



Second submission into the

proposed redistribution of

Electoral Districts for

Western Australia

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Disclaimer: Whilst every effort has been made to ensure the accuracy of the data provided in this analysis, there may be unintended instances of calculation or raw data errors. As the author, I make no attempt to intentionally mislead the reader, nor for the reader to draw incorrect conclusions should any error of calculation be found in this analysis. I have performed all calculations in good faith, assuming my work to be 100% correct.

Declaration of interest: The author is a member of Pauline Hanson's One Nation political party

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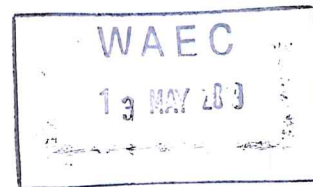
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Introduction

To the members of the Western Australian Redistribution Committee,

I appreciate this part of the process is to pass comments on the original submissions. However, I have found time to do some statistical analysis of the current Districts. I hope that my analysis can be of use to the Redistribution Committee.

This submission does not include the entire State, and ceases at the point where I ran out of time to lodge the submission.

Glossary

A list of acronyms which may be used in this submission

ABS – Australian Bureau of Statistics

AEC - Australian Electoral Commission

ASGS - Australian Statistical Geography Standard

CED – Commonwealth Electoral Division

LDA – Large District Allowance

LGA - Local Government Area (City, District Council, Shire, etc.)

WAEC – Western Australian Electoral Commission (including the Redistribution Committee)

SA (SA1, SA2, SA3, SA4) - Statistical Areas used by the ABS. SA1 being the smallest and SA4 being the largest state-based Statistical Area.

N; S; E; W; etc. – Compass points and their derivations

Data Sources & References

To assist in the preparation of this document, I referenced information from the following web sites:

The ABS: <http://www.abs.gov.au/> 2016 Census information, breakdown of population by Mesh Block, SA and LGA area

The AEC: <http://www.aec.gov.au/> - Current Western Australia CED information.

ABS Maps: <https://itt.abs.gov.au/itt/r.jsp?ABSMaps>

Google Maps and Google Earth: <https://www.google.com.au/maps>

Western Australian Electoral Commission: <http://www.boundaries.wa.gov.au/>

Change in Enrolment by District 2015-2019

The table below shows the change in enrolment for all Districts from the 2015 Redistribution to the figures published by the Redistribution Committee for the 2019 Redistribution.

Overall, State enrolment grew by 156,342 electors over the preceding 4 years or 10.63%.

As can be seen by the figures below, 5 Districts have actually declined in enrolment since 2015 whilst Butler's enrolment increased by over 10,000.

The enrolment trends over the past 4 years should also be a consideration when proposing new boundaries.

Division	Region	9/03/2015	LDA	11/03/2019	Change 2015-19	Var. from Avg.	Growth
Albany	South West	25,011		27,342	2,331	-0.84%	9.32%
Armadale	East Metropolitan	25,808		29,460	3,652	6.84%	14.15%
Balcatta	North Metropolitan	26,889		28,178	1,289	2.20%	4.79%
Baldivis	South Metropolitan	24,065		33,640	9,575	22.00%	39.79%
Bassendean	East Metropolitan	26,325		27,181	856	-1.42%	3.25%
Bateman	South Metropolitan	25,371		25,735	364	-6.67%	1.43%
Belmont	East Metropolitan	24,155		27,832	3,677	0.94%	15.22%
Bicton	South Metropolitan	24,640		25,999	1,359	-5.71%	5.52%
Bunbury	South West	25,537		28,274	2,737	2.54%	10.72%
Burns Beach	North Metropolitan	26,000		29,954	3,954	8.64%	15.21%
Butler	North Metropolitan	23,131		34,345	11,214	24.56%	48.48%
Cannington	South Metropolitan	24,881		26,279	1,398	-4.69%	5.62%
Carine	North Metropolitan	26,638		27,777	1,139	0.74%	4.28%
Central Wheatbelt	Agricultural	25,500	1,519	25,855	355	-6.23%	1.39%
Churchlands	North Metropolitan	25,822		27,023	1,201	-1.99%	4.65%
Cockburn	South Metropolitan	25,309		28,944	3,635	4.97%	14.36%
Collie-Preston	South West	26,799		28,887	2,088	4.77%	7.79%
Cottesloe	North Metropolitan	26,034		27,499	1,465	-0.27%	5.63%
Darling Range	East Metropolitan	26,624		32,913	6,289	19.37%	23.62%
Dawesville	South West	26,511		31,047	4,536	12.60%	17.11%
Forrestfield	East Metropolitan	25,673		27,120	1,447	-1.64%	5.64%
Fremantle	South Metropolitan	25,801		29,611	3,810	7.39%	14.77%
Geraldton	Agricultural	23,205		25,874	2,669	-6.16%	11.50%
Girrawheen	North Metropolitan	26,045		29,463	3,418	6.86%	13.12%
Hillarys	North Metropolitan	26,698		27,641	943	0.25%	3.53%
Jandakot	South Metropolitan	25,278		31,246	5,968	13.32%	23.61%
Joondalup	North Metropolitan	26,671		27,658	987	0.31%	3.70%
Kalamunda	East Metropolitan	26,112		26,889	777	-2.48%	2.98%
Kalgoorlie	Mining and Pastoral	18,674	8,332	19,622	948	-28.84%	5.08%
Kimberley	Mining and Pastoral	16,867	6,315	15,275	-1,592	-44.60%	-9.44%
Kingsley	North Metropolitan	26,192		25,951	-241	-5.88%	-0.92%
Kwinana	South Metropolitan	22,951		26,885	3,934	-2.49%	17.14%
Mandurah	South West	25,296		30,300	5,004	9.89%	19.78%
Maylands	East Metropolitan	25,851		27,967	2,116	1.43%	8.19%
Midland	East Metropolitan	26,490		30,465	3,975	10.49%	15.01%
Mirrabooka	East Metropolitan	26,376		27,906	1,530	1.21%	5.80%
Moore	Agricultural	23,894		24,206	312	-12.21%	1.31%
Morley	East Metropolitan	24,540		25,657	1,117	-6.95%	4.55%

Mount Lawley	East Metropolitan	26,587		28,133	1,546	2.03%	5.81%
Murray-Wellington	South West	25,295		28,939	3,644	4.96%	14.41%
Nedlands	North Metropolitan	25,441		27,637	2,196	0.23%	8.63%
North West Central	Mining and Pastoral	10,510	12,256	9,915	-595	-64.04%	-5.66%
Perth	North Metropolitan	26,122		30,454	4,332	10.45%	16.58%
Pilbara	Mining and Pastoral	17,842	6,098	21,885	4,043	-20.63%	22.66%
Riverton	South Metropolitan	25,200		25,078	-122	-9.05%	-0.48%
Rockingham	South Metropolitan	25,423		27,107	1,684	-1.69%	6.62%
Roe	Agricultural	25,515	1,596	25,486	-29	-7.57%	-0.11%
Scarborough	North Metropolitan	25,458		29,079	3,621	5.46%	14.22%
South Perth	South Metropolitan	26,896		28,794	1,898	4.43%	7.06%
Southern River	South Metropolitan	25,329		27,919	2,590	1.26%	10.23%
Swan Hills	East Metropolitan	26,987		34,864	7,877	26.44%	29.19%
Thornlie	East Metropolitan	26,869		28,445	1,576	3.16%	5.87%
Vasse	South West	24,829		29,175	4,346	5.81%	17.50%
Victoria Park	South Metropolitan	26,633		28,806	2,173	4.47%	8.16%
Wanneroo	North Metropolitan	25,467		28,336	2,869	2.77%	11.27%
Warnbro	South Metropolitan	25,218		29,353	4,135	6.46%	16.40%
Warren-Blackwood	South West	25,992		27,951	1,959	1.37%	7.54%
West Swan	East Metropolitan	24,535		30,513	5,978	10.66%	24.37%
Willagee	South Metropolitan	24,639		25,024	385	-9.24%	1.56%
Totals		1,470,451	36,116	1,626,793	156,342		10.63%
Average				27,572.76	2649.864407		

Noteworthy Districts:

Top 5 increase in enrolment –

- Butler – 11,214
- Baldivis – 9575
- Swan Hills – 7877
- Darling Range - 6289
- West Swan – 5978

Top 5 decrease in enrolment

- Kimberley -1592
- North West Central -595
- Kingsley -241
- Riverton -122
- Roe -29

Though totally irrelevant to how Districts are proposed to be re-drawn, those Districts in red font are held by the ALP after the 2017 State Election, the Districts in Blue font are held by the Liberals or Nationals.

Enrolment Statistics by Region

For simplification, I have grouped the Districts of the Agricultural, Mining and Pastoral and South West Regions into Districts with LDA's and Districts without LDA's.

Country Districts with LDA's

Country Districts (with a Large District Allowance)			
District	No. of Electors	LDA*	Variation from Average District Enrolment [^]
Central Wheatbelt	25,855	1,519	-0.72%
Roe	25,486	1,596	-1.78%
Kalgoorlie	19,622	8,332	1.38%
Kimberley	15,275	6,315	-21.70%
North West Central	9,915	12,256	-19.59%
Pitbara	21,885	6,098	1.49%
	118,038	36,116	

The combined totals of the 2 columns above comes to 154,154.

Dividing that figure by the Average District Enrolment figure of 27,573 returns a figure of 5.59. This effectively means there are only sufficient electors for 5.59 Districts in the above 6 Districts.

However, the base of the shortfall centres around Kimberley and North West Central. Both Districts have declined in the actual numbers of electors since the 2015 Redistribution.

Kimberley has declined from 16,867 electors in 2015 to 15,575 in 2019. A loss of 1,592 electors.

North West Central has declined from 10,510 electors in 2015 to 9,915 in 2019. A loss of 595 electors.

Country Districts without LDA's

Country Districts*		
District	No. of Electors	Variation from Average District Enrolment [^]
Albany	27,342	-0.84%
Bunbury	28,274	2.54%
Collie-Preston	28,887	4.77%
Dawesville	31,047	12.60%
Geraldton	25,874	-6.16%
Mandurah	30,300	9.89%
Moore	24,206	-12.21%
Murray-Wellington	28,939	4.96%
Vasse	29,175	5.81%
Warren-Blackwood	27,951	1.37%
	281,995	

Dividing the Country Districts total enrolment of 281,995 by 27,573 returns a figure of 10.23; meaning there is a slight surplus of electors in these 10 country regions. However, this surplus is basically contained within 2 Districts – Dawesville and Mandurah.

Whilst the simple solution would be to extend Warnbro south into the City of Mandurah and transfer the surplus electors to Warnbro, there may be merit in a series of alterations to most, if not all Districts in the South West with the intention of increasing enrolment in Central Wheatbelt District.

Eastern Metropolitan Region

District	Region	No. of Electors	LDA*	Variation from Average District Enrolment^
Armadale	East Metropolitan	29,460		6.84%
Bassendean	East Metropolitan	27,181		-1.42%
Belmont	East Metropolitan	27,832		0.94%
Darling Range	East Metropolitan	32,913		19.37%
Forrestfield	East Metropolitan	27,120		-1.64%
Kalamunda	East Metropolitan	26,889		-2.48%
Maylands	East Metropolitan	27,967		1.43%
Midland	East Metropolitan	30,465		10.49%
Mirrabooka	East Metropolitan	27,906		1.21%
Morley	East Metropolitan	25,657		-6.95%
Mount Lawley	East Metropolitan	28,133		2.03%
Swan Hills	East Metropolitan	34,864		26.44%
Thornlie	East Metropolitan	28,445		3.16%
West Swan	East Metropolitan	30,513		10.66%
East Metropolitan Region Total		405,345		

Dividing 405,345 into 27,573 returns a figure of 14.7 entitled Districts for the current 14 Districts.

With 4 Districts above +10% of average District enrolment and only Morley under enrolment to any significant extent, this Region will need to lose electors.

The sprawling Darling Range would certainly be a candidate for some re-drawing.

North Metropolitan Region

District	Region	No. of Electors	LDA*	Variation from Average District Enrolment ^A
Balcatta	North Metropolitan	28,178		2.20%
Burns Beach	North Metropolitan	29,954		8.64%
Butler	North Metropolitan	34,345		24.56%
Carine	North Metropolitan	27,777		0.74%
Churchlands	North Metropolitan	27,023		-1.99%
Cottesloe	North Metropolitan	27,499		-0.27%
Girrawheen	North Metropolitan	29,463		6.86%
Hillarys	North Metropolitan	27,641		0.25%
Joondalup	North Metropolitan	27,658		0.31%
Kingsley	North Metropolitan	25,951		-5.88%
Nedlands	North Metropolitan	27,637		0.23%
Perth	North Metropolitan	30,454		10.45%
Scarborough	North Metropolitan	29,079		5.46%
Wanneroo	North Metropolitan	28,336		2.77%
North Metropolitan Region Total		400,995		

Dividing 400,995 into 27,573 returns a figure of 14.54 entitled Districts for the current 14 Districts.

Neighbouring Districts Butler and Burns Beach have between them the better part of 1/3 of an extra District. Only Kingsley is below Average District Enrolment to any extent and will need to gain electors based on its trend of the past 4 years.

South Metropolitan Region

District	Region	No. of Electors	LDA*	Variation from Average District Enrolment^
Baldivis	South Metropolitan	33,640		22.00%
Bateman	South Metropolitan	25,735		-6.67%
Bicton	South Metropolitan	25,999		-5.71%
Cannington	South Metropolitan	26,279		-4.69%
Cockburn	South Metropolitan	28,944		4.97%
Fremantle	South Metropolitan	29,611		7.39%
Jandakot	South Metropolitan	31,246		13.32%
Kwinana	South Metropolitan	26,885		-2.49%
Riverton	South Metropolitan	25,078		-9.05%
Rockingham	South Metropolitan	27,107		-1.69%
South Perth	South Metropolitan	28,794		4.43%
Southern River	South Metropolitan	27,919		1.26%
Victoria Park	South Metropolitan	28,806		4.47%
Warnbro	South Metropolitan	29,353		6.46%
Willagee	South Metropolitan	25,024		-9.24%
South Metropolitan Region Total		420,420		

Dividing 420,420 into 27,573 returns a figure of 15.24 entitled Districts for the current 15 Districts.

The surplus in this Region is relatively modest compared to the surpluses in the Eastern and North Metropolitan Region, however it is obvious that the surplus electors from Dawesville and Mandurah need to be dispersed amongst the other Districts of the South West Region.

Baldivis and Jandakot are the 2 fastest growing Districts in this Region though they are offset by a number of Districts well below Average District Enrolment. Both Riverton and Willagee are in excess of 9% below Average District Enrolment and both adjoin Jandakot District.

District-by-District analysis and suggestions

Mining and Pastoral Region

Kimberley

Division	Region	9/03/2015	LDA	Total Electors	11/03/2019	Change 2015-19	Var. from Avg.	Growth
Kimberley	Mining and Pastoral	16,867	6,315	23,182	15,275	-1,592	-44.60%	-9.44%

Kimberley has declined in enrolment by 1,592 electors since the 2015 Redistribution and is now at negative 21.7% of Average District Enrolment including its LDA. Given that Kimberley must gain electors and it only adjoins Pilbara District, Kimberley must gain electors & territory from Pilbara.

The only municipality in Pilbara District adjoining Kimberley District is the East Pilbara Shire. I propose that the East Pilbara Shire in its entirety is transferred from Pilbara to Kimberley.

Transferring the entire East Pilbara Shire adds 2887 physical electors as well as 5585 notional electors to Kimberley, taking its enrolment to 30,062. This is near the top end of enrolment tolerance, but still within tolerance.

District	Component	Enrolment (Inc. LDA)
Kimberley		21,590
From Pilbara	East Pilbara SA2 - part: East Pilbara Shire	715
From Pilbara	East Pilbara Shire - 372307.466 Sq. Km x 1.5% LDA	5,585
From Pilbara	Newman SA2 - all	2,172
New Total		30,062
Variation		9.03%

Pilbara

Division	Region	9/03/2015	LDA	Total Electors	11/03/2019	Change 2015-19	Var. from Avg.	Growth
Pilbara	Mining and Pastoral	17,842	6,098	23,940	21,885	4,043	-20.63%	22.66%

Despite strong growth in the preceding 4 years, Pilbara had to supplement the shortfall in Kimberley District. The loss of 8,472 physical and notional electors meant Pilbara had to gain additional electors from the already under enrolled North West Central District.

The loss of East Pilbara Shire also meant that this proposed version of Pilbara is a far more coastal focussed District than the current version.

To offset its loss of East Pilbara Shire, I propose Pilbara gain the Shires of Ashburton, Exmouth & Carnarvon from North West Central District.

District	Component	Enrolment (Inc. LDA)
Pilbara		27,983
From North West Central	Ashburton (WA) SA2 - all	2,919
From North West Central	Ashburton, Carnarvon & Exmouth Shires - Combined area 153879.9902 Sq. Km x 1.5% LDA	2,308
From North West Central	Carnarvon SA2 - all	3,008
From North West Central	Exmouth SA2 - part: Carnarvon & Exmouth Shires	1,612
To Kimberley	East Pilbara SA2 - part: East Pilbara Shire	-715
To Kimberley	East Pilbara Shire - 372307.466 Sq. Km x 1.5% LDA	-5,585
To Kimberley	Newman SA2 - all	-2,172
New Total		29,358
Variation		6.47%

North West Central

Division	Region	9/03/2015	LDA	Total Electors	11/03/2019	Change 2015-19	Var. from Avg.	Growth
North West Central	Mining and Pastoral	10,510	12,256	22,766	9,915	-595	-64.04%	-5.66%

Like Kimberley, North West Central has declined in physical enrolment since 2015 and with a current variation from Average District enrolment of negative 19.59%; the loss of Ashburton, Carnarvon & Exmouth Shires to Pilbara means this District must move south to acquire additional electors and territory it needs to remain within tolerance.

North West Central District shares its southern boundary with the Districts of Moore, Central Wheatbelt and Kalgoorlie.

Moore is already below minimum enrolment tolerance and needs to gain electors; both Central Wheatbelt and Kalgoorlie are within tolerance but have been growing at a rate below the State Average for the past 4 years.

Ultimately there were 2 possible scenarios for this District: It could either move south into Kalgoorlie District, acquiring the Shires of Laverton, Leonora & Menzies to try and recover its numbers. However, even this would still mean some movement south on the coast and the District cannot obtain sufficient electors (both physical and notional) without surrounding Geraldton District in the Agricultural Region.

The other, and overall less disruptive option is to abolish North West Central District and divide its remaining electors and Shires between Kalgoorlie and Moore Districts.

Given that any new District on the coast will be a combination of electors from both North West Central and Moore, I propose both existing District names are abolished and replaced with the new District name of Mid-West.

District	Component	Enrolment (Inc. LDA)
North West Central		22,171
Lost by rounding	LDA Rounding	-1
To Kalgoorlie	Leinster - Leonora SA2 - part: Ngaanyatjarraku Shire	-701
To Kalgoorlie	Ngaanyatjarraku Shire – 159821.7026 Sq. Km x 1.5% LDA	-2,397
To Mid-West	Cue, Meekatharra, Mount Magnet, Murchison, Sandstone, Shark Bay, Upper Gascoyne, Wiluna & Yalgoo Shires - Combined area 496538.1674 Sq. Km x 1.5% LDA	-7,448
To Mid-West	Exmouth SA2 - part: Shark Bay & Upper Gascoyne Shires	-616
To Mid-West	Meekatharra SA2 - all	-1,054
To Mid-West	Northampton - Mullewa - Greenough SA2 - balance	-5
To Mid-West	Northampton Shire LDA balance	-102
To Pilbara	Ashburton (WA) SA2 - all	-2,919
To Pilbara	Ashburton, Carnarvon & Exmouth Shires - Combined area 153879.9902 Sq. Km x 1.5% LDA	-2,308
To Pilbara	Carnarvon SA2 - all	-3,008
To Pilbara	Exmouth SA2 - part: Carnarvon & Exmouth Shires	-1,612
New Total		0
Variation		-100.00%

Kalgoorlie

Division	Region	9/03/2015	LDA	Total Electors	11/03/2019	Change 2015-19	Var. from Avg.	Growth
Kalgoorlie	Mining and Pastoral	18,674	8,332	27,006	19,622	948	-28.84%	5.08%

Including its LDA, Kalgoorlie is currently 1.38% above Average District Enrolment and well within tolerances. Even though its growth for the past 4 years has been half that of the State Average, this District could remain unchanged from its current boundaries. However, the abolition of North West Central District allowed the transfer of Ngaanyatjarraku Shire into Kalgoorlie District.

The logic behind proposing this transfer, is that the main road into and out of Ngaanyatjarraku Shire is the Great Central Road. This enters Ngaanyatjarraku Shire from Laverton Shire; therefore, the natural connection for Ngaanyatjarraku Shire to the rest of WA is not to the west, but to the south.

To offset the gain of Ngaanyatjarraku Shire from North West District, Dundas Shire is transferred to Roe.

District	Component	Enrolment (Inc. LDA)
Kalgoorlie		27,954
From North West Central	Ngaanyatjarraku Shire - 159821.7026 Sq. Km x 1.5% LDA	2,397
From North West Central	Leinster - Leonora SA2 - part: Ngaanyatjarraku Shire	701
To Roe	Dundas Shire - 92885.0302 Sq. Km x 1.5% LDA	-1,393
To Roe	Kambalda - Coolgardie - Norseman SA2 - part: Dundas Shire	-337
New Total		29,322
Variation		6.34%

Agricultural Region

Geraldton

Division	Region	9/03/2015	11/03/2019	Change 2015-19	Var. from Avg.	Growth
Geraldton	Agricultural	23,205	25,874	2,669	-6.16%	11.50%

Despite Geraldton being 6.16% below Average District Enrolment, it's growth over the preceding 4 years has been 11.5%; slightly greater than the overall State growth figure of 10.63%. Based on this information, I do not believe there is any need to alter the boundaries for this District at this Redistribution.

District	Component	Enrolment
Geraldton		25,874
	No Change	
New Total		25,874
Variation		-6.16%

Moore

Division	Region	9/03/2015	11/03/2019	Change 2015-19	Var. from Avg.	Growth
Moore	Agricultural	23,894	24,206	312	-12.21%	1.31%

Even in isolation, Moore needed to gain additional electors to return to within Average District Enrolment tolerance levels.

As has been suggested under my analysis of North West Central District, both North West Central and Moore will instead combine to form a new District in the Agricultural Region; Mid-West.

The low enrolments in both Moore and North West Central allowed for almost all of the current District of Moore to be incorporated into the new Mid-West District. Only the Shires of Chittering,

Toodyay and Victoria Plains were not able to be accommodated in Mid-West District for numeric reasons.

District	Component	Enrolment
Moore		24,206
To Central Wheatbelt	Chittering SA2 - all	-3,738
To Central Wheatbelt	Moora SA2 - part: Victoria Plains Shire	-542
To Central Wheatbelt	Toodyay SA2 - all	-3,246
To Mid-West	Geraldton - North SA2 - part: Chapman Valley Shire	-510
To Mid-West	Gingin - Dandaragan SA2 - all	-5,792
To Mid-West	Irwin SA2 - all	-2,629
To Mid-West	Moora SA2 - part: Dalwallinu & Moora Shires	-2,429
To Mid-West	Morawa SA2 - all	-2,384
To Mid-West	Northampton - Mullewa - Greenough SA2 - part: Ex Moore electors	-2,936
New Total		0
Variation		-100.00%

District	Component	Enrolment (Inc. LDA)
Mid-West		0
From Moore	Geraldton - North SA2 - part: Chapman Valley Shire	510
From Moore	Gingin - Dandaragan SA2 - all	5,792
From Moore	Irwin SA2 - all	2,629
From Moore	Moora SA2 - part: Dalwallinu & Moora Shires	2,429
From Moore	Morawa SA2 - all	2,384
From Moore	Northampton - Mullewa - Greenough SA2 - part: Ex Moore electors	2,936
From North West Central	Cue, Meekatharra, Mount Magnet, Murchison, Sandstone, Shark Bay, Upper Gascoyne, Wiluna & Yalgoo Shires - Combined area 496538.1674 Sq. Km x 1.5% LDA	7,448
From North West Central	Exmouth SA2 - part: Shark Bay & Upper Gascoyne Shires	616
From North West Central	Meekatharra SA2 - all	1,054
From North West Central	Northampton - Mullewa - Greenough SA2 - balance	5
From North West Central	Northampton Shire LDA balance	102
LDA add Ex. Moore	Carnamah, Chapman Valley, Coorow, Dalwallinu, Dandaragan, Gingin, Irwin, Mingenew, Moora, Morawa, Perenjori & Three Springs Shires - Combined area 50722.3059 Sq. Km x 1.5% LDA	761
LDA add Ex. Moore	City of Greater Geraldton (Ex. Moore Component) - 8110.5091 Sq. Km x 1.5% LDA	122
LDA add Ex. Moore	Northampton Shire - LDA component ex. Moore	86
New Total		26,874
Variation		-2.54%

Central Wheatbelt

Division	Region	9/03/2015	LDA	Total Electors	11/03/2019	Change 2015-19	Var. from Avg.	Growth
Central Wheatbelt	Agricultural	25,500	1,519	27,019	25,855	355	-6.23%	1.39%

Central Wheatbelt has experienced negligible growth since the 2015 Redistribution and although still within Average District Enrolment tolerance, it would fail to remain so by 2023 based on current trends. The transfer of the Shires of Chittering, Toodyay and Victoria Plains which were surplus to the new Mid-West District puts Central Wheatbelt well outside Average District Enrolment tolerance.

To offset the gains in its west, I propose Central Wheatbelt contract northwards, transferring out the Shires of Beverley, Brookton, Pingelly & Wandering to a re-oriented Darling Range District; Boddington Shire to Murray-Wellington District and Corrigin & Kondinin Shires to Roe District.

District	Component	Enrolment (Inc. LDA)
Central Wheatbelt		27,374
From Moore	Chittering SA2 - all	3,738
From Moore	Moora SA2 - part: Victoria Plains Shire	542
From Moore	Toodyay SA2 - all	3,246
LDA add Ex. Moore	Chittering, Toodyay & Victoria Plains Shires - Combined area 5462.565 Sq. Km x 1.5% LDA	82
Lost in transfer	Beverley, Boddington, Brookton, Pingelly & Wandering Shires - 9074.5884 Sq. Km x 1.5% LDA	-136
To Darling Range	Brookton SA2 - part: Brookton, Pingelly & Wandering Shires	-1,764
To Darling Range	York - Beverley SA2 - part: Beverley Shire	-1,281
To Murray-Wellington	Murray SA2 - part: Boddington Shire	-1,144
To Roe	Brookton SA2 - part: Corrigan Shire	-816
To Roe	Corrigan & Kondinin Shires - 10122.0725 Sq. Km x 1.5% LDA	-152
To Roe	Kulin SA2 - part: Kondinin Shire	-553
New Total		29,136
Variation		5.67%

Roe

Division	Region	9/03/2015	LDA	Total Electors	11/03/2019	Change 2015-19	Var. from Avg.	Growth
Roe	Agricultural	25,515	1,596	27,111	25,486	-29	-7.57%	-0.11%

Roe is another rural District that has declined in physical enrolment since the 2015 Redistribution.

My proposal transfers Dundas Shire from Kalgoorlie to Roe as a flow-on from the abolition of North West Central District. This changes the dynamic of Roe from a primarily agricultural District to more of a Coastal District that now stretches all the way to the South Australian Border.

To further reinforce Roe's push east and to the coast, I propose Roe gains Jerramungup Shire from Albany District plus Corrigin & Kondinin Shires from Central Wheatbelt District.

These additions allow Roe to transfer out its two westernmost Shires - West Arthur & Williams Shires to Collie-Preston.

Given that Roe is all but disconnected from the Mount Roe National Park after which it was probably named, I believe a name-change for this District is warranted.

With its increased coastal footprint, I considered South Coast a possible alternative name, but I'm going to propose it be renamed in honour of one of the people I identified in my original submission; Vincent Serventy (6/1/1916 – 8/9/2007). The addition of Kondinin Shire from Central Wheatbelt District means the unique geological feature, Wave Rock, also becomes a part of this District. Wave Rock was featured in Serventy's Nature Walkabout TV series 50 years ago, so the connection between the District and the person whom I propose this District be named after, is established.

District	Component	Enrolment (Inc. LDA)
Roe	Rename to Serventy	27,082
From Albany	Esperance Region SA1 5127507 - part: Jerramungup Shire	0
From Albany	Gnowangerup SA2 - part: Jerramungup Shire	742
From Central Wheatbelt	Brookton SA2 - part: Corrigan Shire	816
From Central Wheatbelt	Corrigan & Kondinin Shires - 10122.0725 Sq. Km x 1.5% LDA	152
From Central Wheatbelt	Kulin SA2 - part: Kondinin Shire	553
From Kalgoorlie	Dundas Shire - 92885.0302 Sq. Km x 1.5% LDA	1,393
From Kalgoorlie	Kambalda - Coolgardie - Norseman SA2 - part: Dundas Shire	337
LDA add Ex. Albany	Jerramungup Shire - 6507.5133 Sq. Km x 1.5% LDA	98
Lost in transfer	West Arthur & Williams Shires - 5136.5391 Sq. Km x 1.5% LDA	-77
To Darling Range	Wagin SA2 - part: West Arthur & Williams Shires	-1,278
New Total		29,818
Variation		8.14%

These changes put Roe/Serventy at the higher end of enrolment tolerance and more than capable of accommodating another 4 years of minimal or even negative growth without dropping below minimum enrolment tolerance.

If retaining the same number of Districts in each Region is considered desirable by the Redistribution Committee, there is no reason Roe (Serventy) couldn't be migrated to the Mining and Pastoral Region to replace the abolished North West Central District.

South West Region

The 8 Districts of the South West Region; Albany, Bunbury, Collie-Preston, Dawesville, Mandurah, Murray-Wellington, Vasse and Warren-Blackwood have a combined total of 231,915 electors.

Dividing that figure by the Average District Enrolment figure of 27,573 returns a figure of 8.41 meaning there are sufficient electors for an extra .4 of a District in this Region.

Adding the 18,205 electors from Serpentine-Jarrahdale Shire to the above figure gives a total of 250,120. Divide that by the Average District Enrolment figure of 27,573 and it returns a value of 9.07 entitled Districts.

This excludes the 6,283 electors that are surplus to the proposed Central Wheatbelt & Roe Districts

This would allow one District from this Region to move to the Agricultural Region to supplement the loss of Roe/Serventy to the Mining and Pastoral Region.

I propose the new District is named Chaney in honour of Sir Frederick Charles Chaney KBE, AFC (20/10/1914 – 17/12/2001) and that it is based on the Serpentine-Jarrahdale Shire, crossing over into Murray Shire and the City of Mandurah to complete its numeric requirements.

Dawesville and Mandurah

Division	Region	9/03/2015	11/03/2019	Change 2015-19	Var. from Avg.	Growth
Dawesville	South West	26,511	31,047	4,536	12.60%	17.11%
Mandurah	South West	25,296	30,300	5,004	9.89%	19.78%

Mandurah's northern boundary is also the South Metropolitan Region boundary so any adjustments to the Districts of the South West Region should start here.

Growth in both the City of Mandurah Districts – Dawesville and Mandurah – has been so great that there are more electors in the municipality than can be accommodated in the current 2 Districts.

Mandurah District's growth over the past 4 years has been almost double the State Average and it sits near the top of tolerance. Whilst Dawesville's growth has been slightly less than Mandurah's its current enrolment is outside tolerance so it must lose electors.

The most obvious place to remove electors from Dawesville is on the eastern side of the Mandurah Estuary; specifically, the locality of Dudley Park.

By changing the Dawesville – Mandurah District boundary to continue generally southwards along the Mandurah Estuary until it intersects the municipality boundary, Dawesville returns to being within enrolment tolerance and its boundary with Mandurah is simpler and stronger.

Dudley Park is proposed to be divided between Mandurah and the new Chaney District, with Mandurah Rd forming the new boundary.

District	Component	Enrolment
Dawesville		31,047
To Chaney	Mandurah - South SA2 - part: SE of Mandurah Rd	-2,326
To Mandurah	Mandurah - South SA2 - part: NW of Mandurah Rd	-2,584
To Mandurah	Mandurah SA1 5102508 - balance	0
New Total		26,137
Variation		-5.21%

The first step I propose to reduce Mandurah's enrolment is to transfer out all electors in the Murray Shire to the new Chaney District. However, the gain of the part of Dudley Park to the north of Mandurah Rd from Dawesville means that Mandurah also need to shed all of the locality of Coodanup. Mandurah's new boundary is as follows: Continuing generally southwards along the Mandurah Estuary beyond Pinjarra Rd to Mandurah Rd; turning E along Mandurah Rd until it intersects Pinjarra Rd, then, in an ESE direction along Pinjarra Rd until it meets the LGA boundary on the Serpentine River and finally in a generally northerly direction along the LGA boundary/Serpentine River to Lakes Rd where it aligns with the existing District boundary.

District	Component	Enrolment
Mandurah		30,300
From Dawesville	Mandurah - South SA2 - part: NW of Mandurah Rd	2,584
From Dawesville	Mandurah SA1 5102508 - balance	0
To Chaney	Mandurah - East SA2 - balance	-1,450
To Chaney	Mandurah - South SA2 - part: SE of Mandurah Rd	-2,960
To Chaney	Pinjarra SA2 - balance	-106
New Total		28,368
Variation		2.88%

Chaney (new District)

As noted above, Chaney's base is the Serpentine-Jarrahdale Shire. It also acquires the electors in the City of Mandurah that are surplus to the requirements of Dawesville and Mandurah Districts. Linking them together, Chaney also acquires a portion of the north-western part of Murray Shire – especially the more developed localities around Mandurah.

Specifically, I propose Chaney's District boundary diverges from the Serpentine-Jarrahdale Shire and turns S into Murray Shire incorporating SA1's 5102907, 5102912 & 5102928. This appears to incorporate all of the localities of North Dandalup and Nambeelup in Chaney District.

At the SW corner of Nambeelup's locality boundary. I propose the Chaney District boundary turn S, on Fiegert Rd, briefly ESE on Pinjarra Rd, then S on the Forrest Highway incorporating all of the Mandurah – East SA2. The boundary then turns NNW into the Mandurah Estuary as far as Mandurah Rd and thereafter follows the new Mandurah boundary northwards until the City of Mandurah –

Shire of Harvey LGA boundary intersects the City of Rockingham LGA boundary. Finally, Chaney's boundary turns E following the Shire of Harvey - City of Rockingham LGA boundary until it intersects the Serpentine-Jarrahdale Shire boundary.

District	Component	Enrolment
Chaney		0
From Darling Range	Byford SA2 - all	10,527
From Darling Range	Mundijong SA2 - all	4,781
From Darling Range	Serpentine - Jarrahdale SA2 - part: Serpentine - Jarrahdale Shire	2,897
From Dawesville	Mandurah - South SA2 - part: SE of Mandurah Rd	2,326
From Mandurah	Mandurah - East SA2 - balance	1,450
From Mandurah	Mandurah - South SA2 - part: SE of Mandurah Rd	2,960
From Mandurah	Pinjarra SA2 - balance	106
From Murray-Wellington	Mandurah - East SA2 - balance	3,291
From Murray-Wellington	Mandurah - North SA1 5102725	322
From Murray-Wellington	Pinjarra SA2 - part: SA1's 5102907, 5102912 & 5102928 (part) - localities of Nambelup & North Dandalup	613
From Murray-Wellington	Serpentine - Jarrahdale SA1 5441108 - part: Murray Shire	37
New Total		29,310
Variation		6.30%

Murray-Wellington

Division	Region	9/03/2015	11/03/2019	Change 2015-19	Var. from Avg.	Growth
Murray-Wellington	South West	25,295	28,939	3,644	4.96%	14.41%

For the past 4 years, Murray-Wellington has grown at slightly better than State Average and is now almost 5% above State Average Enrolment.

The transfer of its Mandurah surrounds to the new Chaney District leaves Murray-Wellington short on electors. To offset this shortage, I propose it acquires the balance of the Australind – Leschenault SA2 from Collie-Preston and in the process unites all of Harvey Shire in Murray-Wellington District.

District	Component	Enrolment
Murray-Wellington		28,939
From Collie-Preston	Australind - Leschenault SA2 - part: Balance in Harvey Shire	3,050
To Chaney	Mandurah - East SA2 - balance	-3,291
To Chaney	Mandurah - North SA1 5102725	-322
To Chaney	Pinjarra SA2 - part: SA1's 5102907, 5102912 & 5102928 (part) - localities of Nambeelup & North Dandalup	-613
To Chaney	Serpentine - Jarrahdale SA1 5441108 - part: Murray Shire	-37
New Total		27,726
Variation		0.55%

Bunbury

Division	Region	9/03/2015	11/03/2019	Change 2015-19	Var. from Avg.	Growth
Bunbury	South West	25,537	28,274	2,737	2.54%	10.72%

Growing at almost the same rate as all of WA over the past 4 years, Bunbury is well within enrolment tolerances and has a generally sound District boundary.

I propose no changes to this District as a part of this Redistribution.

District	Component	Enrolment
Bunbury		28,274
	No Change	
New Total		28,274
Variation		2.54%

Collie-Preston

Division	Region	9/03/2015	11/03/2019	Change 2015-19	Var. from Avg.	Growth
Collie-Preston	South West	26,799	28,887	2,088	4.77%	7.79%

The loss of the balance of the Australind – Leschenault SA2 to Murray-Wellington District means Collie-Preston needs to gain electors. With Vasse District based on the City of Busselton, recovering numbers along the coast was not an ideal option.

Instead I propose Collie-Preston recover its numbers to the east, by gaining the West Arthur & Williams Shires which were surplus to the re-drawn Roe. In addition, I propose Collie-Preston acquire Boyup Brook Shire from Warren-Blackwood.

District	Component	Enrolment
Collie-Preston		28,887
From Roe	Wagin SA2 - part: West Arthur & Williams Shires	1,278
From Warren-Blackwood	Bridgetown - Boyup Brook SA2 - part: Boyup Brook Shire	1,191
To Murray-Wellington	Australind - Leschenault SA2 - part: Balance in Harvey Shire	-3,050
New Total		28,306
Variation		2.66%

Vasse

Division	Region	9/03/2015	11/03/2019	Change 2015-19	Var. from Avg.	Growth
Vasse	South West	24,829	29,175	4,346	5.81%	17.50%

Over the past 4 years, Vasse has grown at a rate well above the State average and was capable of losing electors without falling below tolerance.

On examination of the published enrolment statistics, it has become possible to contain Vasse wholly within the City of Busselton LGA, allowing the balance of the Shire of Augusta-Margaret River to be transferred to Warren-Blackwood.

District	Component	Enrolment
Vasse		28,939
To Warren-Blackwood	Augusta SA2 - balance	-1,869
To Warren-Blackwood	Margaret River SA2 - balance	-144
New Total		26,926
Variation		-2.35%

Warren-Blackwood

Division	Region	9/03/2015	11/03/2019	Change 2015-19	Var. from Avg.	Growth
Warren-Blackwood	South West	25,992	27,951	1,959	1.37%	7.54%

My proposed changes to Warren-Blackwood have already been outlined in my analyses of Collie-Preston and Vasse, above.

In short, Warren-Blackwood gains the balance of the Shire of Augusta-Margaret River from Vasse, uniting that Shire in Warren-Blackwood. The offset is that it transfers out Boyup Brook Shire to Collie-Preston.

District	Component	Enrolment
Warren-Blackwood		27,951
From Vasse	Augusta SA2 - balance	1,869
From Vasse	Margaret River SA2 - balance	144
To Collie-Preston	Bridgetown - Boyup Brook SA2 - part: Boyup Brook Shire	-1,191
New Total		28,773
Variation		4.35%

Albany

Division	Region	9/03/2015	11/03/2019	Change 2015-19	Var. from Avg.	Growth
Albany	South West	25,011	27,342	2,331	-0.84%	9.32%

As detailed in my assessment of Roe, Jerramungup Shire is transferred from Albany to Roe.

Like Vasse, Albany has sufficient electors within the municipality to be a 1-LGA District.

District	Component	Enrolment
Albany		27,342
To Roe	Esperance Region SA1 5127507 - part: Jerramungup Shire	0
To Roe	Gnowangerup SA2 - part: Jerramungup Shire	-742
New Total		26,600
Variation		-3.53%

The only District capable of being transferred to the Agricultural Region from this proposal is Chaney District. It is the only land-locked District of the 9 proposed.

Any other District would cause a break in continuity of either the South West Region or the Agricultural Region.

This concludes my proposal for the South West Region.

Southern Metropolitan Region

With Serpentine-Jarrahdale Shire transferred to Chaney District, the parts of Darling Range District currently in the Cities of Rockingham & Kwinana are also freed up to be transferred to Districts of the Southern Metropolitan Region.

One of the principles I have held in my proposal for rural and remote WA, is to keep LGA's united in a single District where possible. This proposal will try and hold to that principle in suburban Districts as well.

Baldivis and Warnbro

Division	Region	9/03/2015	11/03/2019	Change 2015-19	Var. from Avg.	Growth
Baldivis	South Metropolitan	24,065	33,640	9,575	22.00%	39.79%
Warnbro	South Metropolitan	25,218	29,353	4,135	6.46%	16.40%

The current Baldivis District contains part, but not all, of Baldivis itself! Baldivis also incorporates parts of Cooloongup and Waikiki as well as the suburbs of Wellard and Bertram in the City of Kwinana.

Some 6,000 electors in excess of the State Average, this is an opportunity to remove as much of that fragmentation as possible. At the same time, containing Baldivis to within the City of Rockingham LGA.

The Rockingham Lakes appear to be both a physical and logical boundary to separate the Districts of Baldivis, Rockingham and Warnbro in this area, leaving Baldivis to incorporate the eastern part of the City of Rockingham whilst Warnbro focusses on the coast.

I propose Baldivis acquire the eastern part of the City of Rockingham currently in Darling Range District as well as the balance of the Baldivis SA2 from Warnbro. All of its City of Kwinana electors are released to Kwinana District.

With its southern and eastern boundaries aligning with the City of Rockingham LGA boundary; Baldivis' proposed boundary within the City of Rockingham is as follows: From the intersection of Millar Rd West and Mandurah Rd; S, on Mandurah Rd; W along Safety Bay Rd; S along Ennis Rd and continuing S when the road becomes Mandurah Rd again and finally turning W along the Golden Bay – Secret Harbour locality boundary to the Indian Ocean.

This leaves Baldivis towards the lower end of enrolment tolerance but given the growth in the area over the past 4 years, this allows for continued significant growth prior to the next Redistribution.

District	Component	Enrolment
Baldivis		33,640
From Darling Range	Baldivis SA2 - balance	530
From Warnbro	Baldivis SA2 - balance	1,597
From Warnbro	Rockingham Lakes SA1 5118903 - part: south of Safety Bay Rd	2
From Warnbro	Singleton - Golden Bay - Secret Harbour SA2 - part: Localities of Golden Bay & Singleton	5,190
To Kwinana	Bertram - Wellard (West) SA2 - balance	-8,110
To Kwinana	Calista SA2 - balance	-1,049
To Rockingham	Cooloongup SA2 - balance	-1,583
To Rockingham	Rockingham Lakes SA2 - part: north of Safety Bay Rd	0
To Rockingham	Waikiki SA2 - part: east of Willmott Drive	-843
To Warnbro	Waikiki SA2 - part: west of Willmott Drive	-3,890
New Total		25,484
Variation		-7.58%

Warnbro now extends no further east than Ennis Avenue / Mandurah Rd. Its boundary is now proposed to run from the Indian Ocean along Secret Harbour's southern locality boundary; N along Ennis Avenue / Mandurah Rd; NW into Willmott Drive, Waikiki; W along Goongarrie Dr.; SSE along Read St.; WSW along Rand Ave; SE along Safety Bay Rd and finally SW along Hilda Rd and continuing to the Indian Ocean.

District	Component	Enrolment
Warnbro		29,353
From Baldivis	Waikiki SA2 - part: west of Willmott Drive	3,890
From Rockingham	Waikiki SA2 - part: south of Rand Ave & Hilda Rd	1,468
To Baldivis	Baldivis SA2 - Balance	-1,597
To Baldivis	Rockingham Lakes SA1 5118903 - part: south of Safety Bay Rd	-2
To Baldivis	Singleton - Golden Bay - Secret Harbour SA2 - part: Localities of Golden Bay & Singleton	-5,190
New Total		27,922
Variation		1.27%

Rockingham

Division	Region	9/03/2015	11/03/2019	Change 2015-19	Var. from Avg.	Growth
Rockingham	South Metropolitan	25,423	27,107	1,684	-1.69%	6.62%

Slightly below Average District Enrolment and growing at slightly less than the State Average, Rockingham could afford a small gain of electors.

After some consideration, I propose to leave Rockingham's boundary with Kwinana unchanged. At the point where the Mandurah Railway crosses Mandurah Rd, I propose Rockingham's new boundary continue generally southwards on Mandurah Rd; W along Safety Bay Rd; N along Ennis Ave; NW into Willmott Drive, Waikiki; W along Goongarrie Dr.; SSE along Read St.; WSW along Rand Ave; SE along Safety Bay Rd and finally SW along Hilda Rd and continuing to the Indian Ocean.

Whilst these changes are relatively minor, many of the streets used to determine the boundary are more highly trafficked and therefore perhaps more identifiable to the locals as a clear electoral boundary.

District	Component	Enrolment
Rockingham		27,107
From Baldivis	Cooloongup SA2 - balance	1,583
From Baldivis	Rockingham Lakes SA2 - part: north of Safety Bay Rd	0
From Baldivis	Waikiki SA2 - part: east of Willmott Drive	843
To Warnbro	Waikiki SA2 - part: south of Rand Ave & Hilda Rd	-1,468
New Total		28,065
Variation		1.78%

Kwinana

Division	Region	9/03/2015	11/03/2019	Change 2015-19	Var. from Avg.	Growth
Kwinana	South Metropolitan	22,951	26,885	3,934	-2.49%	17.14%

Having gained the southern part of the City of Kwinana LGA from Darling Range and Baldivis Districts, Kwinana needed to shed some City of Cockburn LGA electors in its north to return to within +/-10% of Average District Enrolment.

To resolve this situation, I propose that Kwinana transfers the part of the City of Cockburn that is east of the Kwinana Freeway (known as the Banjup SA2) to Jandakot District.

These changes ensure Kwinana District contains the entire population of the City of Kwinana.

District	Component	Enrolment
Kwinana		26,885
From Baldivis	Bertram - Wellard (West) SA2 - balance	8,110
From Baldivis	Calista SA2 - Balance	1,049
From Darling Range	Casuarina - Wandi SA2 - balance	1,000
To Jandakot	Banjup SA2 - balance	-9,736
New Total		27,308
Variation		-0.96%

Cockburn

Division	Region	9/03/2015	11/03/2019	Change 2015-19	Var. from Avg.	Growth
Cockburn	South Metropolitan	25,309	28,944	3,635	4.97%	14.36%

Being both above Average District Enrolment and growing at greater than State Average, Cockburn District did need to shed some electors. Trying to find a place to do this was quite an onerous task.

However, I have found a solution that reduces Cockburn's enrolment only slightly and strengthens the District boundary at the same time. That solution involves continuing Cockburn's northern boundary further west along the Midland – Kwinana Railway; beyond Barrington St until it passes under Cockburn Rd.

Electors currently in Cockburn District between Hamilton Rd and Stock Rd are that are north of the railway are transferred to Fremantle District. Electors currently in Fremantle District between Hamilton Rd & Cockburn Rd that are south of the railway are transferred to Cockburn District.

District	Component	Enrolment
Cockburn		28,944
From Fremantle	Spearwood SA2 - part: south of Midland - Kwinana Railway between Hamilton & Cockburn Rds.	47
To Fremantle	Spearwood SA2 - part: north of Midland - Kwinana Railway between Hamilton & Stock Rds.	-983
New Total		28,008
Variation		1.58%

Fremantle

Division	Region	9/03/2015	11/03/2019	Change 2015-19	Var. from Avg.	Growth
Fremantle	South Metropolitan	25,801	29,611	3,810	7.39%	14.77%

Fremantle is a name that exists at 3 levels of government; Commonwealth, State and Local. The AEC has a principle that duplicity between Commonwealth Electoral Divisions and State Electoral Districts should be avoided. It's a principle I support.

Therefore, given Fremantle's working-class background, I propose this District be renamed Holman in honour of Mary Alice (May) Holman (18/7/1893 – 20/3/1939).

A second reason for renaming this District is that only around 50% of it is actually contained within the City of Fremantle.

With both Bicton and Willagee to Fremantle's east below Average District Enrolment, though not outside tolerance, it would be logical to make adjustments to transfer the surplus in Fremantle to one or both Districts.

After trialling some changes, I determined that the most logical change to make to reduce enrolment in Fremantle/Holman was to move part of the eastern boundary from Stock Rd to Cannington St from the point where High St. becomes the Leach Highway, S along Cannington St; E along Winterfold Rd to Stock Rd.

The City of Melville component is added to Bicton District, the City of Fremantle component is added to Willagee District.

District	Component	Enrolment
Fremantle	Rename to Holman	29,611
From Cockburn	Spearwood SA2 - part: north of Midland - Kwinana Railway between Hamilton & Stock Rds.	983
To Bicton	Bicton - Palmyra SA2 - balance	-2
To Cockburn	Spearwood SA2 - part: south of Midland - Kwinana Railway between Hamilton & Cockburn Rds.	-47
To Willagee	Fremantle - South SA2 - part: E of Cannington St	-2,798
To Willagee	O'Connor (WA) SA2 - balance	-3
New Total		27,744
Variation		0.62%

Bicton

Division	Region	9/03/2015	11/03/2019	Change 2015-19	Var. from Avg.	Growth
Bicton	South Metropolitan	24,640	25,999	1,359	-5.71%	5.52%

Bicton has grown at a rate around half the State average for the past 4 years, so does need to gain some electors.

As detailed in my analysis of Fremantle/Holman above, Bicton gains the balance of the location of Palmyra currently in Fremantle District. However, in order to return Bicton to a level of enrolment not likely to dip below -10% of State Average Enrolment for the next 4 years; I propose it gain the location of Willagee from Willagee District.

Whilst this places Bicton at the higher end of enrolment tolerance, it does allow for another 4 years of below average growth in this District.

District	Component	Enrolment
Bicton		25,999
From Fremantle	Bicton - Palmyra SA2 - balance	2
From Willagee	Willagee SA2 - all	3,305
New Total		29,306
Variation		6.29%

Willagee

Division	Region	9/03/2015	11/03/2019	Change 2015-19	Var. from Avg.	Growth
Willagee	South Metropolitan	24,639	25,024	385	-9.24%	1.56%

The argument against naming Districts after localities bears fruit in this example.

Willagee District without the location of Willagee included in it, means this District needs to be renamed, as well as gain additional electors!

As has already been detailed under my analysis of Fremantle, Willagee gains the part of the City of Fremantle that is east of Cannington St. though this does not offset the loss of Willagee, itself.

With Bateman to its north also under quota, Willagee can really only expand east and gain electors from the over-enrolled Jandakot District.

I propose that Willagee extend eastwards along South St., beyond the Kwinana Freeway as far as Karel Ave, Leeming; turning S on Karel Ave as far as the Midland to Kwinana Railway; then SW along the Railway to the Kwinana Freeway and Willagee's existing boundary.

On viewing the new layout of Willagee District, it is obvious (to me, at least) that the new name for this proposed District must be Bibra Lake.

District	Component	Enrolment
Willagee	Rename to Bibra Lake	25,024
From Fremantle	Fremantle - South SA2 - part: E of Cannington St	2,798
From Fremantle	O'Connor (WA) SA2 - balance	3
From Jandakot	Jandakot SA1 5126003 - part: W of Karel Ave	0
From Jandakot	Leeming SA2 - part: W of Karel Ave	5,518
To Bicton	Willagee SA2 - all	-3,305
New Total		30,038
Variation		8.94%

Bateman

Division	Region	9/03/2015	11/03/2019	Change 2015-19	Var. from Avg.	Growth
Bateman	South Metropolitan	25,371	25,735	364	-6.67%	1.43%

Surrounded by under-enrolled Districts and having experienced almost zero growth in the past 4 years, Bateman must expand east into Riverton to recover its numbers.

I propose Bateman gain the balance of the suburbs of Brentwood and Mt Pleasant from Riverton. I then propose that to get to an ideal enrolment that would allow for under average growth for the next 4 years, Bateman acquires some of the western side of Bull Creek.

My proposed boundary runs from the Leach Hwy, S into Bull Creek Drive; E along Parry Ave; S along Wheatley Drive and finally W along South St to the Kwinana Freeway and Bateman's existing boundary.

District	Component	Enrolment
Bateman		25,735
From Riverton	Booragoon SA2 - balance	488
From Riverton	Bull Creek SA2 - part: W of Bull Creek & Wheatley Drives	2,733
New Total		28,956
Variation		5.02%

Riverton

Division	Region	9/03/2015	11/03/2019	Change 2015-19	Var. from Avg.	Growth
Riverton	South Metropolitan	25,200	25,078	-122	-9.05%	-0.48%

One of only 2 Districts in metropolitan Perth to record a decrease in enrolment since the 2015 Redistribution, Riverton must gain electors to stay within tolerance.

I propose Riverton gain the balance of Leeming (N of the Roe Highway & E of Karel Ave) from Jandakot District in addition to acquiring the balance of the locality of Riverton plus all of the locality of Parkwood from Cannington District.

District	Component	Enrolment
Riverton		25,078
From Cannington	Parkwood - Ferndale - Lynwood SA2 - part: Locality of Parkwood	4,088
From Cannington	Riverton SA2 - balance	656
From Jandakot	Leeming SA2 - part: E of Karel Ave	2,447
To Bateman	Booragoon SA2 - balance	-488
To Bateman	Bull Creek SA2 - part: W of Bull Creek & Wheatley Drives	-2,733
New Total		29,048
Variation		5.35%

Jandakot

Division	Region	9/03/2015	11/03/2019	Change 2015-19	Var. from Avg.	Growth
Jandakot	South Metropolitan	25,278	31,246	5,968	13.32%	23.61%

Jandakot was not only outside enrolment tolerance at the beginning of this Redistribution, but in my proposal also inherits the balance of the Banjup SA2 from Kwinana District as a flow-on from the over quota Baldivis District.

To offset this gain in its south, Jandakot loses the locality of Leeming to Riverton and Willagee Districts.

After some deliberation, I propose that Nicholson Road (AKA Route 31) forms Jandakot's new eastern boundary through the City of Armadale LGA.

All of the locality of Harrisdale, plus the parts of the localities of Forrestdale and Piara Waters that are east of Nicholson Rd are transferred to Armadale District.

District	Component	Enrolment
Jandakot		31,246
From Kwinana	Banjup SA2 - balance	9,736
To Armadale	Forrestdale - Harrisdale - Piara Waters SA2 - part: E of Nicholson Rd	-6,610
To Riverton	Leeming SA2 - part: E of Karel Ave	-2,447
To Willagee	Jandakot SA1 5126003 - part: W of Karel Ave	0
To Willagee	Leeming SA2 - part: W of Karel Ave	-5,518
New Total		26,407
Variation		-4.23%

Southern River

Division	Region	9/03/2015	11/03/2019	Change 2015-19	Var. from Avg.	Growth
Southern River	South Metropolitan	25,329	27,919	2,590	1.26%	10.23%

At just over State Average and growing at a rate almost identical to the entire State since the previous Redistribution, Southern River is another District that needs no alteration at this Redistribution.

District	Component	Enrolment
Southern River		27,919
	No Change	
New Total		27,919
Variation		1.25%

Cannington

Division	Region	9/03/2015	11/03/2019	Change 2015-19	Var. from Avg.	Growth
Cannington	South Metropolitan	24,881	26,279	1,398	-4.69%	5.62%

Below State Average Enrolment and growing at less than the State Average, Cannington needs to be on the higher side of tolerance and has already lost the balance of Riverton and all of Parkwood to Riverton District.

To recover those numbers, I propose that in its north, Cannington acquire the balance of the Welshpool SA2 that is currently in Belmont, aligning the District boundary with the City of Canning LGA boundary. From the NE corner of Welshpool's locality boundary, I propose Cannington's new boundary turns N along the Railway line until it passes under the Tonkin Hwy; then, SE along the Tonkin Hwy until it aligns with the City of Gosnells – Shire of Kalamunda LGA boundary. Cannington also acquires from Forrestfield all of its electors and territory in the City of Gosnells.

District	Component	Enrolment
Cannington		26,279
From Belmont	Welshpool SA2 - balance	1
From Forrestfield	Beckenham - Kenwick - Langford SA2 - balance	3,187
From Forrestfield	Forrestfield - Wattle Grove SA2 - part: W of Tonkin Highway	2,901
From Forrestfield	Maddington - Orange Grove - Martin SA2 - balance	424
To Riverton	Parkwood - Ferndale - Lynwood SA2 - part: Locality of Parkwood	-4,088
To Riverton	Riverton SA2 - balance	-656
New Total		28,048
Variation		1.72%

South Perth & Victoria Park

Division	Region	9/03/2015	11/03/2019	Change 2015-19	Var. from Avg.	Growth
South Perth	South Metropolitan	26,896	28,794	1,898	4.43%	7.06%
Victoria Park	South Metropolitan	26,633	28,806	2,173	4.47%	8.16%

The final 2 Districts of the South Metropolitan Region are both marginally above the State average enrolment, though growing at less than the State Average.

Based on trends of the past 4 years, I see no need to alter the boundaries of either District at this Redistribution.

District	Component	Enrolment
South Perth		28,794
	No Change	
New Total		28,794
Variation		4.43%

District	Component	Enrolment
Victoria Park		28,806
	No Change	
New Total		28,806
Variation		4.47%

This concludes the analysis of the South Metropolitan Region.

This is all I have been able to proposed before the deadline.

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