



The Greens (WA)
PO BOX 3022
East Perth WA 6892

29 April 2015

Office of the Electoral Distribution Commissioners
Electoral Boundaries WA
Level 2, 111 St Georges Terrace
PERTH WA 6000

Re: 2015 Western Australian State Electoral Redistribution

Dear Commissioners

On behalf of The Greens (WA), please find enclosed the following written suggestions for the 2015 Western Australian state electoral redistribution.

We have provided detailed maps of our suggested boundaries for the fifty-nine Western Australian lower house districts. We also attach (as electronic files) those boundaries in the standard MapInfo format, and provide details of the Australian Standard Geographic Classification SA1 areas making up our proposed boundaries.

I would like to acknowledge the tremendous efforts of the largely volunteer team which developed this submission.

If you should require any clarification or further information, please feel free to contact me. I can be contacted on +61 433 317 142, or via email at convenors@wa.greens.org.au.

Yours sincerely

Grahame Bowland
Co-Convenor, The Greens (WA)

The Greens (WA) submission to the 2015 Western Australia State Electoral Redistribution

Table of Contents

INTRODUCTION	4
EXPLANATORY NOTES FOR DISTRICT BOUNDARIES	5
ELECTORAL REGION OF AGRICULTURE	5
CENTRAL WHEATBELT	5
GERALDTON	5
MOORE	5
WAGIN	5
ELECTORAL REGION OF MINING AND PASTORAL	6
EYRE	6
KALGOORLIE	6
KIMBERLEY	7
NORTH WEST CENTRAL	7
PILBARA	7
ELECTORAL REGION OF SOUTH WEST	8
ALBANY	8
BUNBURY	8
COLLIE-PRESTON	8
DAWESVILLE	8
MANDURAH	8
MURRAY-WELLINGTON	8
VASSE	8
WARREN-BLACKWOOD	8
ELECTORAL REGION OF EAST METROPOLITAN	9
ARMADALE	9
BASSEDEAN	9
BELMONT	9
DARLING RANGE	9
FORRESTFIELD	9
GOSNELLS	9
KALAMUNDA	9
MAYLANDS	9
MIDLAND	9
MIRRABOOKA	10
MORLEY	10
MOUNT LAWLEY	10
SWAN HILLS	10
WEST SWAN	10

ELECTORAL REGION OF NORTH METROPOLITAN	11
BALCATT	11
BUTLER	11
CARINE	11
CARRAMAR (NEWLY CREATED DISTRICT)	11
CHURCHLANDS	11
COTTESLOE	11
GIRRAWHEEN	11
HILLARYS	11
JOONDALUP	12
KINGSLEY	12
NEDLANDS	12
OCEAN REEF	12
PERTH	12
SCARBOROUGH	12
WANNEROO	12
ELECTORAL REGION OF SOUTH METROPOLITAN	13
ALFRED COVE	13
BATEMAN	13
CANNINGTON	13
COCKBURN	13
FREMANTLE	13
JANDAKOT	13
KWINANA	13
RIVERTON	13
ROCKINGHAM	13
SOUTH PERTH	14
SOUTHERN RIVER	14
VICTORIA PARK	14
WARNBRO	14
WILLAGEE	14

APPENDICES

APPENDIX 1: ELECTOR COUNTS UNDER SUGGESTED BOUNDARIES

APPENDIX 2: DIGITAL ATTACHMENTS

APPENDIX 3: MAPS OF PROPOSED BOUNDARIES

Introduction

Below we detail, for each West Australian electoral district, the reasoning behind our proposed boundaries. We have grouped each district by Legislative Council Electoral Region.

This is a challenging redistribution, in some places requiring substantial changes to the existing boundaries. We have aimed to achieve the maximum community of interest within the boundaries of our proposed electoral districts.

The population within the Perth metropolitan area has grown at a greater speed than that throughout the rest of the state. Compliance with the legislated elector population requirements requires the removal of a district from the Region of Mining and Pastoral; we propose the elimination of the Electoral District of Eyre.

We propose a new seat of Carramar to be contained within the Electoral Region of North Metropolitan. The northern part of the Perth metropolitan region has seen substantial population increase.

We note that there has also been substantial population growth through the south-eastern corridor of the Perth metropolitan region; and hence several of our proposed districts are close to their maximum elector quota. This is difficult to address within the constraints set down within the Act.

In several areas we have been able to achieve significant increases in community of interest; notably:

- by placing all of Kalgoorlie / Boulder / Coolgardie within the Electoral District of Kalgoorlie
- by moving North Fremantle from the Electoral District of Cottesloe, into the Electoral District of Fremantle

Explanatory Notes for District Boundaries

Electoral Region of Agriculture

Central Wheatbelt

We propose that the north-eastern section of Electoral District of Central Wheatbelt be transferred to the Electoral District of Moore. Our motivation is simply to meet the elector population requirements for the district.

We also suggest that the southern boundary of Central Wheatbelt be moved to the south, so that the region around Narrogin and Williams is incorporated into the seat (see maps for more detail.) This is simply a response to necessary changes to the District of Wagin.

Geraldton

We propose that the town of Howatharra be transferred into the Electoral District of Geraldton. In addition to meeting the elector population requirements, Howatharra is only 28km by road from Geraldton, so an increase in community of interest within the District will result from this change.

Moore

As noted under above, we suggest the north-east of the District of Central Wheatbelt be transferred to Moore (comprising Wongan Hills, Koorda, Dowerin, and several other towns). We also suggest that Kalbarri be transferred into the District of Moore, from North West Central.

Wagin

The western boundary of the seat moves to the west; this in response to the population growth along the south-west coast, which requires the districts there to contract in size. To the east, the seat border expands to include the Esperance region. This is to allow the district of Kalgoorlie to be modified so that the entire Kalgoorlie region is contained within the seat (see notes for Kalgoorlie).

We suggest that the District's northern boundary move southwards somewhat, so that the elector quota of the District of Wagin can be within limits.

We note that these changes increase the area of the district of Wagin beyond 100,000 sq. km enabling the addition of Large District Allowance to the elector count.

Electoral Region of Mining and Pastoral

Eyre

We propose the seat of Eyre be abolished. This is to meet the required elector quotas; the population within the Electoral Region of Mining and Pastoral has not grown sufficiently to allow for five Electoral Districts. We suggest the northern section of Eyre become the district of Kalgoorlie along with that part of the existing district of Kalgoorlie that dips down from the 30 deg. S parallel. As mentioned above we suggest the remaining southern section of Eyre centred on Esperance become part of the district of Wagin.

Kalgoorlie

We propose the modification of this seat so that it contains the entire Kalgoorlie – Boulder – Coolgardie region. At present (as can be seen in the map inserted below) the boundary between the District of Eyre and the District of Kalgoorlie splits the Kalgoorlie town site, with West Kalgoorlie, Boulder and South Boulder all within Eyre. The local airport – a key piece of infrastructure – also falls within Eyre.



We believe this issue is worth addressing, even though it necessitates substantial changes to the boundaries of the District of Kalgoorlie and District of Wagin, and follow-on changes to the District of Central Wheatbelt. The abolition of the seat of Eyre already requires substantial changes to electorates within this area.

In order to address the issue, the southern boundary of the seat moves south to include the Norseman and Eucla regions, with the District of Wagin taking over the Esperance region. The northern boundary of the seat contracts to the south with the bulk of district above the 30 deg S parallel becoming part of North West Central.

Kimberley

We suggest this district remain unchanged, other than minor changes to align it to the Australian Standard Geographic Classification SA1 geometry.

North West Central

In response to our suggested changes to the District of Kalgoorlie, the boundaries of the District of North West Central expand significantly to the east, with the north-east boundary aligning with the South Australia / Northern Territory border. The north-west boundary of the seat moves south, with the towns of Tom Price, Paraburdoo, and Onslow amongst other areas being transferred to the District of Pilbara.

Pilbara

As noted above, the District of Pilbara gains Tom Price, Paraburdoo, and Onslow from the District of North West Central. We do not propose other changes to the District of Pilbara. These changes are largely made in response to the proposed abolition of the District of Eyre, and changes to the District of Kalgoorlie; however it is worth noting that towns such as Onslow would identify as part of the Pilbara region, so it is appropriate that they are contained within that electorate.

Electoral Region of South West

Albany

We suggest this district remain unchanged, other than minor changes to align it to the Australian Standard Geographic Classification SA1 geometry.

Bunbury

We suggest the southern boundary of the District moves southwards somewhat, and the north-eastern boundary contracts slightly. These changes are made largely to meet the elector quota requirements, and are in response to population growth within the City of Bunbury.

Collie-Preston

In response to the changes to the District of Vasse, the boundary of Collie-Preston moves slightly northwards. Changes are also necessitated by our suggested modifications to the District of Bunbury. Otherwise, we do not propose significant changes to the District.

Dawesville

We suggest this district remain unchanged, apart from extending slightly in the north east to absorb some of the growth in Mandurah.

Mandurah

Mandurah has seen substantial population growth. As a result, we suggest the District of Mandurah contract slightly along its eastern border. We suggest the northern border expand to take in the suburbs of Singleton and Golden Bay to absorb some of the growth in Warnboro.

Murray-Wellington

We suggest the southern and eastern boundaries of the District remain unchanged apart from a small accommodation to Collie-Preston in the south west corner. The northern boundary changes only to absorb the strong growth in Mandurah, Warnboro and Darling Range to help keep them with the upper limit for electors.

Vasse

Population growth along the coast – notably within the City of Busselton and the Town of Dunsborough – necessitates that the District of Vasse contract somewhat. We propose that the Margaret River region be transferred to the District of Warren-Blackwood. It is worth noting that the Margaret River region is presently split between two seats, so this modification increases the community of interest within Warren-Blackwood.

Warren-Blackwood

We suggest that the eastern boundary of Warren-Blackwood contract inwards somewhat. This is largely in response to the population growth within the District. As noted above, under our proposed boundaries the entire Margaret River region is contained within Warren-Blackwood. As this is a major agricultural region, there is significant increase in community of interest achieved by placing the entire region within a single electoral district.

Electoral Region of East Metropolitan

Armadale

We suggest the District of Armadale expands slightly to the east. Otherwise we propose no major changes. This change is primarily motivated by the need to meet elector quotas.

Bassendean

We suggest this district remain unchanged, other than minor changes to align it to the Australian Standard Geographic Classification SA1 geometry.

Belmont

We propose no changes to the District of Belmont, other than a small northern movement of its southern boundary. This is made simply to meet elector quotas.

Darling Range

As noted above, we suggest the boundary with the District of Armadale is modified.

As noted below, we suggest the northern boundary of Darling Range move to the south, taking on a near straight east-west alignment. Pickering Brook and its surrounds is transferred to the District of Kalamunda.

Otherwise, we suggest no changes to the district's boundaries.

Forrestfield

We propose only small modifications to Forrestfield, largely to align with Australian Standard Geographic Classification SA1 boundaries.

Gosnells

We suggest the boundary with the District of Southern River be modified slightly, with the boundary realigning along a south-eastern line. The current intrusion of Southern River into the District of Gosnells is reduced. Currently there is a thin strip of the District of Gosnells which has close boundaries with both the District of Southern River, and the District of Forrestfield. Our suggested change addresses this confusing situation, while also moving the entire Thornlie region into the District, increasing the community of interest achieved within the seat.

Kalamunda

We propose slight changes the western boundary of the District, largely to align with ABS SA1 boundaries. More significant changes are suggested to the West, with the entire region of Pickering Brook added to the seat. The area around Bickley is now contained within a single district, rather than being split with the District of Darling Range, serving a community of interest.

Maylands

We suggest this district remain unchanged, other than minor changes to align it to the Australian Standard Geographic Classification SA1 geometry.

Midland

We propose the District of Midland expands slightly to the north, taking in the regions of Middle Swan, Herne Hill, and north to Baskerville. These areas arguably have Midland as their urban centre, so community of interest is served by this change.

Mirrabooka

We suggest a slight contraction in the boundaries for the District of Mirrabooka, largely in response to local population growth above trend.

Morley

We suggest this district remain unchanged, other than minor changes to align it to the Australian Standard Geographic Classification SA1 geometry.

Mount Lawley

Other than slight changes to align with the Australian Standard Geographic Classification SA1 geometry, we propose only the south eastern boundary of the District of Mount Lawley be adjusted slightly to bring Perth within quota. This change is made simply to meet elector quotas.

Swan Hills

Other than the changes to the District of West Swan in order to accommodate the expansion of the District of Midland and the District of West Swan, we propose no significant changes to the District of Swan Hills.

West Swan

We propose a slight expansion of the District of West Swan, expanding north to incorporate the area around Melaleuca. This change is primarily motivated by the need to meet elector quotas.

Electoral Region of North Metropolitan

Balcatta

We suggest this district remain unchanged, other than minor changes to align it to the Australian Standard Geographic Classification SA1 geometry, and changes to accommodate the expansion of the District of Girrawheen.

Butler

We suggest the District of Butler be largely unchanged, except for modifications along its southern boundary to bring Butler within quota and make way for the newly created District of Carramar.

Carine

We suggest this district remain unchanged, other than minor changes to align it to the Australian Standard Geographic Classification SA1 geometry.

Carramar (Newly created District)

With our suggested abolition of the District of Eyre, it becomes possible to create a new district within the Perth metropolitan area. This is necessitated by the Perth metropolitan area's high population growth relative to regional Western Australia.

We suggest the new District be located in the Electoral Region of Northern Metropolitan, largely as this area has seen significant and concentrated population growth particularly in the nearby districts of Butler, Girrawheen and Wanneroo. Our proposed boundaries for the new District take in the areas around Clarkson, Carramar, Tapping, and Nowergup.

State electoral districts are named for the major suburbs they contain. We suggest the name of Carramar; this suburb is at the centre of our proposed boundaries. It is also worth noting that it is a Nyungar word meaning "shade of trees". Where possible we are in favour of Nyungar names being used for electoral districts.

Churchlands

We suggest this district remain unchanged, other than minor changes to align it to the Australian Standard Geographic Classification SA1 geometry.

Cottesloe

We propose that North Fremantle be transferred from the District of Cottesloe to the District of Fremantle. This change substantially increases the community of interest served within the District of Fremantle as North Fremantle is part of the City of Fremantle.

Girrawheen

We suggest that Girrawheen's southern boundary move southwards, and with smaller changes on the east and west. The northern boundary also moves to the south, allowing for changes caused by the creation of the new District of Carramar.

Hillarys

We suggest this district remain unchanged, other than minor changes to align it to the Australian Standard Geographic Classification SA1 geometry.

Joondalup

We suggest this district remain unchanged, other than minor changes to align it to the Australian Standard Geographic Classification SA1 geometry.

Kingsley

We suggest this district remain unchanged, other than minor changes to align it to the Australian Standard Geographic Classification SA1 geometry, and changes to accommodate the expansion of the District of Girrawheen.

Nedlands

We suggest this district remain unchanged, other than minor changes to align it to the Australian Standard Geographic Classification SA1 geometry.

Ocean Reef

We suggest this district remain unchanged, except for minor changes necessitated by the creation of the District of Carramar. A small area just to the north of Kinross is added to the District.

Perth

We suggest only minor changes to the District of Perth. The boundary with Mount Lawley is varied slightly, to allow elector quotas to be met.

Scarborough

We suggest this district remain unchanged, other than minor changes to align it to the Australian Standard Geographic Classification SA1 geometry.

Wanneroo

We suggest that, to allow for the creation of the District of Carramar, the northern boundary of the District of Wanneroo move to the south. To accommodate this change, the southern boundary moves slightly to the south, taking in the area around Landsdale and Madeley.

Electoral Region of South Metropolitan

Alfred Cove

We suggest this district remain unchanged, other than minor changes to align it to the Australian Standard Geographic Classification SA1 geometry. Please note that these changes look more significant on our attached maps than they are, due the difference in river alignment between SA1 boundaries and the current Landgate provided electoral bounds.

Bateman

We suggest this district remain unchanged, other than minor changes to align it to the Australian Standard Geographic Classification SA1 geometry.

Cannington

We propose only small modifications to the District of Cannington, so that it aligns with Australian Standard Geographic Classification SA1 boundaries.

Cockburn

We suggest that the District of Cockburn's Northern boundary contract slightly; this is to account for population growth in the area, and meet elector quotas. We believe the contraction along the northern border best serves community of interest.

Fremantle

We suggest that North Fremantle (presently within the District of Cottesloe) be transferred to the District of Fremantle. This will substantially increase the community of interest served by this district, with increasing alignment with the City of Fremantle.

Residents of North Fremantle identify as Fremantle residents, the same way residents of South Fremantle do – it is their urban centre. The Port of Fremantle represents a significant piece of infrastructure and source of employment within the City of Fremantle, and should be contained entirely within the District.

Our only other suggested change is a small contraction on the eastern border of the District, transferring a small area around Melville to the District of Willagee to keep Fremantle within elector quota.

Jandakot

We suggest this district remain unchanged, other than minor changes to align it to the Australian Standard Geographic Classification SA1 geometry.

Kwinana

To bring Kwinana within quota we propose ceding several small sections to the Districts of Rockingham and Warnboro.

Riverton

We suggest this district remain unchanged, other than minor changes to align it to the Australian Standard Geographic Classification SA1 geometry.

Rockingham

We propose small changes to the eastern boundary of the District of Rockingham. We modify the seat so that it contains the entire Cooloongup area.

South Perth

We suggest this district remain largely unchanged, other than minor changes to align it to the Australian Standard Geographic Classification SA1 geometry.

Southern River

We suggest the district of Southern River remain largely unchanged, other than to accommodate a slight expansion of the District of Gosnells and at the same time bring Southern River within elector quota. We believe that change will increase community of interest within the District of Gosnells, by accommodating Thornlie entirely within that District.

Victoria Park

We suggest this district remain largely unchanged, other than minor changes to align it to the Australian Standard Geographic Classification SA1 geometry.

Warnbro

The District of Warnbro has seen substantial population growth. As a result it must contract slightly in size. To allow for this we suggest the transfer of Golden Bay and Singleton to the District of Mandurah.

Willagee

We propose that the north western boundary of the District expand slightly, taking in more of the region around Melville. We also suggest that the District of Willagee expand southwards, taking in more of the area around Bibra Lake. This is in response to the required contraction of the District of Cockburn.

The Greens (WA) submission to the
2015 Western Australia State Electoral Redistribution

APPENDIX ONE

Elector Counts under Suggested Boundaries

We attach on the following pages the elector counts in each of the West Australian Electoral Districts under our suggested boundaries.

District Name	Area	Electors (as 2015)	LDA	Permitted Electors (inc LDA)
Albany	4,308	24,302		24,302
Alfred Cove	16	24,582		24,582
Armadale	70	26,707		26,707
Balcatta	19	25,433		25,433
Bassendean	21	25,337		25,337
Bateman	20	23,440		23,440
Belmont	31	23,071		23,071
Bunbury	142	26,982		26,982
Butler	462	23,458		23,458
Cannington	28	24,198		24,198
Carine	19	24,570		24,570
Carramar	115	23,483		23,483
Central Wheatbelt	67,851	27,352		27,352
Churchlands	19	26,722		26,722
Cockburn	69	26,904		26,904
Collie-Preston	2,257	25,930		25,930
Cottesloe	22	23,470		23,470
Darling Range	790	26,630		26,630
Dawesville	66	27,368		27,368
Forrestfield	56	26,338		26,338
Fremantle	45	27,359		27,359
Geraldton	2,632	23,810		23,810
Girrawheen	19	24,059		24,059
Gosnells	23	27,333		27,333
Hillarys	18	24,619		24,619
Jandakot	57	25,825		25,825
Joondalup	22	24,141		24,141
Kalamunda	298	24,977		24,977
Kalgoorlie	251,906	18,400	3,779	22,179
Kimberley	420,884	16,867	6,314	23,181
Kingsley	18	23,828		23,828
Kwinana	199	27,303		27,303
Mandurah	42	27,345		27,345
Maylands	21	25,754		25,754
Midland	118	26,917		26,917
Mirrabooka	17	24,675		24,675
Moore	87,637	26,153		26,153
Morley	16	24,654		24,654
Mount Lawley	16	26,505		26,505
Murray-Wellington	4,834	22,682		22,682
Nedlands	20	24,975		24,975
North West Central	1,048,168	8,691	15,723	24,414
Ocean Reef	27	26,383		26,383
Perth	22	27,175		27,175
Pilbara	507,134	20,809	7,608	28,417
Riverton	18	24,142		24,142
Rockingham	50	27,324		27,324
Scarborough	20	25,459		25,459
South Perth	16	24,826		24,826
Southern River	35	25,989		25,989
Swan Hills	1,341	25,454		25,454
Vasse	1,931	26,454		26,454
Victoria Park	31	26,089		26,089
Wagin	108,565	25,136	1,629	26,765
Wanneroo	75	24,109		24,109
Warnbro	58	27,239		27,239
Warren-Blackwood	16,015	27,017		27,017
West Swan	211	26,410		26,410
Willagee	28	27,287		27,287
TOTAL		1,470,451		

The Greens (WA) submission to the 2015 Western Australia State Electoral Redistribution

APPENDIX TWO

Digital attachments

For the convenience of the Commissioners, and for anyone wishing to comment upon our submission, we have provided electronic versions of our suggested district boundaries for Western Australia.

We will be submitting these electronic files to Electoral Boundaries WA via email attachment with this submission. We also provide below web links to each of the files, along with checksums for each file, in both the SHA1 and SHA256 formats. These 'checksums' are extremely hard to forge, and serve to prove that the files we provide at each link have not been altered since this document was submitted to the Commission.

Attachment 1: Digital Boundaries

Filename:	GWAProposedDistrictBoundaries2015.zip
Format:	MapInfo *TAB (GDA94 Projection)
Size:	1,527,431 bytes
URL:	https://www.dropbox.com/s/19qnwuug5oni62m/GWAProposedDistrictBoundaries2015.zip
SHA1:	46ee4caf7a1275c503d964a134b53bff7df3d674
SHA256:	bc658f523e770fc1440cb16e6259ffabc225370b47af8efb9c93534ced20ce09

Attachment 2: SA1 listing

Filename:	WAEC2015ProposedDistrictSA1s.csv
Format:	Comma Separated Values (CSV) spreadsheet; Excel compatible
Size:	162,720
URL:	https://www.dropbox.com/s/z0qawkwn5yah5oe/WAEC2015ProposedDistrictSA1s.csv
SHA1:	e53b253f8453ae0e33bf437b22ddb22ad7b4444b
SHA256:	9b28cad48c60618325262120a04cfd36ed401623740145a47e7e629c873c1c08

The Greens (WA) submission to the
Australian Electoral Commission
Redistribution Committee for Western Australia 2014

APPENDIX THREE

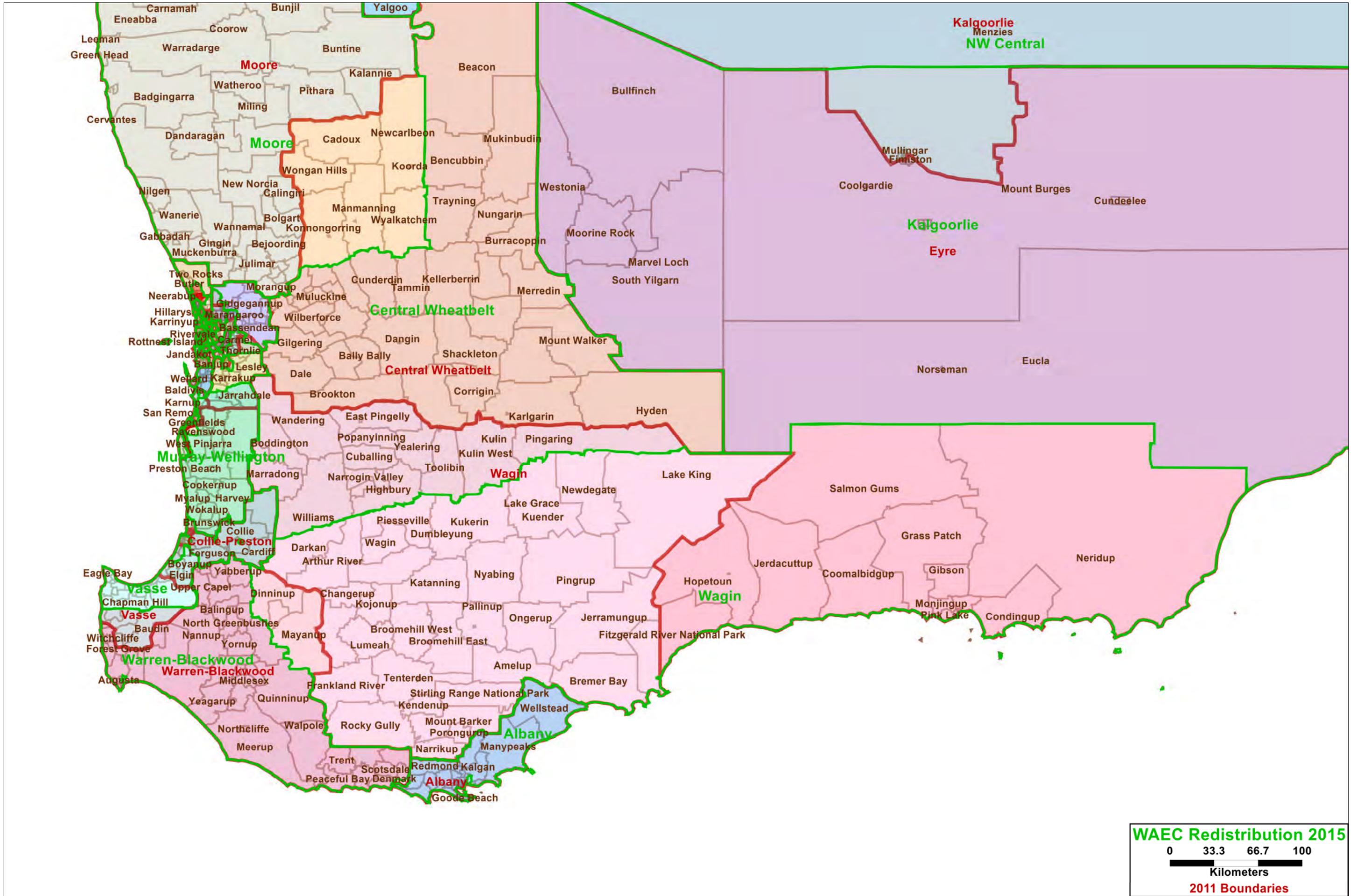
Maps of proposed boundaries

We enclose below maps of our suggested district boundaries for Western Australia.

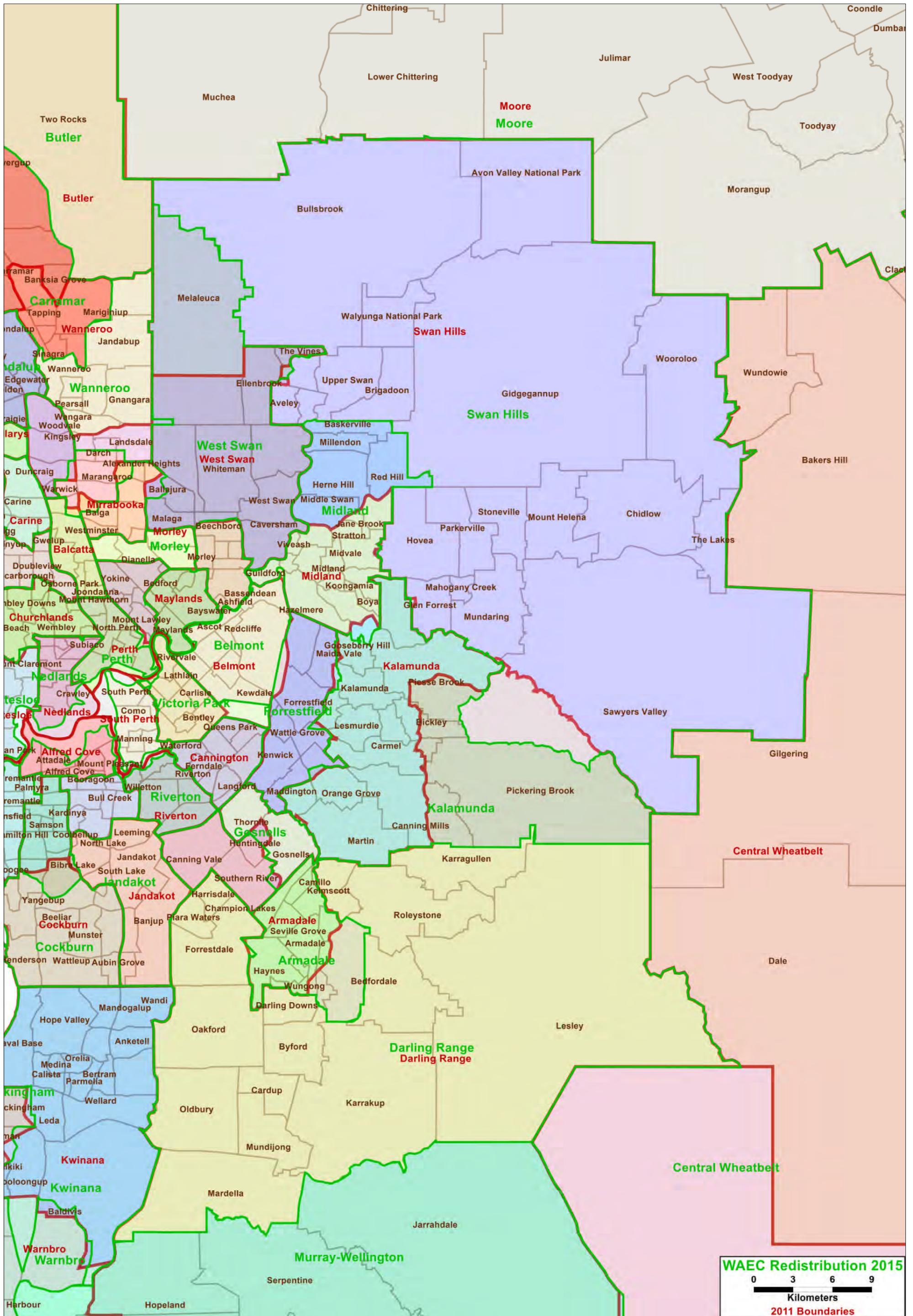
These maps precisely match those which would be determined by combining the assigned SA1 areas as detailed in the provided CSV document “WAEC2015ProposedDistrictSA1s.csv”.

For the convenience of the Redistribution Committee, we also provide an electronic version of these maps in the standard “MapInfo” format, in Appendix Two: Digital Attachments.

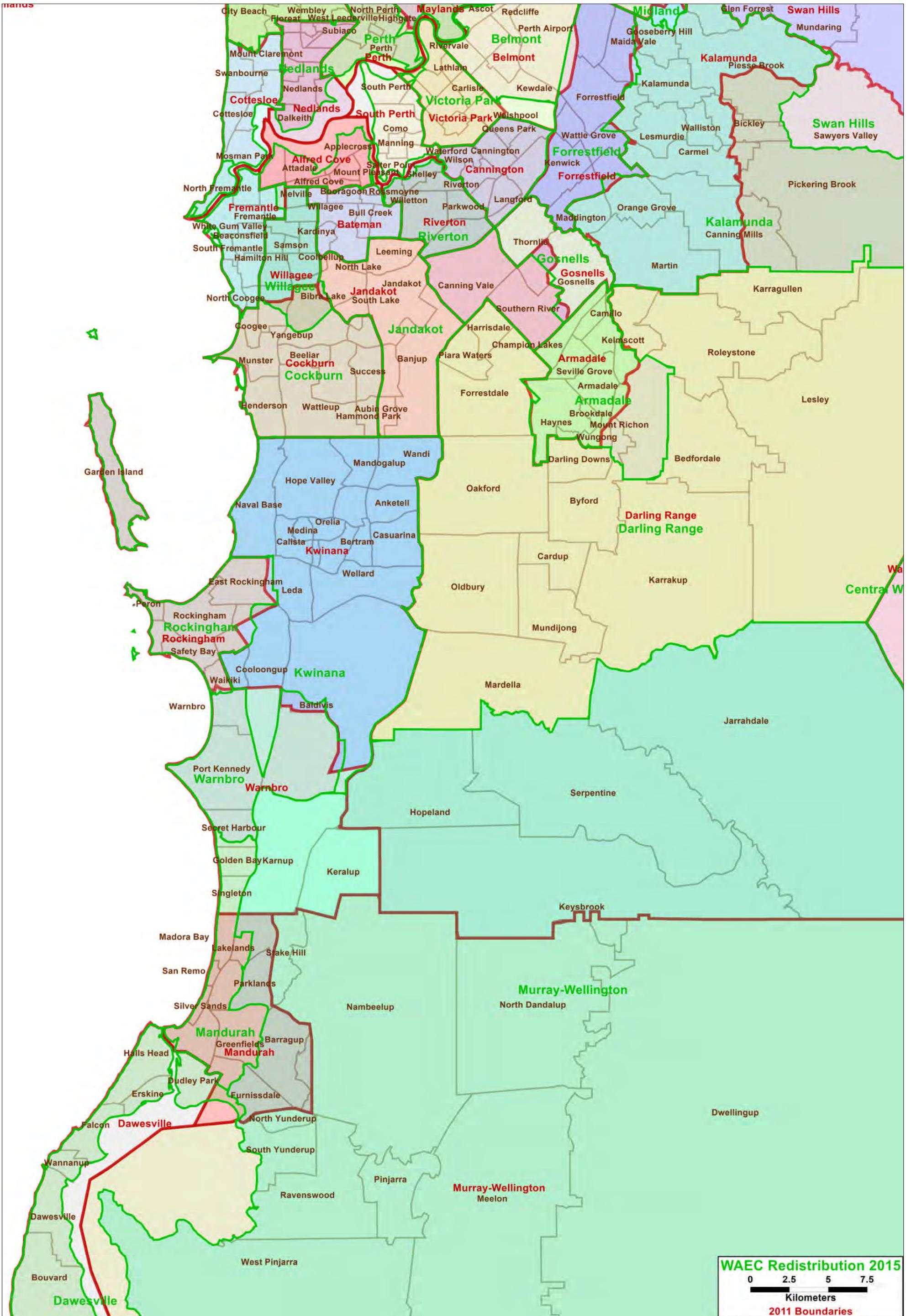
Please note that the overlaid lines in green represent our suggested boundaries. The overlaid lines in red are for reference, and are those of the 2011 West Australian district boundaries.



WAEC Redistribution 2015
 0 33.3 66.7 100
 Kilometers
 2011 Boundaries



WAEC Redistribution 2015
 0 3 6 9
 Kilometers
2011 Boundaries



WAEC Redistribution 2015
 0 2.5 5 7.5
 Kilometers
 2011 Boundaries