



# Mapping catchments and identifying gaps

Presentation to National CLCs Conference

Sarah Randell & Holly Brooke

Law and Justice Foundation of NSW & Community Legal Centres NSW

29 August 2018



### **Conference paper**

Mapping catchments and identifying gaps

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Sarah Randell & Holly Brooke, Law and Justice Foundation of NSW & Community Legal Centres NSW

29 August 018

### **Abstract**

This project was undertaken to map the catchment areas of generalist CLCs in NSW, as well as to identify and map the gaps in catchment coverage. The data gathering work that allowed this project to happen came about a few months earlier, as part of a separate project.

The LJF was provided directory data by CLCNSW outlining centre coverage and took the form of a large excel spreadsheet. Our goal was to transform this data into a visual tool. The LJF 'matched' the CLC coverage data from CLCNSW to the ABS State Suburb geography to create a visual map. This data was then put into our mapping software (QGIS). An interactive map was published online on Tableau Public. Following feedback from centres and CLCNSW we made updates and finalised the catchment areas. Final map files were created by the LJF and provided to the CLC Review as part of CLCNSW submission for the state government review of community legal centres. This was a useful process in helping to define areas for service delivery and centre coverage and an opportunity to find a new way of presenting an existing dataset.

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Law and Justice Foundation of New South Wales

Level 13, 222 Pitt Street, Sydney NSW 2000

PO Box A109 Sydney South NSW 1235

P: +61 2 8227 3200

E: [publications@lawfoundation.net.au](mailto:publications@lawfoundation.net.au)

W: [www.lawfoundation.net.au](http://www.lawfoundation.net.au)

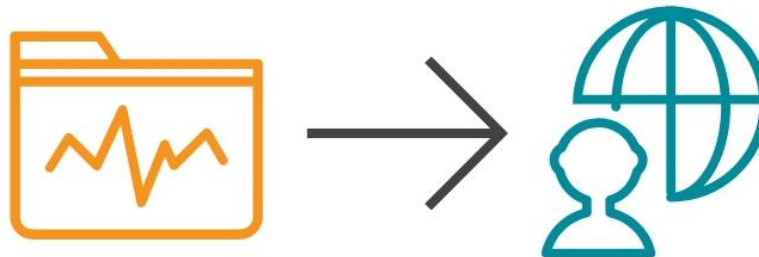
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## What we are going to cover today...

- Background to project
- LJF data and mapping process
- Ongoing use of the data



## Background

The project with the Law and Justice Foundation of NSW was undertaken to map the catchment areas of generalist CLCs in NSW, as well as to identify and map the gaps in catchment coverage.

However, the data gathering work that allowed this project to happen came about a few months earlier, as part of a separate project.



## Background

Rationale and impetus for the data work:

- Annual CLC directory
- Environment of funding cuts
- Comprehensive information for referral purposes, as well as signposting of gaps for advocacy purposes.



## Background

Process for data gathering:

- Checking the previous year's catchments;
- Aligning these with the download of AusPost suburbs;
- Rechecking suburbs with the same and adjacent postcodes, with centres we thought may also cover them;
- Sending the list of 'No Generalist CLC' suburbs for centres to potentially claim or reaffirm that they do not cover them;
- Rechecking the finalized centre and 'No Generalist CLC' suburb lists with centres;
- First round of mapping;
- This wasn't the end!

## LJF data and mapping process

- The LJF was provided directory data by CLCNSW outlining centre coverage
  - provided as Australia post suburbs by Centre
  - took the form of a large excel spreadsheet file
- Our goal was to transform this data into a visual tool

## LJF data and mapping process

- The LJF ‘matched’ the centre coverage data from CLCNSW to the ABS State Suburb geography to create a visual map
  - Why? Software!
  - How? A process of data checking
- This data was then put into our mapping software
- Importance of correctly representing the directory data





## LJF data and mapping process

- An interactive map was published online on Tableau Public
- We received feedback about catchment areas and made changes based on this

**This was a continual process.**

**Changes and updates were made based on feedback provided to CLCNSW and the LJF.**



# First draft map on Tableau Public

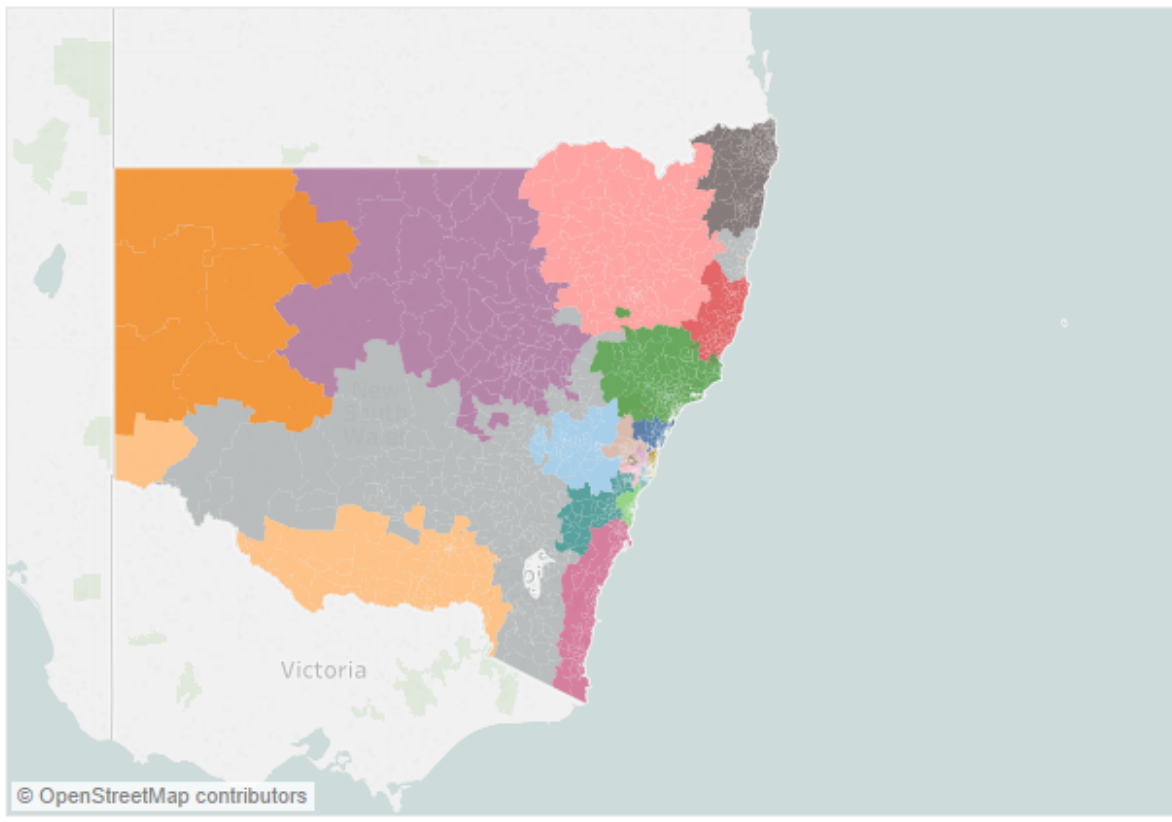
## List of CLCs

Click on one or more CLCs in the list below to view further information in the maps (use ctrl+click to select multiple CLCs). Reset the options by clicking in the white space.

- Central Coast Community Legal Centre
- Elizabeth Evatt Community Legal Centre
- Far West Community Legal Centre
- Hume Riverina Community Legal Service
- Hunter Community Legal Centre
- Illawarra Legal Centre
- Inner City Legal Centre
- Kingsford Legal Centre
- Macarthur Legal Centre
- Marrickville Legal Centre
- Mid North Coast Community Legal Centre
- North and North West Community Legal Service
- Northern Rivers Community Legal Centre
- Redfern Legal Centre
- Shoalcoast Community Legal Centre
- South West Sydney Legal Centre
- Western NSW Community Legal Centre
- Western Sydney Community Legal Centre - Parramatta Branch
- Western Sydney Community Legal Centre - Rooty Hill Branch
- Western Sydney Community Legal Centre - Windsor Branch
- No Generalist Community Legal Centre

## CLC centre coverage by suburb

Map is interactive. To move around within a zoomed section of the map, select the arrow in the toolbox on the left hand side of the screen and use the tools there. The 'Square' with the magnifying glass zooms in, the 'Cross' icon lets you move the map, the 'Home' icon resets the map zoom. To reset the map click outside NSW.





## Finalising the areas

- Following feedback from centres and CLCNSW:
  - The Foundation made updates and finalised the catchment areas
  - Final map files were created by the LJF and provided to the CLC Review as part of CLCNSW submission



Change from this...

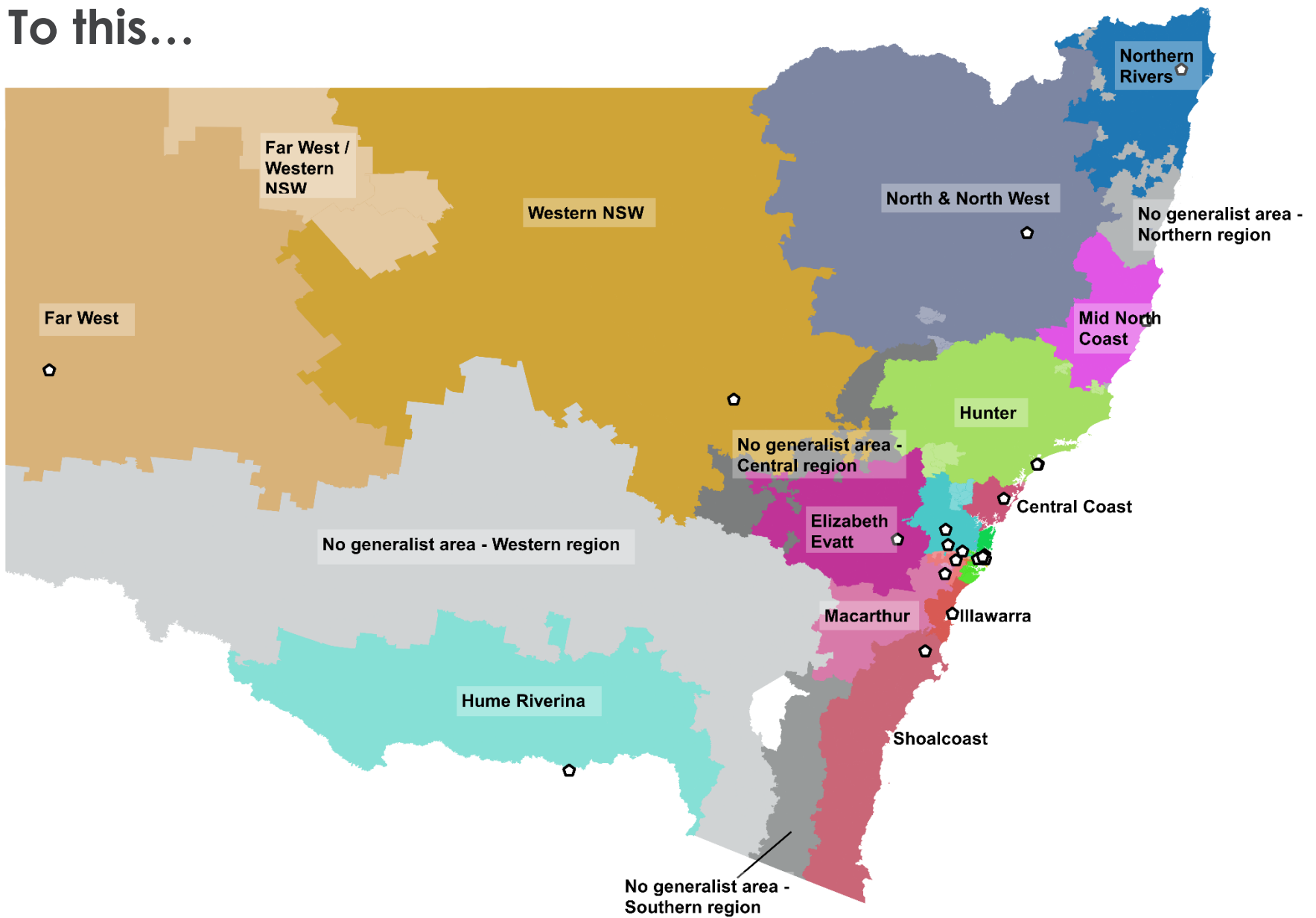
1	2016 Suburb	CLC catchment
2	Aarons Pass	Western NSW CLC
3	Abbotsbury	South West Sydney LC
4	Abbotsford (NSW)	Marrickville LC
5	Abercrombie	Elizabeth Evatt CLC
6	Abercrombie River	Elizabeth Evatt CLC
7	Aberdare	Hunter CLC
8	Aberdeen (NSW)	Hunter CLC
9	Aberfoyle	North & North West CLS
10	Aberglasslyn	Hunter CLC
11	Abermain	Hunter CLC
12	Abernethy	Hunter CLC
13	Abington (NSW)	North & North West CLS
14	Acacia Creek	Northern Rivers CLC
15	Acacia Gardens	Western Sydney CLC
16	Adaminaby	No Generalist CLC - Western region
17	Adamstown	Hunter CLC
18	Adamstown Heights	Hunter CLC
19	Adelong	Hume Riverina CLS
20	Adjungbilly	No Generalist CLC - Western region
21	Afterlee	Northern Rivers CLC
22	Agnes Banks	Western Sydney CLC
23	Airds	Macarthur LC
24	Akolele	Shoalcoast CLC
25	Albert	Western NSW CLC
26	Albion Park	Illawarra LC
27	Albion Park Rail	Illawarra LC
28	Albury	Hume Riverina CLS
29	Aldavilla	Mid North Coast CLC
30	Alectown	Western NSW CLC
31	Alexandria	Redfern LC
32	Alfords Point	Marrickville LC
33	Alfredtown	Hume Riverina CLS
34	Alice	Northern Rivers CLC
35	Alison (Central Coast - NSW)	Central Coast CLC
36	Alison (Dungog - NSW)	Hunter CLC
37	Allambie Heights	Inner City LC
38	Allandale (NSW)	Hunter CLC
39	Allawah	Marrickville LC
40	Alleena	No Generalist CLC - Western region
41	Allomera	No Generalist CLC - Northern region
42	Allworth	Hunter CLC
43	Allynbrook	Hunter CLC
44	Alma Park	Hume Riverina CLS
45	Alpine	Macarthur LC
46	Alstonvale	Northern Rivers CLC
47	Alstonville	Northern Rivers CLC
48	Alumy Creek	Northern Rivers CLC
49	Amaroo (NSW)	No Generalist CLC - Central region
50	Ambarvale	Macarthur LC
51	Amnsfield	North & North West CLS

+ over 4,000 more rows



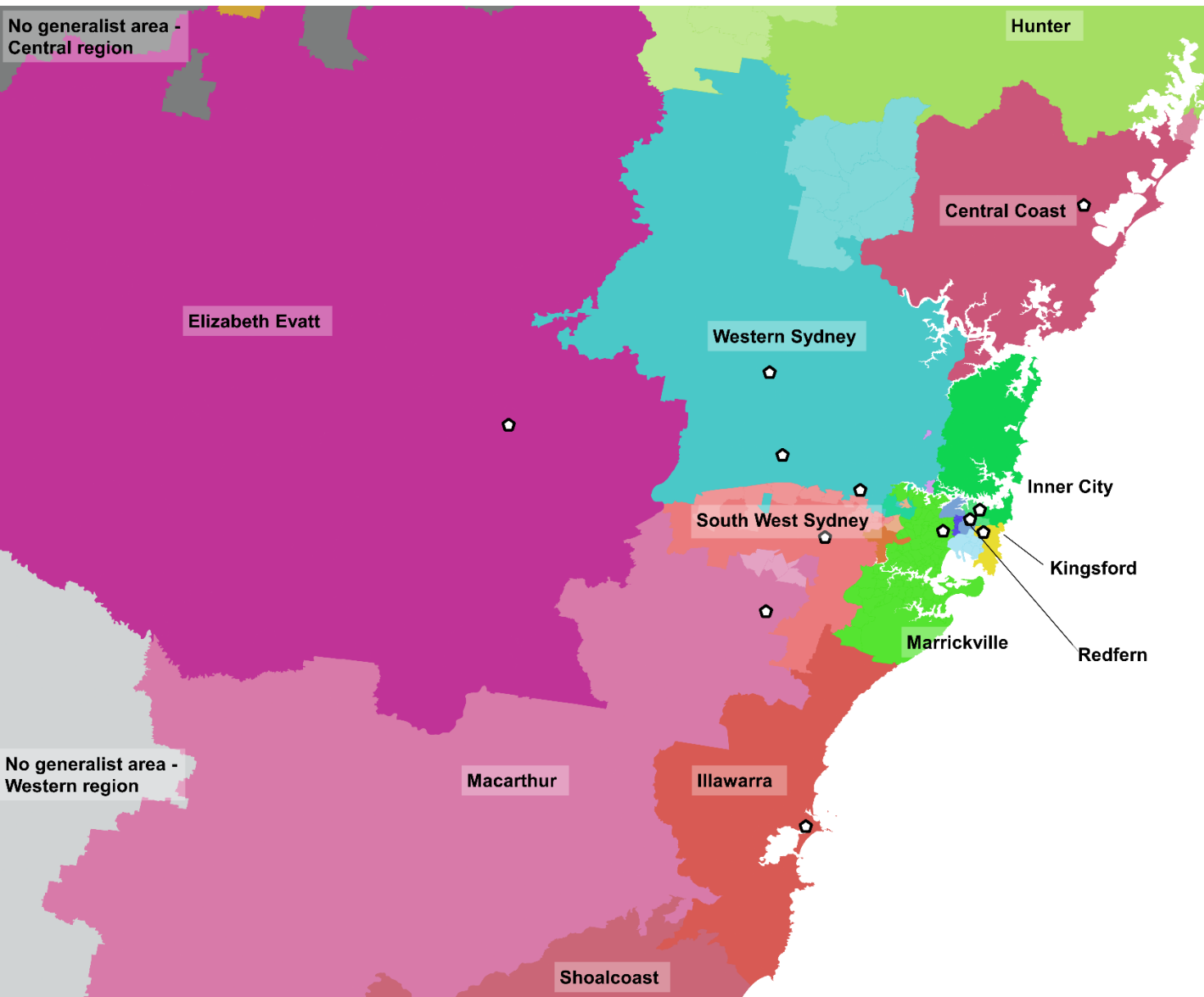


To this...



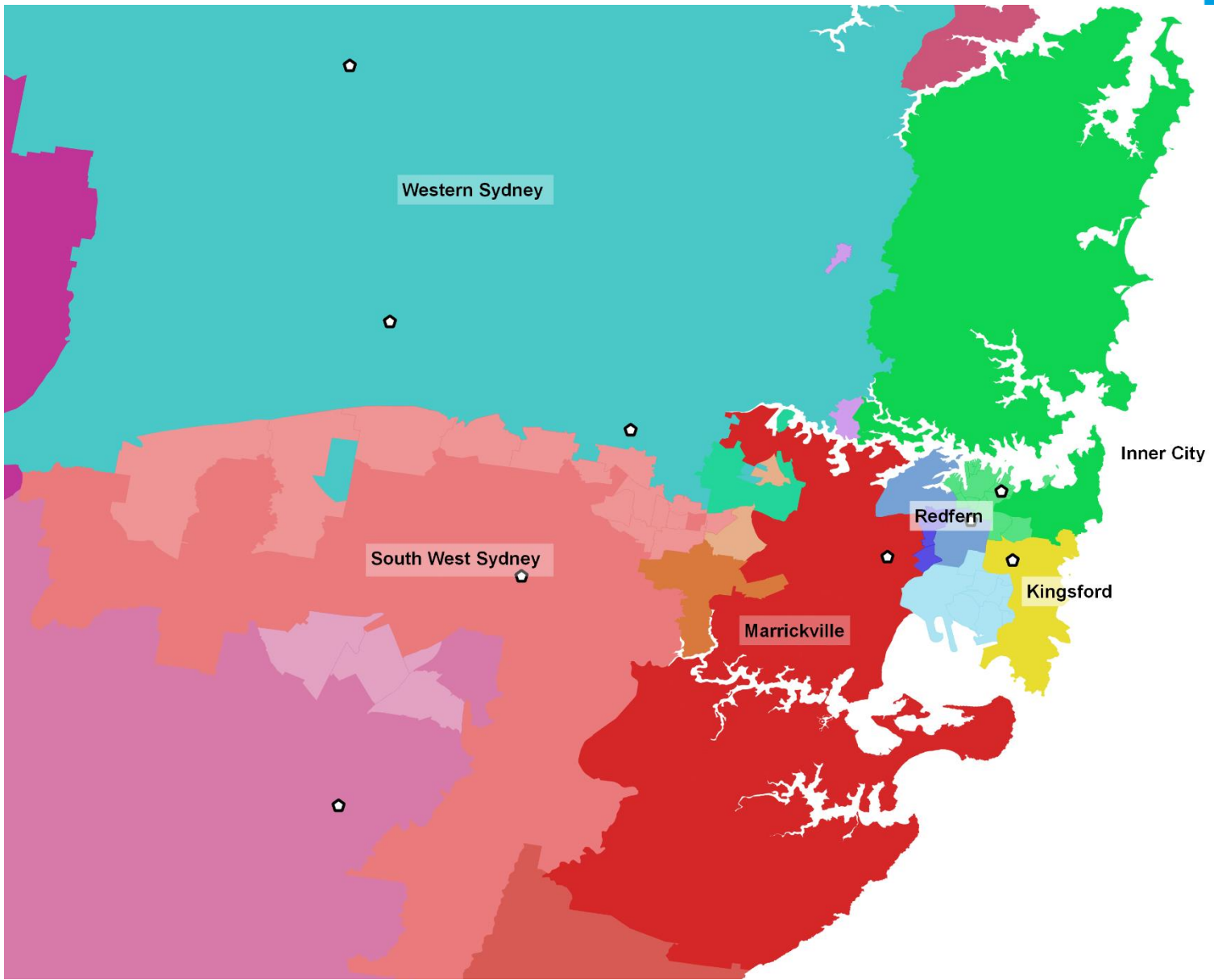


Community  
Legal Centres  
NSW





Community  
Legal Centres  
NSW



Western Sydney

South West Sydney

Marrickville

Redfern

Kingsford

Inner City

## What did we learn?

- Defining areas can be challenging!
- A new geography to work with
- A useful process in helping to define areas for service delivery and centre coverage
- Opportunity to find a new way of presenting an existing dataset
- Informed work for the legal needs analysis resource



## Ongoing work: legal needs analysis resource

- Currently being prepared by the LJF
- The resource will include:
  - Data on the NPA priority groups by catchment region, as well as for NSW in total.
  - Information on how services can be more accessible and appropriate for each priority group.
  - Visual representation of catchment regions.
  - Information on the location of services within catchment regions.
  - Using data on priority groups, creation of a profile of each catchment region compared to NSW.

## How is this being used by CLCNSW?

- Used in the review submission
- New CLCNSW App – replacement of directory



**Thank you!**