



City of Phoenix

# Redistricting 2023

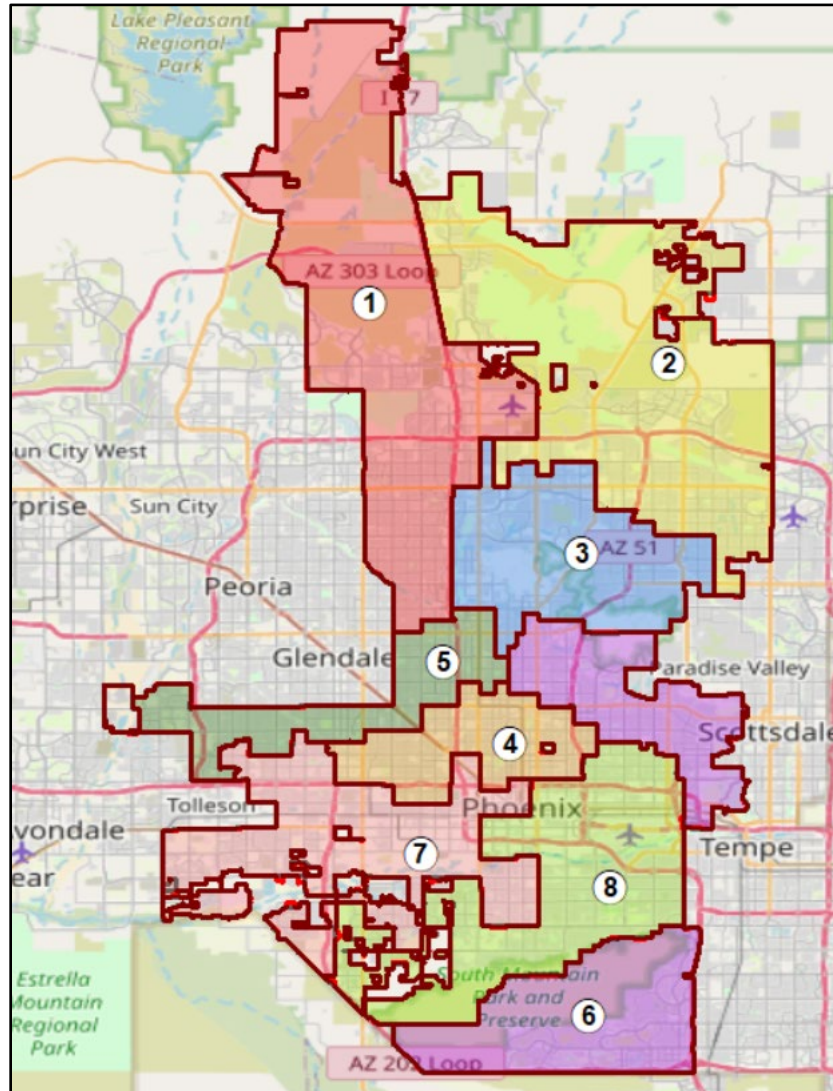
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CITY OF PHOENIX – 2010 - 2020 POPULATION AND CURRENT  
COUNCIL DISTRICTS



ARCBridge Consulting & Training Inc  
[www.arcbridge.com](http://www.arcbridge.com)

# Current Council Districts



2010 Census Redistricting Data				
Max Deviation 4.74%				
	Total Pop	Ideal Pop	Deviation	Deviation %
1	181,996	180,704	1,292	0.71%
2	179,263	180,704	-1,441	-0.80%
3	176,902	180,704	-3,802	-2.10%
4	179,365	180,704	-1,339	-0.74%
5	181,598	180,704	894	0.49%
6	178,698	180,704	-2,006	-1.11%
7	185,474	180,704	4,770	2.64%
8	182,336	180,704	1,632	0.90%
	1,445,632			

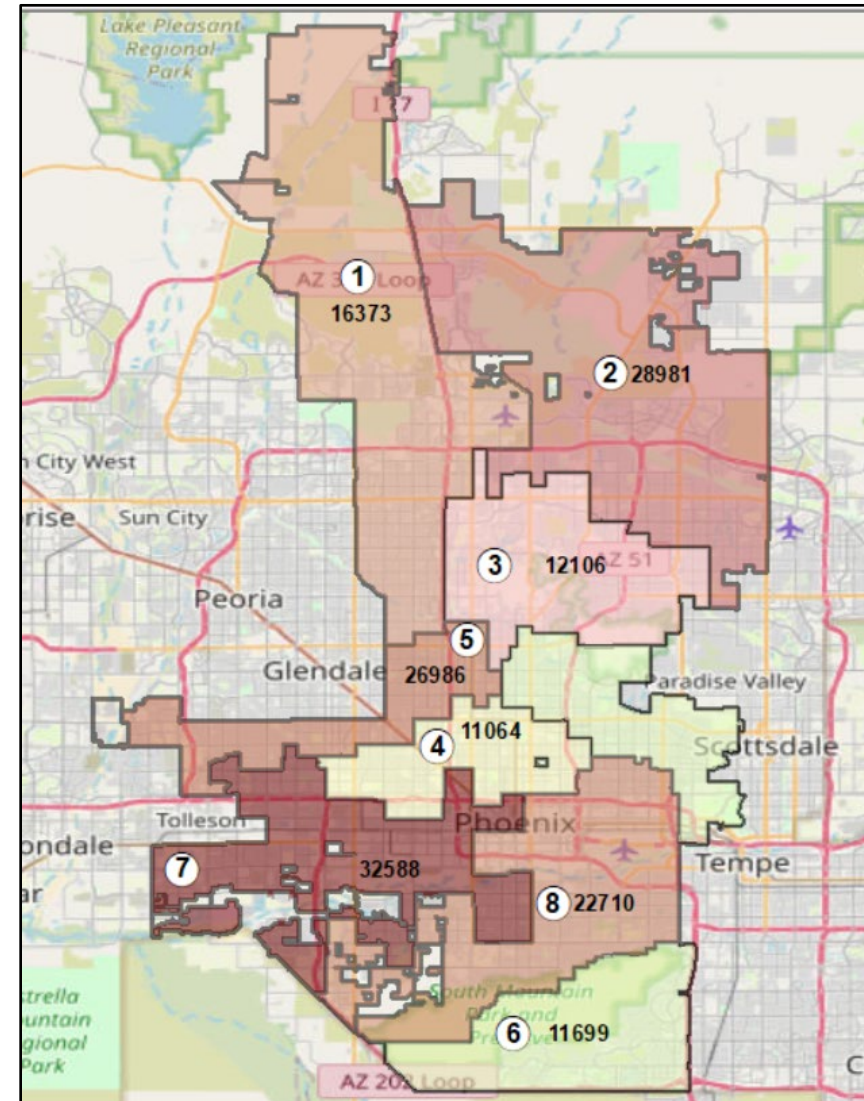
2020 Census Redistricting Data				
Max Deviation 14.45%				
	Total Pop	Ideal Pop	Deviation	Deviation %
1	198,369	201,017	-2,648	-1.32%
2	208,244	201,017	7,227	3.60%
3	189,008	201,017	-12,009	-5.97%
4	190,429	201,017	-10,588	-5.27%
5	208,584	201,017	7,567	3.76%
6	190,397	201,017	-10,620	-5.28%
7	218,062	201,017	17,045	8.48%
8	205,046	201,017	4,029	2.00%
	1,608,139			

# 2010 & 2020 - PL94-171 Census Data - Gain - **162,507 - 11.2%**

RACE/ ETHNICITY	2020				2010				2020/2010			
	Total Pop	% Total	Voting Age	% Voting	Total Pop	% Total	Voting Age	% Voting	Diff Total	Diff %	Diff VAP	Diff %
HISPANIC	661,574	41.14%	442,707	36.66%	589,877	40.80%	359,820	34.69%	71,697	0.34%	82,887	1.97%
NH WHITE	671,751	41.77%	565,501	46.83%	672,573	46.52%	549,357	52.96%	-822	-4.75%	16,144	-6.13%
NH BLACK	118,527	7.37%	86,300	7.15%	86,788	6.00%	61,650	5.94%	31,739	1.37%	24,650	1.20%
NH NATIVE	25,833	1.61%	19,414	1.61%	23,327	1.61%	16,690	1.61%	2,506	-0.01%	2,724	0.00%
ASIAN	63,996	3.98%	49,970	4.14%	43,894	3.04%	33,723	3.25%	20,102	0.94%	16,247	0.89%
HAWAIIAN PI	3,161	0.20%	2,248	0.19%	2,055	0.14%	1,486	0.14%	1,106	0.05%	762	0.04%
OTHER	8,025	0.50%	5,776	0.48%	2,242	0.16%	1,422	0.14%	5,783	0.34%	4,354	0.34%
MIXED 2+	55,272	3.44%	35,742	2.96%	24,876	1.72%	13,143	1.27%	30,396	1.72%	22,599	1.69%
Totals	<b>1,608,139</b>	100.00%	<b>1,207,658</b>	100.00%	<b>1,445,632</b>	100.00%	<b>1,037,291</b>	100.00%	<b>162,507</b>		<b>170,367</b>	
Voting Age %			75.10%				71.75%					

# Growth by District

Districts	2010	2020	Diff
1	181,996	198,369	16,373
2	179,263	208,244	28,981
3	176,902	189,008	12,106
4	179,365	190,429	11,064
5	181,598	208,584	26,986
6	178,698	190,397	11,699
7	185,474	218,062	32,588
8	182,336	205,046	22,710
	1,445,632	1,608,139	162,507



# Overall District Statistics

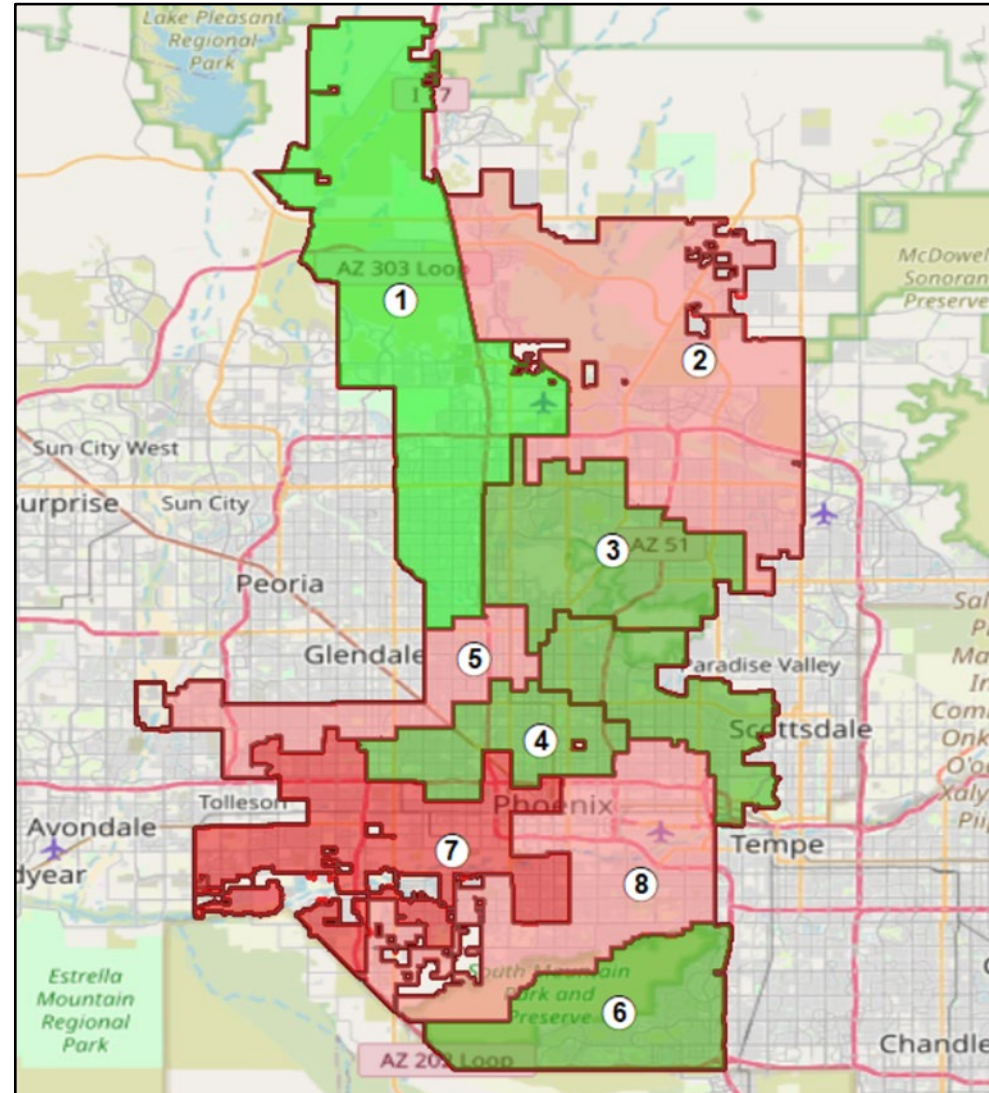
Total Population is 1,608,139

Ideal Population for each district is 201,017

District	Total Population	Ideal	Deviation	Deviation %
1	198,369	201,017	-2,648	-1.32%
2	208,244	201,017	7,227	3.60%
3	189,008	201,017	-12,009	-5.97%
4	190,429	201,017	-10,588	-5.27%
5	208,584	201,017	7,567	3.76%
6	190,397	201,017	-10,620	-5.28%
7	218,062	201,017	17,045	8.48%
8	205,046	201,017	4,029	2.00%
<b>Total Pop</b>	<b>1,608,139</b>			

Districts 3, 4, 6 and 7 have a deviation greater than 5%

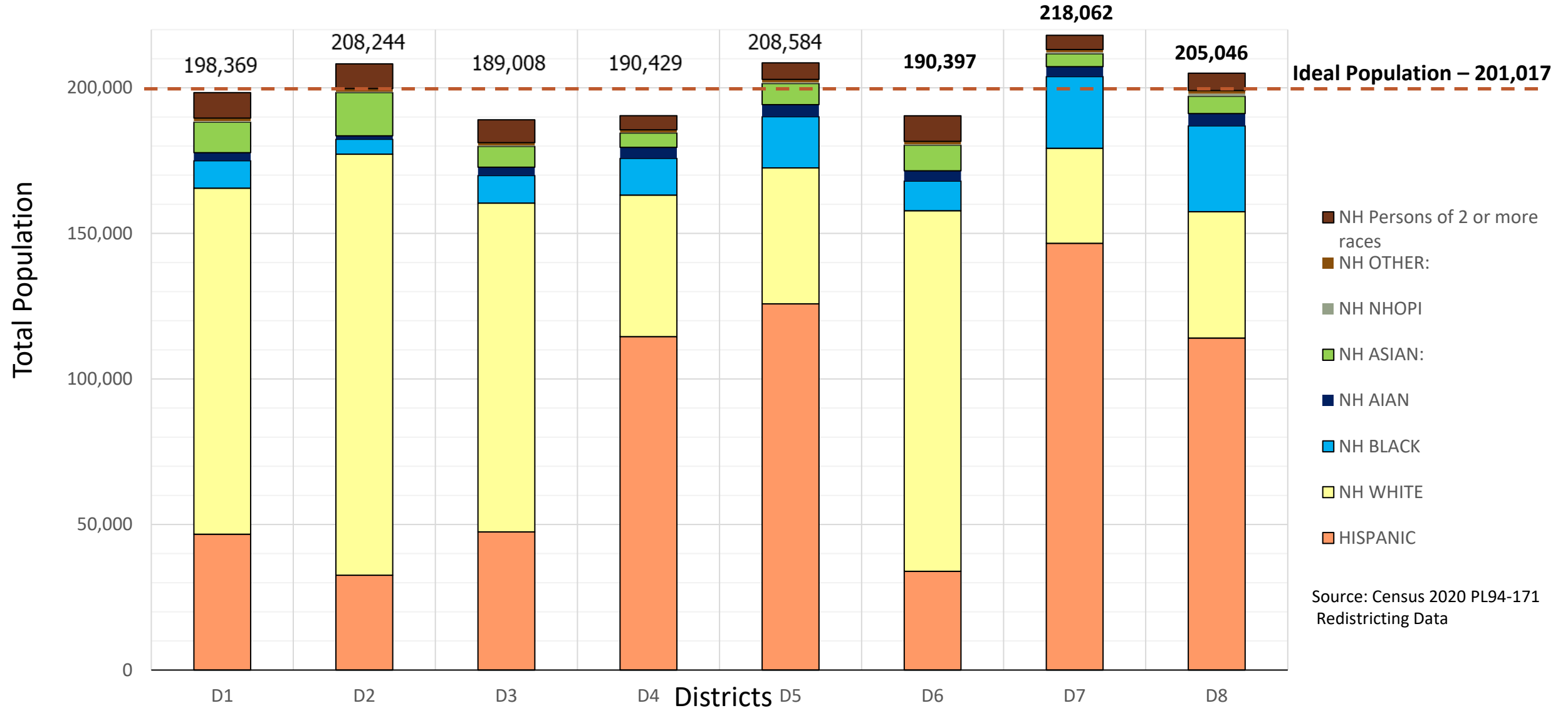
Green districts have less population and red districts have more population as compared to the ideal population.



Comparison with ideal population

- >5% Below
- <5% Below
- None
- <5% Above
- >5% Above

# City of Phoenix – Total Population by Race and Ethnicity by City Council Districts



# Redistricting Requirements & Guidelines

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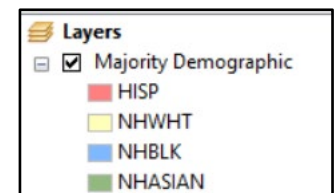
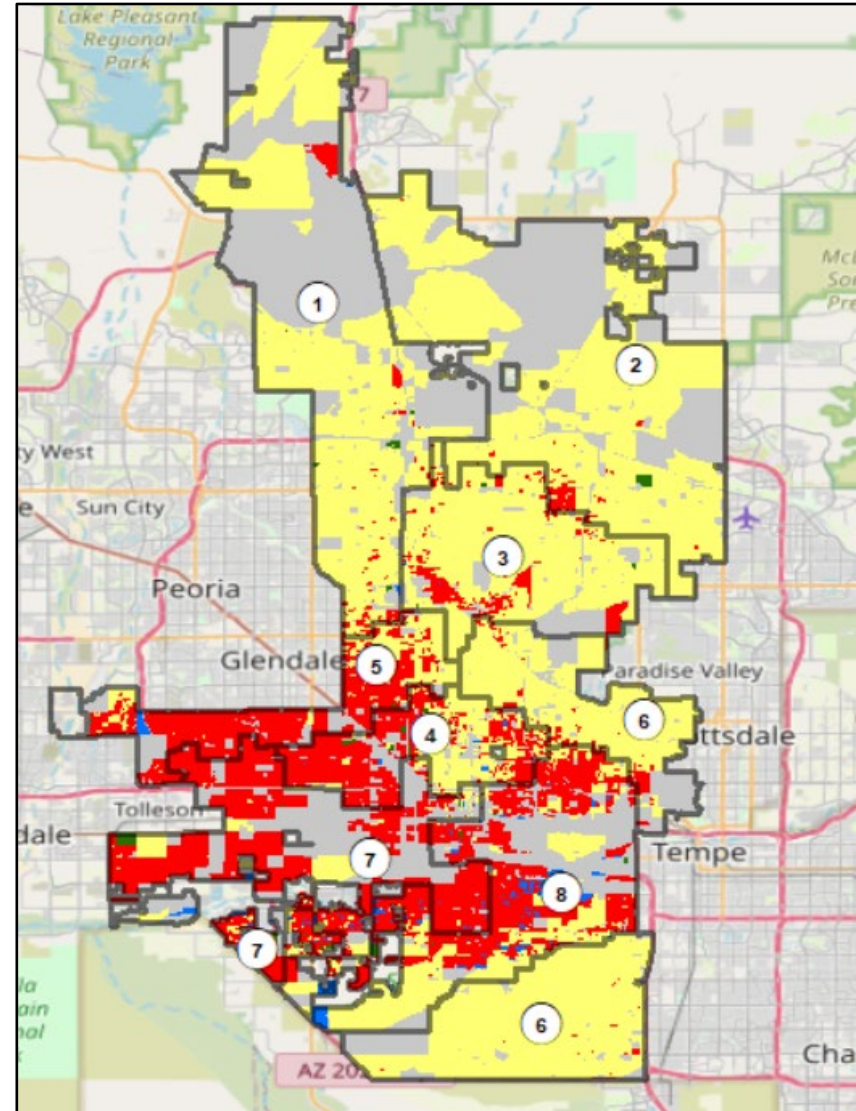
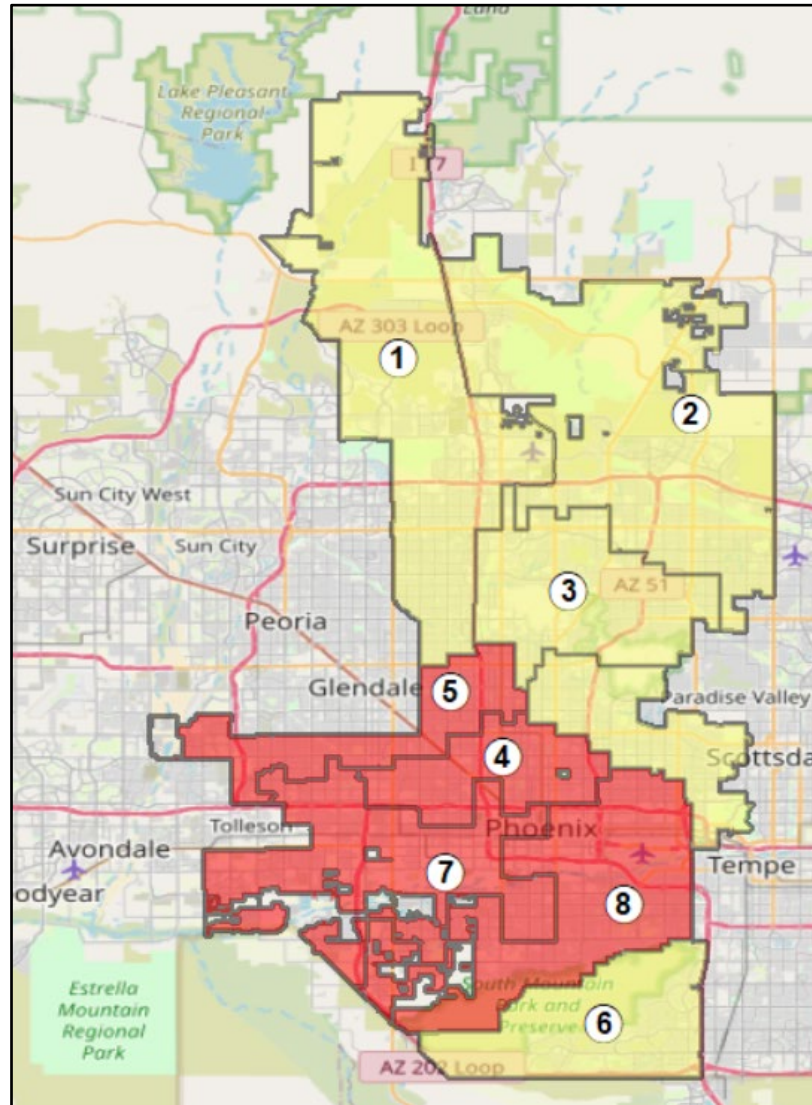
## Legal Requirements

- Equal Population - (Goal: Max deviation < 5%; and <1% for individual districts)
- Voting Rights Act compliance (preserve minority voting rights)

## Other Guidelines

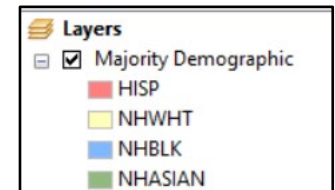
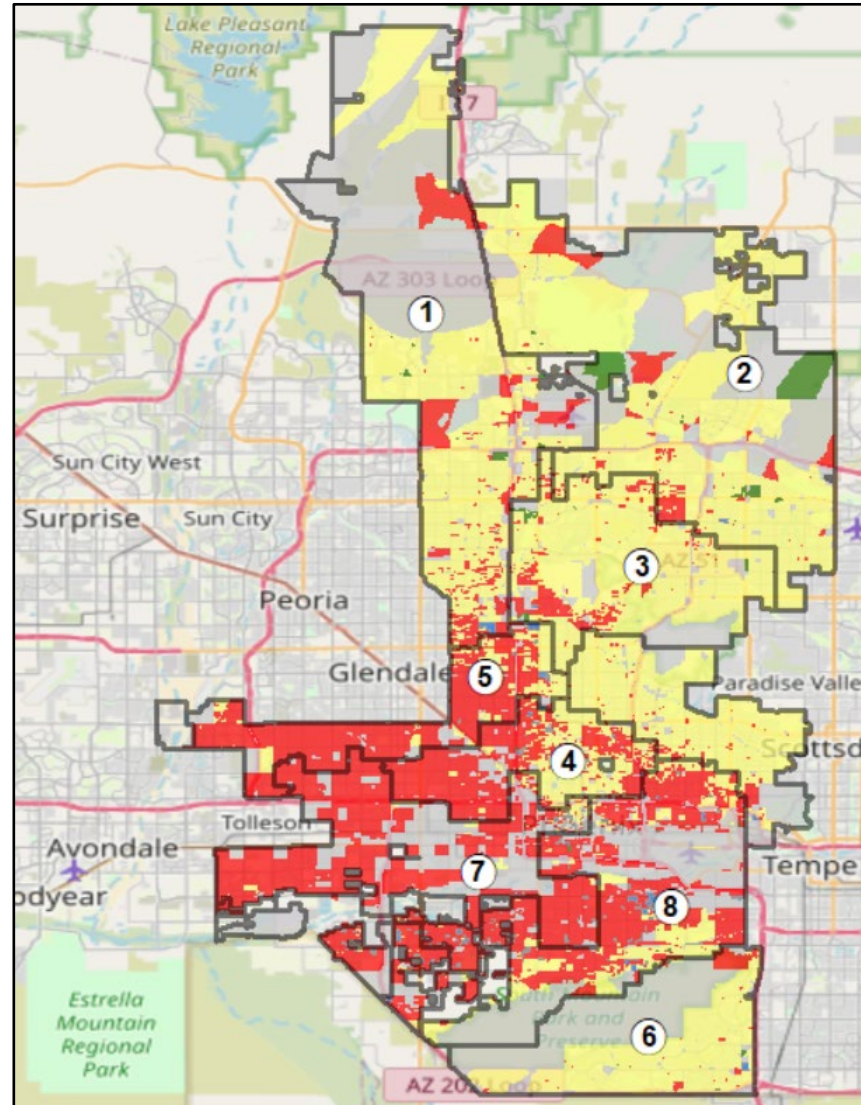
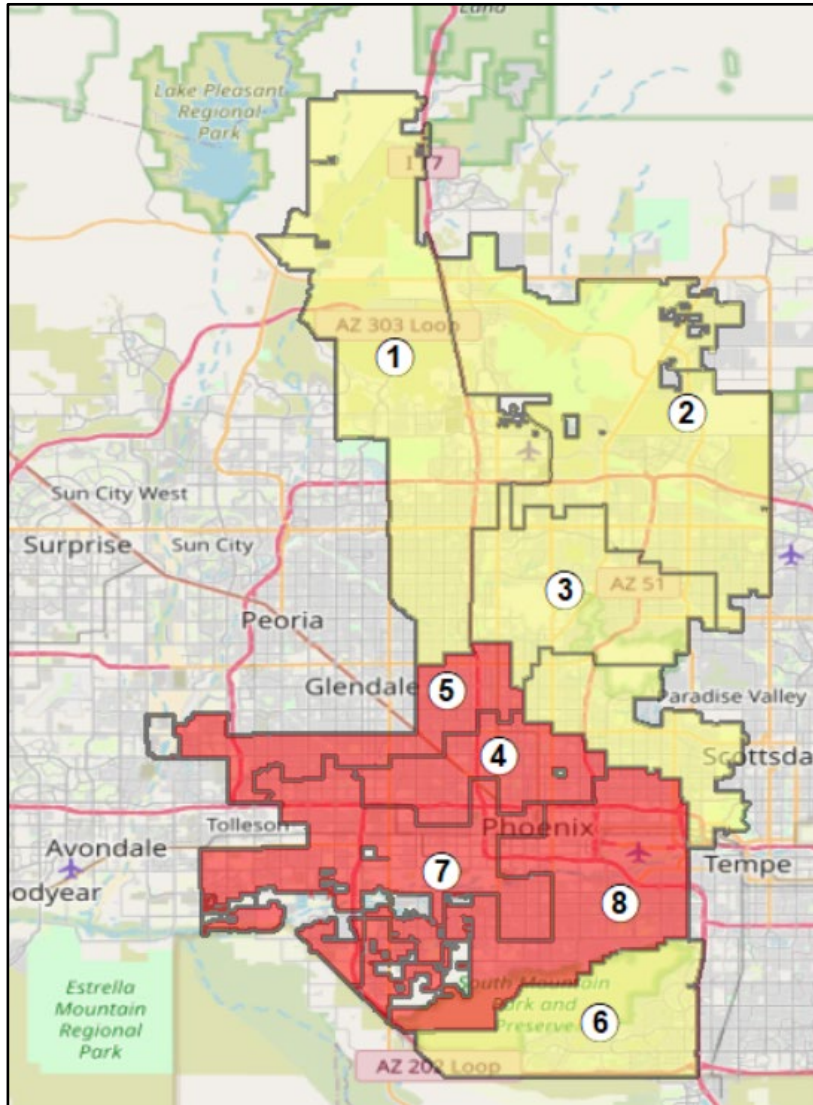
- Recognition of public preferences regarding communities of interest
- Geographic contiguity and compactness
- Preservation of core of current districts
- Continuity of representation
- Preservation of political subdivisions

# Majority Districts - 2010





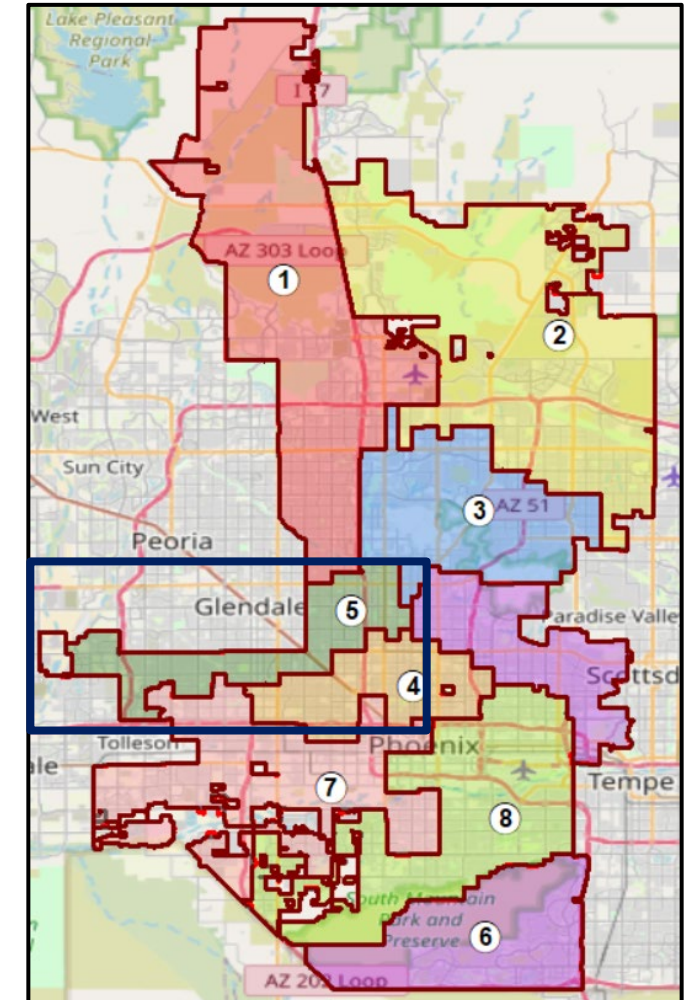
# Majority Districts - 2020



# District 5 Data - Gain of 26,986

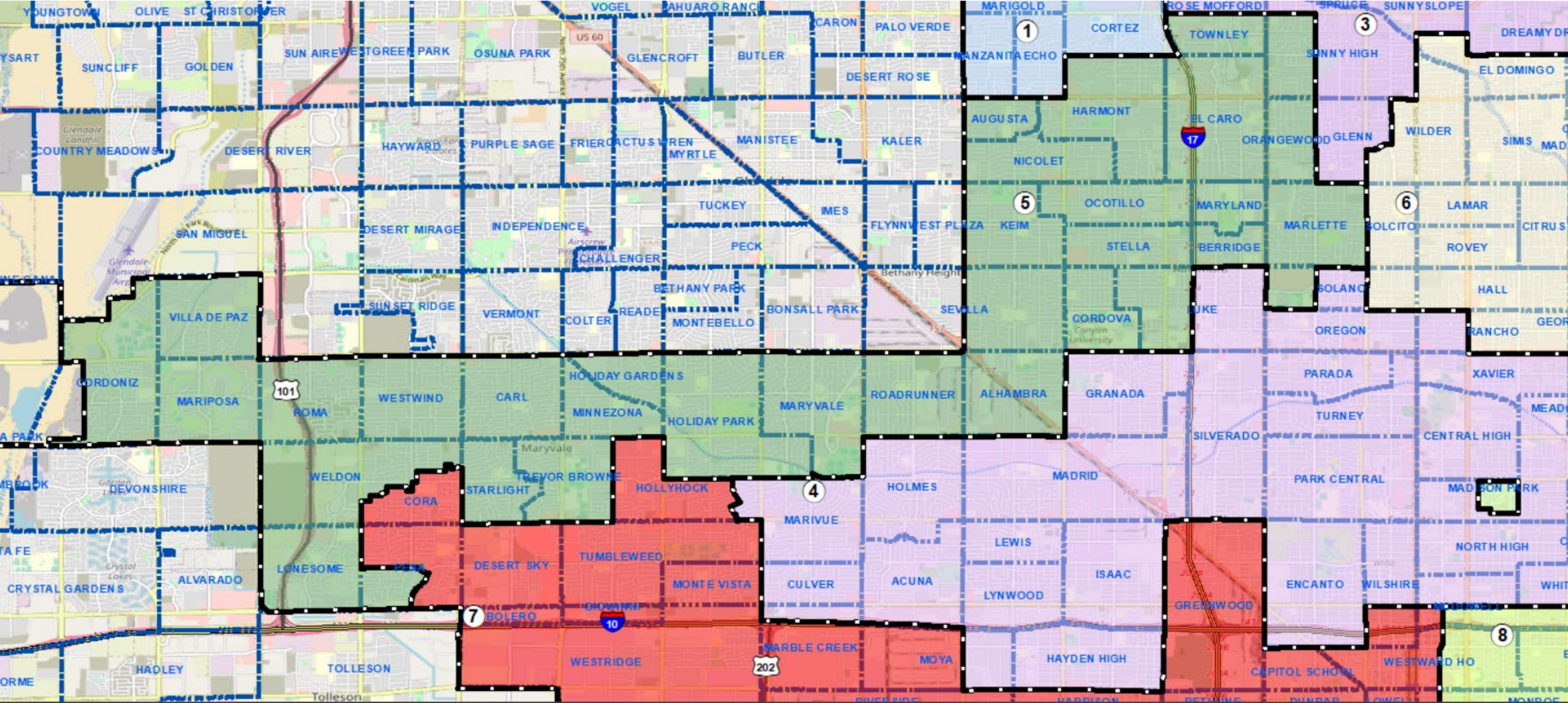
	Total Pop	Ideal Population	Deviation	% Deviation
<b>2010</b>	181,598	180,704	894	0.49%
<b>2020</b>	208,584	201,017	7,567	3.76%
<b>Difference</b>	26,986	20,313		

Race/Ethnicity	2010 – Total Population		2010 – Total Voting Age Population		2020 Total Population		2020 – Total Voting Age Population	
	Count	%	Count	%	Count	%	Count	%
HISPANIC	106,238	58.50%	62,627	51.33%	125,810	60.32%	83,058	55.70%
NH WHITE	51,709	28.47%	43,325	35.51%	46,700	22.39%	40,178	26.95%
NH BLACK	11,725	6.46%	8,085	6.63%	17,582	8.43%	12,584	8.44%
NH NATIVE	3,770	2.08%	2,536	2.08%	4,139	1.98%	3,143	2.11%
NH ASIAN	4,634	2.55%	3,458	2.83%	7,278	3.49%	5,436	3.65%
NH HAWAIIAN PI	216	0.12%	164	0.13%	373	0.18%	286	0.19%
NH OTHER	264	0.15%	155	0.13%	1,005	0.48%	692	0.46%
NH MIXED 2+	3,042	1.68%	1,665	1.36%	5,697	2.73%	3,732	2.50%
<b>Total</b>	<b>181,598</b>	<b>100.00%</b>	<b>122,015</b>	<b>100.00%</b>	<b>208,584</b>	<b>100.00%</b>	<b>149,109</b>	<b>100.00%</b>
Voting Age %			67.19%				71.49%	





# District 5 & neighboring districts



# Plan A

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WITH SUGGESTED EDITS

# Current Districts and Revised Plan A (6/16/23)

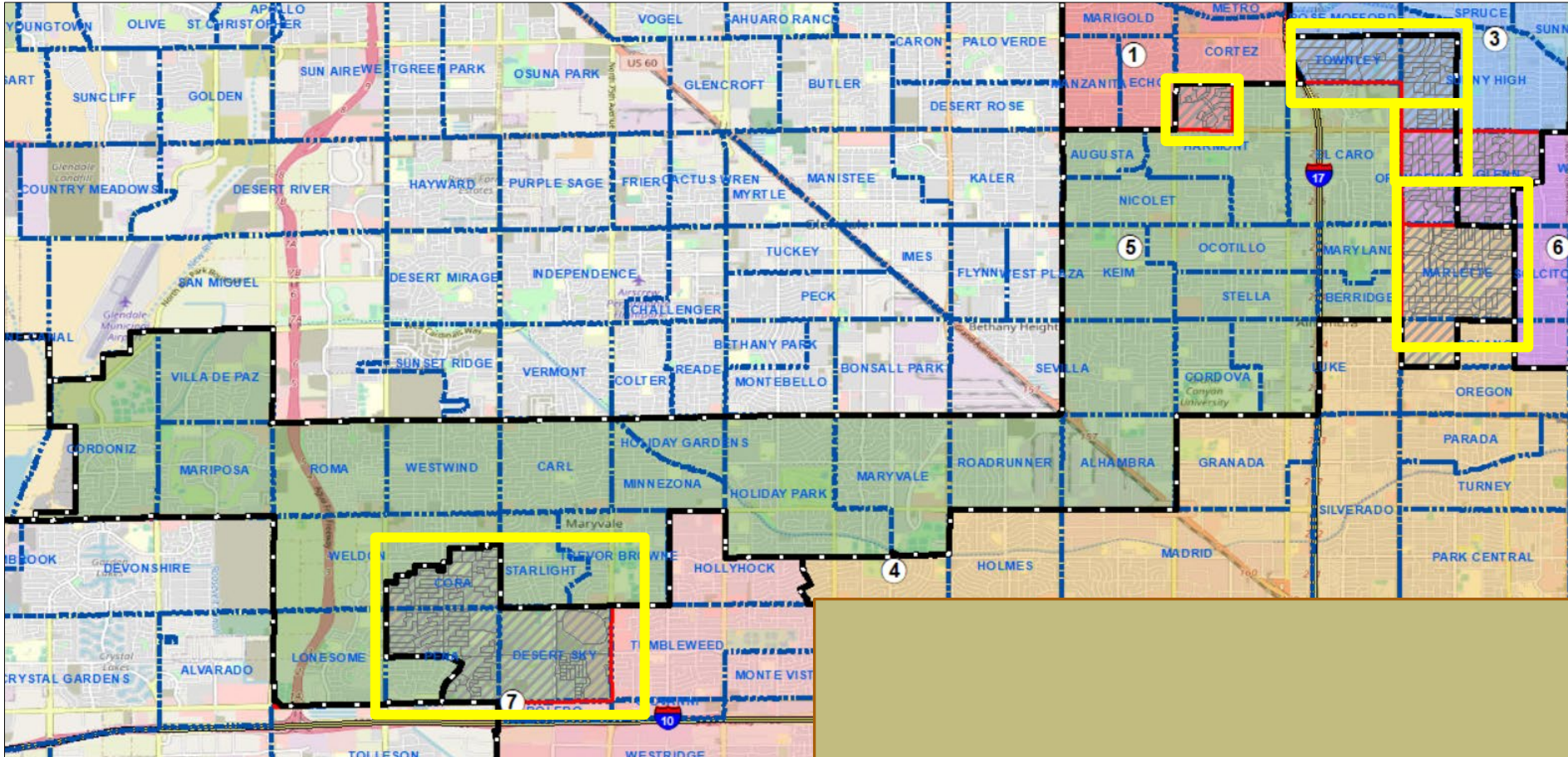
Current Districts – Max Dev 14.45%				
District	Total Population	Ideal	Deviation	Deviation %
1	198,369	201,017	-2,648	-1.32%
2	208,244	201,017	7,227	3.60%
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5	208,584	201,017	7,567	3.76%
6	190,397	201,017	-10,620	-5.28%
7	218,062	201,017	17,045	8.48%
8	205,046	201,017	4,029	2.00%
Total	1,608,139			

Revised Plan A - Max Dev 1.38%				
District	Total Population	Ideal	Deviation	Deviation %
1	202,172	201,017	1,155	0.57%
2	200,008	201,017	-1,009	-0.50%
3	199,953	201,017	-1,064	-0.53%
4	200,530	201,017	-487	-0.24%
5	202,725	201,017	1,708	0.85%
6	200,795	201,017	-222	-0.11%
7	201,964	201,017	947	0.47%
8	199,992	201,017	-1,025	-0.51%
Total	1,608,139			

# District 5 Changes

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# Plan A - District 5 Changes



D5-D1 Changes  
Part of Harmont

D5-D3  
Townley and part of  
Sunny High

D5-D4  
Part of Solano & Marlette

D7-D5  
Cora, Pena and Desert Sky

D5-D6  
Orangewood

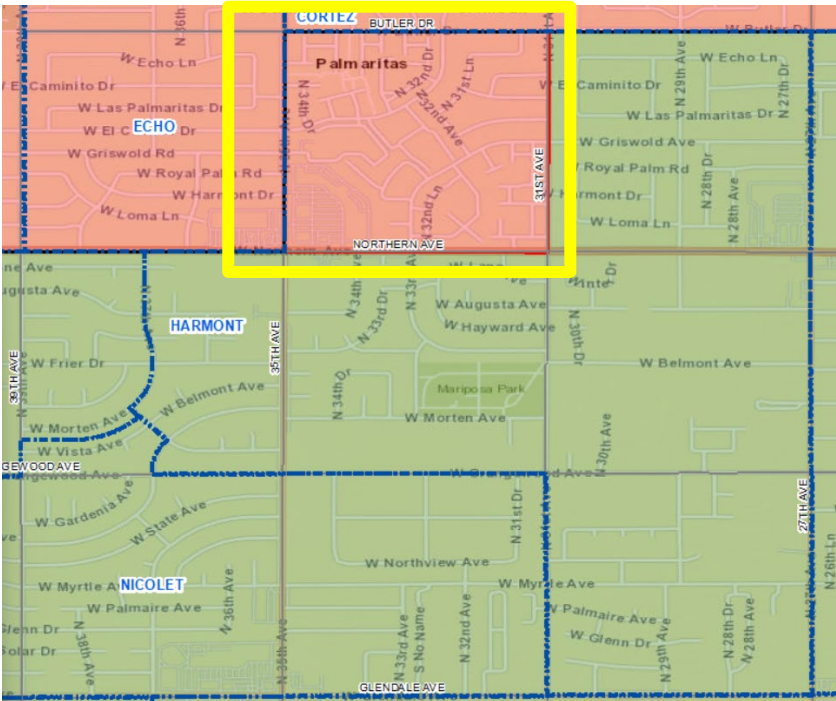
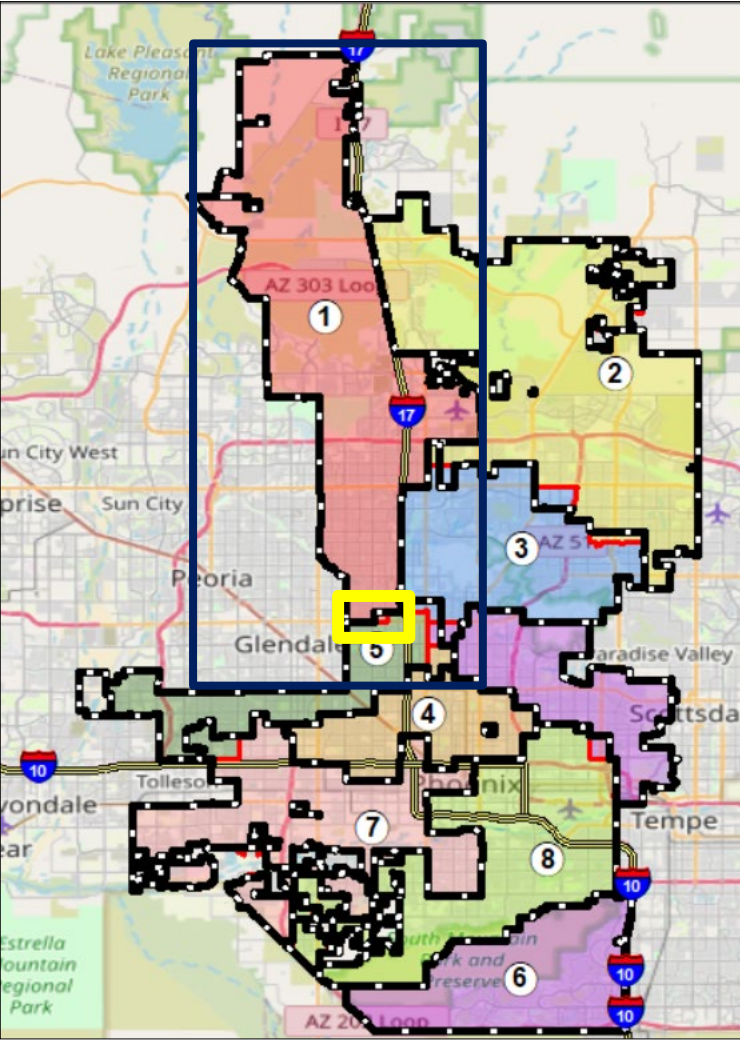


# Summary of Changes – District 5

District	Change	Change Description by Precinct
5	D5-D4	<ul style="list-style-type: none"> <li>Solano Precinct was split between D5 and D4</li> <li>Now Solano Precinct is fully in D4</li> </ul>
	D5 -D4	<ul style="list-style-type: none"> <li>Marlette Precinct now in D4</li> </ul>
	D5-D1	<ul style="list-style-type: none"> <li>Part of Harmont Precinct assigned to D1</li> </ul>
	D5-D3	<ul style="list-style-type: none"> <li>Townley now in D3</li> </ul>
	D5-D3	<ul style="list-style-type: none"> <li>Sunny High was split and now fully in D3</li> </ul>
	D5 -D6	<ul style="list-style-type: none"> <li>Orangewood Precinct now assigned to D6</li> </ul>
	D7-D5	<ul style="list-style-type: none"> <li>Cora assigned to D5 from D7</li> </ul>
	D7-D5	<ul style="list-style-type: none"> <li>Desert Sky now assigned to D5 from D7</li> </ul>
	D7-D5	<ul style="list-style-type: none"> <li>Pena precinct was split between D7 and D5 and now fully in D5</li> </ul>

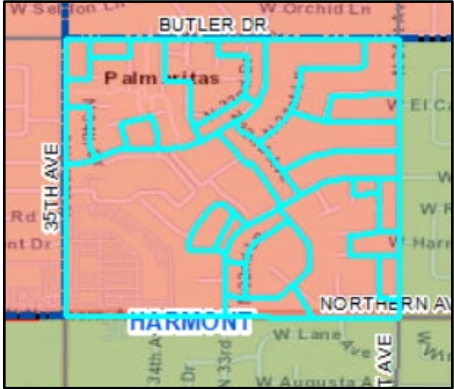
District	Total	Ideal	Deviation	Deviation%
Current D5	<b>208,584</b>	<b>201,017</b>	<b>7,567</b>	<b>3.76%</b>
Plan A – D5	<b>202,725</b>	<b>201,017</b>	<b>1,708</b>	<b>0.85%</b>

# Plan A - District 5 - D5 to D1 - Harmont



Total Selected: 3,803  
Info:

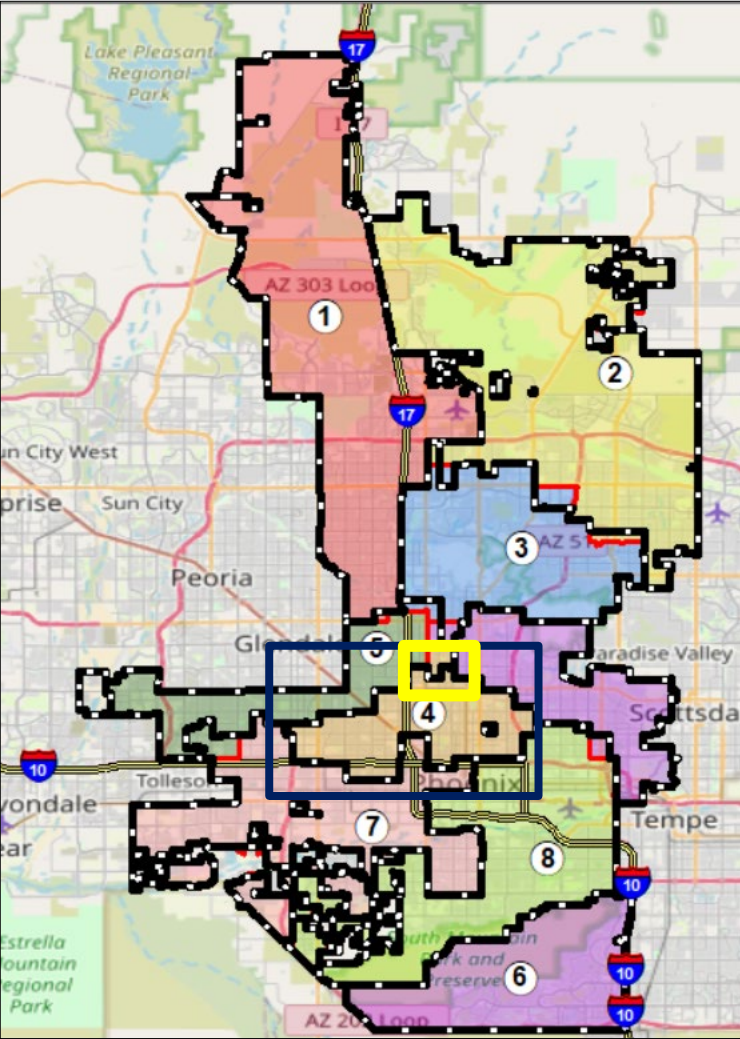
HISP:	1,378
NHWHT:	1,325
NHBLK:	657
NHAIAN:	97
NHASIAN:	137
NHNHOPI:	00
NHOTHER:	24
NHP2MRCE:	185
HISP18:	915
NHWHT18:	1,061
NHBLK18:	475



This area is bounded on the north by Butler Dr. on the North, Northern Ave on the South, 31<sup>st</sup> Ave on the East and 35<sup>th</sup> Ave on the West

Harmont Precinct is split

# Plan A - District 5 - D5 to D4 - Solano



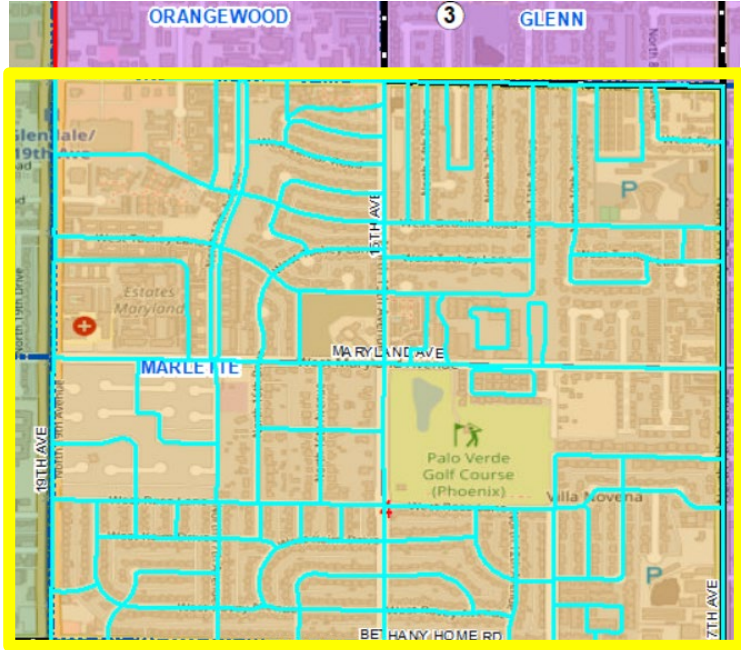
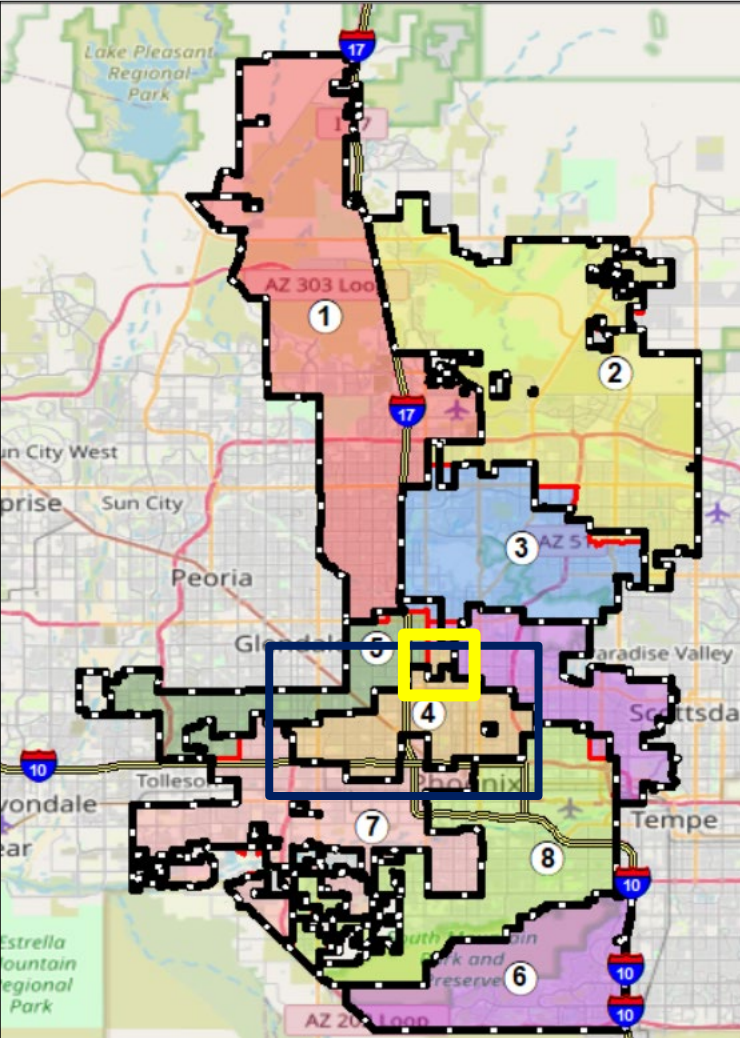
Total Selected: 883  
Info:

HISP:	209
NHWHT:	182
NHBLK:	285
NHAIAN:	48
NHASIAN:	95
NHNHOPI:	04
NHOTHER:	06
NHP2MRCE:	54
HISP18:	148
NHWHT18:	171
NHBLK18:	199

This area is bounded on the north by Bethany Home Rd, on the South by Missouri Ave, 15<sup>th</sup> Ave on the East, and 19<sup>th</sup> Ave on the West. This includes Christown Mall

Solano now fully in D4

# Plan A - District 4 – D5 to D4 – Marlette



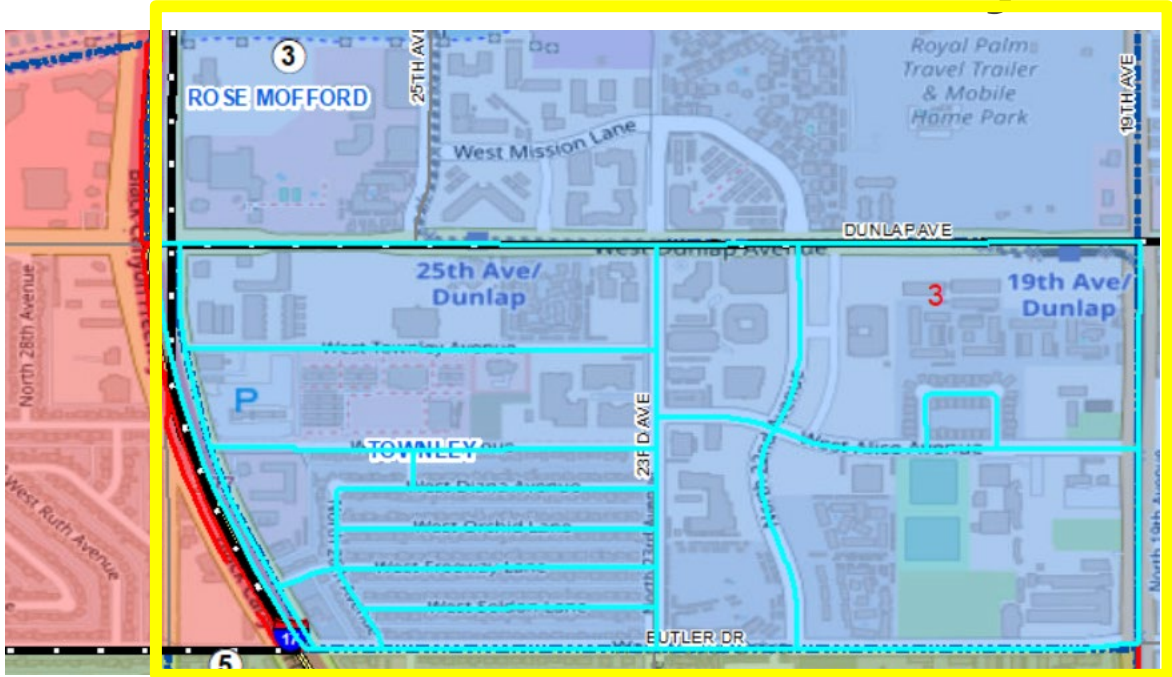
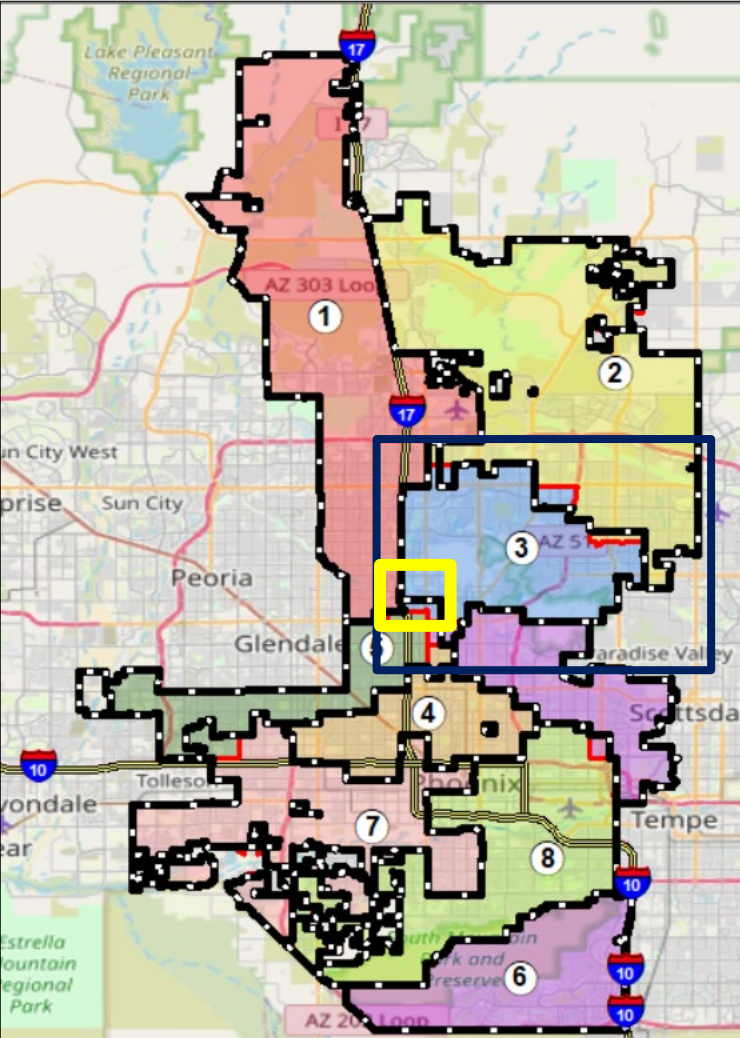
Total Selected: 8,067  
Info:

HISP:	1,993
NHWHT:	3,503
NHBLK:	1,294
NHAIAN:	293
NHASIAN:	504
NHNHOPI:	11
NHOTHER:	58
NHP2MRCE:	411
HISP18:	1,405
NHWHT18:	3,049
NHBLK18:	912

This area is bounded on the north by Glendale Ave, on the South by Bethany Home Dr, 7<sup>th</sup> Ave on the East, and 19<sup>th</sup> Ave on the West.

Marlette now in D4

# Plan A - District 5 - D5 to D3 - Townley



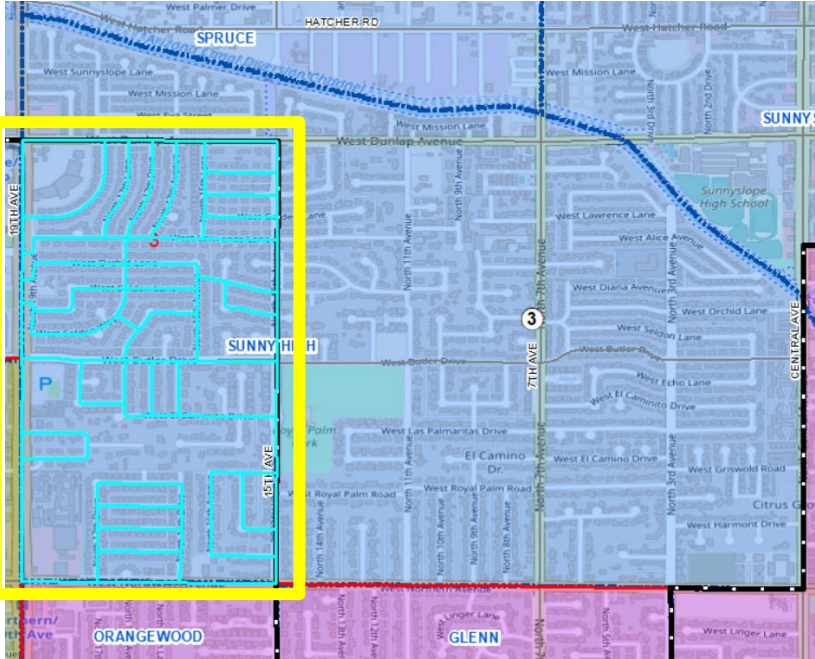
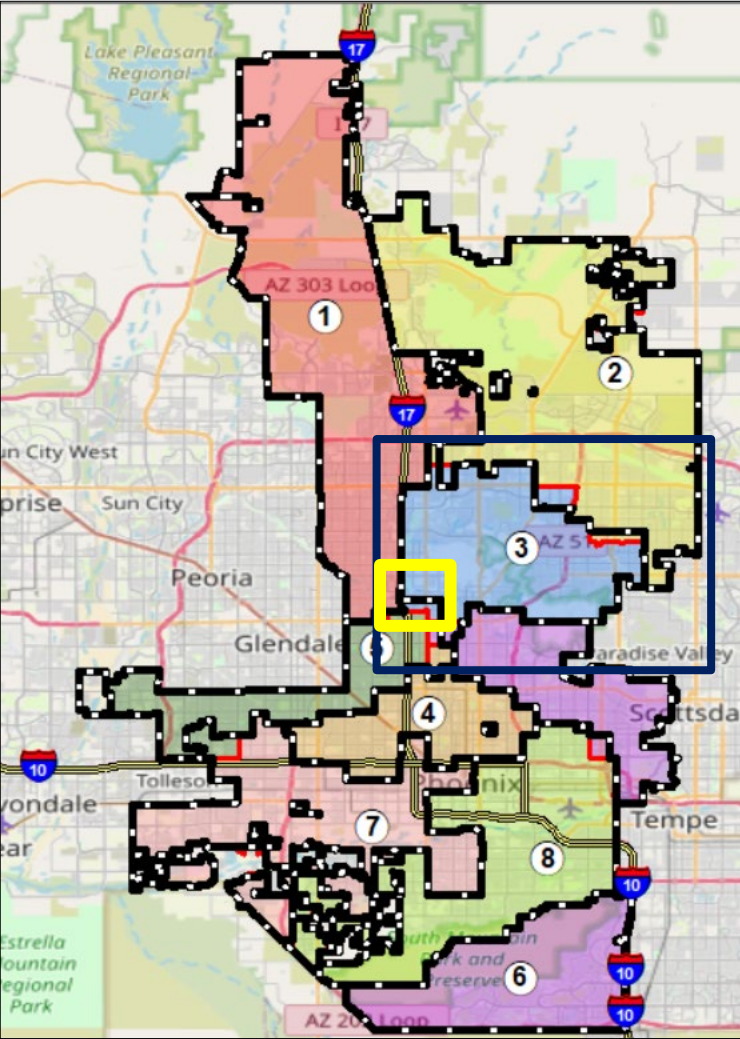
Total Selected: 3,104  
Info:

- HISP: 1,076
- NHWHT: 946
- NHBLK: 602
- NHAIAN: 222
- NHASIAN: 73
- NHNHOPI: 05
- NHOTHER: 14
- NHP2MRCE: 166
- HISP18: 730
- NHWHT18: 820
- NHBLK18: 454

This area is bounded on the north by Dunlap Ave, Butler Dr on the South, I-17 on the West and 19<sup>th</sup> Ave on the East

Townley in D3

# Plan A - District 5 - D5 to D3 - Sunny High

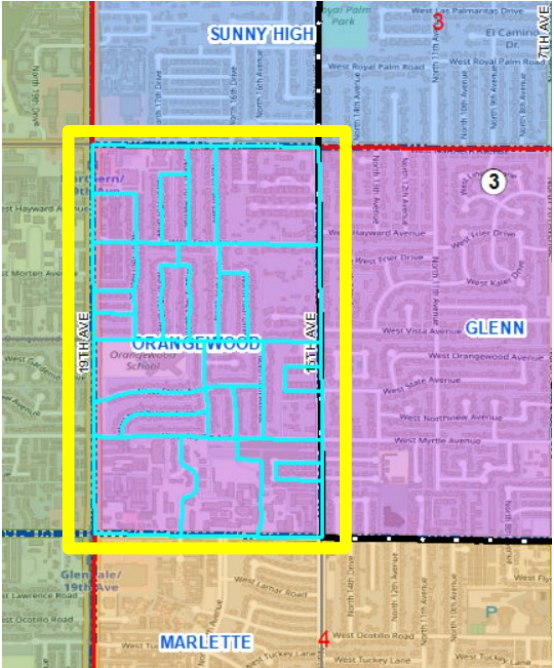
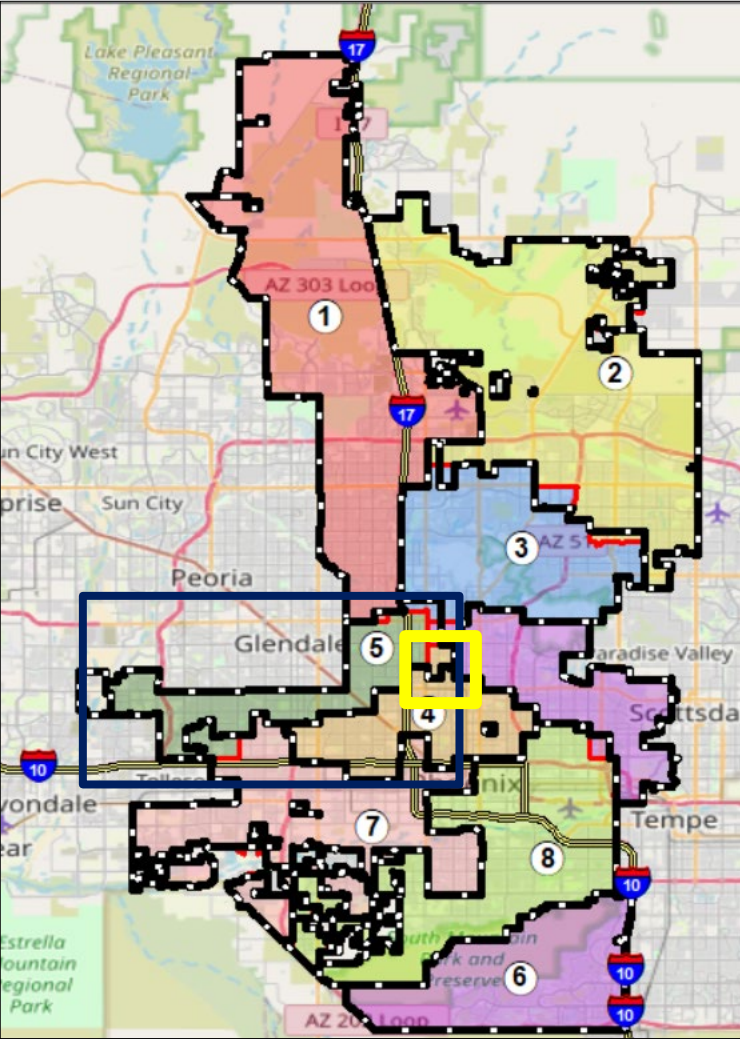


Total Selected: 2,318
Info:
HISP: 439
NHWHT: 1,510
NHBLK: 148
NHAIAN: 57
NHASIAN: 52
NHNHOPI: 01
NHOTHER: 18
NHP2MRCE: 93
HISP18: 312
NHWHT18: 1,184
NHBLK18: 114

This area is bounded on the north by Dunlap Ave, Northern Ave on the South, 19<sup>th</sup> Ave on the West and 15<sup>th</sup> Ave on the East

Sunny High now fully in D3

# Plan A - District 5 - D5 to D6 - Orangewood



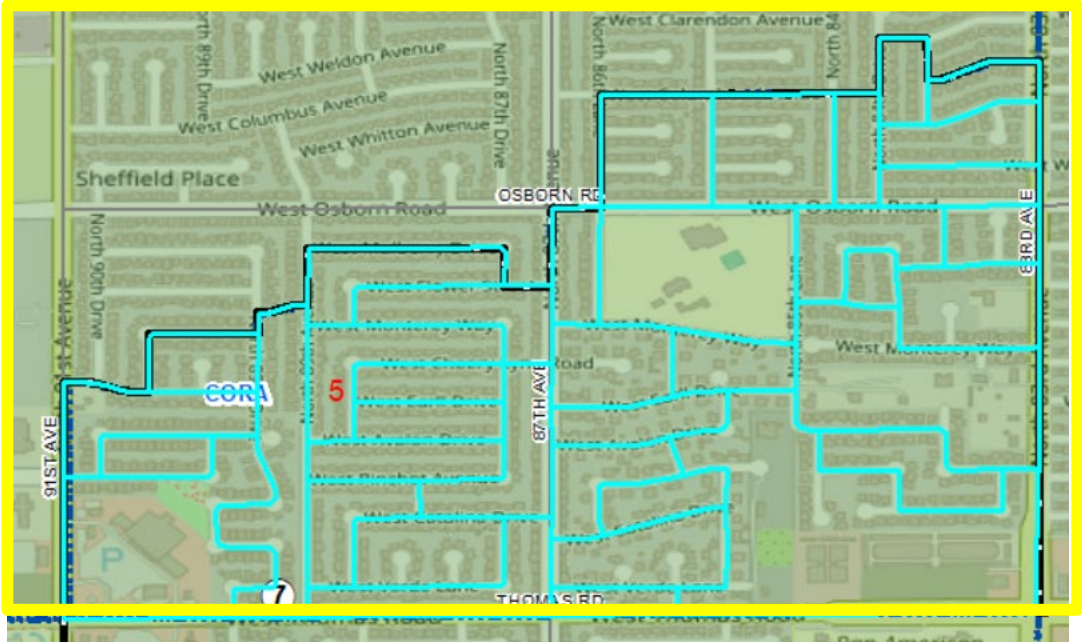
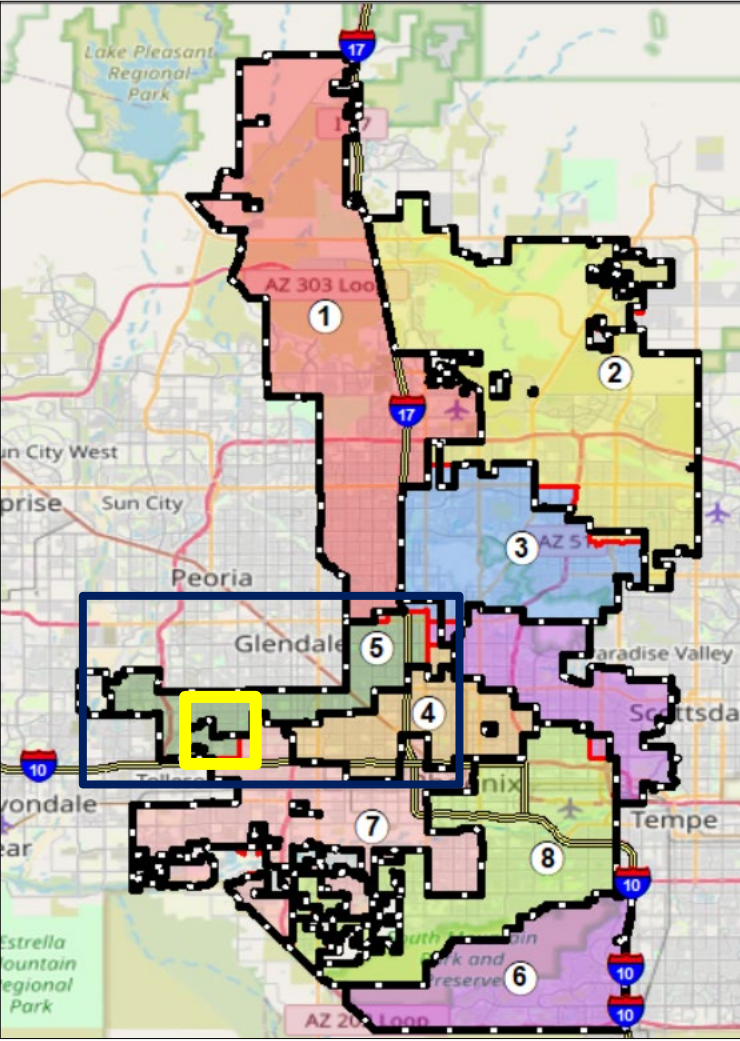
Total Selected: 3,600  
Info:

HISP:	752
NHWHT:	2,114
NHBLK:	405
NHAIAN:	114
NHASIAN:	68
NHNHOPI:	02
NHOTHER:	12
NHP2MRCE:	133
HISP18:	526
NHWHT18:	1,883
NHBLK18:	297

This area is bounded on the north by Northern Ave, on the South by Glendale Ave, 15<sup>th</sup> Ave on the East, and 19<sup>th</sup> Ave on the West.

Orangewood now in D6

# Plan A - District 5 - D7 to D5 - Cora



Total Selected: 4,147  
Info:

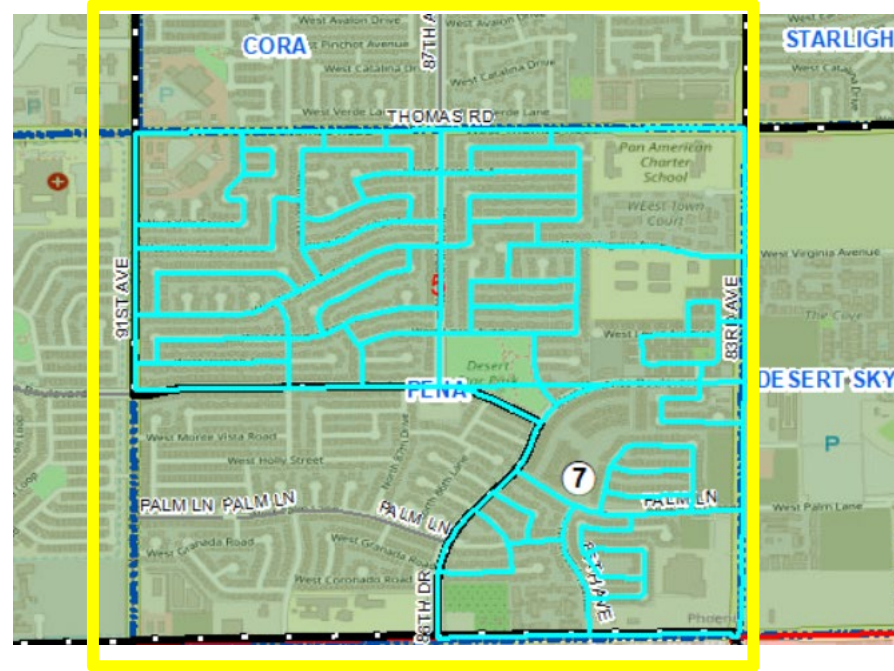
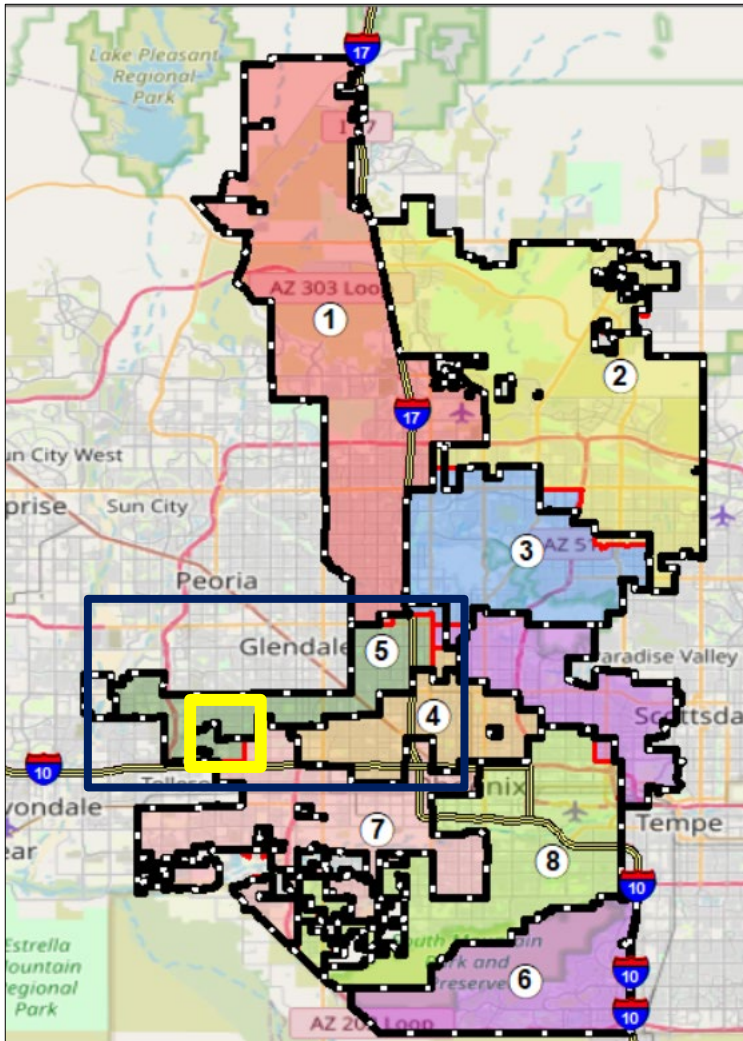
HISP:	3,379
NHWHT:	429
NHBLK:	167
NHAIAN:	63
NHASIAN:	42
NHNHOPI:	05
NHOTHER:	04
NHP2MRCE:	58
HISP18:	2,175
NHWHT18:	376
NHBLK18:	122

This area is bounded on the South by Thomas RD, 83<sup>rd</sup> Ave on the East, and 91<sup>st</sup> Ave on the West.

Cora now in D5



# Plan A - District 5 – D7 to D5 – Pena

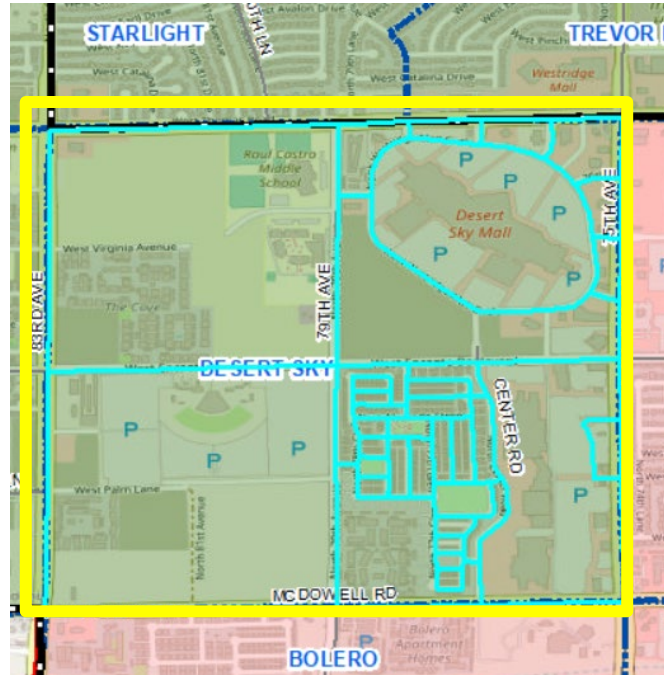
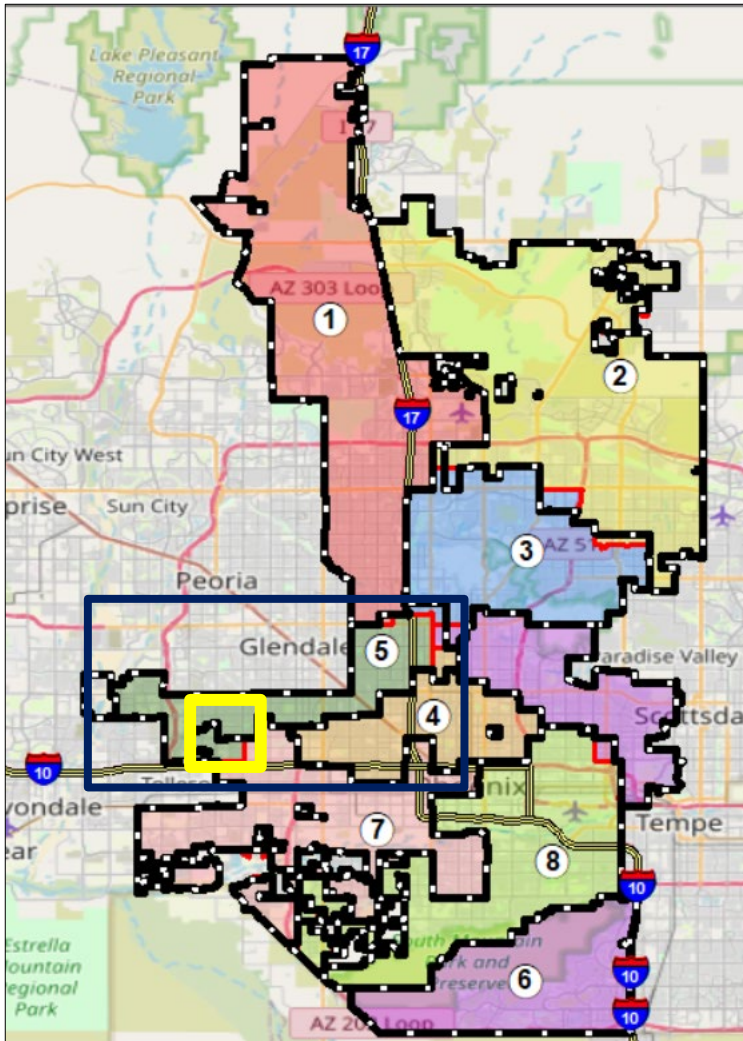


Total Selected: 7,020 Info:
HISP: 5,127
NHWHT: 836
NHBLK: 602
NHAIAN: 88
NHASIAN: 196
NHNHOPI: 24
NHOTHER: 26
NHP2MRCE: 121
HISP18: 3,418
NHWHT18: 678
NHBLK18: 426

This area is bounded on the North by Thomas RD, McDowell Rd on the South, 83<sup>rd</sup> Ave on the East, and 91<sup>st</sup> Ave on the West.

Pena now fully in D5

# Plan A - District 5 – D7 to D5 – Desert Sky



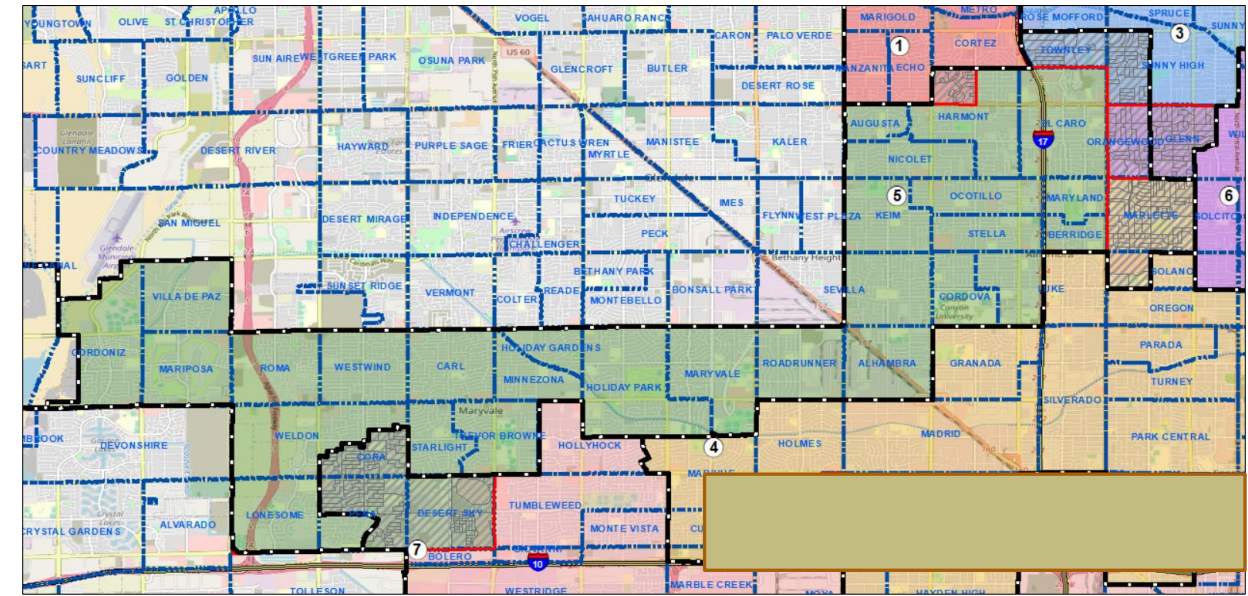
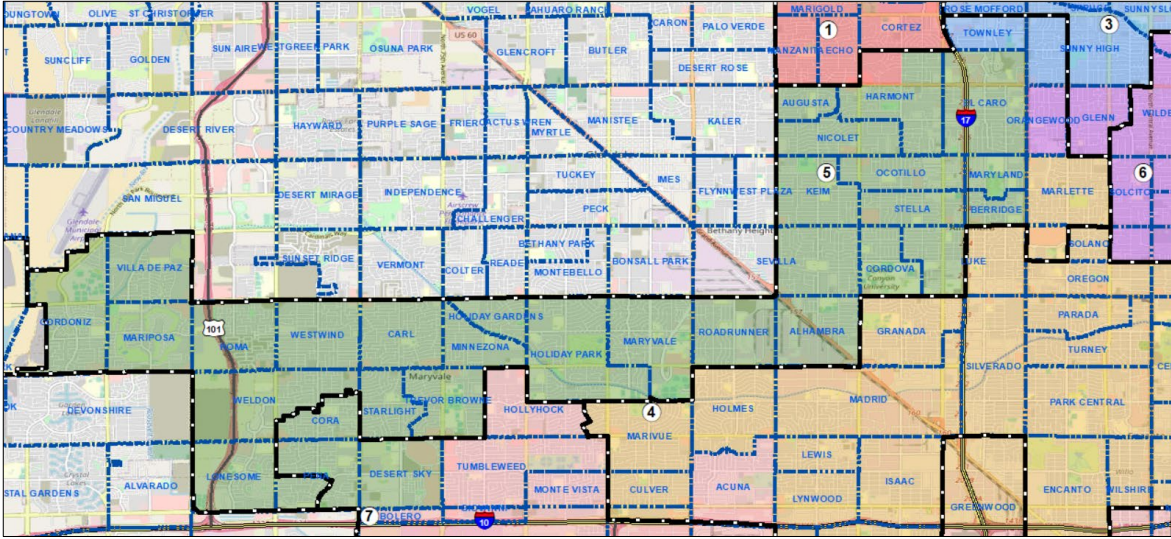
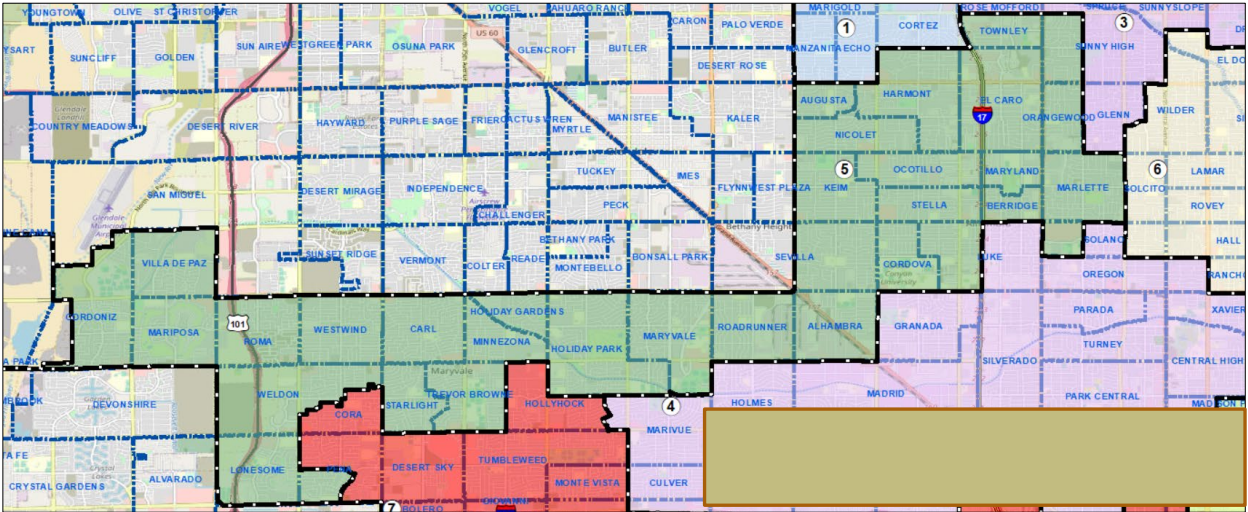
Total Selected: 4,666  
Info:

HISP:	2,435
NHWHT:	694
NHBLK:	1,029
NHAIAN:	120
NHASIAN:	161
NHNHOPI:	28
NHOTHER:	25
NHP2MRCE:	174
HISP18:	1,591
NHWHT18:	549
NHBLK18:	724

This area is bounded on the North by Thomas RD, McDowell Rd on the South, 83<sup>rd</sup> Ave on the West, and 75<sup>th</sup> Ave on the East.

Desert Sky Precinct in D5

# District 5 - current vs suggested



# Questions/Comments

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