



City of Dallas 2021-22 Redistricting

Submitted Map Analysis

Plan Summary – Plan ID: COD-041-MCVLA-DD (Submitter: Melanie Vanlandingham and Darren Dattalo)

Date Submitted: 4-15-22

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 – 9.45%

2. Contiguity: All districts should be geographically contiguous.

Plan meets Criteria

Plan does not meet Criteria

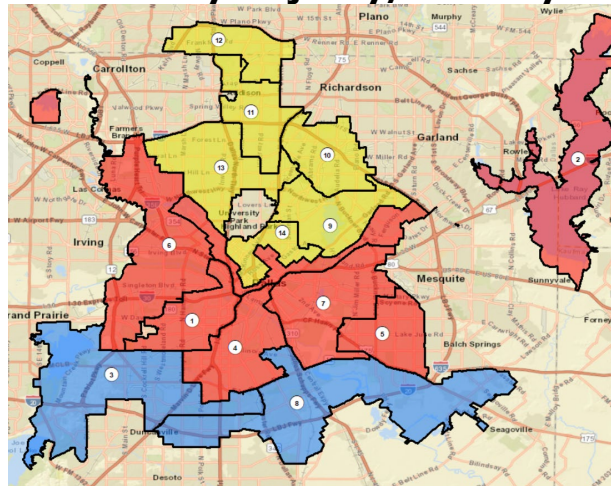
3. Unassigned Units – None

Plan meets Criteria

Plan does not meet Criteria

4. Other Map Characteristics for further evaluation:

1. No. of Minority Majority/Plurality Districts: 8



NH-Black – 2(3,8)

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	92,666	-504.00	-0.54%	65,698	70.90%	16,842	18.17%	7,328	7.91%	864	0.93%	1,462	1.58%
2	92,147	-1,023.00	-1.10%	42,110	45.70%	30,653	33.27%	12,284	13.33%	3,490	3.79%	2,723	2.96%
3	89,803	-3,367.00	-3.61%	38,709	43.10%	7,816	8.70%	39,287	43.75%	1,412	1.57%	1,657	1.85%
4	89,067	-4,103.00	-4.40%	45,458	51.04%	4,676	5.25%	36,435	40.91%	413	0.46%	1,436	1.61%
5	90,089	-3,081.00	-3.31%	65,788	73.03%	4,300	4.77%	18,554	20.60%	210	0.23%	805	0.89%
6	88,666	-4,504.00	-4.83%	63,738	71.89%	6,986	7.88%	13,564	15.30%	2,428	2.74%	1,133	1.28%
7	93,921	751.00	0.81%	46,875	49.91%	8,235	8.77%	36,014	38.34%	636	0.68%	1,464	1.56%
8	94,623	1,453.00	1.56%	42,912	45.35%	6,093	6.44%	43,310	45.77%	243	0.26%	1,321	1.40%
9	96,880	3,710.00	3.98%	29,931	30.89%	45,662	47.13%	12,032	12.42%	4,363	4.50%	2,833	2.92%
10	97,466	4,296.00	4.61%	19,886	20.40%	35,582	36.51%	32,023	32.86%	4,536	4.65%	2,594	2.66%
11	95,277	2,107.00	2.26%	31,076	32.62%	40,534	42.54%	14,781	15.51%	4,545	4.77%	2,763	2.90%
12	97,038	3,868.00	4.15%	19,109	19.69%	43,491	44.82%	19,760	20.36%	8,567	8.83%	3,508	3.62%
13	96,320	3,150.00	3.38%	26,047	27.04%	55,181	57.29%	6,140	6.37%	4,159	4.32%	2,271	2.36%
14	90,416	-2,754.00	-2.96%	13,837	15.30%	60,342	66.74%	7,252	8.02%	4,325	4.78%	3,558	3.94%
	1,304,379		9.45%	551,174	42.26%	366,393	28.09%	298,764	22.90%	40,191	3.08%	29,528	2.26%

Total Voting Age Population by Race and Ethnicity

	Total Voting Age Population	Hispanic		NH-White		NH-Black		NH-Asian		NH-Other	
		#	%	#	%	#	%	#	%	#	%
1	72,074	47,831	66.36%	15,294	21.22%	6,623	9.19%	864	1.20%	1,462	2.03%
2	75,815	31,020	40.92%	28,760	37.93%	9,822	12.96%	3,490	4.60%	2,723	3.59%
3	66,252	25,998	39.24%	6,934	10.47%	30,251	45.66%	1,412	2.13%	1,657	2.50%
4	64,746	29,728	45.91%	4,165	6.43%	29,004	44.80%	413	0.64%	1,436	2.22%
5	62,444	43,666	69.93%	3,757	6.02%	14,006	22.43%	210	0.34%	805	1.29%
6	64,002	44,089	68.89%	6,332	9.89%	10,020	15.66%	2,428	3.79%	1,133	1.77%
7	67,987	31,389	46.17%	7,261	10.68%	27,237	40.06%	636	0.94%	1,464	2.15%
8	64,281	26,512	41.24%	4,981	7.75%	31,224	48.57%	243	0.38%	1,321	2.06%
9	77,101	21,196	27.49%	39,023	50.61%	9,686	12.56%	4,363	5.66%	2,833	3.67%
10	72,649	13,534	18.63%	28,221	38.85%	23,764	32.71%	4,536	6.24%	2,594	3.57%
11	76,749	21,930	28.57%	35,569	46.34%	11,942	15.56%	4,545	5.92%	2,763	3.60%
12	78,340	14,058	17.94%	36,806	46.98%	15,401	19.66%	8,567	10.94%	3,508	4.48%
13	75,936	18,461	24.31%	45,919	60.47%	5,126	6.75%	4,159	5.48%	2,271	2.99%
14	81,329	11,550	14.20%	55,745	68.54%	6,151	7.56%	4,325	5.32%	3,558	4.37%
	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 - 36 out of 443 Neighborhood Associations

3. Compactness analysis for each district:

District	Area:	Perimeter:	Reock	Polsby-Popper	Convex Hull Ratio:	Schwartzberg
District 1	15.78	25.70	0.28	0.30	0.75	0.55
District 2	54.77	139.13	0.08	0.04	0.21	0.19
District 3	46.60	60.37	0.24	0.16	0.60	0.40
District 4	21.95	27.77	0.32	0.36	0.78	0.60
District 5	15.79	19.76	0.36	0.51	0.85	0.71
District 6	44.61	72.28	0.14	0.11	0.45	0.33
District 7	28.80	32.42	0.32	0.34	0.74	0.59
District 8	54.83	69.62	0.17	0.14	0.58	0.38
District 9	18.79	26.41	0.28	0.34	0.72	0.58
District 10	16.61	22.45	0.39	0.41	0.85	0.64
District 11	16.02	27.27	0.26	0.27	0.71	0.52
District 12	13.87	22.09	0.28	0.36	0.74	0.60
District 13	25.41	34.54	0.26	0.27	0.70	0.52
District 14	9.52	21.97	0.28	0.25	0.68	0.50
Average	27.38	42.98	0.26	0.28	0.67	0.51



City of Dallas

2021/22 City of Dallas Redistricting Plan Submission - COD-041-MCVLA-DD on 4-15-22

Map Meets the Redistricting Criteria

General Information	
Plan-ID	COD-041-MCVLA-DD
Submitted By	Vanlandingham & Dattalo
Submitted On	4/15/2022
Status	Meets Criteria
Deviation, Area and Perimeter	
Maximum Deviation	9.45%
Average Area	27.38
Average Perimeter	42.98
Average Compactness Scores	
Average Reock Score	0.26
Average Polsby-Popper Score	0.28
Average Convex Hull Score	0.67
Average Schwartzberg Score	0.51
Minority Majority Districts	
Number of Minority/Plurality Districts	8(2 NHB, 6 Hisp)
Number of Neighborhood splits	36

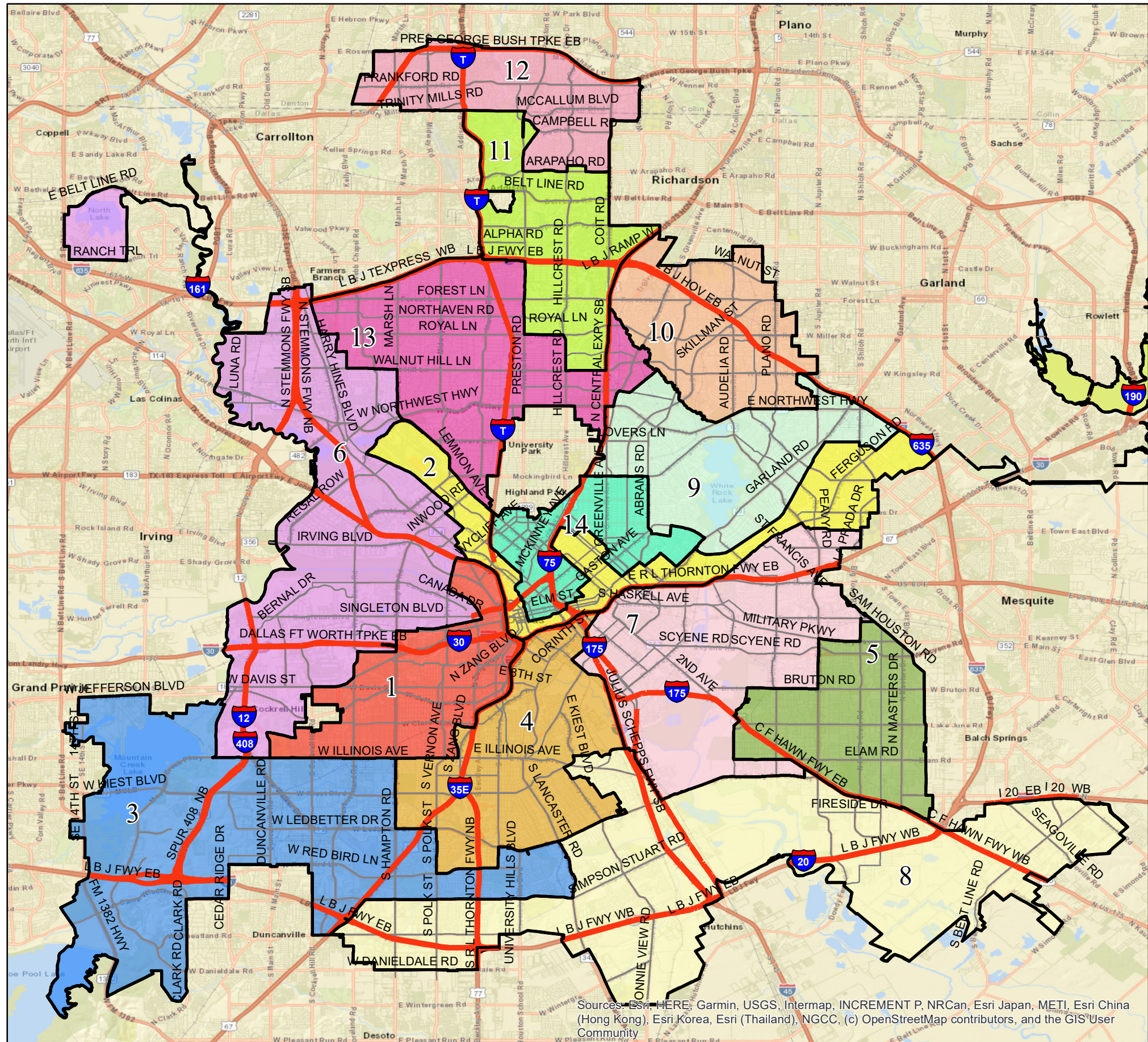
Highways

Districts

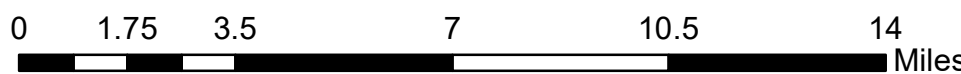
- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

	Total Population	Deviation		Hispanic		NH-White		NH-Black		NH-Asian		NH-Other	
		#	%	#	%	#	%	#	%	#	%	#	%
1	92,666	-504.00	-0.54%	65,698	70.90%	16,842	18.17%	7,328	7.91%	864	0.93%	1,462	1.58%
2	92,147	-1,023.00	-1.10%	42,110	45.70%	30,653	33.27%	12,284	13.33%	3,490	3.79%	2,723	2.96%
3	89,803	-3,367.00	-3.61%	38,709	43.10%	7,816	8.70%	39,287	43.75%	1,412	1.57%	1,657	1.85%
4	89,067	-4,103.00	-4.40%	45,458	51.04%	4,676	5.25%	36,435	40.91%	413	0.46%	1,436	1.61%
5	90,089	-3,081.00	-3.31%	65,788	73.03%	4,300	4.77%	18,554	20.60%	210	0.23%	805	0.89%
6	88,666	-4,504.00	-4.83%	63,738	71.89%	6,986	7.88%	13,564	15.30%	2,428	2.74%	1,133	1.28%
7	93,921	751.00	0.81%	46,875	49.91%	8,235	8.77%	36,014	38.34%	636	0.68%	1,464	1.56%
8	94,623	1,453.00	1.56%	42,912	45.35%	6,093	6.44%	43,310	45.77%	243	0.26%	1,321	1.40%
9	96,880	3,710.00	3.98%	29,931	30.89%	45,662	47.13%	12,032	12.42%	4,363	4.50%	2,833	2.92%
10	97,466	4,296.00	4.61%	19,886	20.40%	35,582	36.51%	32,023	32.86%	4,536	4.65%	2,594	2.66%
11	95,277	2,107.00	2.26%	31,076	32.62%	40,534	42.54%	14,781	15.51%	4,545	4.77%	2,763	2.90%
12	97,038	3,868.00	4.15%	19,109	19.69%	43,491	44.82%	19,760	20.36%	8,567	8.83%	3,508	3.62%
13	96,320	3,150.00	3.38%	26,047	27.04%	55,181	57.29%	6,140	6.37%	4,159	4.32%	2,271	2.36%
14	90,416	-2,754.00	-2.96%	13,837	15.30%	60,342	66.74%	7,252	8.02%	4,325	4.78%	3,558	3.94%
	1,304,379		9.45%	551,174	42.26%	366,393	28.09%	298,764	22.90%	40,191	3.08%	29,528	2.26%

	Total Voting Age Population	Hispanic		NH-White		NH-Black		NH-Asian		NH-Other	
		#	%	#	%	#	%	#	%	#	%
1	72,074	47,831	66.36%	15,294	21.22%	6,623	9.19%	864	1.20%	1,462	2.03%
2	75,815	31,020	40.92%	28,760	37.93%	9,822	12.96%	3,490	4.60%	2,723	3.59%
3	66,252	25,998	39.24%	6,934	10.47%	30,251	45.66%	1,412	2.13%	1,657	2.50%
4	64,746	29,728	45.91%	4,165	6.43%	29,004	44.80%	413	0.64%	1,436	2.22%
5	62,444	43,666	69.93%	3,757	6.02%	14,006	22.43%	210	0.34%	805	1.29%
6	64,002	44,089	68.89%	6,332	9.89%	10,020	15.66%	2,428	3.79%	1,133	1.77%
7	67,987	31,389	46.17%	7,261	10.68%	27,237	40.06%	636	0.94%	1,464	2.15%
8	64,281	26,512	41.24%	4,981	7.75%	31,224	48.57%	243	0.38%	1,321	2.06%
9	77,101	21,196	27.49%	39,023	50.61%	9,686	12.56%	4,363	5.66%	2,833	3.67%
10	72,649	13,534	18.63%	28,221	38.85%	23,764	32.71%	4,536	6.24%	2,594	3.57%
11	76,749	21,930	28.57%	35,569	46.34%	11,942	15.56%	4,545	5.92%	2,763	3.60%
12	78,340	14,058	17.94%	36,806	46.98%	15,401	19.66%	8,567	10.94%	3,508	4.48%
13	75,936	18,461	24.31%	45,919	60.47%	5,126	6.75%	4,159	5.48%	2,271	2.99%
14	81,329	11,550	14.20%	55,745	68.54%	6,151	7.56%	4,325	5.32%	3,558	4.37%
	999,705	380,962	38.11%	318,767	31.89%	230,257	23.03%	40,191	4.02%	29,528	2.95%



Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, (c) OpenStreetMap contributors, and the GIS User Community



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

