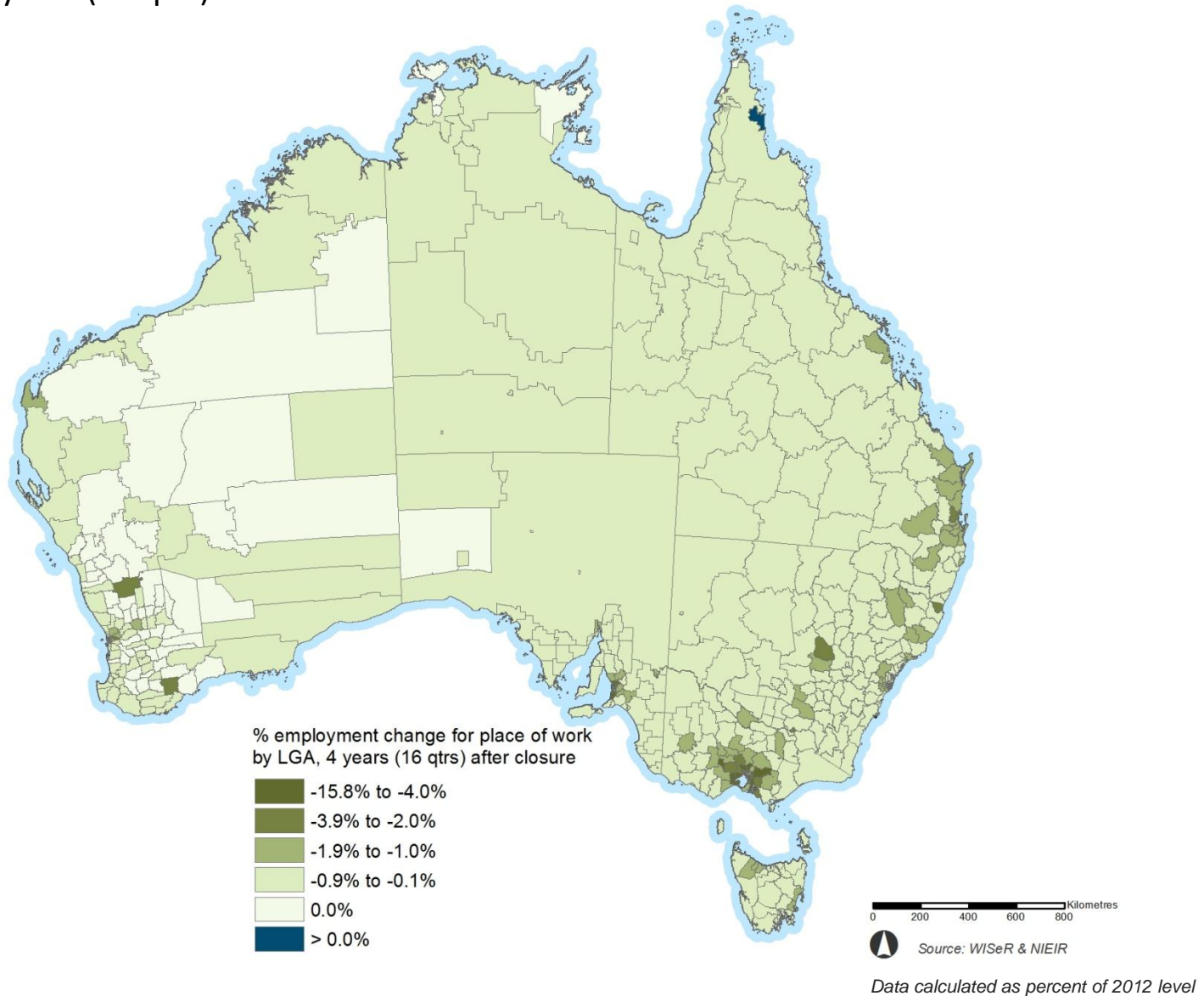
Percentage employment change for place of work by LGA 2 years (8 qtrs) after closure



Percentage employment change for place of work by LGA 3 years (12 qtrs) after closure

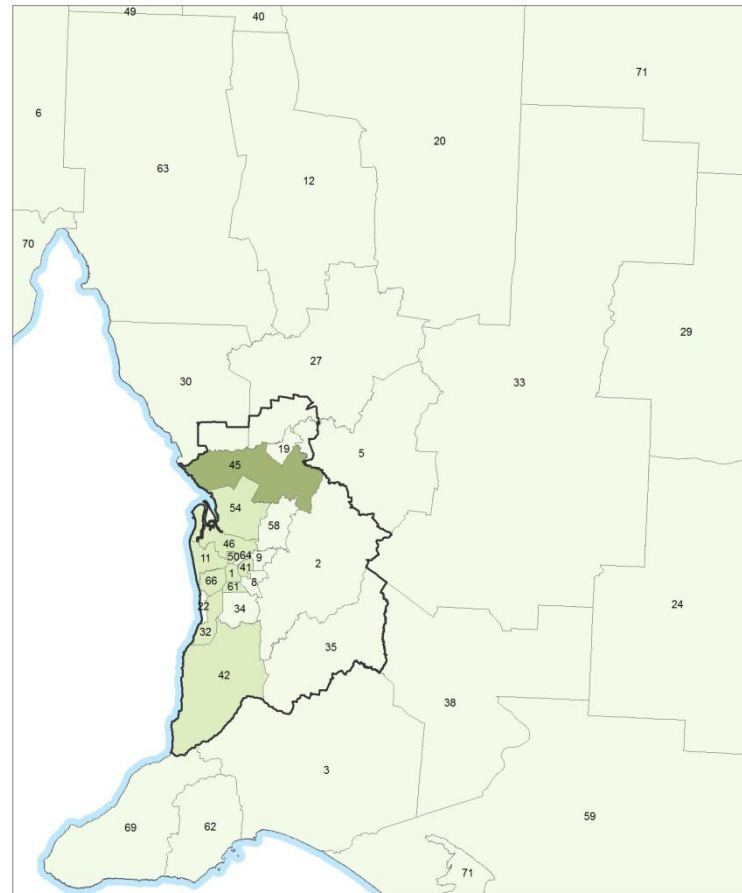


Percentage employment change for place of work by LGA 4 years (16 qtrs) after closure

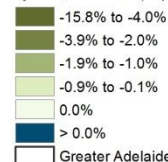


Percentage employment change for place of work by LGA 3 months (1 qtr) after closure

Greater Adelaide



% employment change for place of work
by LGA, 3 months (1 qtr) after closure

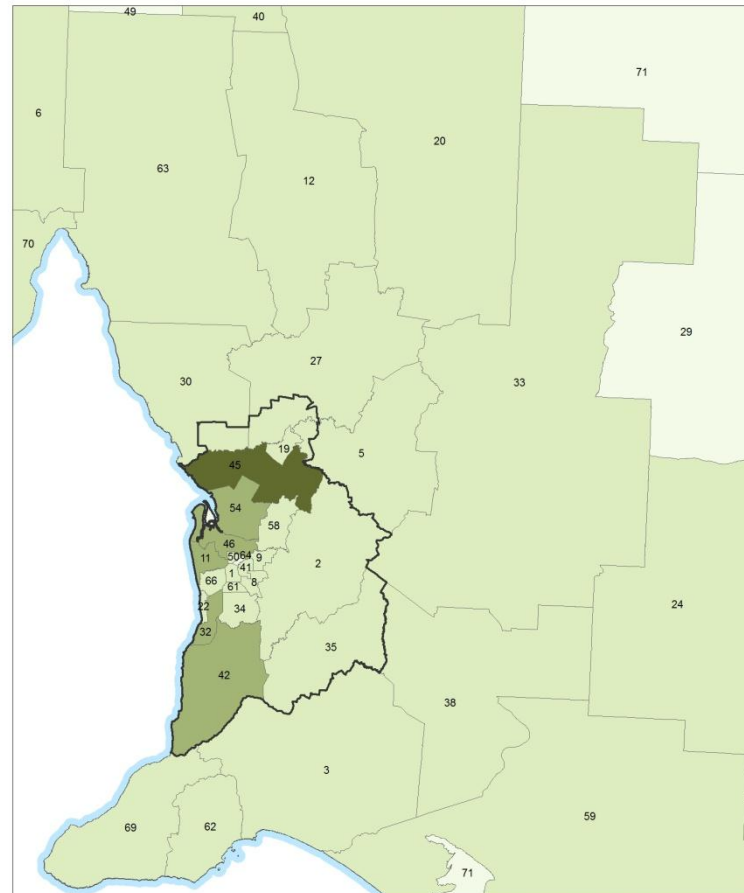


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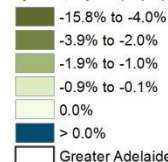
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Percentage employment change for place of work by LGA 1 year (4 qtrs) after closure

Greater Adelaide



% employment change for place of work
by LGA, 1 year (4 qtrs) after closure

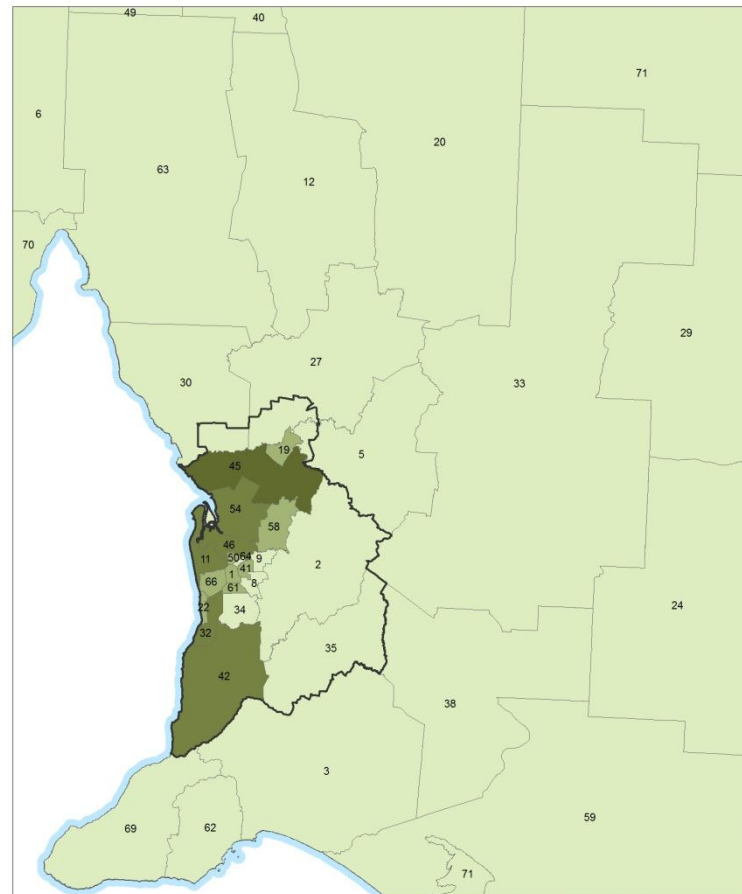


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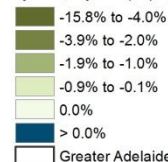
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Percentage employment change for place of work by LGA 2 years (8 qtrs) after closure

Greater Adelaide



% employment change for place of work
by LGA, 2 years (8 qtrs) after closure

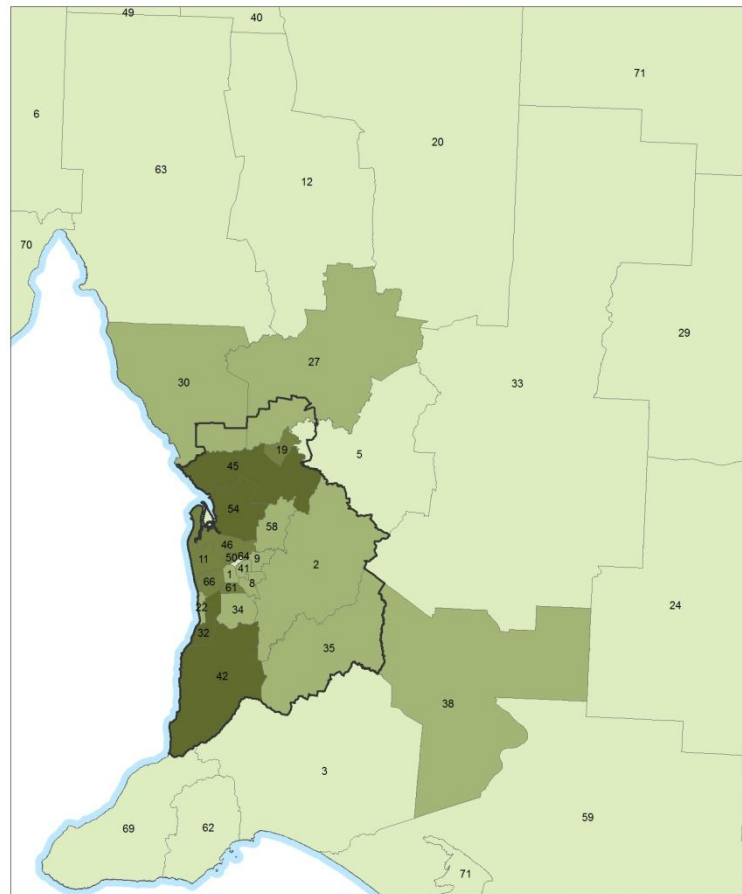


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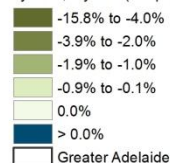
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Percentage employment change for place of work by LGA 3 years (12 qtrs) after closure

Greater Adelaide



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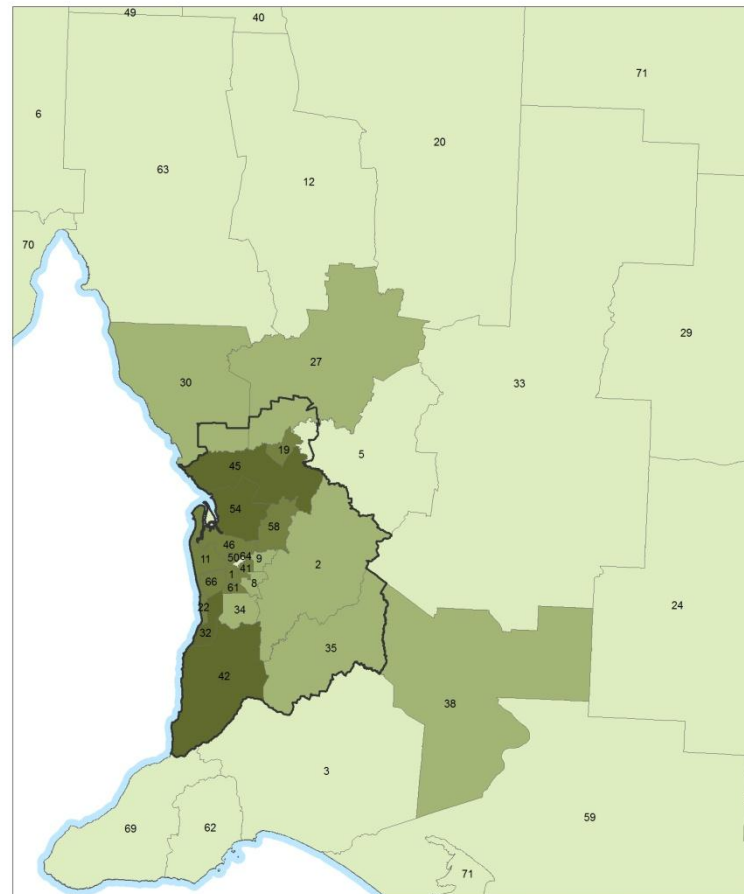


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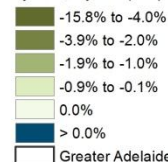
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Percentage employment change for place of work by LGA 4 years (16 qtrs) after closure

Greater Adelaide



% employment change for place of work
by LGA, 4 years (16 qtrs) after closure

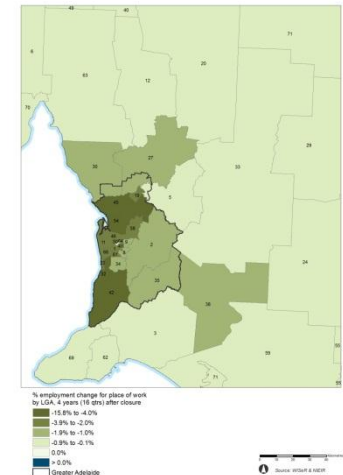
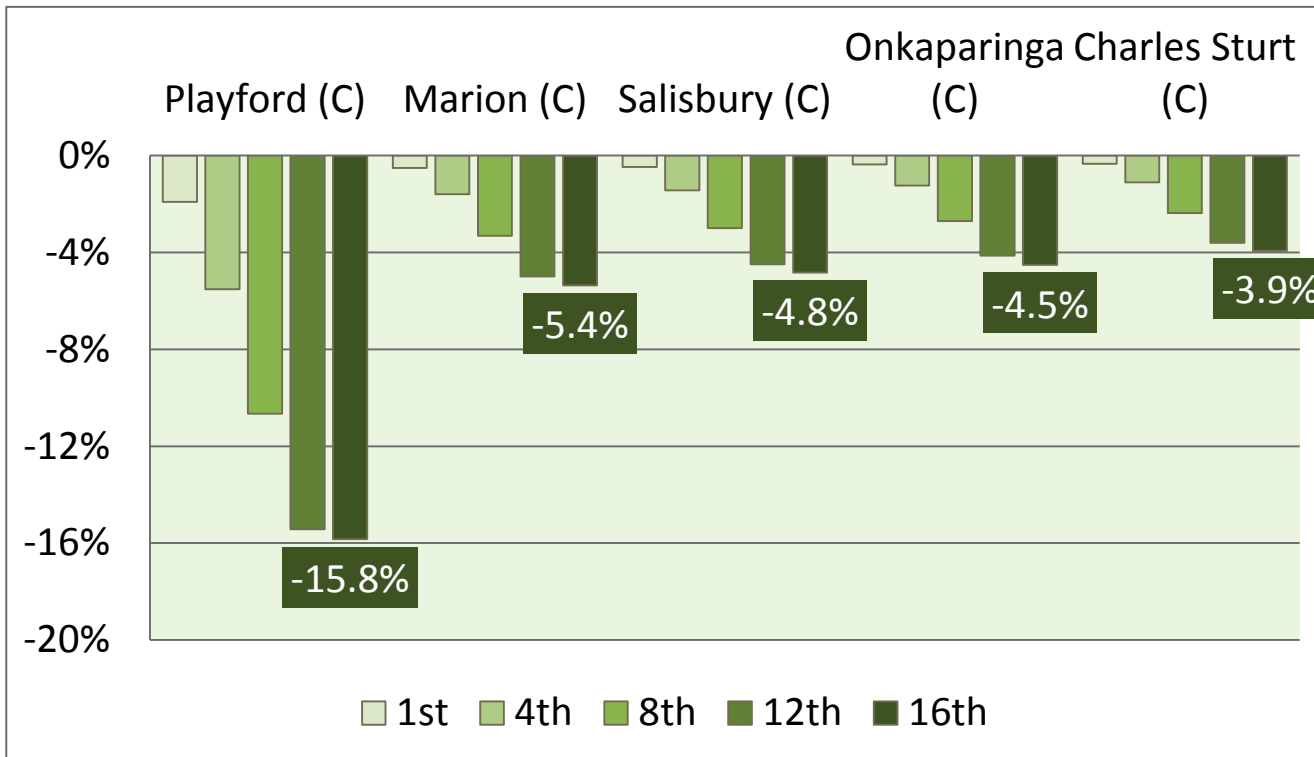


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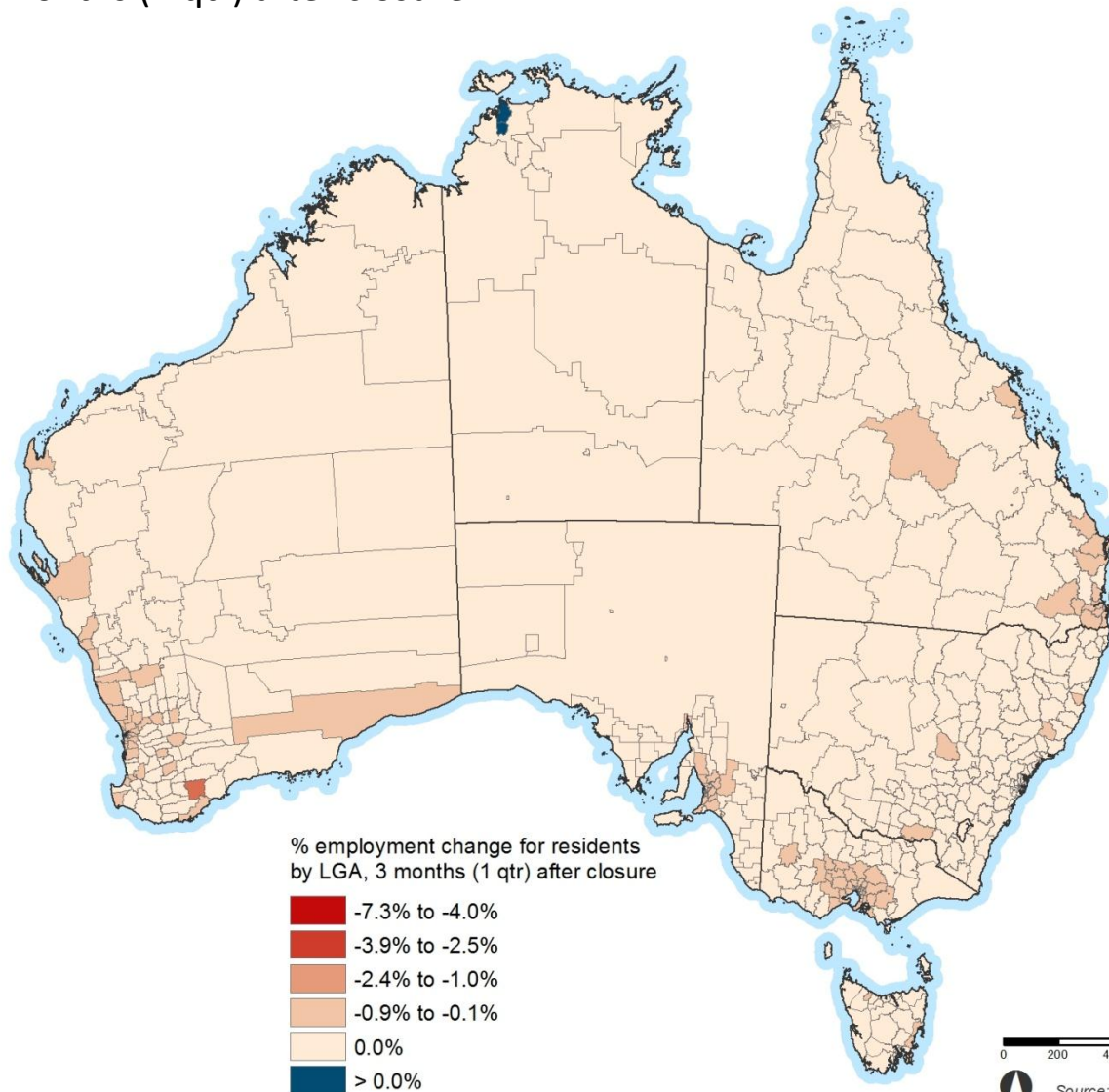
Impact of the automotive closure - SA

- % employment change in LGA - **place of work**



Source: WISer & NIEIR (unpublished)

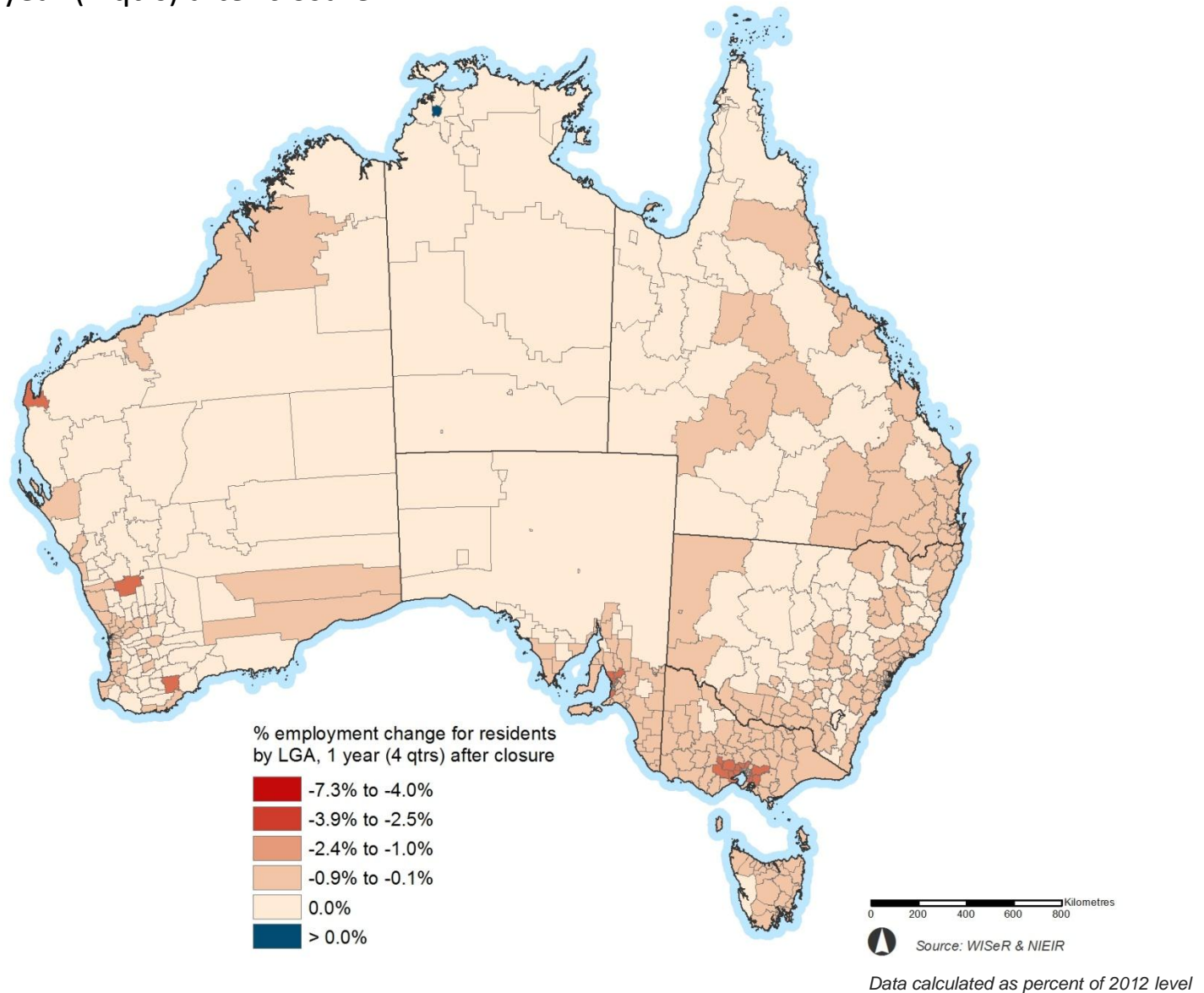
Percentage employment change for residents by LGA 3 months (1 qtr) after closure



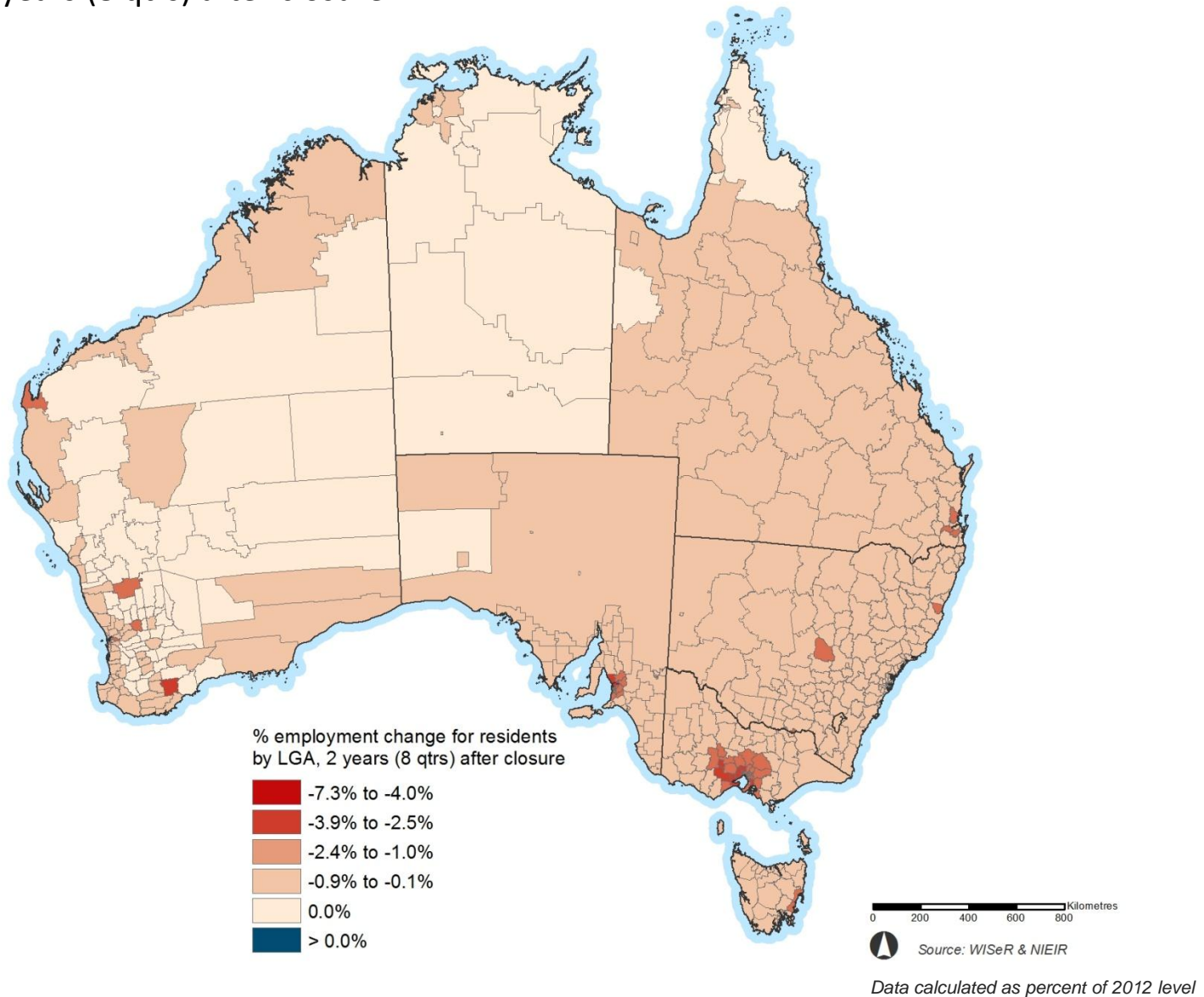
Source: WISeR & NIEIR

Data calculated as percent of 2012 level

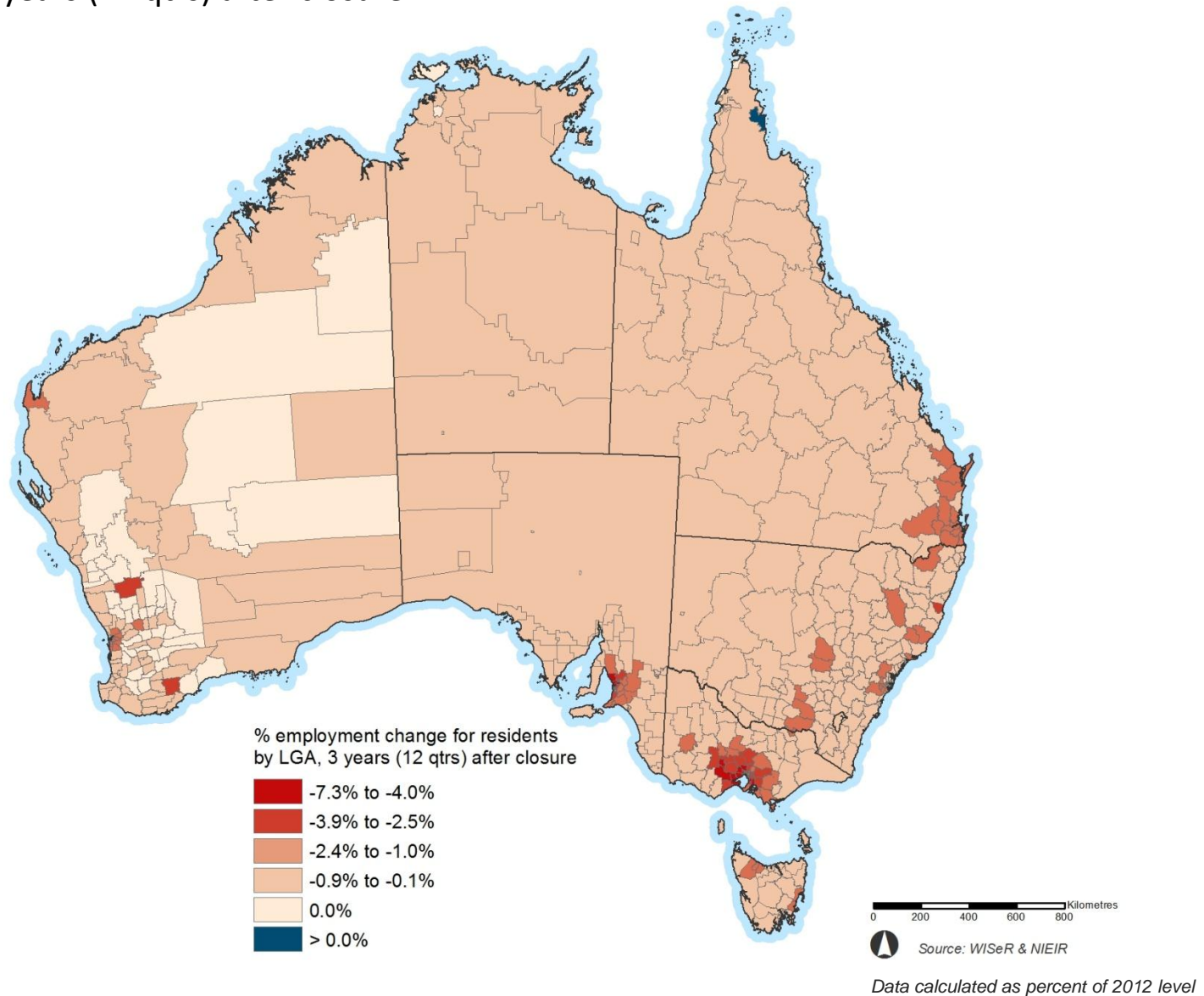
Percentage employment change for residents by LGA 1 year (4 qtrs) after closure



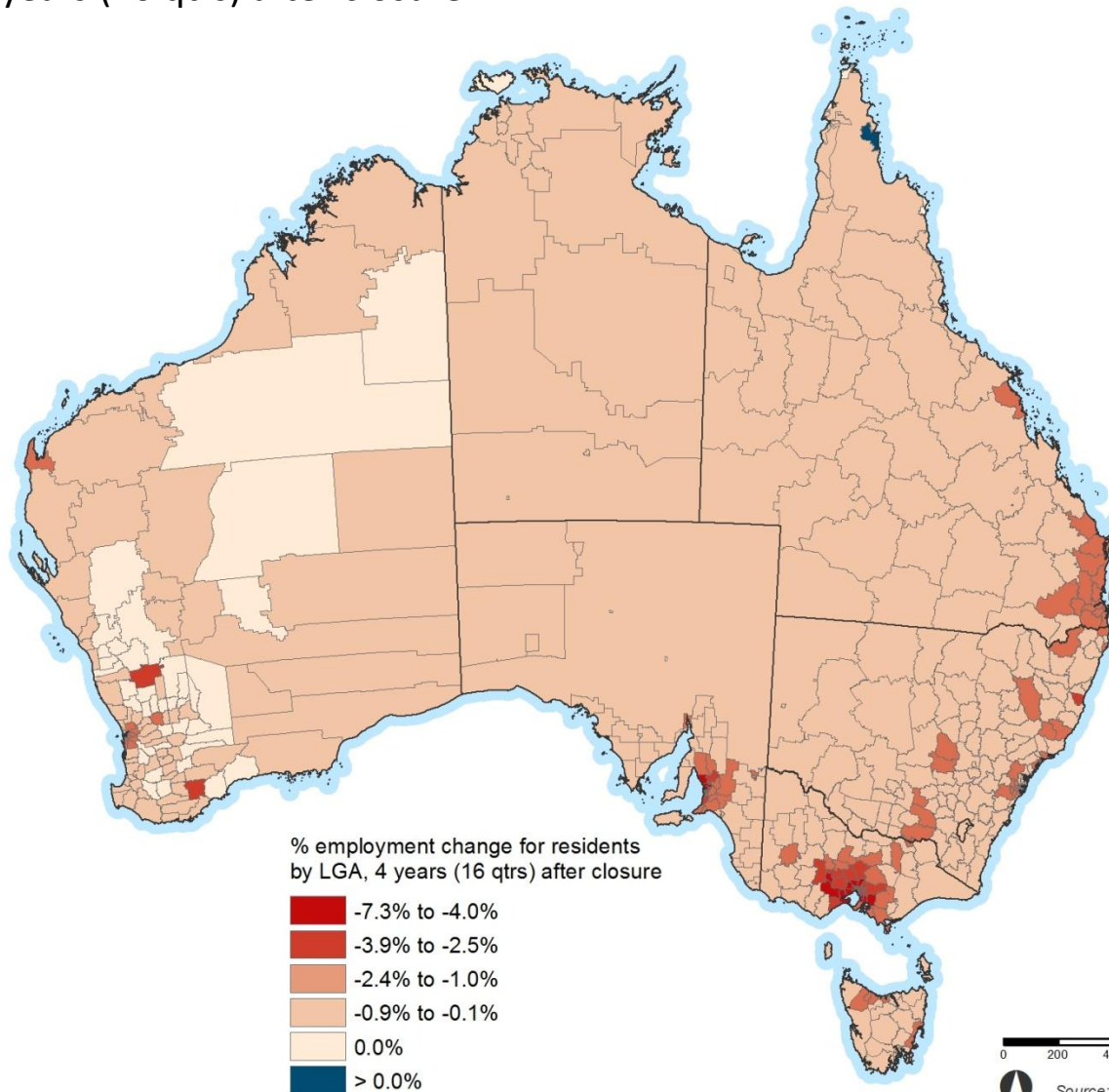
Percentage employment change for residents by LGA 2 years (8 qtrs) after closure



Percentage employment change for residents by LGA 3 years (12 qtrs) after closure



Percentage employment change for residents by LGA 4 years (16 qtrs) after closure



0 200 400 600 800 Kilometres



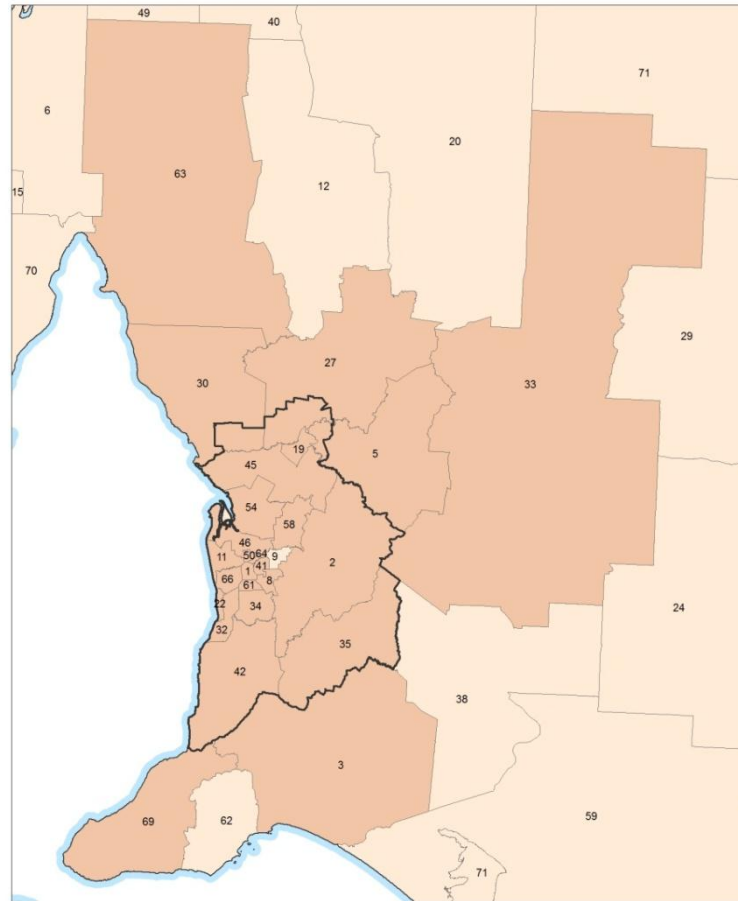
Source: WISeR & NIEIR

Data calculated as percent of 2012 level

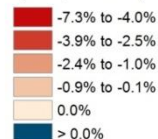
Percentage employment change for residents by LGA

3 months (1 qtr) after closure

Greater Adelaide



% employment change for residents by LGA, 3 months (1 qtr) after closure



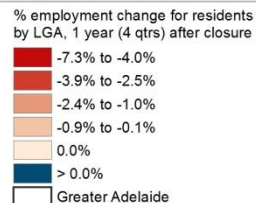
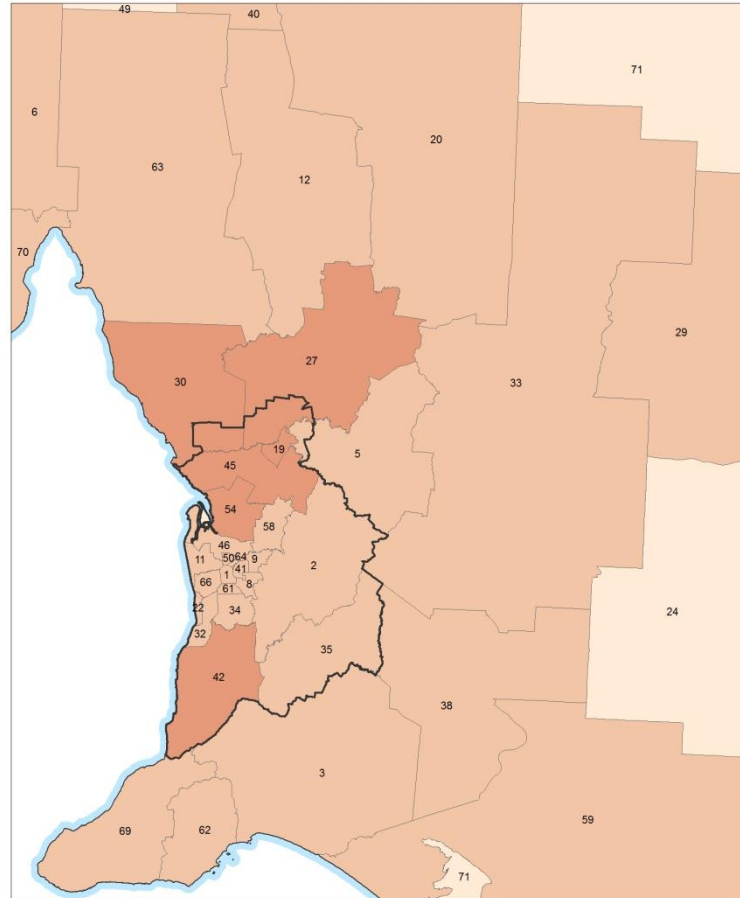
Key to LGAs

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- 63 Wakefield (DC)
- 64 Walkerville (M)
- 66 West Torrens (C)
- 69 Yankalilla (DC)
- 70 Yorke Peninsula (DC)
- 71 Unincorporated SA

Percentage employment change for residents by LGA

1 year (4 qtrs) after closure

Greater Adelaide



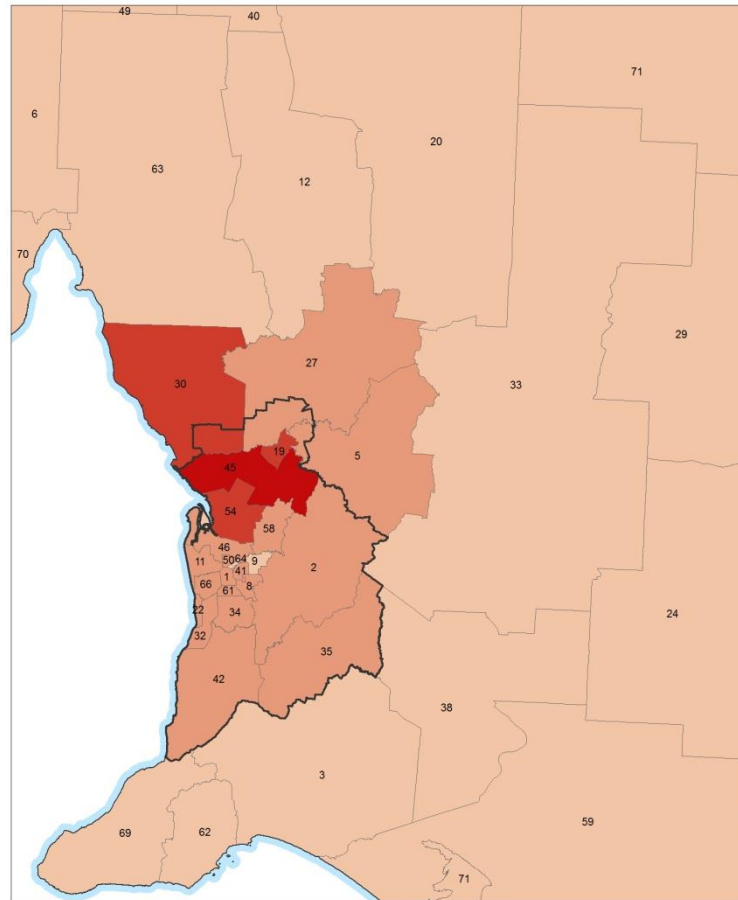
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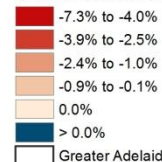
Percentage employment change for residents by LGA

2 years (8 qtrs) after closure

Greater Adelaide



% employment change for residents by LGA, 2 years (8 qtrs) after closure



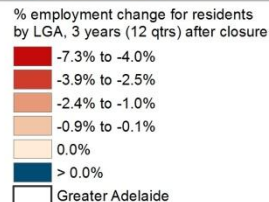
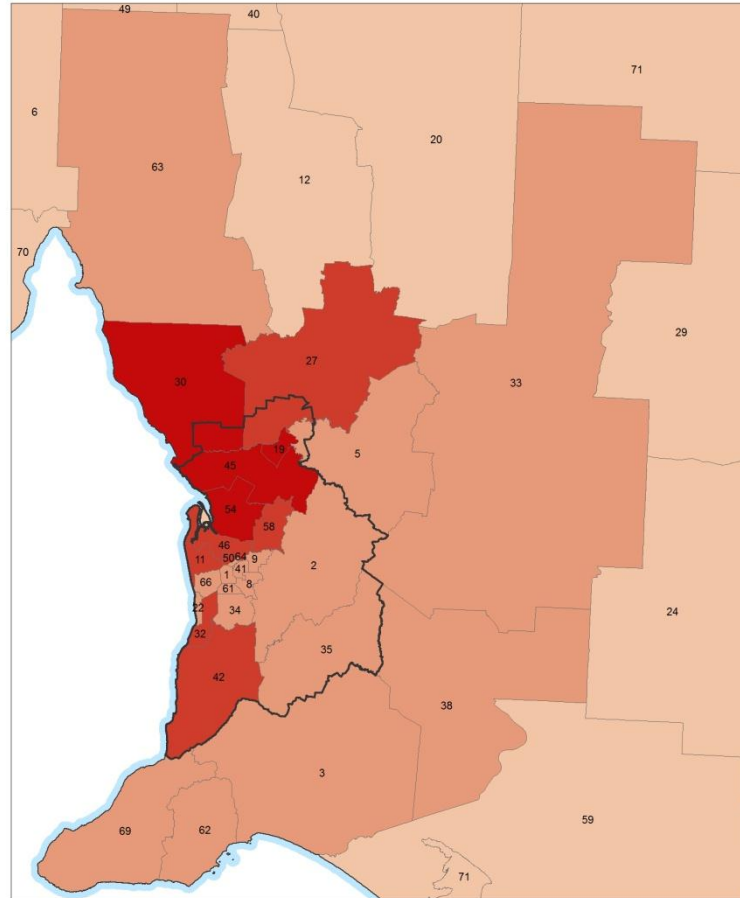
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Percentage employment change for residents by LGA

3 years (12 qtrs) after closure

Greater Adelaide



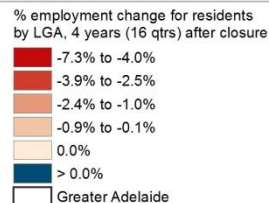
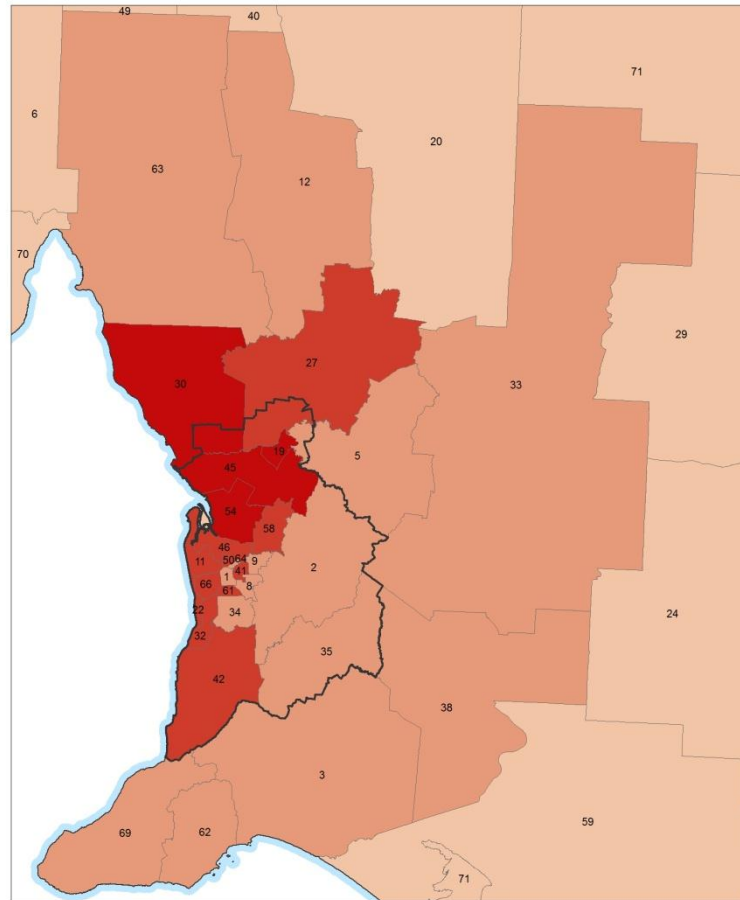
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Percentage employment change for residents by LGA

4 years (16 qtrs) after closure

Greater Adelaide

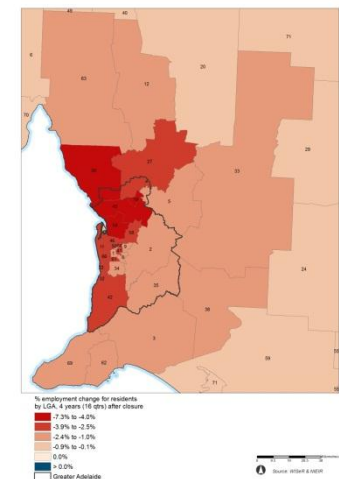
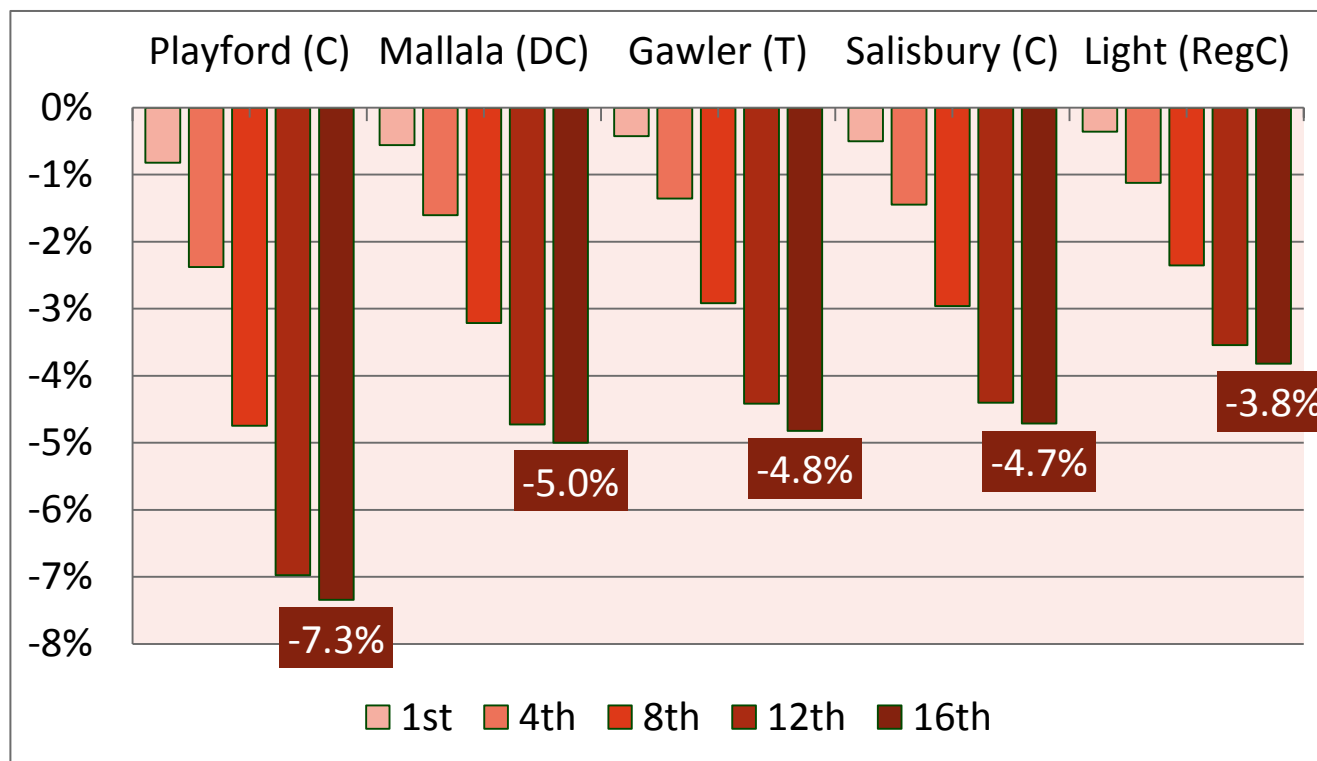


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Impact of the automotive closure - SA

- % employment change for **residents** in LGA



Source: WISer & NIEIR (unpublished)

Local impact – 16 quarters after closure

Approx	Playford	Salisbury
Resident population (2011 Census)	80,000	130,000
Employed residents (2011 Census)	31,000	57,000
Resident employment (n)	-2,500	-3,000
Employed locally (n)	-4,400	-2,500
GRP (2011 \$) annual rate	-\$650m	-\$390m

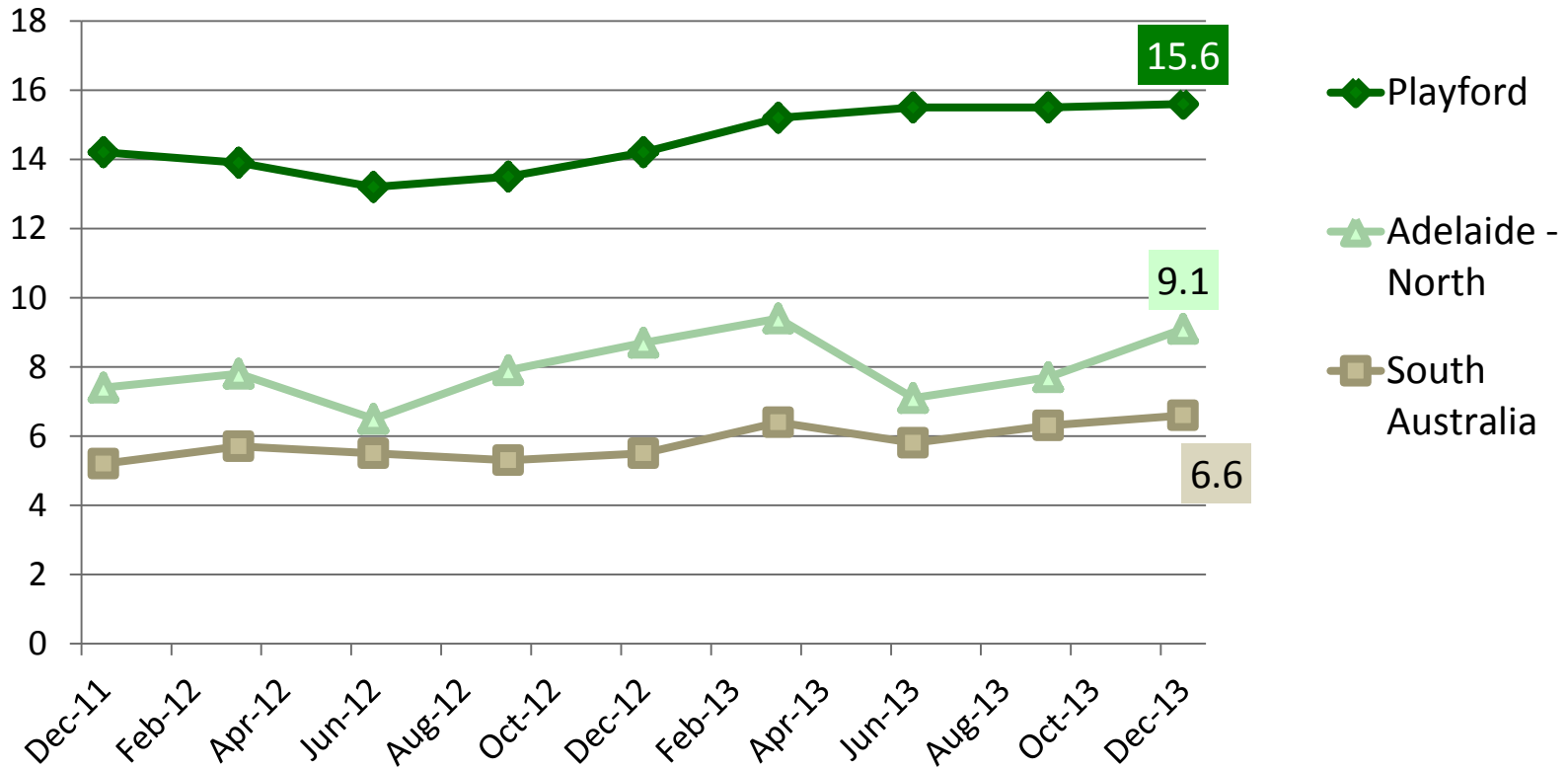


Overview

- Impact of GM Holden Closure
- Key Playford data
- Case study
- AURIN data hub (SA)

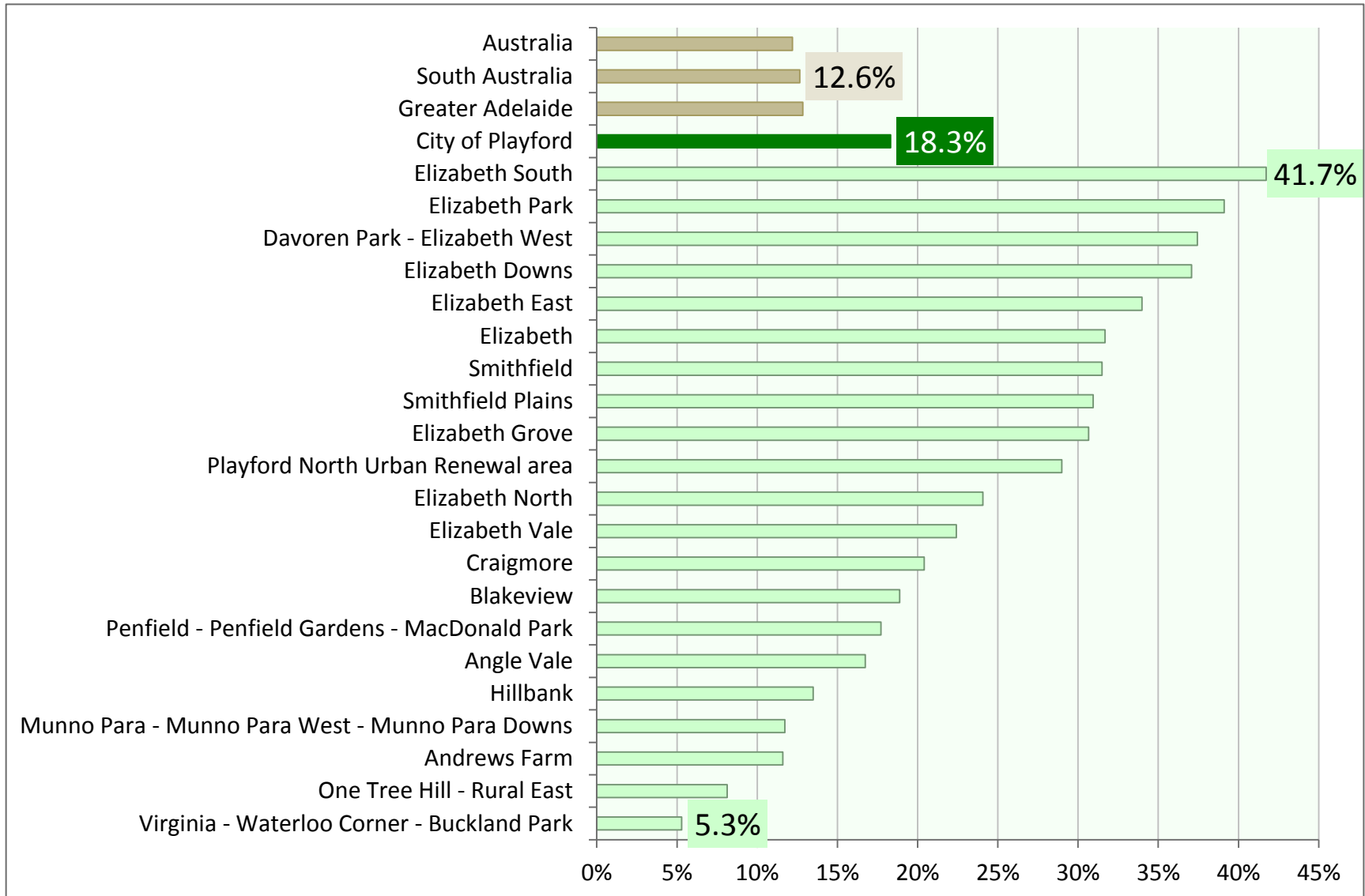


Unemployment



Source: Department of Employment (2014a, 2014b)

Playford – Youth unemployment (15-24yr)



What's the relationship between education and employment?

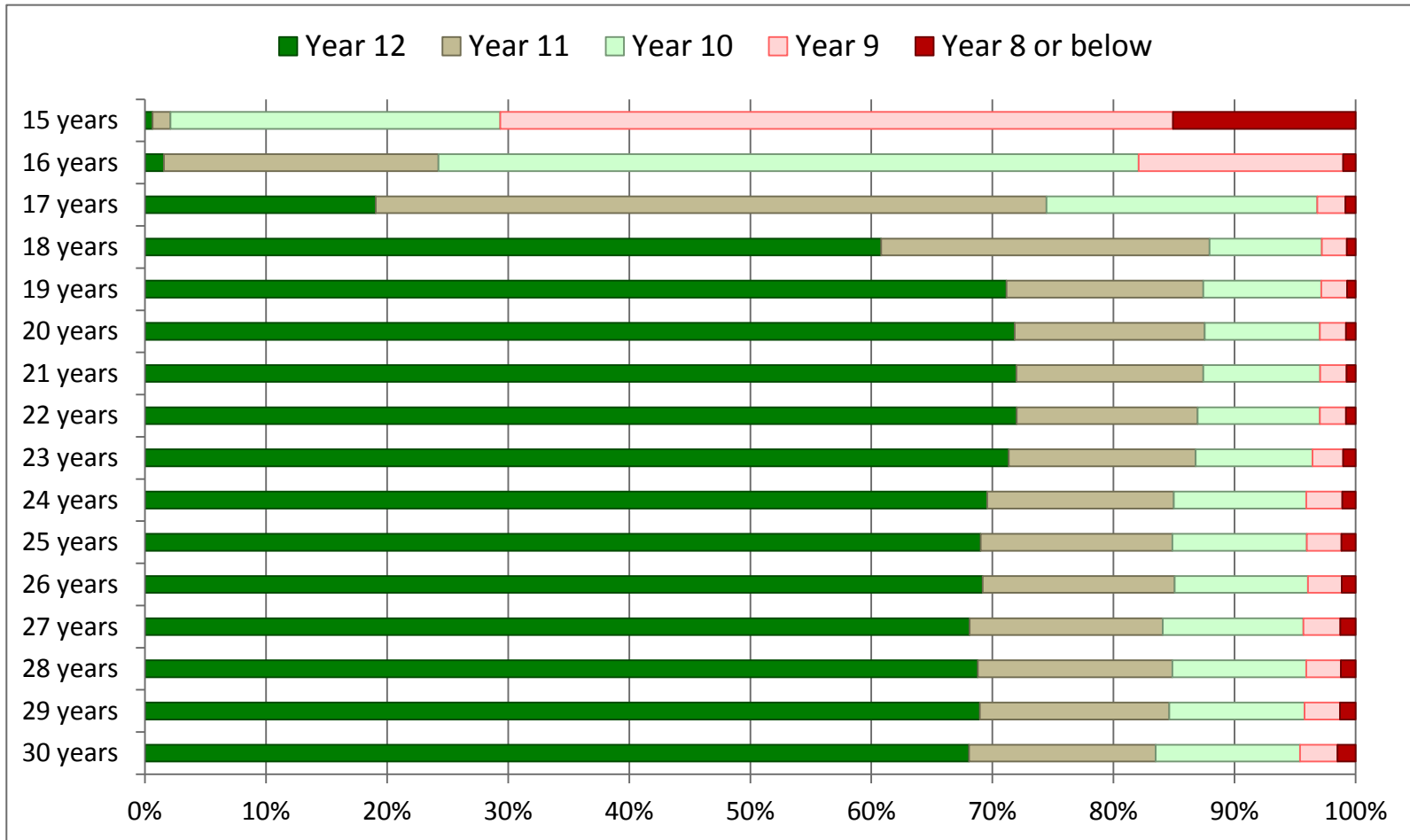


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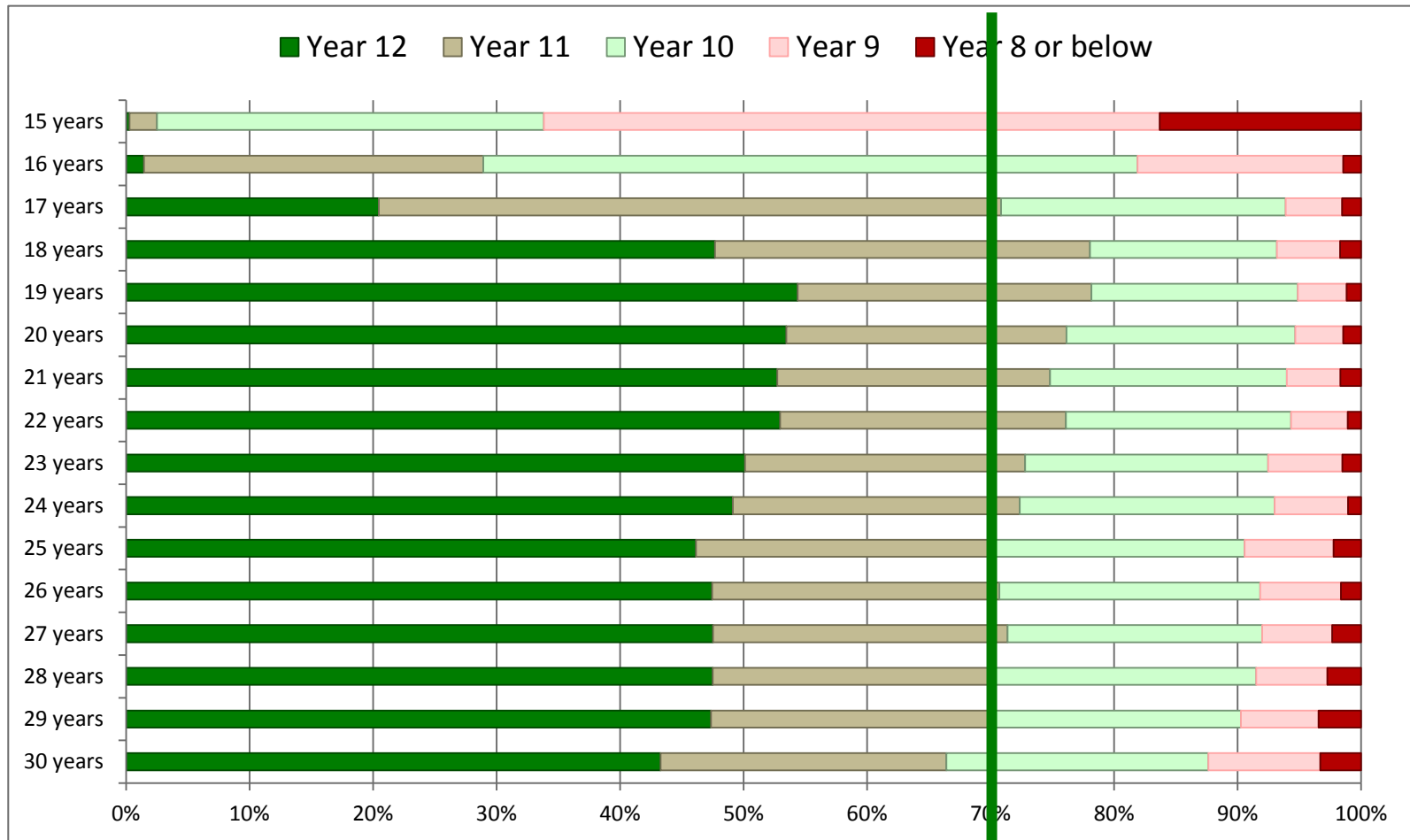


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SA – Highest year of school

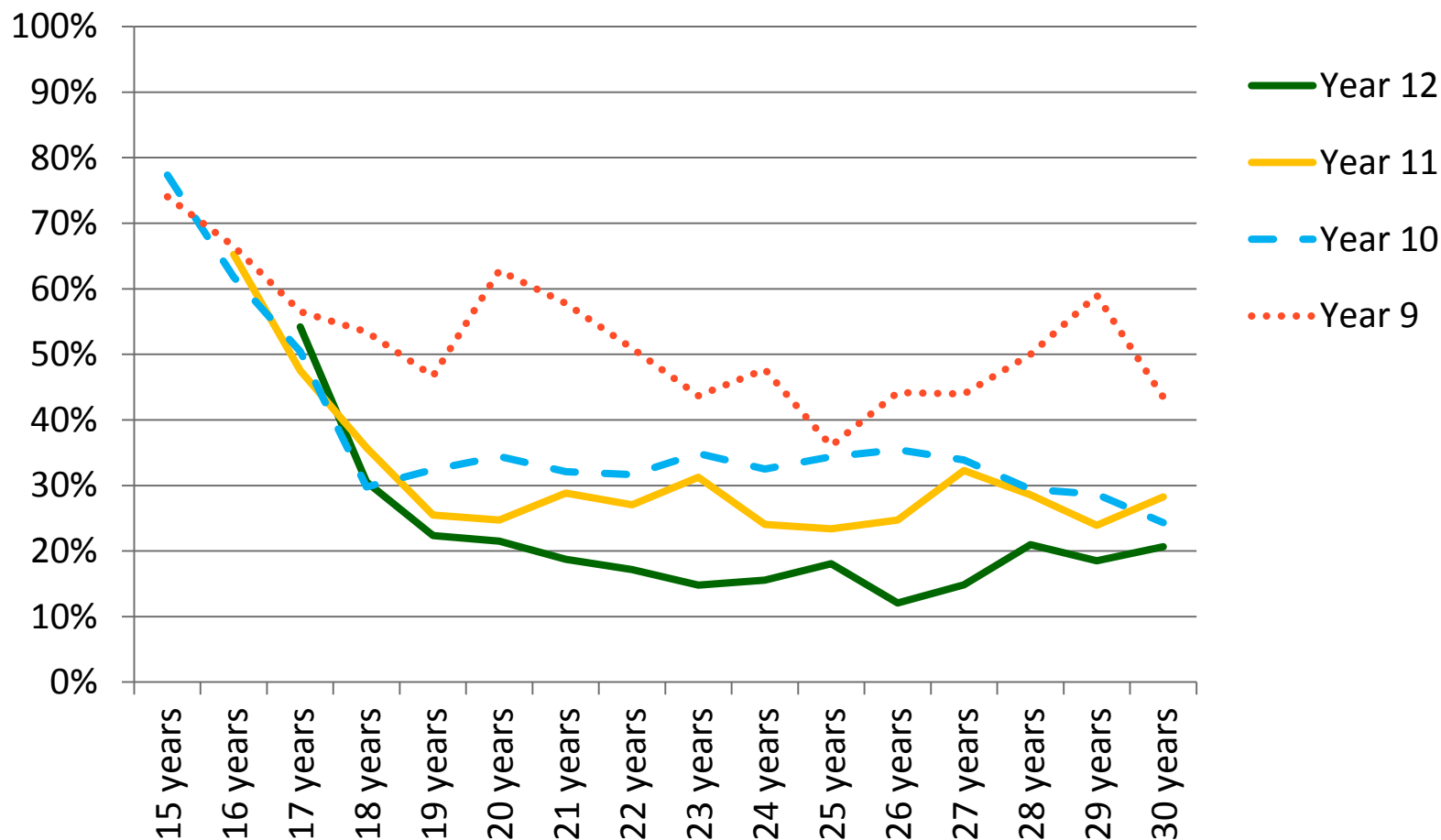


Playford – Highest year of school



Source: ABS (2012) Census : PUR.

Playford – Not in labour force by Highest School Year completed

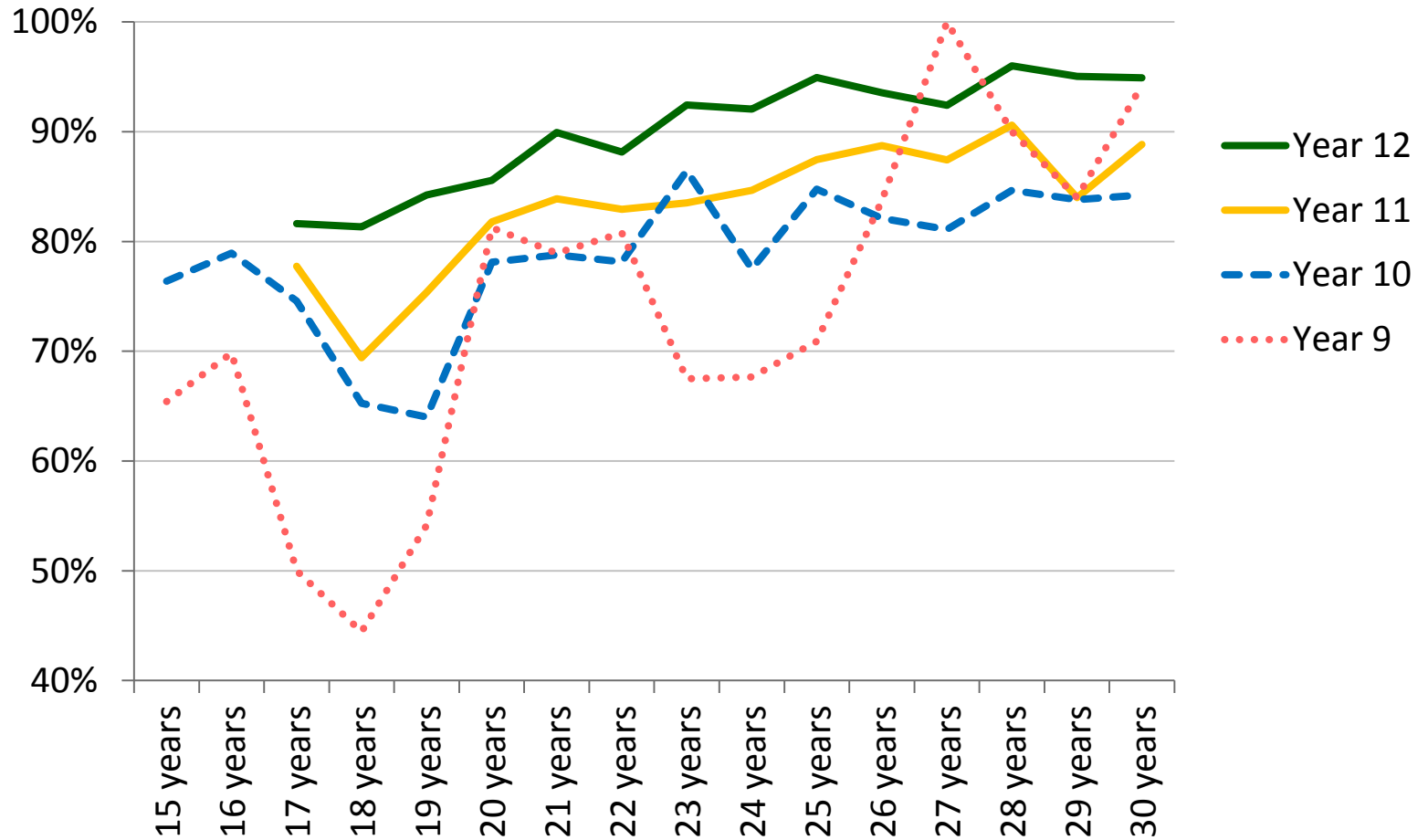


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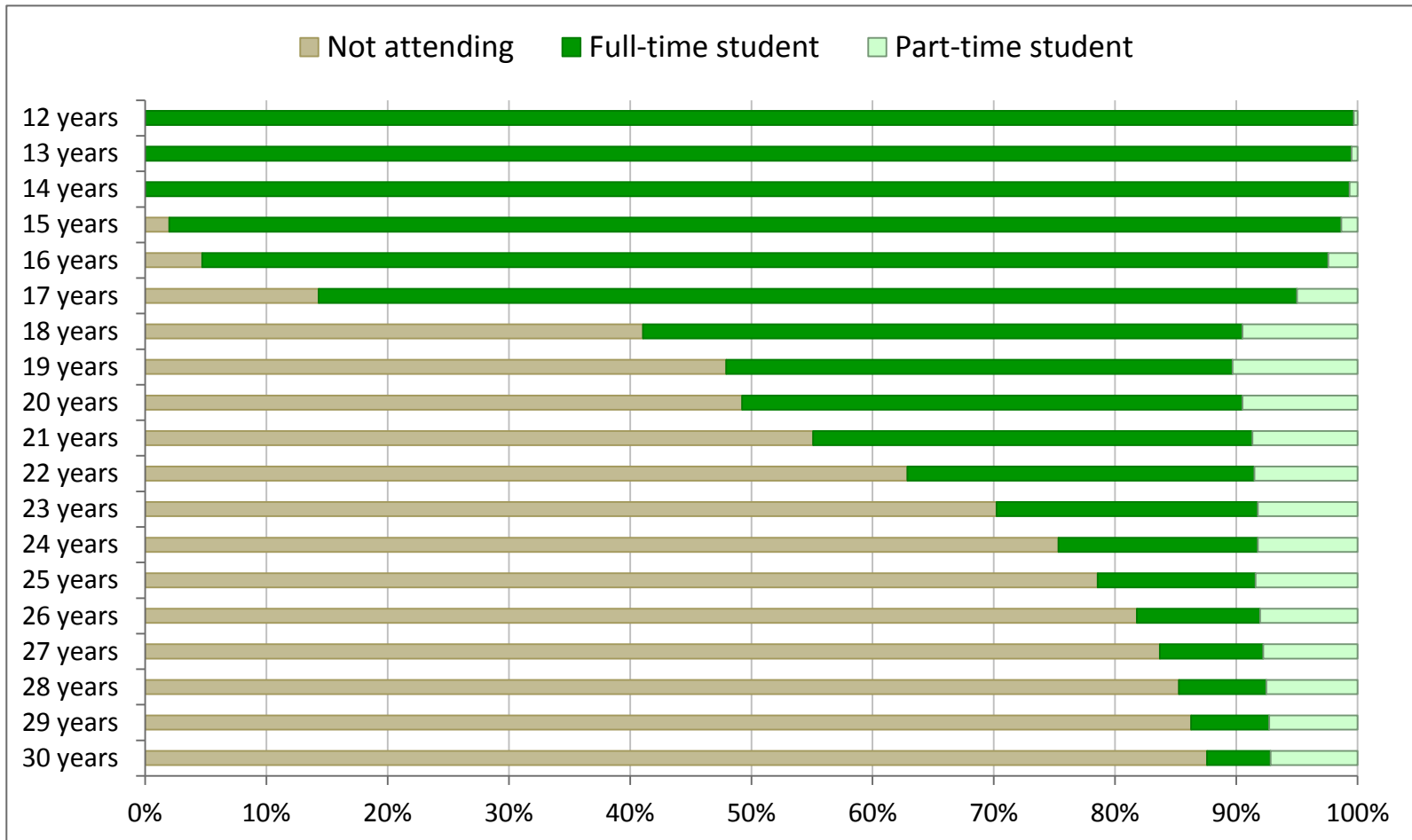


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Playford – Employment by Highest School Year completed

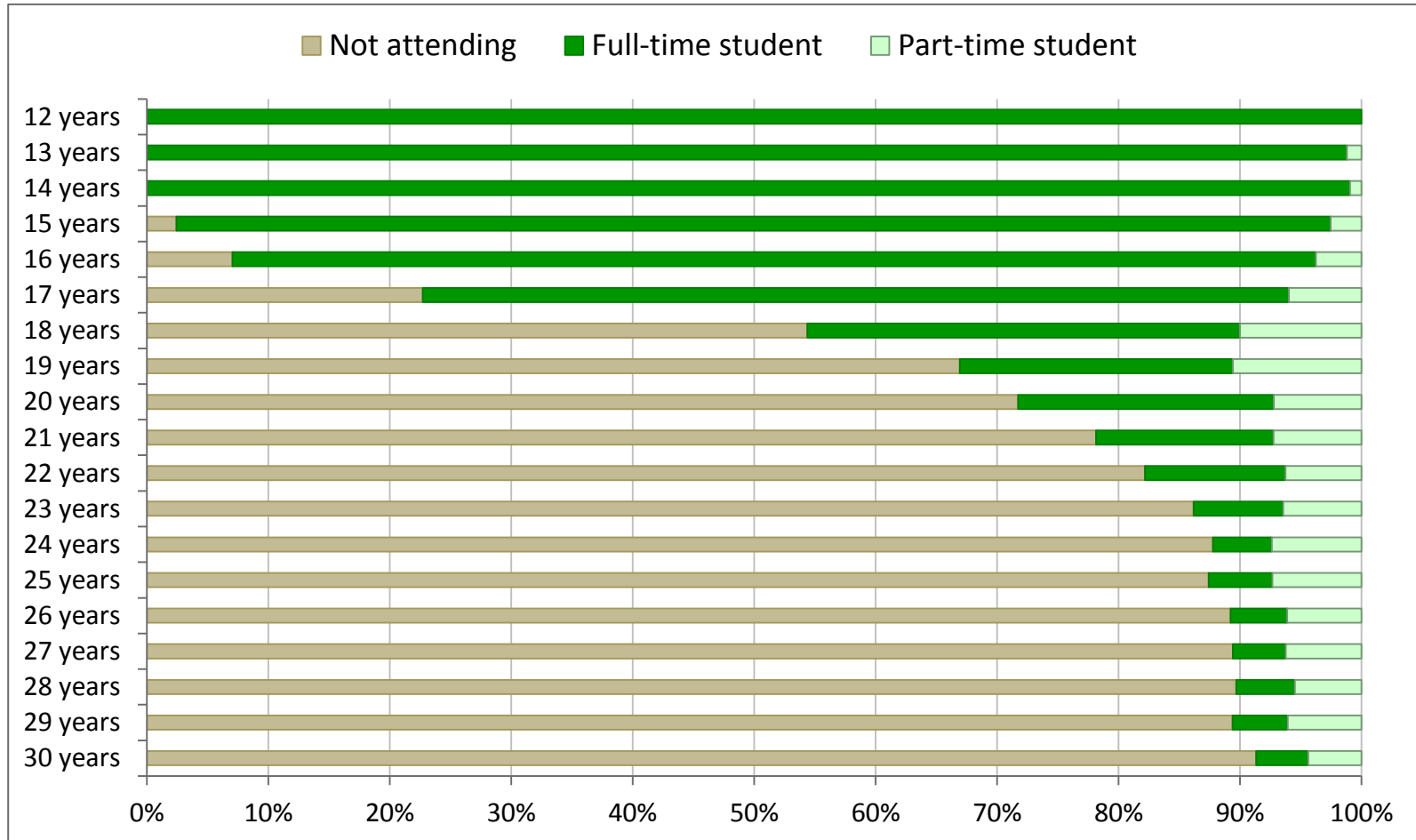


SA - Student status by Age



Source: ABS (2012) Census : PUR.

Playford - Student status by Age



Source: ABS (2012) Census : PUR.

What happens to those who
fall through the gaps?



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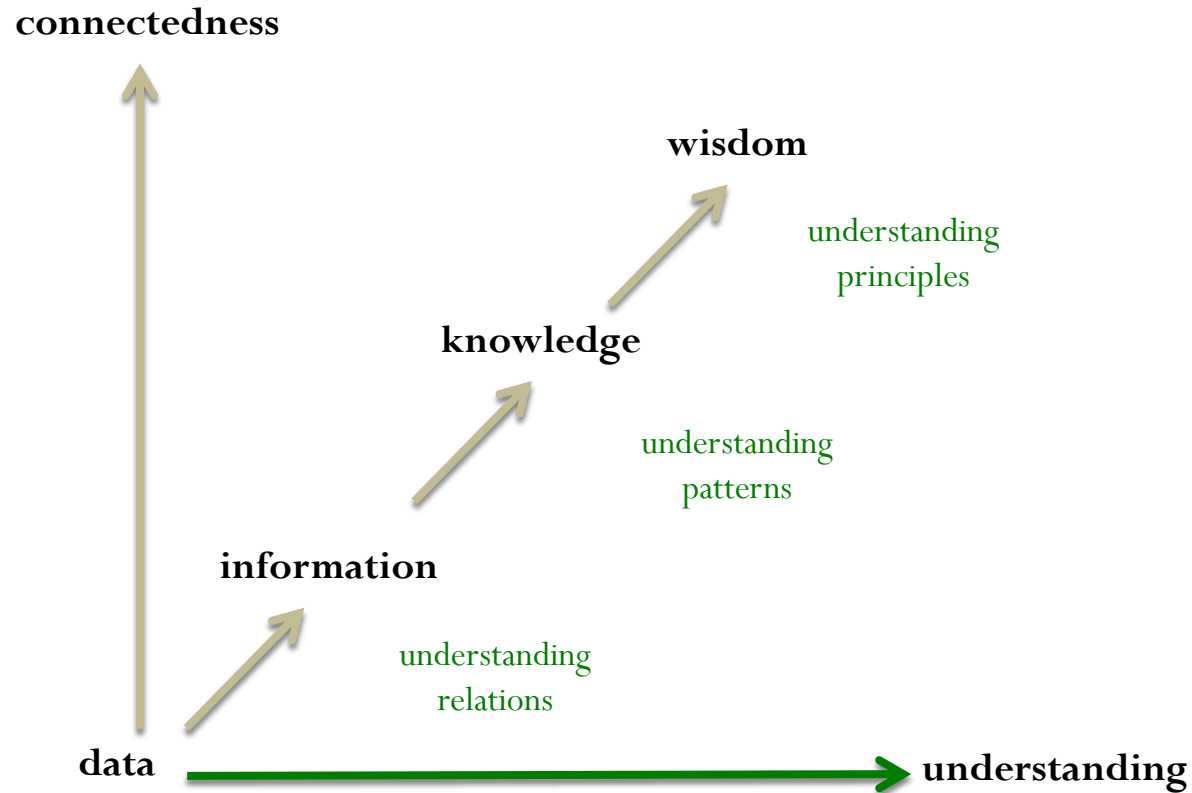
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Overview

- Impact of GM Holden Closure
- Key Playford data
- Case study
- AURIN data hub (SA)



Data to wisdom



Source: Bellinger, Castro & Mills (2004)



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RESEARCH CENTRE

The Wyatt Trust

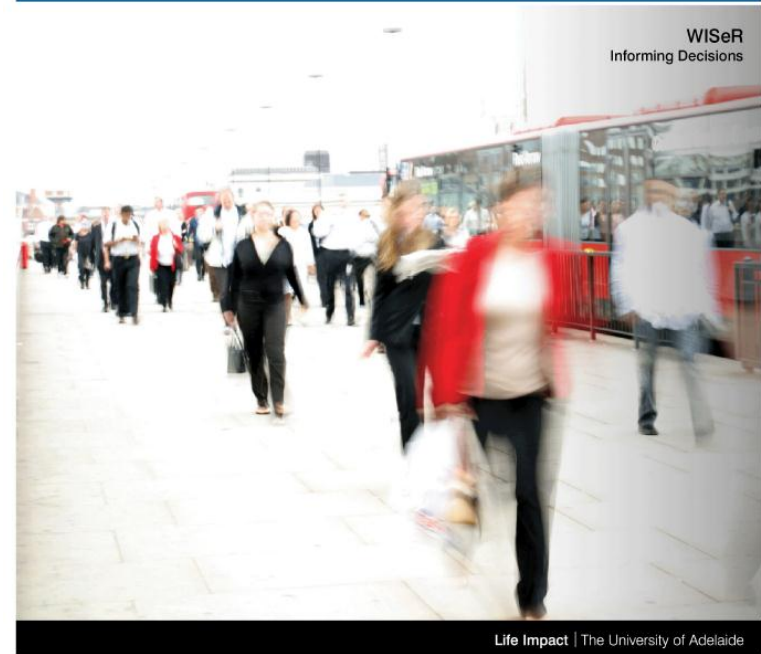
- *Paying it forward*

AUSTRALIAN WORKPLACE INNOVATION AND SOCIAL RESEARCH CENTRE | THE UNIVERSITY of ADELAIDE

Paying it forward

COST-BENEFIT ANALYSIS OF THE WYATT TRUST FUNDED FINANCIAL COUNSELLING SERVICES

Parvin Mahmoudi, Ann-Louise Hordacre and John Spoehr
February 2014
Prepared for The Wyatt Trust



Document review

DOCUMENT REVIEW AGENCY NAME: _____

Client ID _____ Start date: ____/____/____ (DD/MM/YYYY)

Client Post Code _____

1. Gender (please select one)

Female
 Male
 Unknown/ not stated

2. Date of birth ____/____/____ (DD/MM/YYYY)

3. Does the client identify as Aboriginal or Torres Strait Islander?

Yes No

4. Does the client speak English as a first language?

Yes No

5. How does the client describe his / her household?

Living alone
 Sole parent
 Living with a spouse or partner without dependent child/ren
 Living with a spouse or partner with dependent child/ren
 Living in a share house with family
 Living in a share house with unrelated adults
 Not reported / not adequately described
 Other (please specify) _____

6. Number of dependent children in the household (if applicable) _____

7. Gross income? (Please tick one box for each line)

	\$0 to \$20,000	\$20,001 to \$40,000	\$40,001 to \$60,000	\$60,001 to \$80,000	\$80,001 and over	Not stated	Not applicable
Individual income							
Household income							

15. Please indicate the level of change in the client's knowledge, confidence and/or skills in handling financial matters, as a result of the client's involvement with financial counselling: (Please tick one)

No change (0)	Limited improvement (1)	Moderate improvement (2)	Improvement (3)	Great improvement (4)

16. Which of the following tasks have been identified by a financial counsellor during the case? Please provide a dollar value, where applicable.

Item	Yes / No If applicable	\$ Amount (where applicable)
Completion of an income and expenditure statement		
Check that client is receiving full Centrelink entitlements		
Accessed all concession for which client is eligible		
Set up Centrepay		
Negotiated debt reduction(s)		
Negotiated moratorium(s)		
Negotiated waiver(s)		
Established negotiated payment plan(s) with creditor(s)		
Considered / accessed grant(s)		
Considered / accessed No Interest Loan		
Considered / accessed brokerage from within own agency / organisation		
Considered / accessed superannuation		
Other (please specify)		
Other (please specify)		

17. Were any of the following achieved through this case? If so, please provide details:

Item	Yes / No / Unrecorded	Details
Avoidance of bankruptcy		
Avoidance or curtailment of legal action		
Stabilising the client's housing situation		
Improvement in the client's health and wellbeing		
Other (please specify)		
Other (please specify)		
Other (please specify)		
Other (please specify)		



Findings

- The **net value** was estimated at around \$1.5 million in the 2012/13 financial year.
- The **benefit cost ratio** was 5
 - indicating the 'program' generated five dollars in benefits for every one dollar of cost.
- Profile of clients
- Multiple financial crises led clients to financial counselling services
 - credit card, store card and utility debts



Overview

- Impact of GM Holden Closure
- Key Playford data
- Case study
- AURIN data hub (SA)



AURIN data hub (SA)



Australian Access Federation

Services About Help Federation Status

Login through your organisation

In order to access the 'AURIN Staging Portal' please select or search for your Organisation from the list below:

Type the name of the organisation you are affiliated with Select

Type the name of the organisation you are affiliated with

- Australian University
- Adelaide University
- Australian Catholic University
- Australian National University
- Bond University
- CQUniversity
- Charles Darwin University
- Charles Sturt University (CSU)
- Curtin University
- Deakin University
- Edith Cowan University
- Flinders University
- Griffith University
- James Cook University
- La Trobe University
- Macquarie University
- Monash University
- Murdoch University
- Queensland University of Technology
- RMIT University
- Southern Cross University
- Swinburne University of Technology
- The University of Melbourne
- The University of Notre Dame Australia
- The University of Queensland
- The University of Sydney
- The University of Western Australia
- The University of Wollongong
- University of Ballarat
- University of Canberra
- University of New England
- University of New South Wales
- University of Newcastle
- University of South Australia
- University of Southern Queensland
- University of Tasmania
- University of Technology, Sydney

Australian Urban Research Infrastructure Network Portal

Logged in as Xavier Goldie Project Untitled Project2014-Apr-11 09:52 Help My AURIN

Australian LGAs Population Size 2010

- (class 1) 112 - 16856 (420)
- (class 2) 16856 - 45917 (113)
- (class 3) 45917 - 80823 (52)
- (class 4) 80823 - 133116 (35)
- (class 5) 133116 - 220835 (44)
- (class 6) 220835 - 358571 (3)
- (class 7) 358571 - 574627 (1)
- (class 8) 574627 - 1067279 (1)
- (Null Values) (4)

Disclaimer (PHPIDU)

Select your area

Area Selection

Australia (country/au)

Select your data

Dataset Upload Geometry

LGA Age Distribution persons 2010

Australia (country/au)

Analyse your data

Tools

Visualise Your Data

Maps, Charts and Graphs

Australian LGAs Population Size 2010

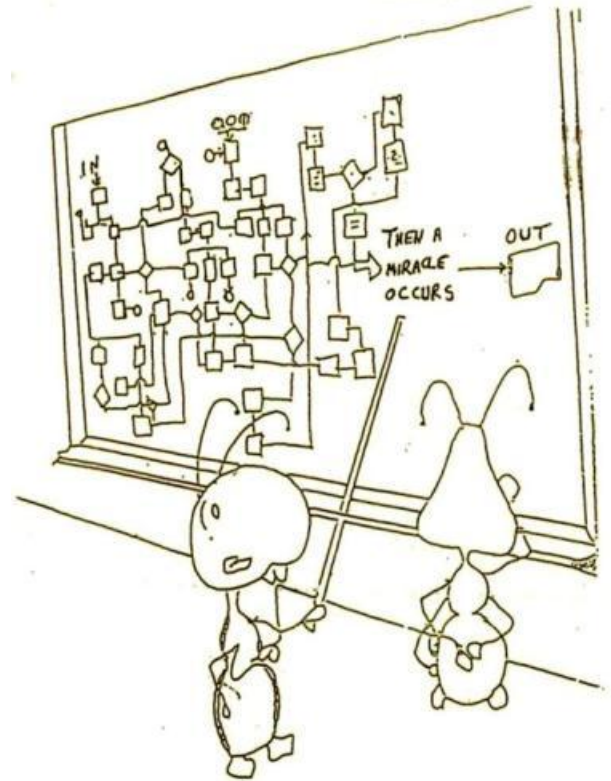
AURIN data hub (SA)

- Project to collect, catalogue & incorporate datasets
- Data from Commonwealth, State, Local Government & other sources
- Make accessible to researchers through an online data hub integrated with AURIN's national web portal
- Inform urban planning & development, industry, workforce development & social well-being



AURIN data hub (SA) – current status

- Designing the technical infrastructure & integrated database
- Identifying & sourcing key datasets
- Speaking with data custodians & creating licence agreements



"Good workbut I think we need just a little more detail right here!"



AURIN data hub (SA) – our vision

- Data searchable to researchers etc. through data hub & AURIN portal
- Tools to work with & view data in a user friendly format e.g.
 - Tables
 - Graphs
 - maps
- Data at a geospatial level – e.g. select data for City of Playford / Northern Adelaide



AURIN data hub (SA) – our vision

Population Service age groups Five year age groups Single year of age

City of Playford

Population, dwellings and ethnicity

“The Census population of the City of Playford in 2011 was 79,113, living in 32,393 dwellings with an average household size of 2.59.”

The Census provides us with a count of the total population in the City of Playford in 2011 as well as several sub-populations such as the indigenous population, voter population and the overseas born. It also enables us to see how these have changed over each five year period back to 1991. It is important to note that there are different ways of counting populations. You can access two population counts on this page – the Usual Residence Count and the Enumerated Count – by changing your Data Type selection in the control bar above the table. For post 2011 population go to [Population Estimates](#) and to read about which population to use when, go to [Population Types](#).

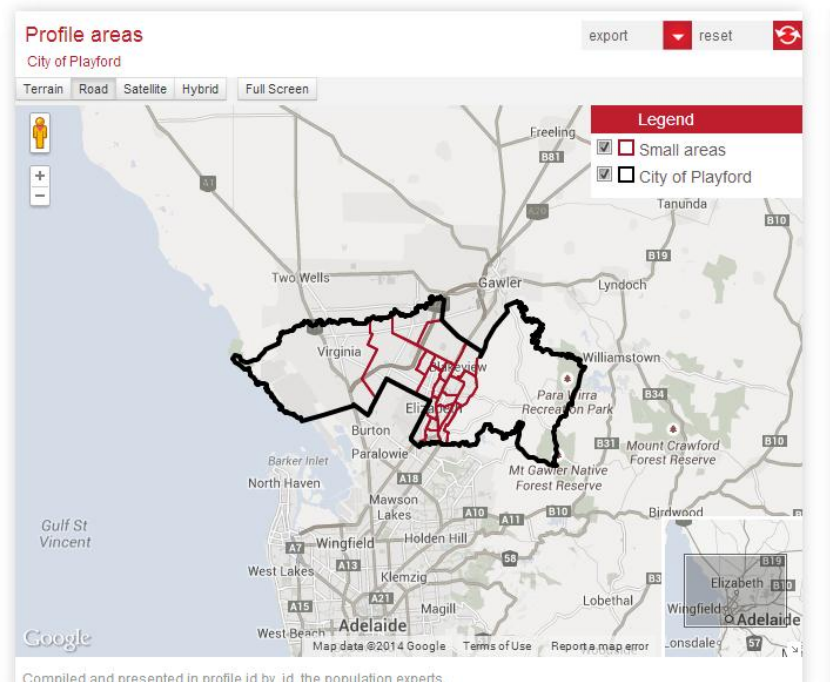
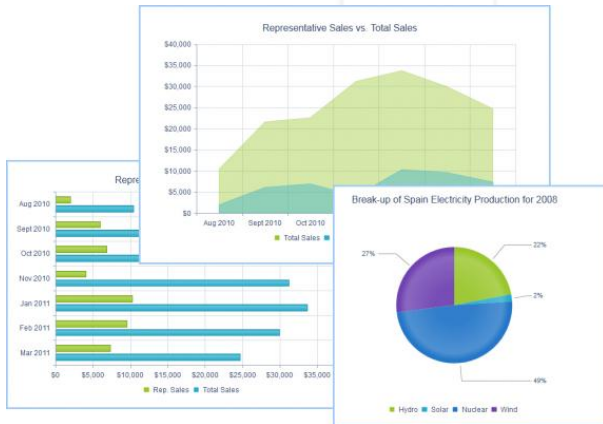
Population in non-private dwellings includes all those staying temporarily or long-term in dwellings which provide a communal form of accommodation. This includes nursing homes and hostels, hotels and motels, prisons, hospitals, army barracks and other institutions.

Area: City of Playford Benchmark area: Greater Adelaide Data type: Usual residence Comparison year: 2006 export reset

Population

City of Playford	2011			2006			Change 2006 to 2011
	Number	%	Greater Adelaide %	Number	%	Greater Adelaide %	
Population (excluding OS visitors)	79,113	100.0	100.0	70,013	100.0	100.0	+9,100
• Males	39,277	49.5	49.0	34,734	49.5	48.8	+4,543
• Females	39,836	50.4	51.0	35,279	50.4	51.2	+4,557
Australian citizens	68,363	86.4	85.0	59,957	85.5	87.5	+8,406
Eligible voters (citizens aged 18+)	49,017	62.0	66.9	42,430	60.5	67.7	+6,587
Overseas visitors	—	—	—	—	—	—	—

Source: Australian Bureau of Statistics, [Census of Population and Housing 2006 and 2011](#). Compiled and presented in profile.id by [id.](#) the population experts.



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AURIN Data Hub vs. Playford Data Observatory

- AURIN Data Hub
 - Defined project
 - Setting up technical infrastructure with ability to link to collection of data
 - Password access for researchers through AURIN portal
- Playford Data Observatory
 - Identified need for access to data through Connect Effect & organisations in the north of Adelaide
 - Collaboration with stakeholders
 - Discussion of data needs, current data uses etc.



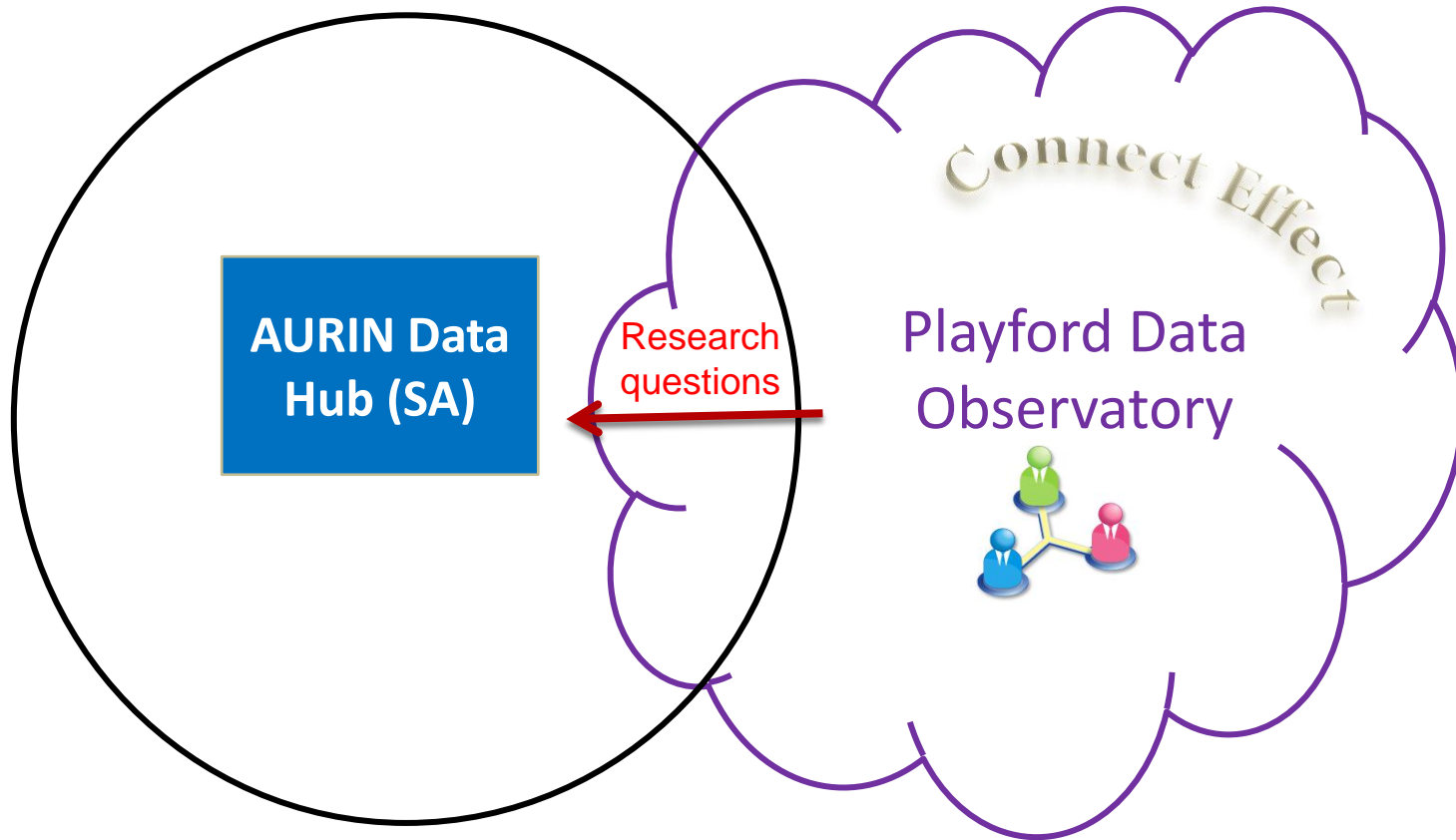
**AURIN Data
Hub (SA)**

Connect Effect

**Playford Data
Observatory**



Opportunities for input

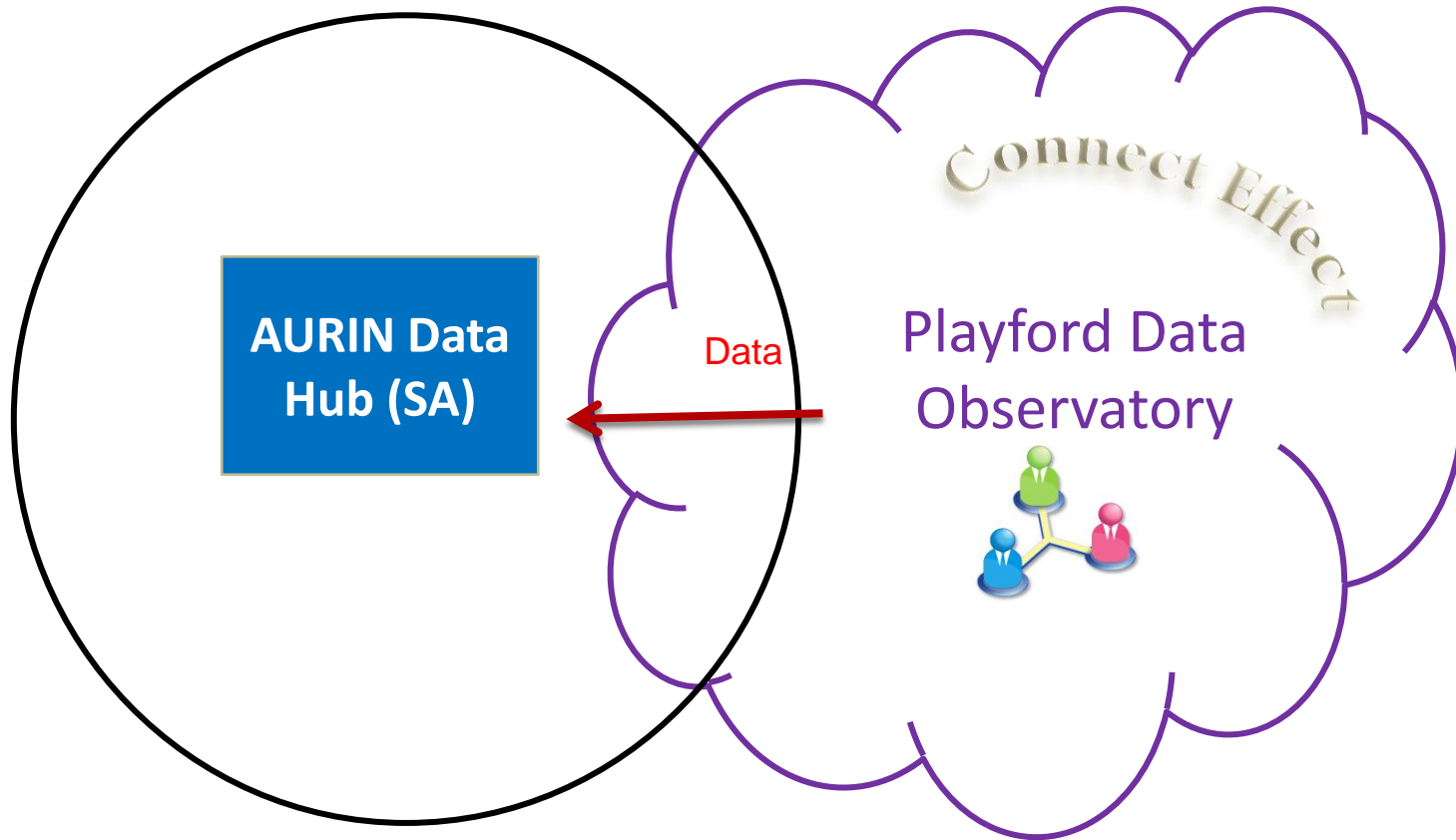


Opportunities for input – Your Research Questions

- What data do you currently use to inform your business?
- What are your research questions you need data to inform?
- What data do you currently use?
- What are your data gaps?
- Are you a data custodian that would like to make data available?
- Use knowledge to shape the AURIN hub going forward



Opportunities for input



**AURIN Data
Hub (SA)**



Connect Effect

**Playford Data
Observatory**





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