



City of Dallas 2021-22 Redistricting

Submitted Map Analysis

Plan Summary – Plan ID: COD-029-MCVLA (Submitter: Melanie Vanlandingham)

Date Submitted: 4-4-22

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 – 9.15%

2. Contiguity: All districts should be geographically contiguous.

Plan meets Criteria

Plan does not meet Criteria

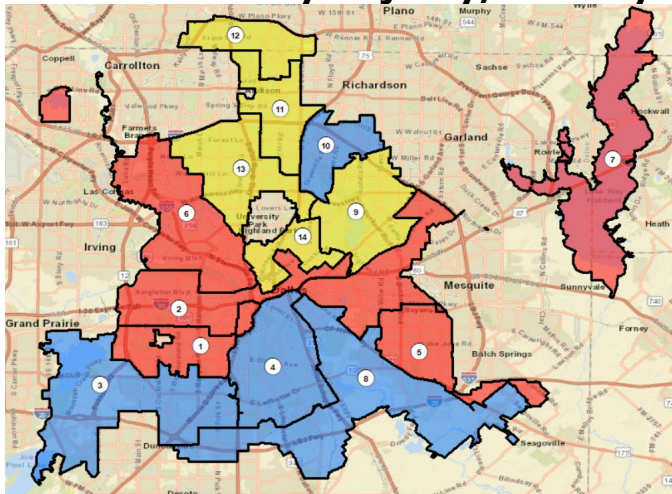
3. Unassigned Units – None

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 – 4(3, 4, 8, 10)

Hispanic – 5

(1, 2, 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	93,102	-68.00	-0.07%	75,769	81.38%	7,757	8.33%	7,434	7.98%	614	0.66%	1,083	1.16%
2	89,033	-4,137.00	-4.44%	45,114	50.67%	23,674	26.59%	15,140	17.00%	2,293	2.58%	2,161	2.43%
3	89,328	-3,842.00	-4.12%	31,798	35.60%	8,435	9.44%	44,755	50.10%	1,381	1.55%	1,890	2.12%
4	89,084	-4,086.00	-4.39%	38,208	42.89%	3,410	3.83%	45,279	50.83%	265	0.30%	1,318	1.48%
5	97,562	4,392.00	4.71%	72,393	74.20%	6,288	6.45%	17,254	17.69%	192	0.20%	933	0.96%
6	89,713	-3,457.00	-3.71%	56,838	63.36%	16,508	18.40%	9,892	11.03%	3,776	4.21%	1,804	2.01%
7	96,995	3,825.00	4.11%	56,111	57.85%	13,132	13.54%	23,819	24.56%	1,462	1.51%	1,606	1.66%
8	91,847	-1,323.00	-1.42%	42,155	45.90%	4,259	4.64%	43,301	47.14%	245	0.27%	1,224	1.33%
9	93,690	520.00	0.56%	23,392	24.97%	54,353	58.01%	9,184	9.80%	1,987	2.12%	2,671	2.85%
10	95,428	2,258.00	2.42%	26,491	27.76%	21,590	22.62%	35,640	37.35%	6,018	6.31%	2,440	2.56%
11	94,681	1,511.00	1.62%	29,710	31.38%	41,731	44.08%	14,429	15.24%	4,403	4.65%	2,800	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	95,550	2,380.00	2.55%	20,478	21.43%	60,419	63.23%	5,678	5.94%	4,500	4.71%	2,493	2.61%
14	93,615	445.00	0.48%	13,897	14.84%	63,203	67.51%	7,174	7.66%	4,504	4.81%	3,683	3.93%
	1,304,379		9.15%	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	68,147	53,843	79.01%	6,967	10.22%	5,640	8.28%	614	0.90%	1,083	1.59%
2	71,951	33,270	46.24%	22,009	30.59%	12,218	16.98%	2,293	3.19%	2,161	3.00%
3	65,787	21,073	32.03%	7,463	11.34%	33,980	51.65%	1,381	2.10%	1,890	2.87%
4	64,163	24,432	38.08%	3,037	4.73%	35,111	54.72%	265	0.41%	1,318	2.05%
5	66,861	47,346	70.81%	5,344	7.99%	13,046	19.51%	192	0.29%	933	1.40%
6	69,624	40,220	57.77%	15,583	22.38%	8,241	11.84%	3,776	5.42%	1,804	2.59%
7	70,993	38,318	53.97%	11,631	16.38%	17,976	25.32%	1,462	2.06%	1,606	2.26%
8	63,808	26,656	41.78%	3,549	5.56%	32,134	50.36%	245	0.38%	1,224	1.92%
9	71,337	16,160	22.65%	43,467	60.93%	7,052	9.89%	1,987	2.79%	2,671	3.74%
10	72,007	18,183	25.25%	18,531	25.73%	26,835	37.27%	6,018	8.36%	2,440	3.39%
11	76,126	21,016	27.61%	36,273	47.65%	11,634	15.28%	4,403	5.78%	2,800	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	77,927	14,984	19.23%	51,075	65.54%	4,875	6.26%	4,500	5.77%	2,493	3.20%
14	84,264	11,614	13.78%	58,366	69.27%	6,097	7.24%	4,504	5.35%	3,683	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 - 39 out of 443 Neighborhood Associations

3. Compactness analysis for each district:

District	Area:	Perimeter:	Reock	Polsby-Popper	Convex Hull Ratio:	Schwartzberg
District 1	16.06	32.61	0.27	0.19	0.66	0.44
District 2	22.90	39.43	0.18	0.19	0.55	0.43
District 3	45.50	58.40	0.30	0.17	0.65	0.41
District 4	28.60	28.16	0.37	0.45	0.88	0.67
District 5	18.15	32.39	0.20	0.22	0.58	0.47
District 6	36.20	58.71	0.16	0.13	0.53	0.36
District 7	60.66	129.23	0.11	0.05	0.34	0.21
District 8	55.48	77.98	0.16	0.11	0.46	0.34
District 9	23.85	29.53	0.33	0.34	0.81	0.59
District 10	12.66	21.26	0.32	0.35	0.75	0.59
District 11	15.97	28.02	0.26	0.26	0.66	0.51
District 12	13.38	20.52	0.27	0.40	0.74	0.63
District 13	24.01	31.66	0.28	0.30	0.70	0.55
District 14	9.93	23.56	0.26	0.22	0.65	0.47
Average	27.38	43.68	0.25	0.24	0.64	0.48



2021/22 City of Dallas Redistricting Plan Submission - COD-029-MCVLA on 4-4-22

Map Meets the Redistricting Criteria

General Information	
Plan-ID	COD-029-MCVLA
Submitted By	Melanie Vanlandingham
Submitted On	4/4/2022
Status	Meets Criteria
Deviation, Area and Perimeter	
Maximum Deviation	9.15%
Average Area	27.38
Average Perimeter	43.68
Average Compactness Scores	
Average Reock Score	0.25
Average Polsby-Popper Score	0.24
Average Convex Hull Score	0.64
Average Schwartzberg Score	0.48
Minority Majority Districts	
Number of Minority/Plurality District 9(4 NH-Black, 5 Hisp)	
Number of Neighborhood splits	39

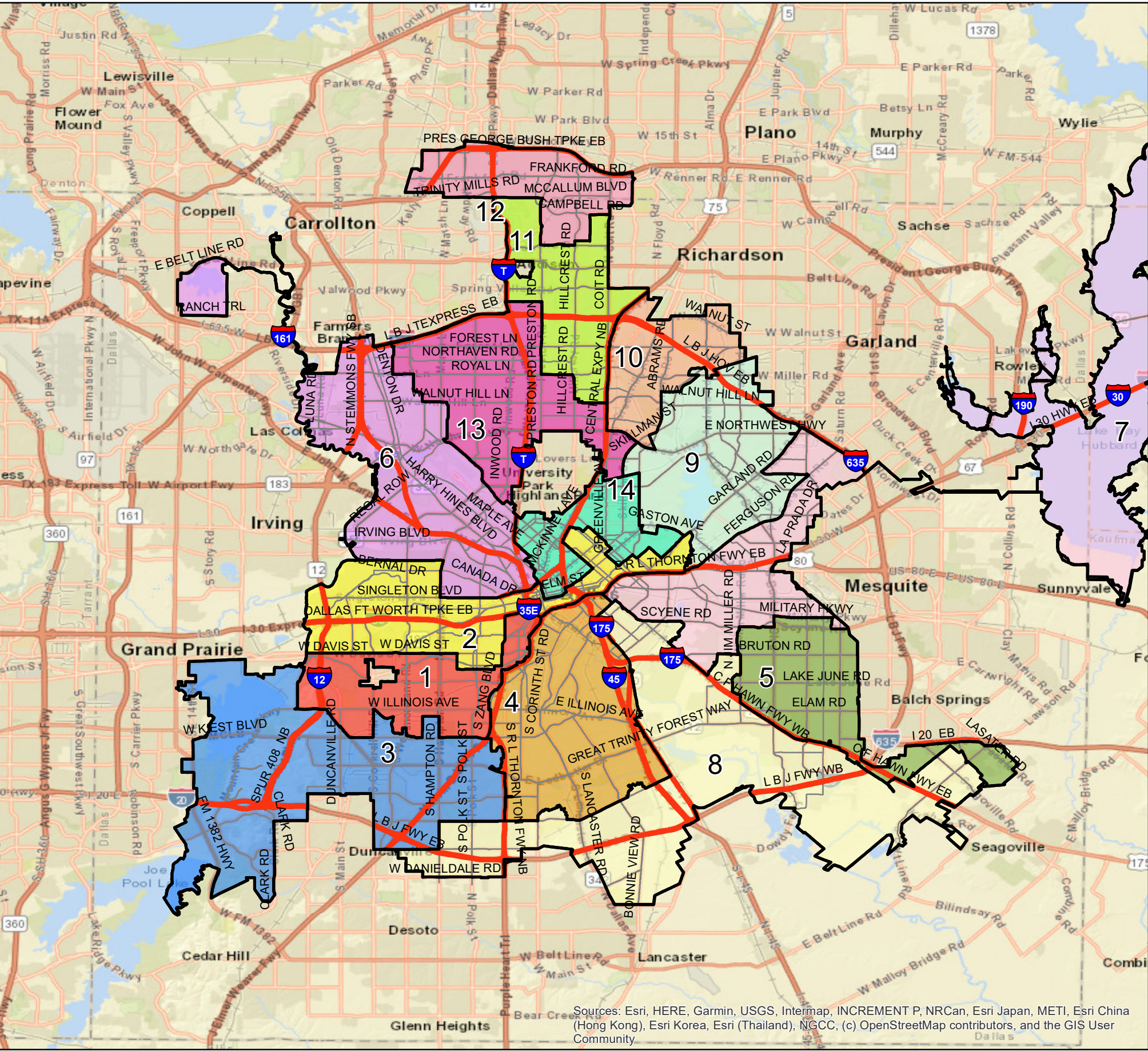
Highways

Districts

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

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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

