



City of Dallas 2021-22 Redistricting

Submitted Map Analysis

Plan Summary – Plan ID: COD-026-MCVLA (Submitter: Melanie Vanlandingham)

Date Submitted: 4-2-22

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 – 8.18%

2. Contiguity: All districts should be geographically contiguous.

Plan meets Criteria

Plan does not meet Criteria

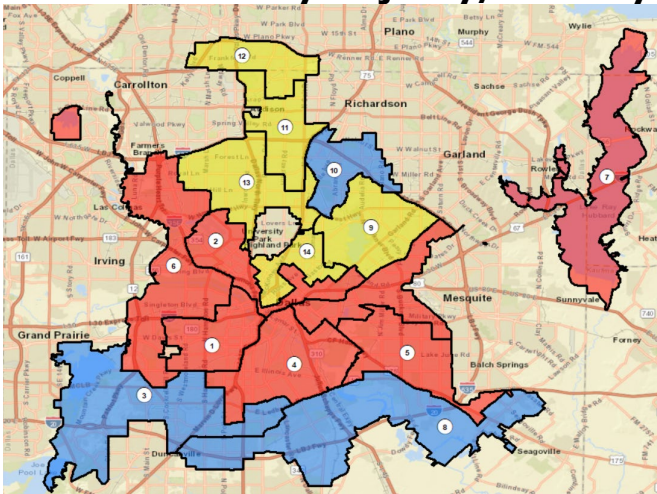
3. Unassigned Units – None

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	92,530	-640.00	-0.69%	64,325	69.52%	16,510	17.84%	8,971	9.70%	806	0.87%	1,454	1.57%
2	89,708	-3,462.00	-3.72%	36,260	40.42%	30,302	33.78%	14,680	16.36%	4,810	5.36%	2,783	3.10%
3	89,156	-4,014.00	-4.31%	35,030	39.29%	8,029	9.01%	42,212	47.35%	1,280	1.44%	1,676	1.88%
4	93,415	245.00	0.26%	45,246	48.44%	4,005	4.29%	41,570	44.50%	423	0.45%	1,454	1.56%
5	91,725	-1,445.00	-1.55%	71,173	77.59%	5,258	5.73%	13,915	15.17%	153	0.17%	832	0.91%
6	91,915	-1,255.00	-1.35%	71,888	78.21%	4,971	5.41%	11,941	12.99%	1,354	1.47%	1,017	1.11%
7	94,672	1,502.00	1.61%	47,910	50.61%	11,536	12.19%	31,914	33.71%	883	0.93%	1,642	1.73%
8	91,961	-1,209.00	-1.30%	40,984	44.57%	5,418	5.89%	43,390	47.18%	214	0.23%	1,264	1.37%
9	96,418	3,248.00	3.49%	29,094	30.17%	52,190	54.13%	7,881	8.17%	2,457	2.55%	2,641	2.74%
10	96,778	3,608.00	3.87%	26,523	27.41%	22,604	23.36%	36,134	37.34%	5,758	5.95%	2,457	2.54%
11	94,732	1,562.00	1.68%	29,716	31.37%	41,769	44.09%	14,429	15.23%	4,403	4.65%	2,801	2.96%
12	94,751	1,581.00	1.70%	18,820	19.86%	41,634	43.94%	19,785	20.88%	8,551	9.02%	3,422	3.61%
13	93,464	294.00	0.32%	20,935	22.40%	58,823	62.94%	4,893	5.24%	4,433	4.74%	2,435	2.61%
14	93,154	-16.00	-0.02%	13,270	14.25%	63,344	68.00%	7,049	7.57%	4,666	5.01%	3,650	3.92%
	1,304,379		8.18%	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	71,767	46,821	65.24%	14,928	20.80%	7,758	10.81%	806	1.12%	1,454	2.03%
2	76,900	27,937	36.33%	29,017	37.73%	12,353	16.06%	4,810	6.25%	2,783	3.62%
3	65,838	23,148	35.16%	7,106	10.79%	32,628	49.56%	1,280	1.94%	1,676	2.55%
4	67,401	29,589	43.90%	3,566	5.29%	32,369	48.02%	423	0.63%	1,454	2.16%
5	63,752	47,381	74.32%	4,627	7.26%	10,759	16.88%	153	0.24%	832	1.31%
6	64,375	49,215	76.45%	4,282	6.65%	8,507	13.21%	1,354	2.10%	1,017	1.58%
7	69,085	32,192	46.60%	10,141	14.68%	24,227	35.07%	883	1.28%	1,642	2.38%
8	62,363	25,211	40.43%	4,418	7.08%	31,256	50.12%	214	0.34%	1,264	2.03%
9	73,171	20,141	27.53%	41,835	57.17%	6,097	8.33%	2,457	3.36%	2,641	3.61%
10	72,429	18,120	25.02%	18,993	26.22%	27,101	37.42%	5,758	7.95%	2,457	3.39%
11	76,161	21,021	27.60%	36,302	47.66%	11,634	15.28%	4,403	5.78%	2,801	3.68%
12	76,710	13,847	18.05%	35,472	46.24%	15,418	20.10%	8,551	11.15%	3,422	4.46%
13	75,915	15,240	20.08%	49,637	65.38%	4,170	5.49%	4,433	5.84%	2,435	3.21%
14	83,838	11,099	13.24%	58,443	69.71%	5,980	7.13%	4,666	5.57%	3,650	4.35%
	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 - 39 out of 443 Neighborhood Associations

3. Compactness analysis for each district:

District	Area:	Perimeter:	Reock	Polsby-Popper	Convex Hull Ratio:	Schwartzberg
District 1	16.74	21.20	0.38	0.47	0.80	0.68
District 2	17.78	40.46	0.16	0.14	0.47	0.37
District 3	47.28	63.34	0.24	0.15	0.60	0.38
District 4	28.51	29.33	0.30	0.42	0.79	0.65
District 5	22.75	36.38	0.21	0.22	0.56	0.46
District 6	41.23	75.38	0.13	0.09	0.40	0.30
District 7	57.03	129.27	0.10	0.04	0.31	0.21
District 8	51.81	65.51	0.16	0.15	0.59	0.39
District 9	22.77	24.35	0.34	0.48	0.86	0.69
District 10	14.03	24.65	0.31	0.29	0.67	0.54
District 11	16.01	28.04	0.26	0.26	0.66	0.51
District 12	13.38	20.52	0.27	0.40	0.74	0.63
District 13	23.99	37.48	0.28	0.21	0.64	0.46
District 14	10.03	23.88	0.26	0.22	0.65	0.47
Average	27.38	44.27	0.24	0.25	0.63	0.48



City of Dallas

2021/22 City of Dallas Redistricting Plan Submission - COD-026-MCVLA on 4-2-22

Map Meets the Redistricting Criteria

General Information	
Plan-ID	COD-026-MCVLA
Submitted By	Melanie Vanlandingham
Submitted On	4/2/2022
Status	Meets Criteria
Deviation, Area and Perimeter	
Maximum Deviation	8.18%
Average Area	27.38
Average Perimeter	44.27
Average Compactness Scores	
Average Reock Score	0.24
Average Polsby-Popper Score	0.25
Average Convex Hull Score	0.63
Average Schwartzberg Score	0.48
Minority Majority Districts	
Number of Minority/Plurality Districts(3 NH-Black, 6 Hisp)	
Number of Neighborhood splits	39

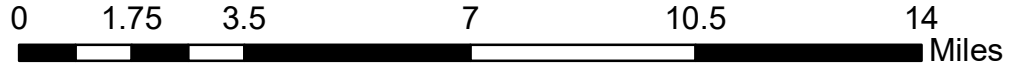
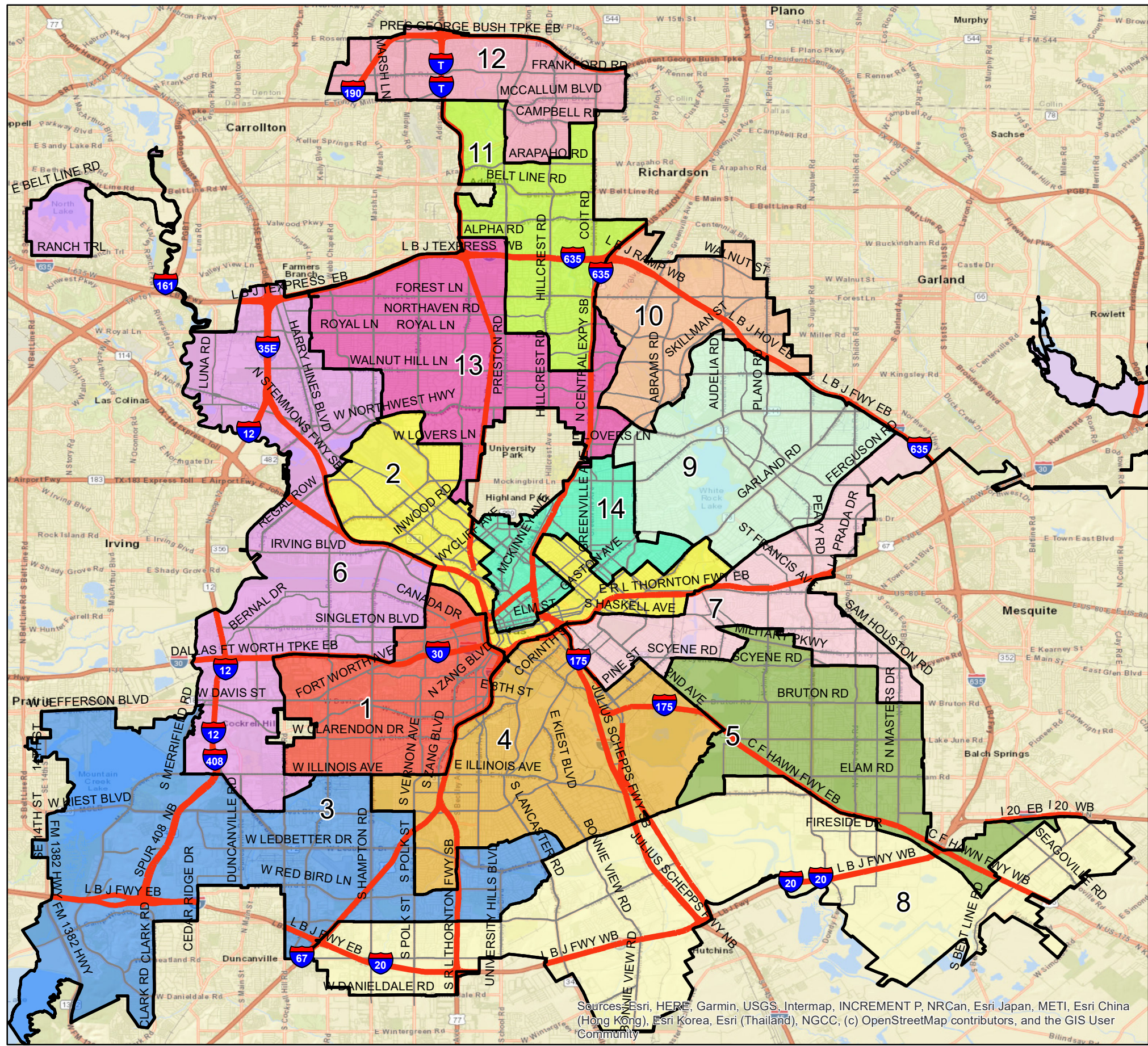
Highways

Districts

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

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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

