



City of Dallas 2021-22 Redistricting

Submitted Map Analysis

Plan Summary – Plan ID: COD-040-Garcia (Submitter: Domingo Garcia)

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 – 8.71%

2. Contiguity: All districts should be geographically contiguous.

Plan meets Criteria

Plan does not meet Criteria

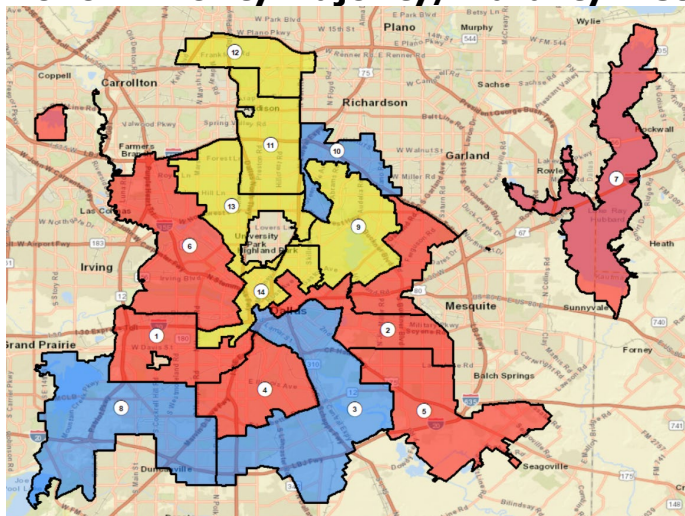
3. Unassigned Units – None

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 – 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	91,817	-1,353.00	-1.45%	73,515	80.07%	9,676	10.54%	6,514	7.09%	567	0.62%	1,545	1.68%
2	91,751	-1,419.00	-1.52%	55,661	60.67%	13,872	15.12%	18,724	20.41%	1,424	1.55%	2,070	2.26%
3	91,051	-2,119.00	-2.27%	27,968	30.72%	6,075	6.67%	54,115	59.43%	646	0.71%	2,247	2.47%
4	91,046	-2,124.00	-2.28%	45,638	50.13%	3,440	3.78%	39,587	43.48%	450	0.49%	1,931	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	96,849	3,679.00	3.95%	67,853	70.06%	10,828	11.18%	12,414	12.82%	3,814	3.94%	1,940	2.00%
7	92,700	-470.00	-0.50%	50,950	54.96%	16,314	17.60%	20,511	22.13%	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	90,228	-2,942.00	-3.16%	13,626	15.10%	63,287	70.14%	6,501	7.21%	2,566	2.84%	4,248	4.71%
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	96,281	3,111.00	3.34%	16,729	17.38%	63,015	65.45%	6,933	7.20%	5,536	5.75%	4,068	4.23%
14	96,043	2,873.00	3.08%	16,693	17.38%	60,431	62.92%	9,766	10.17%	4,922	5.12%	4,231	4.41%
	1,304,379		8.71%	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	67,305	52,344	77.77%	8,556	12.71%	4,755	7.06%	470	0.70%	1,180	1.75%
2	68,817	38,597	56.09%	13,032	18.94%	14,235	20.69%	1,310	1.90%	1,643	2.39%
3	67,087	18,093	26.97%	5,671	8.45%	41,119	61.29%	554	0.83%	1,650	2.46%
4	65,338	29,718	45.48%	2,986	4.57%	30,930	47.34%	380	0.58%	1,324	2.03%
5	61,967	45,285	73.08%	6,173	9.96%	9,416	15.20%	161	0.26%	932	1.50%
6	72,194	47,585	65.91%	9,998	13.85%	9,838	13.63%	3,281	4.54%	1,492	2.07%
7	68,494	34,814	50.83%	14,416	21.05%	15,544	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	69,732	9,513	13.64%	50,425	72.31%	4,980	7.14%	2,019	2.90%	2,795	4.01%
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	81,636	13,046	15.98%	54,806	67.13%	5,959	7.30%	4,822	5.91%	3,003	3.68%
14	86,673	13,934	16.08%	56,082	64.71%	8,539	9.85%	4,585	5.29%	3,533	4.08%
	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 - 58 out of 443 Neighborhood Associations

3. Compactness analysis for each district:

District	Area:	Perimeter:	Reock	Polsby-Popper	Convex Hull Ratio:	Schwartzberg
District 1	21.47	31.52	0.36	0.27	0.79	0.52
District 2	17.01	34.05	0.19	0.18	0.55	0.43
District 3	48.49	49.40	0.28	0.25	0.61	0.50
District 4	20.79	22.72	0.35	0.51	0.83	0.71
District 5	33.37	42.37	0.26	0.23	0.67	0.48
District 6	40.94	66.80	0.17	0.12	0.47	0.34
District 7	54.01	120.12	0.13	0.05	0.32	0.22
District 8	46.77	53.62	0.35	0.20	0.67	0.45
District 9	23.35	32.23	0.34	0.28	0.73	0.53
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	20.91	41.53	0.22	0.15	0.55	0.39
District 14	11.53	30.69	0.19	0.15	0.58	0.39
Average	27.38	42.95	0.27	0.24	0.63	0.47



City of Dallas

2021/22 City of Dallas Redistricting Plan Submission - COD-040-Garcia on 4-15-22

Map Meets the Redistricting Criteria

General Information	
Plan-ID	COD-040-Garcia
Submitted By	Domingo Garcia
Submitted On	4/15/2022
Status	Meets Criteria
Deviation, Area and Perimeter	
Maximum Deviation	8.71%
Average Area	27.38
Average Perimeter	42.95
Average Compactness Scores	
Average Reock Score	0.27
Average Polsby-Popper Score	0.24
Average Convex Hull Score	0.63
Average Schwartzberg Score	0.47
Minority Majority Districts	
Number of Minority/Plurality Districts	9(3 NHB, 6 Hisp)
Number of Neighborhood splits	58

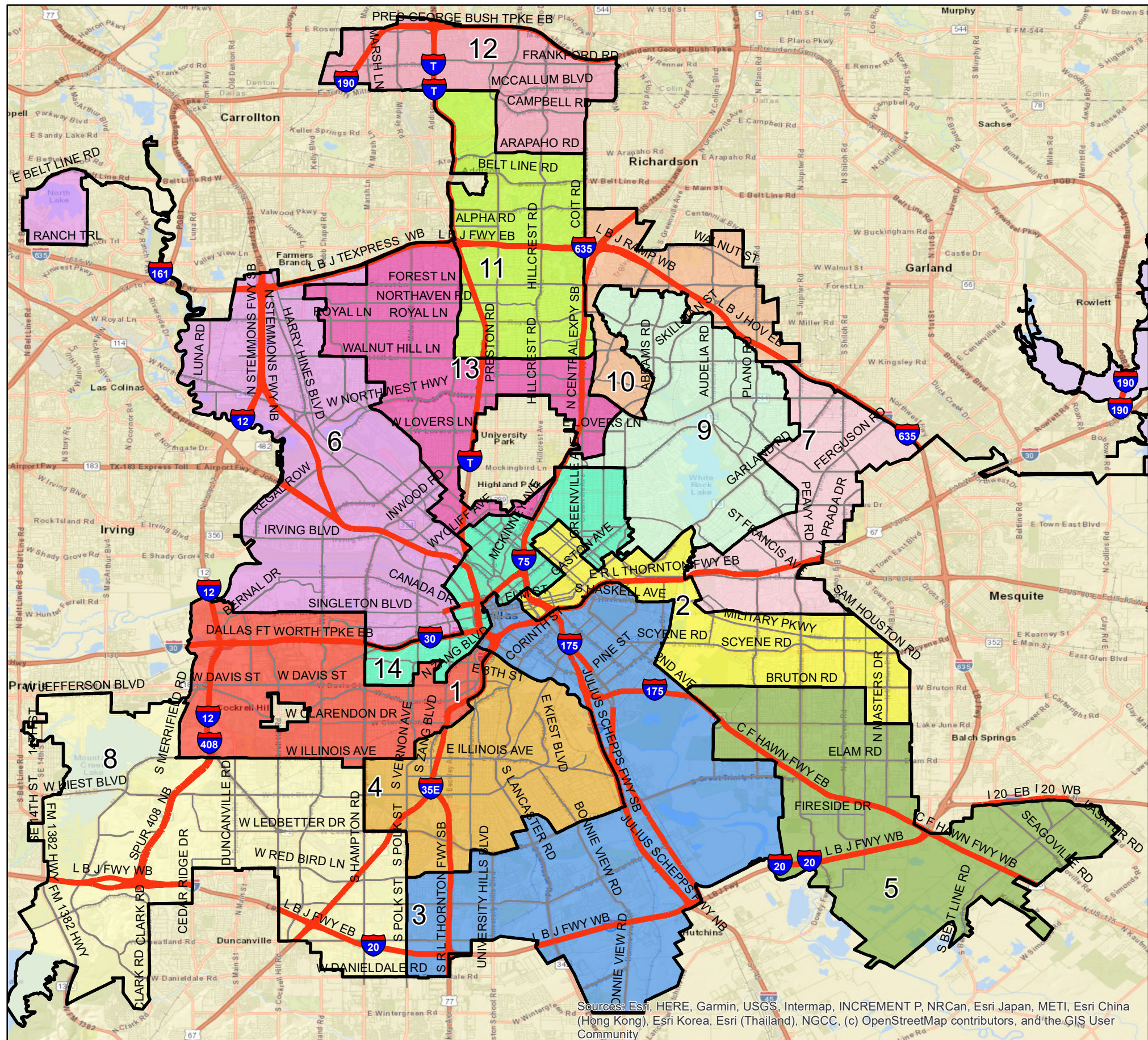
Highways

Districts

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

