



City of Dallas 2021-22 Redistricting

Submitted Map Analysis

Plan Summary – Plan ID: COD-025-Betzen (Submitter: Bill Betzen)

Date Submitted: 4-1-22

Current Status: Meets the City of Dallas Redistricting Criteria

REVIEW CRITERIA FOR PLAN ACCEPTANCE

1. Maximum Deviation Less than 10%: Population Difference between most populated and least populated district divided by ideal population is less than 10%

Plan meets Criteria

Plan does not meet Criteria

Plan Max Deviation – 9.46%

2. Contiguity: All districts should be geographically contiguous.

Plan meets Criteria

Plan does not meet Criteria

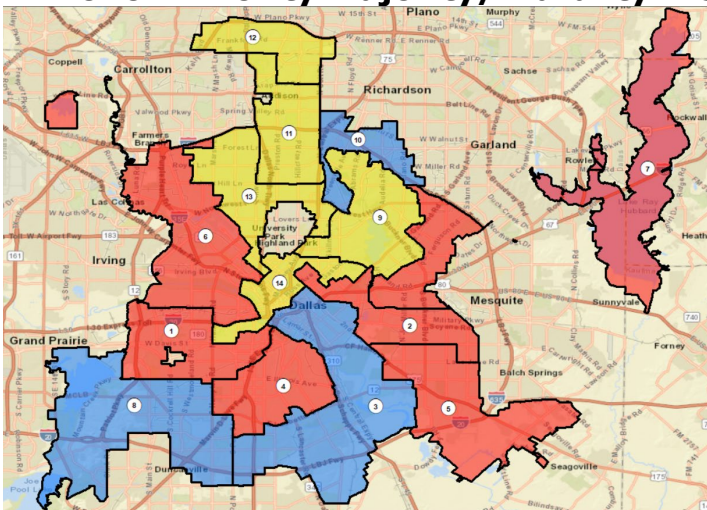
3. Unassigned Units – None

Plan meets Criteria

Plan does not meet Criteria

4. Other Map Characteristics for further evaluation:

1. No. of Minority Majority/Plurality Districts: 9



NH-Black – 3(3, 8, 10)

Hispanic –6

(1, 2, 4, 5, 6, 7)

(NH White – Yellow, Hispanic – Red; NH Black – Blue)

Total Population by Race and Ethnicity

	Total Population	Deviation		Hispanic		NH-White		NH-Black		NH-Asian		NH-Other	
		#	%	#	%	#	%	#	%	#	%	#	%
1	93,035	-135.00	-0.14%	74,221	79.78%	10,021	10.77%	6,627	7.12%	579	0.62%	1,587	1.71%
2	89,532	-3,638.00	-3.90%	56,806	63.45%	10,694	11.94%	19,144	21.38%	1,074	1.20%	1,814	2.03%
3	89,843	-3,327.00	-3.57%	26,217	29.18%	7,179	7.99%	53,258	59.28%	888	0.99%	2,301	2.56%
4	90,551	-2,619.00	-2.81%	45,565	50.32%	3,424	3.78%	39,192	43.28%	449	0.50%	1,921	2.12%
5	91,389	-1,781.00	-1.91%	70,074	76.68%	7,388	8.08%	12,320	13.48%	224	0.25%	1,383	1.51%
6	94,909	1,739.00	1.87%	67,530	71.15%	9,817	10.34%	12,045	12.69%	3,675	3.87%	1,842	1.94%
7	92,749	-421.00	-0.45%	50,996	54.98%	16,314	17.59%	20,514	22.12%	2,552	2.75%	2,373	2.56%
8	91,037	-2,133.00	-2.29%	36,412	40.00%	7,825	8.60%	42,693	46.90%	1,723	1.89%	2,384	2.62%
9	97,628	4,458.00	4.78%	13,904	14.24%	69,942	71.64%	6,390	6.55%	2,733	2.80%	4,659	4.77%
10	90,505	-2,665.00	-2.86%	31,898	35.24%	13,126	14.50%	34,584	38.21%	7,832	8.65%	3,065	3.39%
11	95,335	2,165.00	2.32%	24,852	26.07%	46,849	49.14%	14,166	14.86%	5,646	5.92%	3,822	4.01%
12	98,347	5,177.00	5.56%	19,305	19.63%	44,267	45.01%	19,936	20.27%	9,918	10.08%	4,921	5.00%
13	93,458	288.00	0.31%	16,878	18.06%	59,979	64.18%	7,087	7.58%	5,571	5.96%	3,943	4.22%
14	96,061	2,891.00	3.10%	16,516	17.19%	59,568	62.01%	10,808	11.25%	4,956	5.16%	4,213	4.39%
	1,304,379		9.46%	551,174	42.26%	366,393	28.09%	298,764	22.90%	47,820	3.67%	40,228	3.08%

Total Voting Age Population by Race and Ethnicity

	Total Voting Age Population	Hispanic		NH-White		NH-Black		NH-Asian		NH-Other	
		#	%	#	%	#	%	#	%	#	%
1	68,310	52,877	77.41%	8,881	13.00%	4,857	7.11%	481	0.70%	1,214	1.78%
2	65,823	39,213	59.57%	9,910	15.06%	14,337	21.78%	967	1.47%	1,396	2.12%
3	66,670	16,937	25.40%	6,731	10.10%	40,549	60.82%	731	1.10%	1,722	2.58%
4	64,985	29,671	45.66%	2,970	4.57%	30,644	47.16%	380	0.58%	1,320	2.03%
5	61,967	45,285	73.08%	6,173	9.96%	9,416	15.20%	161	0.26%	932	1.50%
6	70,317	47,278	67.24%	8,996	12.79%	9,492	13.50%	3,144	4.47%	1,407	2.00%
7	68,524	34,843	50.85%	14,416	21.04%	15,545	22.69%	1,988	2.90%	1,732	2.53%
8	66,330	24,404	36.79%	6,922	10.44%	31,872	48.05%	1,439	2.17%	1,693	2.55%
9	76,045	9,814	12.91%	56,095	73.77%	4,914	6.46%	2,163	2.84%	3,059	4.02%
10	66,910	21,476	32.10%	11,595	17.33%	26,042	38.92%	5,612	8.39%	2,185	3.27%
11	77,880	17,966	23.07%	40,659	52.21%	11,502	14.77%	4,930	6.33%	2,823	3.62%
12	79,342	14,187	17.88%	37,446	47.20%	15,526	19.57%	8,640	10.89%	3,543	4.47%
13	78,869	13,167	16.69%	51,834	65.72%	6,131	7.77%	4,839	6.14%	2,898	3.67%
14	87,733	13,844	15.78%	56,139	63.99%	9,430	10.75%	4,716	5.38%	3,604	4.11%
	999,705	380,962	38.11%	318,767	31.89%	230,257	23.03%	40,191	4.02%	29,528	2.95%

The Majority/Plurality District percentages are in bold

2. No. of Neighborhoods splits - 63 out of 443 Neighborhood Associations

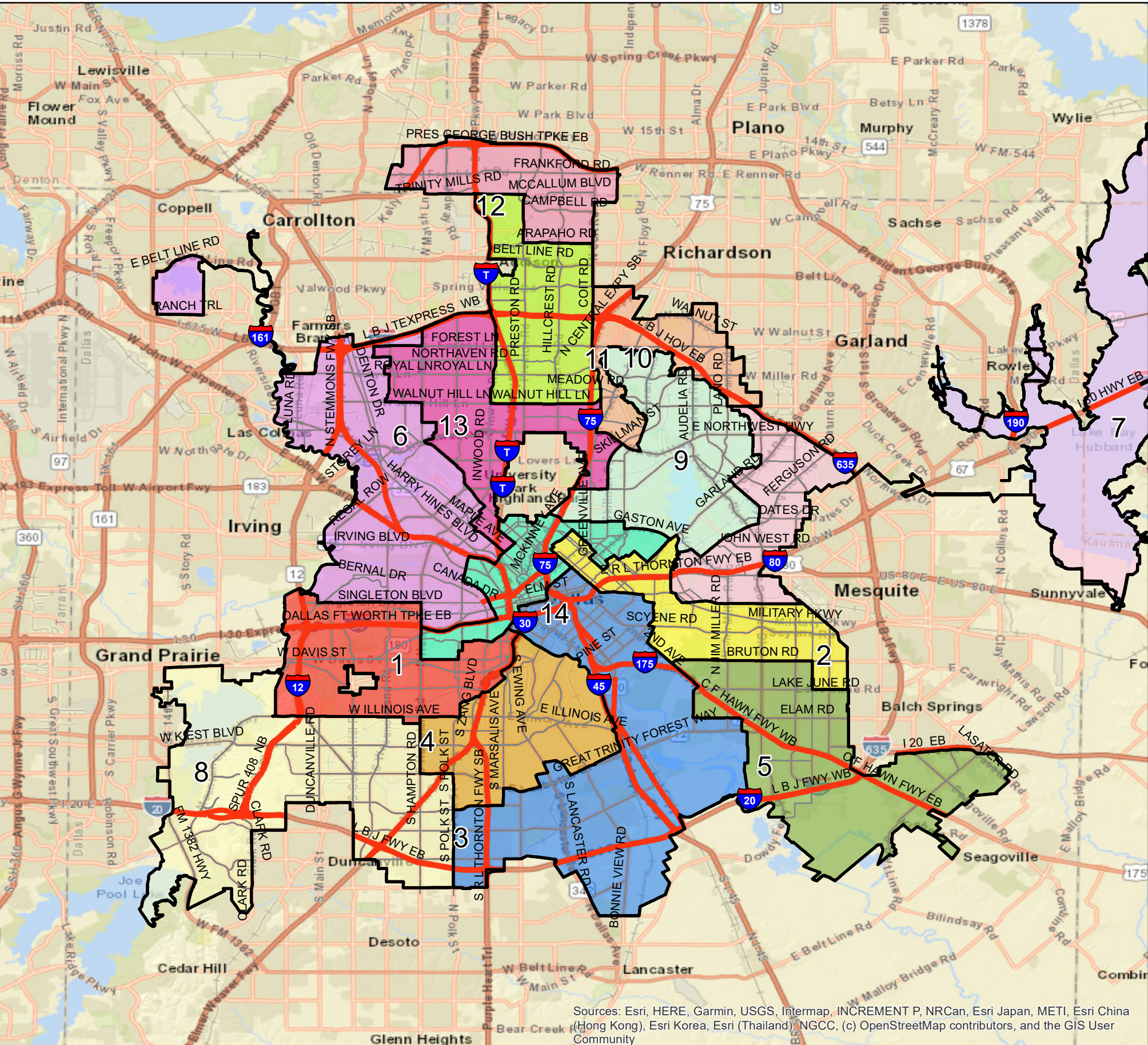
3. Compactness analysis for each district:

District	Area:	Perimeter:	Reock	Polsby-Popper	Convex Hull Ratio:	Schwartzberg
District 1	21.64	30.16	0.37	0.30	0.79	0.55
District 2	16.45	29.88	0.19	0.23	0.60	0.48
District 3	48.82	47.56	0.27	0.27	0.63	0.52
District 4	20.61	22.65	0.35	0.50	0.83	0.71
District 5	33.37	42.37	0.26	0.23	0.67	0.48
District 6	40.19	67.77	0.17	0.11	0.46	0.33
District 7	54.23	119.89	0.13	0.05	0.32	0.22
District 8	46.77	53.62	0.35	0.20	0.67	0.45
District 9	24.15	30.80	0.33	0.32	0.73	0.57
District 10	11.69	31.26	0.25	0.15	0.53	0.39
District 11	18.90	24.58	0.35	0.39	0.81	0.63
District 12	14.12	20.47	0.29	0.42	0.75	0.65
District 13	20.64	38.12	0.21	0.18	0.54	0.42
District 14	11.75	29.36	0.18	0.17	0.59	0.41
Average	27.38	42.03	0.26	0.25	0.64	0.49



2021/22 City of Dallas Redistricting Plan Submission - COD-025-Betzen on 4-1-22

Map Meets the Redistricting Criteria



General Information	
Plan-ID	COD-025-Betzen
Submitted By	Bill Betzen
Submitted On	4/1/2022
Status	Meets Criteria
Deviation, Area and Perimeter	
Maximum Deviation	9.46%
Average Area	27.38
Average Perimeter	42.03
Average Compactness Scores	
Average Reock Score	0.26
Average Polsby-Popper Score	0.25
Average Convex Hull Score	0.64
Average Schwartzberg Score	0.49
Minority Majority Districts	
Number of Minority/Plurality Districts	9 (3NH-Black, 6 Hisp)
Number of Neighborhood splits	63

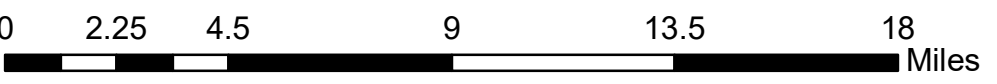
Highways

Districts

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

	Total Population		Deviation		Hispanic		NH-White		NH-Black		NH-Asian		NH-Other	
	#	%	#	%	#	%	#	%	#	%	#	%	#	%
1	93,035	-135.00	-0.14%	74,221	79.78%	10,021	10.77%	6,627	7.12%	579	0.62%	1,587	1.71%	
2	89,532	-3,328.00	-3.90%	56,806	63.45%	10,694	11.94%	19,144	21.38%	1,074	1.20%	1,814	2.03%	
3	89,843	-3,327.00	-3.57%	26,217	29.18%	7,179	7.99%	53,258	59.28%	888	0.99%	2,301	2.56%	
4	90,551	-2,619.00	-2.81%	45,565	50.32%	3,424	3.78%	39,192	43.28%	449	0.50%	1,921	2.12%	
5	91,389	-1,781.00	-1.91%	70,074	76.68%	7,388	8.08%	12,320	13.48%	224	0.25%	1,383	1.51%	
6	94,909	1,739.00	1.87%	67,530	71.15%	9,817	10.34%	12,045	12.69%	3,675	3.87%	1,842	1.94%	
7	92,749	-421.00	-0.45%	50,996	54.98%	16,314	17.59%	20,514	22.12%	2,552	2.75%	2,373	2.56%	
8	91,037	-2,133.00	-2.29%	36,412	40.00%	7,825	8.60%	42,693	46.90%	1,723	1.89%	2,384	2.62%	
9	97,628	4,458.00	4.78%	13,904	14.24%	69,942	71.64%	6,390	6.55%	2,733	2.80%	4,659	4.77%	
10	90,505	-2,665.00	-2.86%	31,898	35.24%	13,126	14.50%	34,584	38.21%	7,832	8.65%	3,065	3.39%	
11	95,335	2,165.00	2.32%	24,852	26.07%	46,849	49.14%	14,166	14.86%	5,646	5.92%	3,822	4.01%	
12	98,347	5,177.00	5.56%	19,305	19.63%	44,267	45.01%	19,936	20.27%	9,918	10.08%	4,921	5.00%	
13	93,458	288.00	0.31%	16,878	18.06%	59,979	64.18%	7,087	7.58%	5,571	5.96%	3,943	4.22%	
14	96,061	2,891.00	3.10%	16,516	17.19%	59,568	62.01%	10,808	11.25%	4,956	5.16%	4,213	4.39%	
Total	1,304,379		9.46%	551,174	42.26%	366,393	28.09%	298,764	22.90%	47,820	3.67%	40,228	3.08%	

	Total Voting Age Population		Hispanic		NH-White		NH-Black		NH-Asian		NH-Other	
	#	%	#	%	#	%	#	%	#	%	#	%
1	68,310	52,877	77.41%	8,881	13.00%	4,857	7.11%	481	0.70%	1,214	1.78%	
2	65,823	39,213	59.57%	9,910	15.06%	14,337	21.78%	967	1.47%	1,396	2.12%	
3	66,670	16,937	25.40%	6,731	10.10%	40,549	60.82%	731	1.10%	1,722	2.58%	
4	64,985	29,671	45.66%	2,970	4.57%	30,644	47.16%	380	0.58%	1,320	2.03%	
5	61,967	45,285	73.08%	6,173	9.96%	9,416	15.20%	161	0.26%	932	1.50%	
6	70,317	47,278	67.24%	8,996	12.79%	9,492	13.50%	3,144	4.47%	1,407	2.00%	
7	68,524	34,843	50.85%	14,416	21.04%	15,545	22.69%	1,988	2.90%	1,732	2.53%	
8	66,330	24,404	36.79%	6,922	10.44%	31,872	48.05%	1,439	2.17%	1,693	2.55%	
9	76,045	9,814	12.91%	56,095	73.77%	4,914	6.46%	2,163	2.84%	3,059	4.02%	
10	66,910	21,476	32.10%	11,595	17.33%	26,042	38.92%	5,612	8.39%	2,185	3.27%	
11	77,880	17,966	23.07%	40,659	52.21%	11,502	14.77%	4,930	6.33%	2,823	3.62%	
12	79,342	14,187	17.88%	37,446	47.20%	15,526	19.57%	8,640	10.89%	3,543	4.47%	
13	78,869	13,167	16.69%	51,834	65.72%	6,131	7.77%	4,839	6.14%	2,898	3.67%	
14	87,733	13,844	15.78%	56,139	63.99%	9,430	10.75%	4,716	5.38%	3,604	4.11%	
Total	999,705	380,962	38.11%	318,767	31.89%	230,257	23.03%	40,191	4.02%	29,528	2.95%	



Demographic Data Source: 2020 - PL94-171 Data from Bureau of Census; Geography: 2020 Census Blocks from the Bureau of Census; Districts: As Drawn by the Plan Submitter

