



City of Phoenix

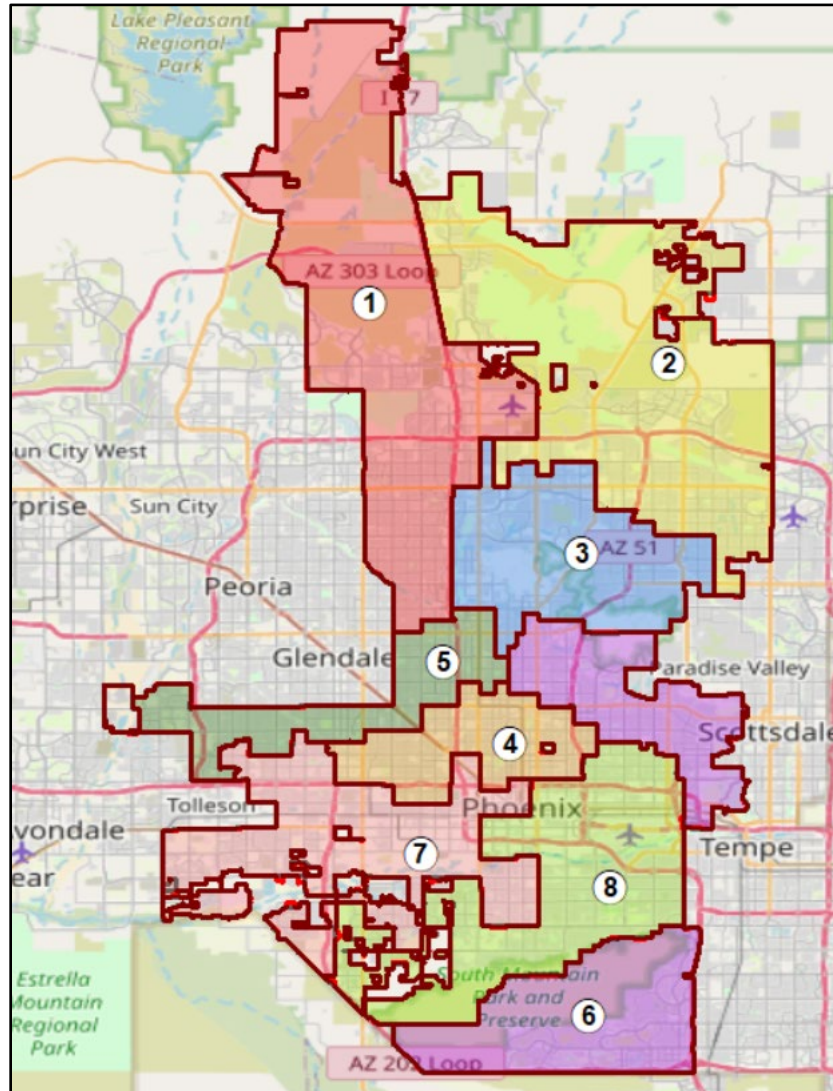
Redistricting 2023

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



ARCBridge Consulting & Training Inc
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			

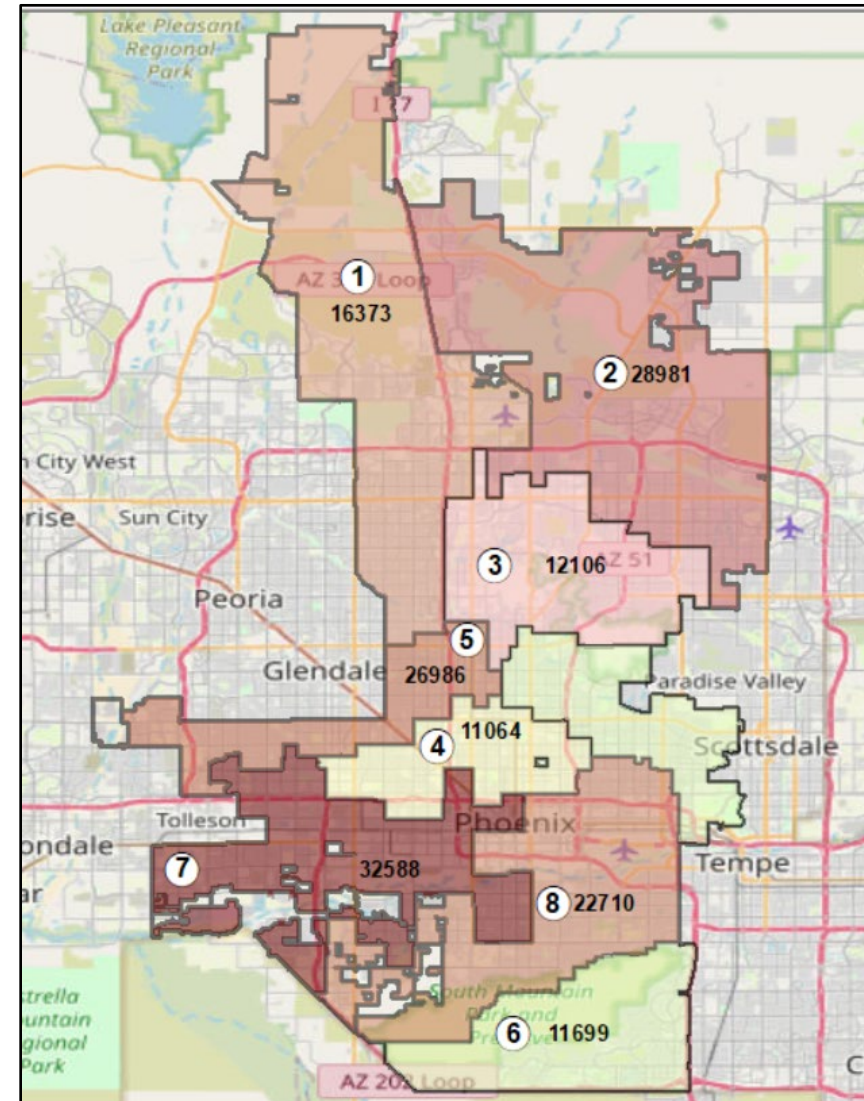
2020 Census Redistricting Data				
Max Deviation 14.45%				
	Total Pop	Ideal Pop	Deviation	Deviation %
1	198,369	201,017	-2,648	-1.32%
2	208,244	201,017	7,227	3.60%
3	189,008	201,017	-12,009	-5.97%
4	190,429	201,017	-10,588	-5.27%
5	208,584	201,017	7,567	3.76%
6	190,397	201,017	-10,620	-5.28%
7	218,062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

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	1,608,139	100.00%	1,207,658	100.00%	1,445,632	100.00%	1,037,291	100.00%	162,507		170,367	
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

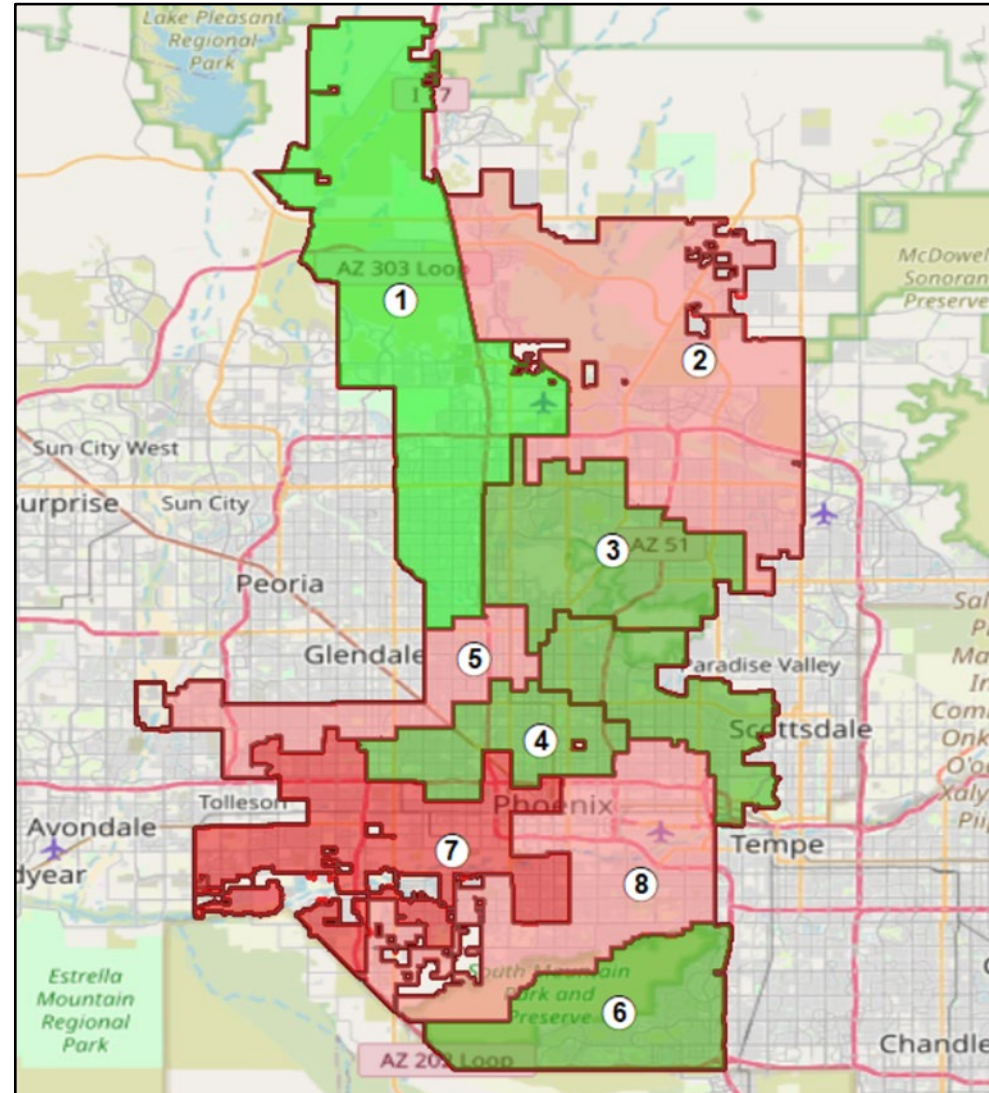
Total Population is 1,608,139

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%
Total Pop	1,608,139			

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

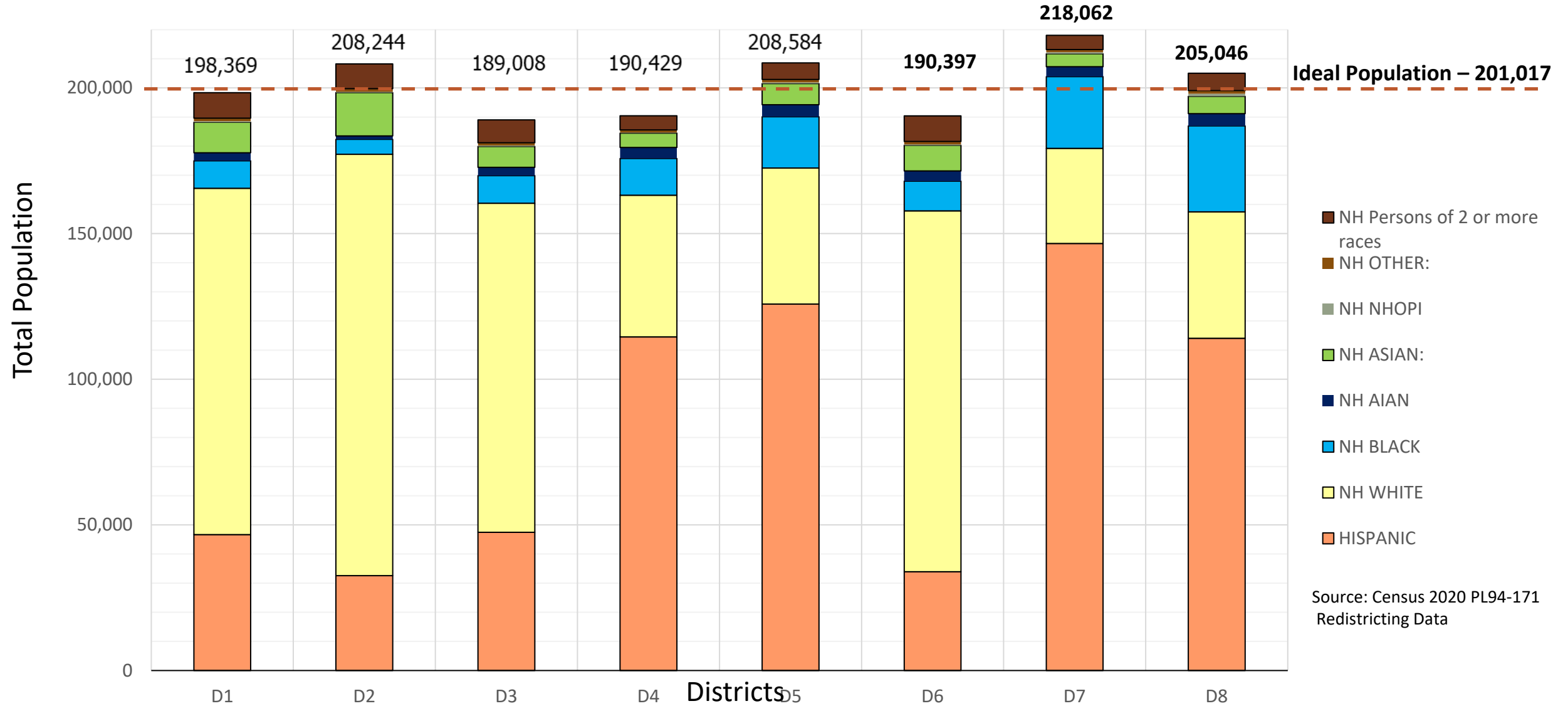
Green districts have less population and red districts have more population as compared to the ideal population.



Comparison with ideal population



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



Redistricting Requirements & Guidelines

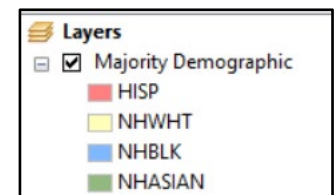
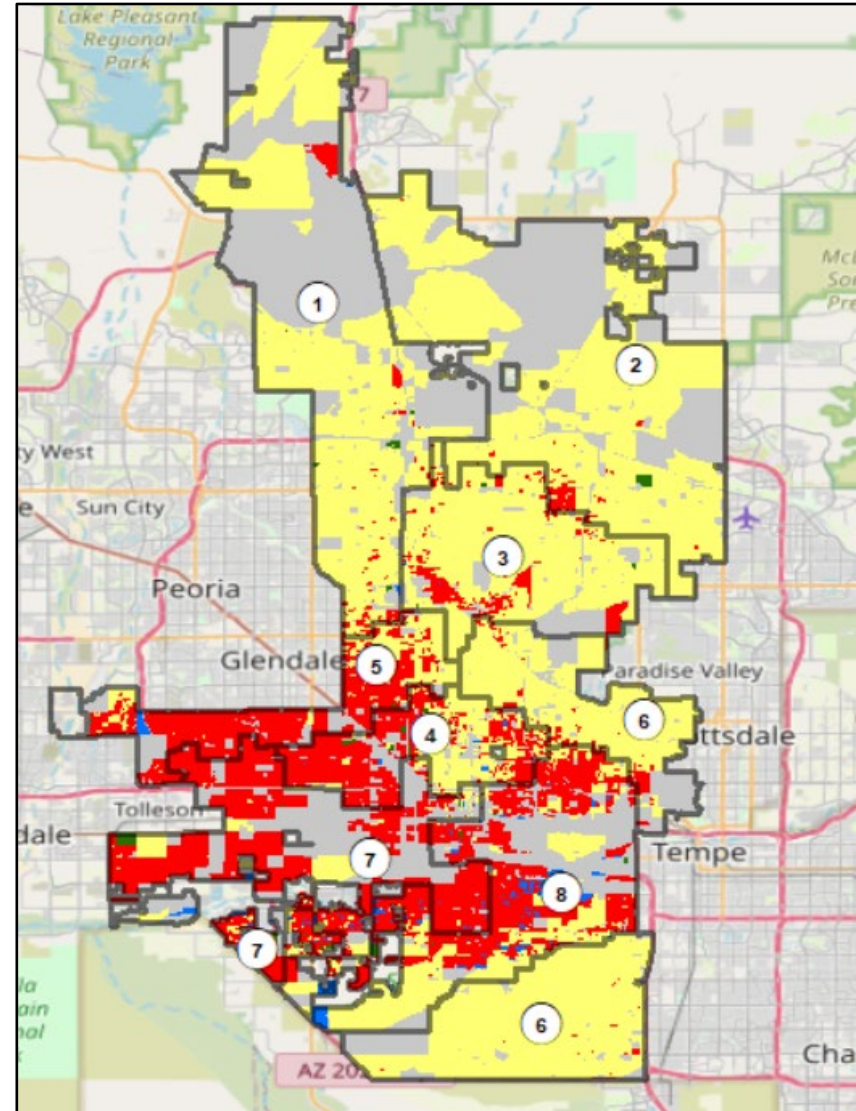
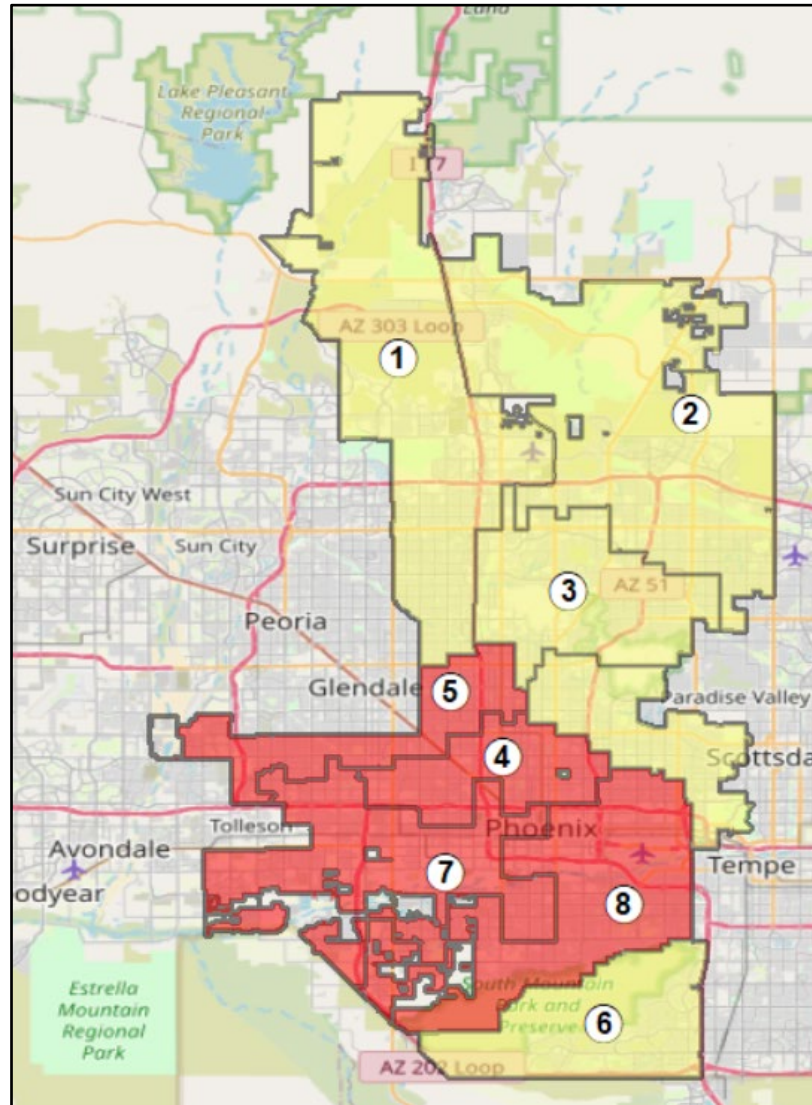
Legal Requirements

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

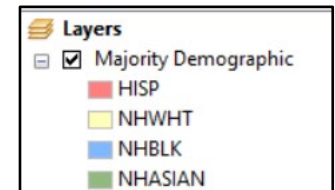
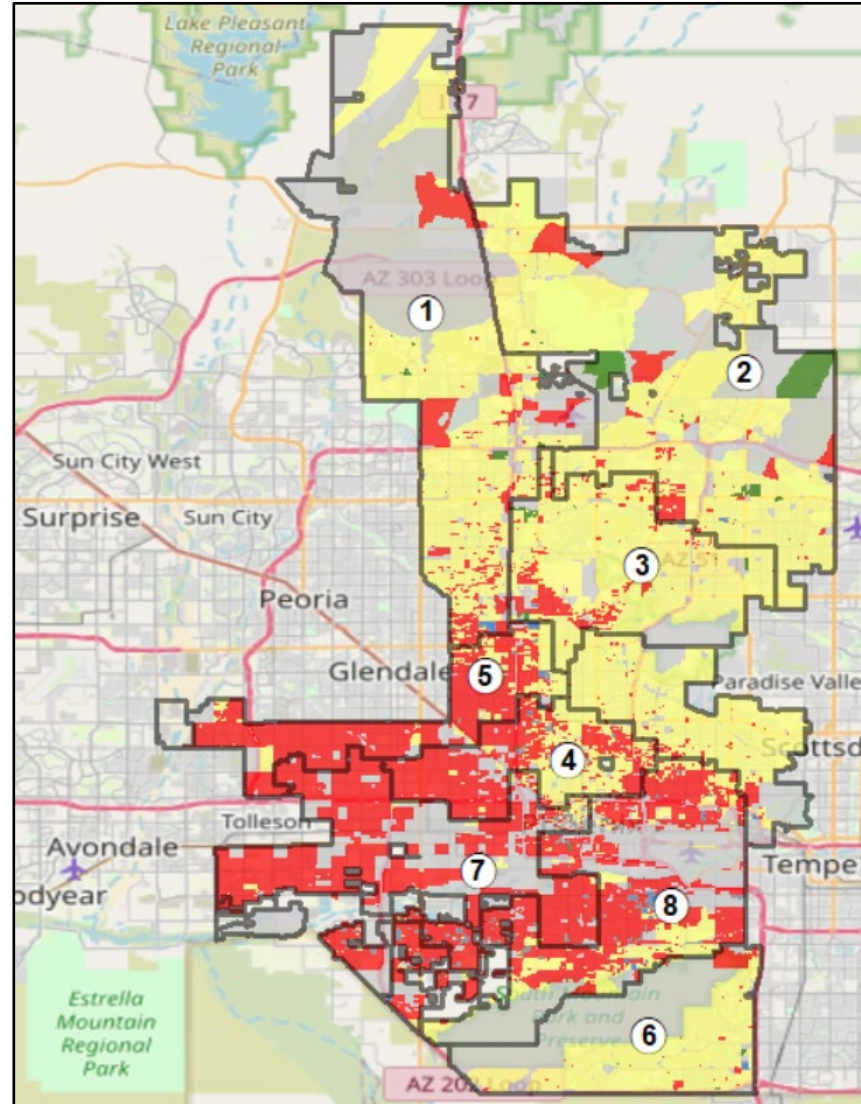
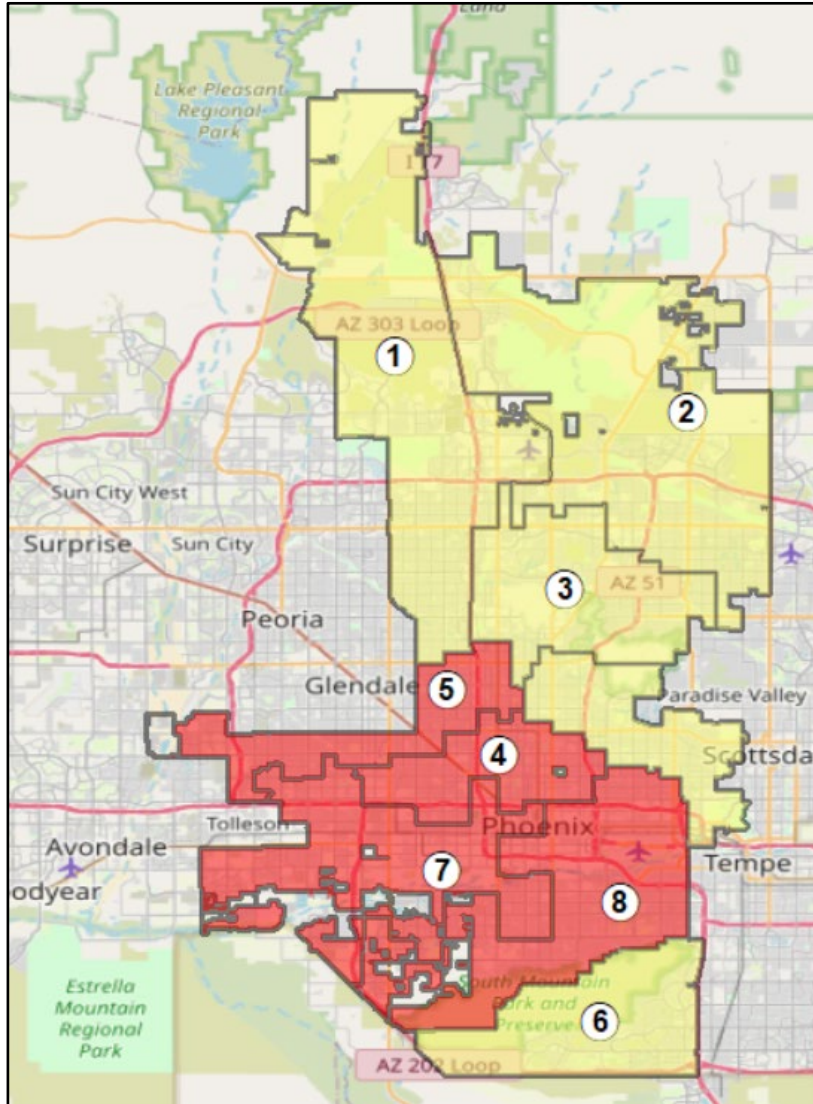
Other Guidelines

- 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



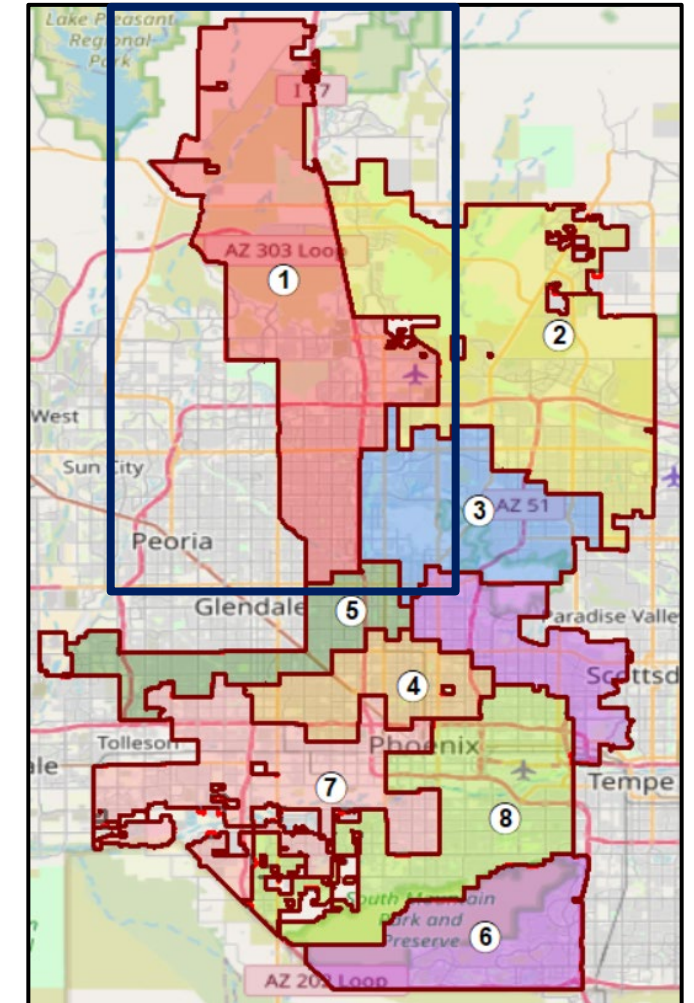
Majority Districts - 2020



District 1 Data - Gain of 16,373

	Total Pop	Ideal Population	Deviation	% Deviation
2010	181,996	180,704	1,292	0.71%
2020	198,369	201,017	-2,648	-1.32%
Difference	16,373	20,313		

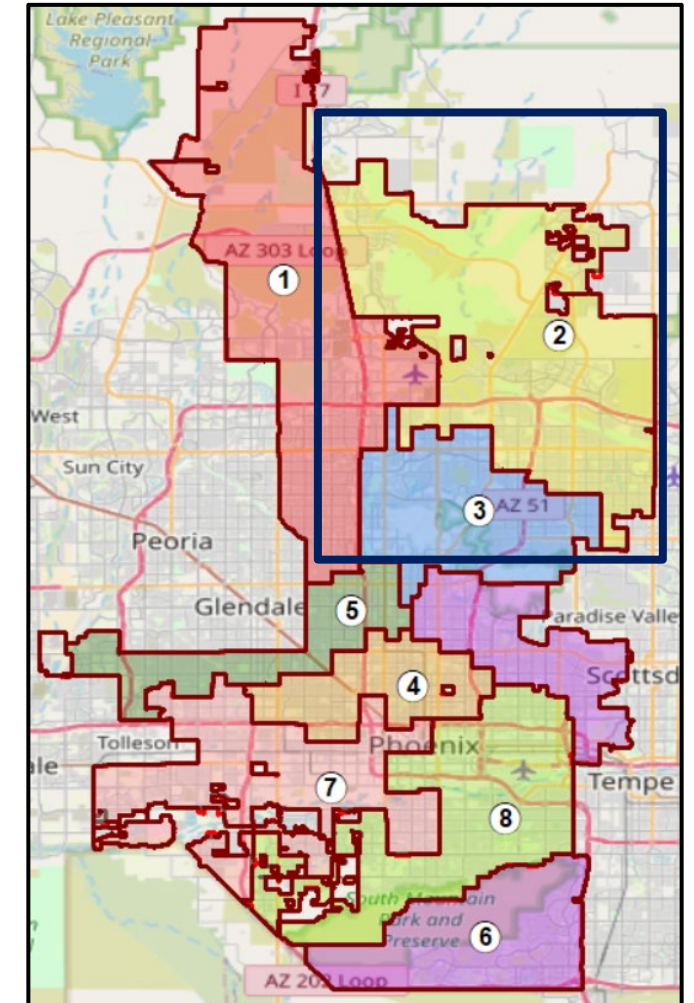
Race/Ethnicity	2010 – Total Population		2010 – Total Voting Age Population		2020 Total Population		2020 – Total Voting Age Population	
	Count	%	Count	%	Count	%	Count	%
HISPANIC	35,210	19.35%	22,052	16.26%	46,650	23.52%	31,789	20.85%
NH WHITE	126,348	69.42%	99,366	73.28%	118,885	59.93%	97,234	63.76%
NH BLACK	6,152	3.38%	4,423	3.26%	9,454	4.77%	6,939	4.55%
NH NATIVE	2,348	1.29%	1,692	1.25%	2,732	1.38%	2,029	1.33%
NH ASIAN	7,424	4.08%	5,671	4.18%	10,497	5.29%	7,941	5.21%
NH HAWAIIAN PI	337	0.19%	243	0.18%	352	0.18%	258	0.17%
NH OTHER	286	0.16%	188	0.14%	1,024	0.52%	748	0.49%
NH MIXED 2+	3,891	2.14%	1,960	1.45%	8,775	4.42%	5,562	3.65%
Total	181,996	100.00%	135,595	100.00%	198,369	100.00%	152,500	100.00%
Voting Age %			74.50%				76.88%	



District 2 Data - Gain of 28,981

	Total Pop	Ideal Population	Deviation	% Deviation
2010	179,263	180,704	-1,441	-0.80%
2020	208,244	201,017	7,227	3.60%
Difference	28,981	20,313		

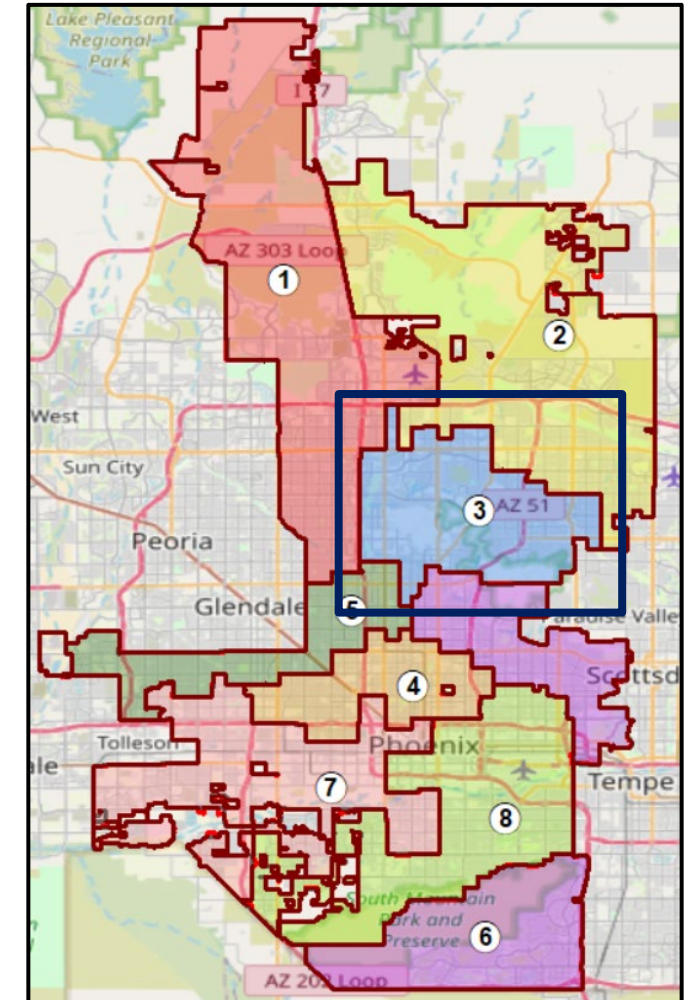
Race/Ethnicity	2010 – Total Population		2010 – Total Voting Age Population		2020 Total Population		2020 – Total Voting Age Population	
	Count	%	Count	%	Count	%	Count	%
HISPANIC	25,096	14.00%	15,750	11.65%	32,570	15.64%	21,861	13.42%
NH WHITE	138,120	77.05%	108,248	80.08%	144,645	69.46%	117,506	72.16%
NH BLACK	3,592	2.00%	2,630	1.95%	5,120	2.46%	6,939	4.26%
NH NATIVE	1,109	0.62%	801	0.59%	1,195	0.57%	2,029	1.25%
NH ASIAN	7,511	4.19%	5,693	4.21%	14,876	7.14%	7,941	4.88%
NH HAWAIIAN PI	215	0.12%	160	0.12%	241	0.12%	258	0.16%
NH OTHER	266	0.15%	175	0.13%	1,081	0.52%	748	0.46%
NH MIXED 2+	3,354	1.87%	1,721	1.27%	8,516	4.09%	5,562	3.42%
Total	179,263	100.00%	135,178	100.00%	208,244	100.00%	162,844	100.00%
Voting Age %			75.41%				78.20%	



District 3 Data - Gain of 12,106

	Total Pop	Ideal Population	Deviation	% Deviation
2010	176,902	180,704	-3,802	-2.10
2020	189,008	201,017	-12,009	-5.97%
Difference	12,106	20,313		

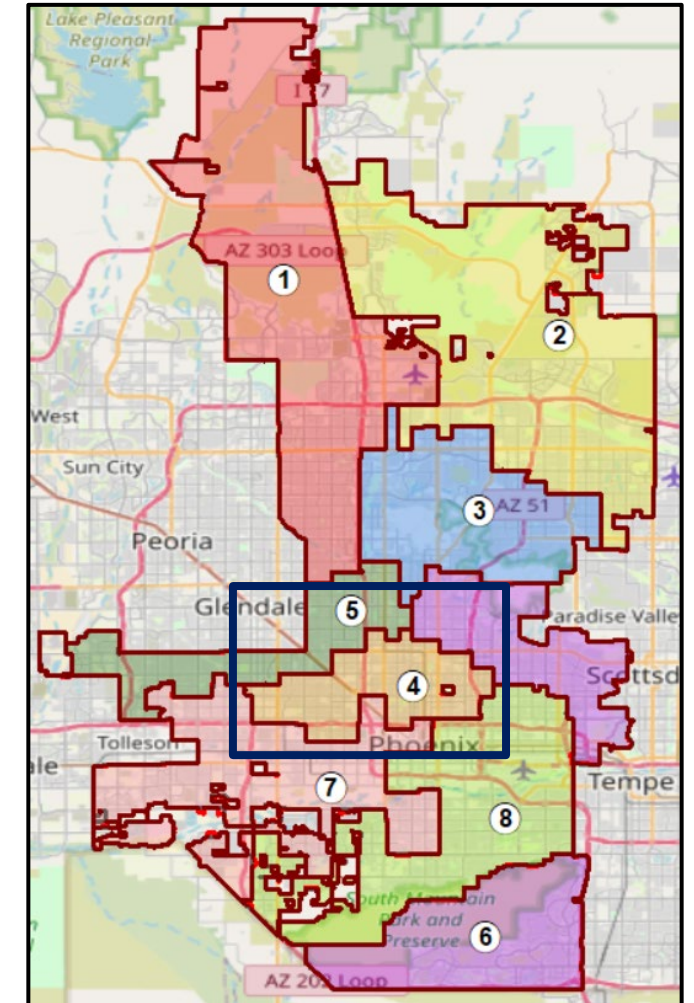
Race/Ethnicity	2010 – Total Population		2010 – Total Voting Age Population		2020 Total Population		2020 – Total Voting Age Population	
	Count	%	Count	%	Count	%	Count	%
HISPANIC	41,419	23.41%	25,548	18.72%	47,434	25.10%	31,675	21.19%
NH WHITE	118,824	67.17%	99,021	72.56%	112,972	59.77%	96,878	64.81%
NH BLACK	5,556	3.14%	4,100	3.00%	9,469	5.01%	6,975	4.67%
NH NATIVE	2,609	1.47%	1,850	1.36%	2,846	1.51%	2,083	1.39%
NH ASIAN	5,028	2.84%	4,033	2.96%	7,186	3.80%	5,685	3.80%
NH HAWAIIAN PI	218	0.12%	157	0.12%	308	0.16%	248	0.17%
NH OTHER	246	0.14%	157	0.12%	973	0.51%	712	0.48%
NH MIXED 2+	3,002	1.70%	1,608	1.18%	7,820	4.14%	5,227	3.50%
Total	176,902	100.00%	136,474	100.00%	189,008	100.00%	149,483	100.00%
Voting Age %			77.15%				79.09%	



District 4 Data - Gain of 11,064

	Total Pop	Ideal Population	Deviation	% Deviation
2010	179,365	180,704	-1,339	-0.74%
2020	190,429	201,017	-10,588	-5.27%
Difference	11,064	20,313		

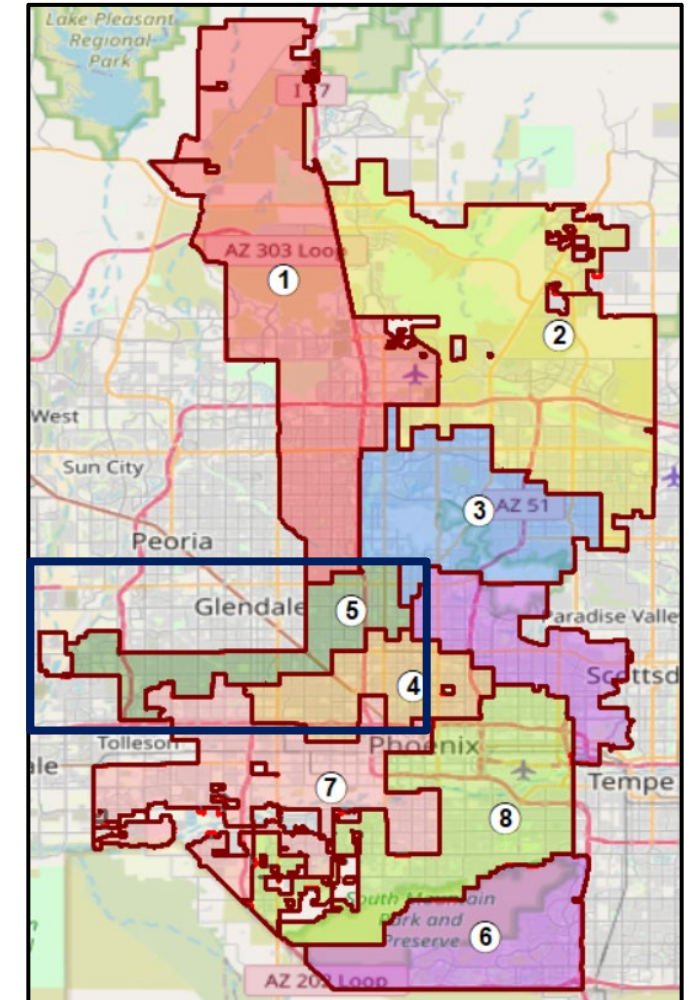
Race/Ethnicity	2010 – Total Population		2010 – Total Voting Age Population		2020 Total Population		2020 – Total Voting Age Population	
	Count	%	Count	%	Count	%	Count	%
HISPANIC	115,318	64.29%	69,698	56.73%	114,525	60.14%	77,628	54.90%
NH WHITE	44,280	24.69%	38,941	31.70%	48,647	25.55%	43,345	30.65%
NH BLACK	8,760	4.88%	6,483	5.28%	12,609	6.62%	9,200	6.51%
NH NATIVE	4,064	2.27%	2,937	2.39%	3,766	1.98%	2,915	2.06%
NH ASIAN	4,043	2.25%	3,036	2.47%	4,934	2.59%	4,008	2.83%
NH HAWAIIAN PI	159	0.09%	118	0.10%	180	0.09%	135	0.10%
NH OTHER	316	0.18%	201	0.16%	920	0.48%	695	0.49%
NH MIXED 2+	2,425	1.35%	1,437	1.17%	4,848	2.55%	3,476	2.46%
Total	179,365	100.00%	122,851	100.00%	190,429	100.00%	141,402	100.00%
Voting Age %			68.49%				74.25%	



District 5 Data - Gain of 26,986

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

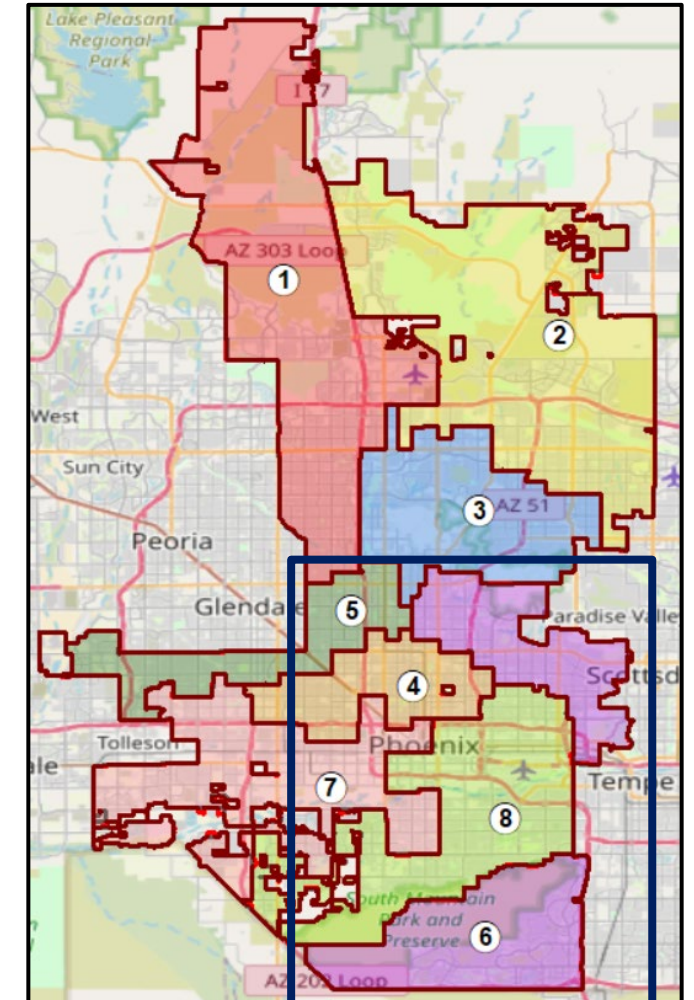
Race/Ethnicity	2010 – Total Population		2010 – Total Voting Age Population		2020 Total Population		2020 – Total Voting Age Population	
	Count	%	Count	%	Count	%	Count	%
HISPANIC	106,238	58.50%	62,627	51.33%	125,810	60.32%	83,058	55.70%
NH WHITE	51,709	28.47%	43,325	35.51%	46,700	22.39%	40,178	26.95%
NH 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%
Total	181,598	100.00%	122,015	100.00%	208,584	100.00%	149,109	100.00%
Voting Age %			67.19%				71.49%	



District 6 Data - Gain of 11,699

	Total Pop	Ideal Population	Deviation	% Deviation
2010	178,698	180,704	-2,006	-1.11%
2020	190,397	201,017	-10,620	-5.28%
Difference	11,699	20,313		

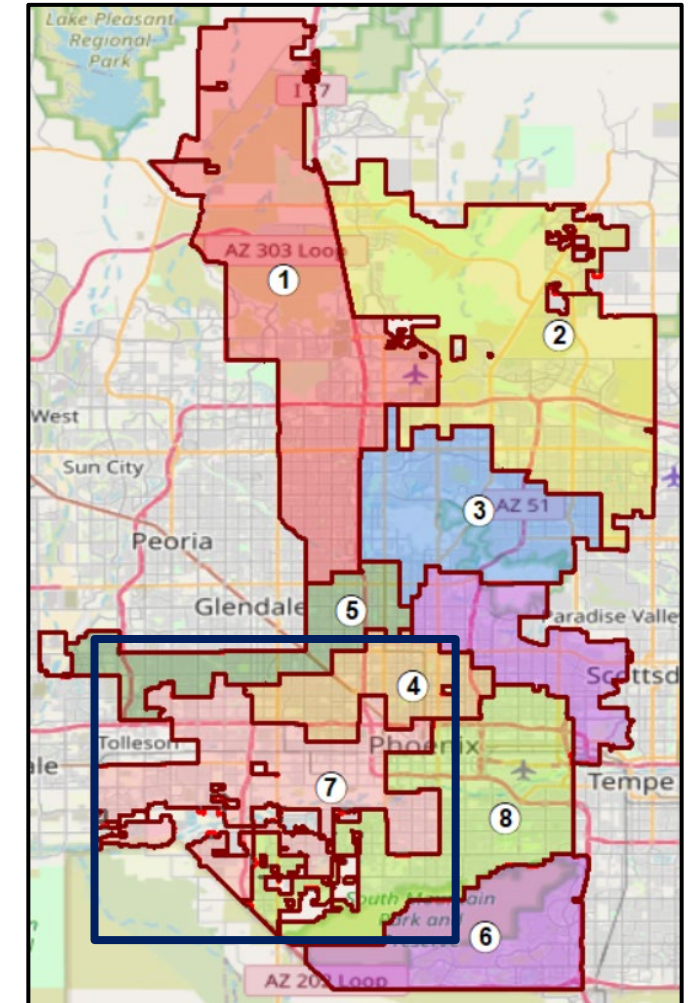
Race/Ethnicity	2010 – Total Population		2010 – Total Voting Age Population		2020 Total Population		2020 – Total Voting Age Population	
	Count	%	Count	%	Count	%	Count	%
HISPANIC	29,800	16.68%	19,662	14.11%	33,927	17.82%	24,085	15.68%
NH WHITE	125,818	70.41%	103,273	74.10%	123,866	65.06%	105,026	68.39%
NH BLACK	8,351	4.67%	6,263	4.49%	10,182	5.35%	7,928	5.16%
NH NATIVE	3,169	1.77%	2,329	1.67%	3,537	1.86%	2,638	1.72%
NH ASIAN	7,159	4.01%	5,520	3.96%	8,788	4.62%	7,311	4.76%
NH HAWAIIAN PI	243	0.14%	183	0.13%	314	0.16%	233	0.15%
NH OTHER	348	0.19%	231	0.17%	1,023	0.54%	753	0.49%
NH MIXED 2+	3,810	2.13%	1,915	1.37%	8,760	4.60%	5,588	3.64%
Total	178,698	100.00%	139,376	100.00%	190,397	100.00%	153,562	100.00%
Voting Age %			78.00%				80.65%	



District 7 Data - Gain of 32,588

	Total Pop	Ideal Population	Deviation	% Deviation
2010	185,474	180,704	4,770	2.64%
2020	218,062	201,017	17,045	8.48%
Difference	32,588	20,313		

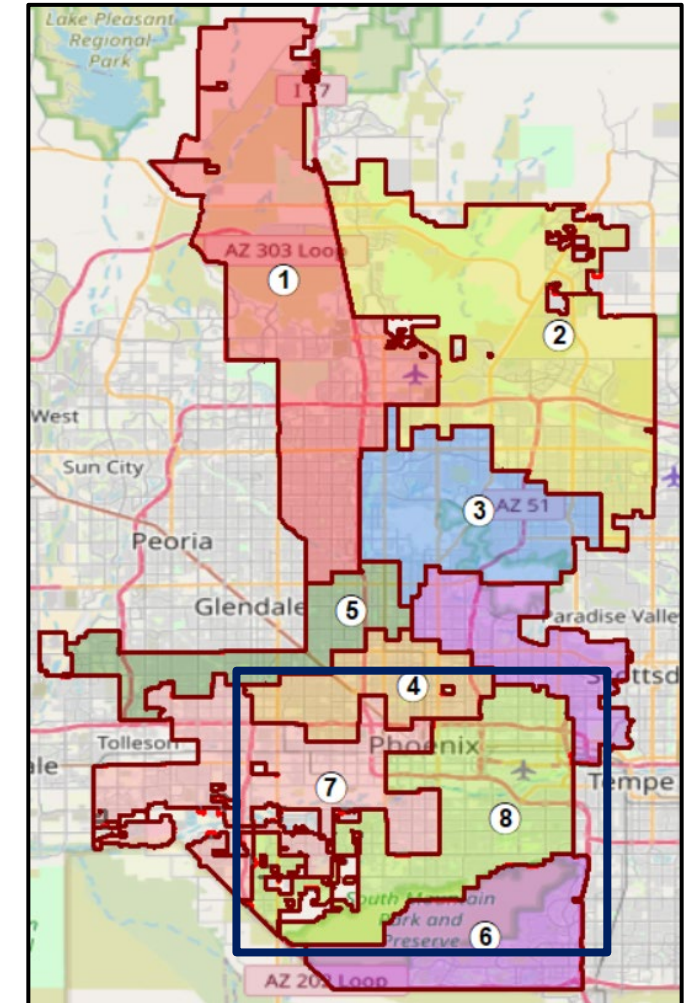
Race/Ethnicity	2010 – Total Population		2010 – Total Voting Age Population		2020 Total Population		2020 – Total Voting Age Population	
	Count	%	Count	%	Count	%	Count	%
HISPANIC	127,814	68.91%	77,544	63.90%	146,593	67.23%	95,736	63.44%
NH WHITE	31,145	16.79%	25,744	21.21%	32,666	14.98%	27,665	18.33%
NH BLACK	17,165	9.25%	11,667	9.61%	24,601	11.28%	17,272	11.44%
NH NATIVE	2,727	1.47%	2,024	1.67%	3,417	1.57%	2,624	1.74%
NH ASIAN	3,772	2.03%	2,857	2.35%	4,450	2.04%	3,563	2.36%
NH HAWAIIAN PI	235	0.13%	183	0.15%	530	0.24%	383	0.25%
NH OTHER	234	0.13%	142	0.12%	923	0.42%	639	0.42%
NH MIXED 2+	2,382	1.28%	1,200	0.99%	4,882	2.24%	3,036	2.01%
Total	185,474	100.00%	121,361	100.00%	218,062	100.00%	150,918	100.00%
Voting Age %			65.43%				69.21%	



District 8 Data - Gain of 22,710

	Total Pop	Ideal Population	Deviation	% Deviation
2010	182,336	180,704	1,632	0.90%
2020	205,046	201,017	4,029	2.00%
Difference	22,710	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	108,982	59.77%	66,939	53.79%	114,065	55.63%	76,875	51.54%
NH WHITE	36,329	19.92%	31,439	25.26%	43,370	21.15%	37,669	25.25%
NH BLACK	25,487	13.98%	17,999	14.46%	29,510	14.39%	21,415	14.36%
NH NATIVE	3,531	1.94%	2,521	2.03%	4,201	2.05%	3,067	2.06%
NH ASIAN	4,323	2.37%	3,455	2.78%	5,987	2.92%	4,939	3.31%
NH HAWAIIAN PI	432	0.24%	278	0.22%	863	0.42%	538	0.36%
NH OTHER	282	0.15%	173	0.14%	1,076	0.52%	760	0.51%
NH MIXED 2+	2,970	1.63%	1,637	1.32%	5,974	2.91%	3,906	2.62%
Total	182,336	100.00%	124,441	100.00%	205,046	100.00%	149,169	100.00%
Voting Age %			68.25%				72.75%	



Questions/Comments
