



City of Dallas 2021-22 Redistricting

Submitted Map Analysis

Plan Summary – Plan ID: COD-009 (Submitter: Jay Mcdowell)

Date Submitted: - 1-31-22

Current Status: Submitted to the Redistricting Commission

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 – 4.24%

2. Contiguity: All districts should be geographically contiguous.

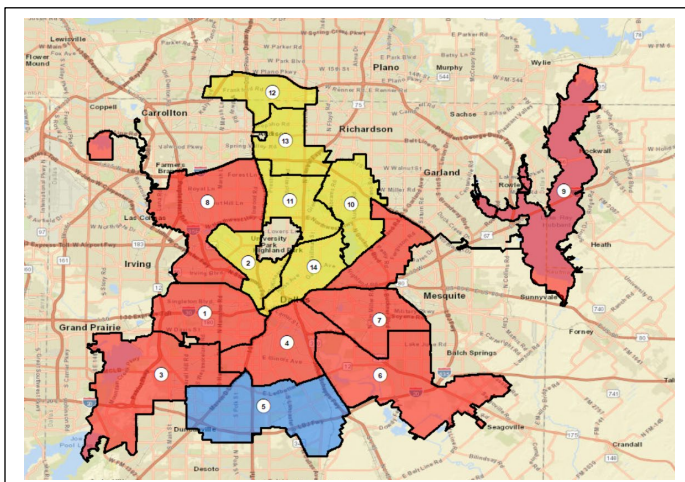
Plan meets Criteria **Plan does not meet Criteria**

3. Unassigned Census Blocks

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 – 1 (5)

Hispanic – 7
(1,3,4,6,7,8,9)

NH White – Yellow; Hispanic – Red; NH Black – Blue

Total Population by Race and Ethnicity by District

District	Total Population	Deviation		Hispanic		NH-White		NH-Black		NH-Asian		NH-Other	
		#	%	#	%	#	%	#	%	#	%	#	%
1	91,296	-1,874.00	-2.01%	62,304	68.24%	14,043	15.38%	11,792	12.92%	1,178	1.29%	1,979	2.17%
2	91,654	-1,516.00	-1.63%	21,723	23.70%	49,456	53.96%	10,523	11.48%	6,323	6.90%	3,629	3.96%
3	93,468	298.00	0.32%	57,918	61.97%	8,432	9.02%	23,226	24.85%	1,832	1.96%	2,060	2.20%
4	95,247	2,077.00	2.23%	48,215	50.62%	4,807	5.05%	40,041	42.04%	291	0.31%	1,893	1.99%
5	93,928	758.00	0.81%	26,072	27.76%	3,182	3.39%	61,878	65.88%	488	0.52%	2,308	2.46%
6	92,896	-274.00	-0.29%	64,584	69.52%	7,229	7.78%	19,247	20.72%	296	0.32%	1,540	1.66%
7	94,180	1,010.00	1.08%	62,094	65.93%	5,615	5.96%	24,531	26.05%	454	0.48%	1,486	1.58%
8	92,957	-213.00	-0.23%	49,034	52.75%	33,677	36.23%	4,734	5.09%	2,977	3.20%	2,535	2.73%
9	93,533	363.00	0.39%	46,966	50.21%	24,307	25.99%	16,666	17.82%	2,769	2.96%	2,825	3.02%
10	94,882	1,712.00	1.84%	18,748	19.76%	39,466	41.59%	27,685	29.18%	5,196	5.48%	3,787	3.99%
11	91,731	-1,439.00	-1.54%	21,405	23.33%	47,166	51.42%	11,850	12.92%	7,745	8.44%	3,565	3.89%
12	92,906	-264.00	-0.28%	18,667	20.09%	39,483	42.50%	20,285	21.83%	9,837	10.59%	4,634	4.99%
13	91,867	-1,303.00	-1.40%	30,692	33.41%	36,388	39.61%	16,538	18.00%	4,647	5.06%	3,602	3.92%
14	93,834	664.00	0.71%	22,752	24.25%	53,142	56.63%	9,768	10.41%	3,787	4.04%	4,385	4.67%
	1,304,379		4.24%	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 by District

District	Total Voting Age Population	Hispanic		NH-White		NH-Black		NH-Asian		NH-Other	
		#	%	#	%	#	%	#	%	#	%
1	68,630	44,425	64.73%	12,498	18.21%	9,120	13.29%	1,049	1.53%	1,538	2.24%
2	84,572	18,031	21.32%	47,822	56.55%	9,569	11.31%	5,942	7.03%	3,208	3.79%
3	67,425	39,917	59.20%	7,451	11.05%	17,103	25.37%	1,516	2.25%	1,438	2.13%
4	69,194	31,879	46.07%	4,320	6.24%	31,393	45.37%	223	0.32%	1,379	1.99%
5	68,239	16,467	24.13%	2,758	4.04%	46,966	68.83%	418	0.61%	1,630	2.39%
6	62,637	41,425	66.14%	6,017	9.61%	13,959	22.29%	201	0.32%	1,035	1.65%
7	66,794	41,664	62.38%	4,968	7.44%	18,730	28.04%	404	0.60%	1,028	1.54%
8	69,027	33,820	49.00%	27,459	39.78%	3,768	5.46%	2,309	3.35%	1,671	2.42%
9	70,177	32,259	45.97%	21,167	30.16%	12,547	17.88%	2,155	3.07%	2,049	2.92%
10	70,851	12,701	17.93%	31,408	44.33%	20,281	28.62%	3,906	5.51%	2,555	3.61%
11	75,603	15,522	20.53%	41,562	54.97%	9,821	12.99%	6,044	7.99%	2,654	3.51%
12	76,471	13,928	18.21%	34,538	45.16%	15,909	20.80%	8,643	11.30%	3,453	4.52%
13	71,922	21,343	29.68%	30,849	42.89%	13,101	18.22%	4,059	5.64%	2,570	3.57%
14	78,163	17,581	22.49%	45,950	58.79%	7,990	10.22%	3,322	4.25%	3,320	4.25%
	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 Association splits - 28 out of 443

3. Compactness analysis for each district:

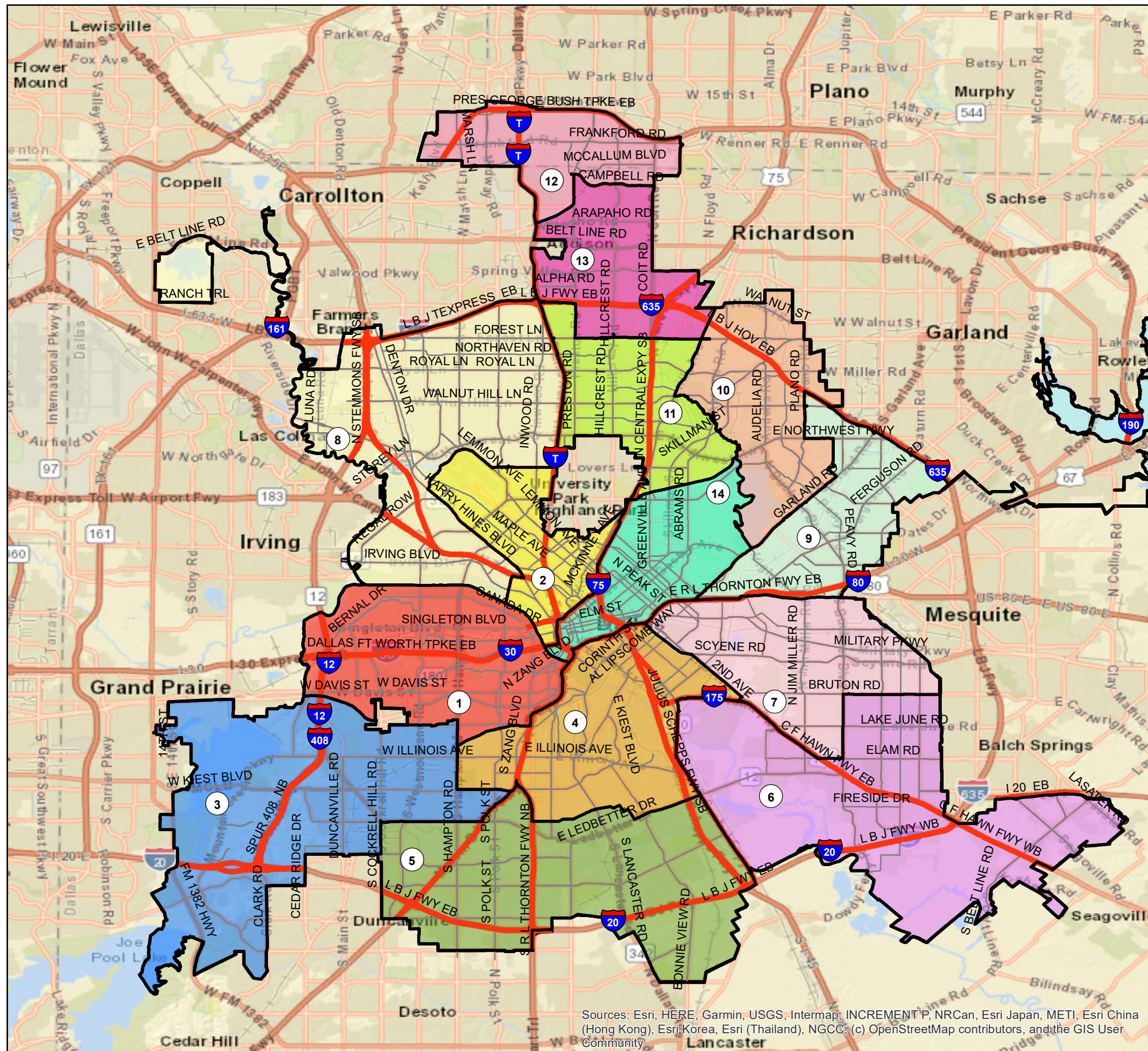
District	Area:	Perimeter:	Reock	Polsby-Popper	Convex Hull Ratio:	Schwarzberg
District 1	24.53	23.83	0.40	0.54	0.88	0.74
District 2	12.76	23.05	0.25	0.30	0.68	0.55
District 3	42.46	49.08	0.30	0.22	0.68	0.47
District 4	24.67	25.92	0.33	0.46	0.78	0.68
District 5	38.58	34.02	0.36	0.42	0.77	0.65
District 6	44.51	48.21	0.28	0.24	0.69	0.49
District 7	21.05	22.18	0.31	0.54	0.86	0.73
District 8	41.65	62.32	0.20	0.13	0.49	0.37
District 9	55.51	116.47	0.13	0.05	0.32	0.23
District 10	18.50	29.81	0.28	0.26	0.76	0.51
District 11	15.76	26.42	0.30	0.28	0.67	0.53
District 12	13.52	20.57	0.27	0.40	0.76	0.63
District 13	15.25	22.49	0.39	0.38	0.79	0.62
District 14	14.61	20.95	0.26	0.42	0.84	0.65
Average	27.38	37.52	0.29	0.33	0.71	0.56

Attachments:1. Map and summary demographic report of proposed council districts



2021/22 City of Dallas Redistricting Plan Submission - COD-009 by Jay Macdowell 1-31-22

Map Meets the Redistricting Criteria



General Information	
Plan-ID	COD-009
Submitted By	Jay Mcdowell
Submitted On	1/31/2022
Status	Meets Criteria
Deviation, Area and Perimeter	
Maximum Deviation	4.24%
Average Area	27.38
Average Perimeter	37.52
Average Compactness Scores	
Average Reock Score	0.29
Average Polsby-Popper Score	0.33
Average Convex Hull Score	0.71
Average Schwartzberg Score	0.56
Minority Majority Districts	
Number of Minority/Plurality Districts	8
Number of Neighborhood Associations Splits	28

Highways

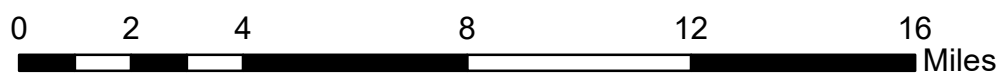
Districts

- 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



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

