



# City of Dallas 2021-22 Redistricting

## Submitted Map Analysis

**Plan Summary** – Plan ID: COD-044-Evans (Submitter: Sarah Evans)

**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 – 4.33%

**2. Contiguity:** All districts should be geographically contiguous.

**Plan meets Criteria**

**Plan does not meet Criteria**

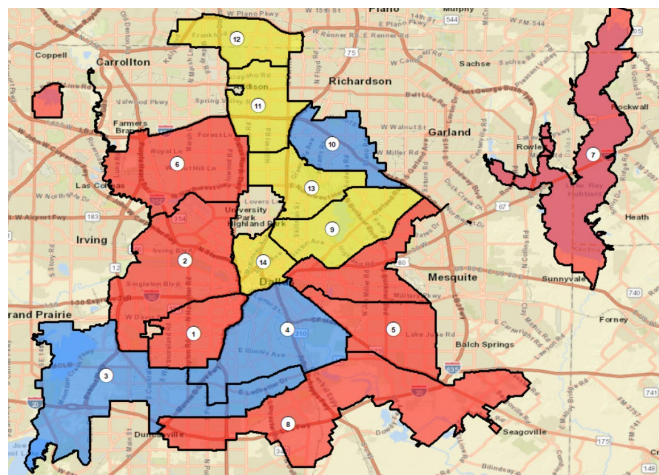
**3. Unassigned Units – None**

**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(3,4, 10)

Hispanic –6  
(1, 2, 5, 6, 7,8)

(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	94,647	1,477.00	1.59%	69,098	<b>73.01%</b>	14,032	14.83%	9,048	9.56%	669	0.71%	1,800	1.90%
2	92,628	-542.00	-0.58%	50,144	<b>54.13%</b>	17,467	18.86%	18,871	20.37%	3,804	4.11%	2,342	2.53%
3	95,652	2,482.00	2.66%	39,424	41.22%	7,829	8.18%	44,346	<b>46.36%</b>	1,694	1.77%	2,359	2.47%
4	91,973	-1,197.00	-1.28%	40,502	44.04%	4,434	4.82%	44,204	<b>48.06%</b>	545	0.59%	2,288	2.49%
5	93,830	660.00	0.71%	68,656	<b>73.17%</b>	4,382	4.67%	19,264	20.53%	209	0.22%	1,319	1.41%
6	92,711	-459.00	-0.49%	48,149	<b>51.93%</b>	35,508	38.30%	3,405	3.67%	3,132	3.38%	2,517	2.71%
7	93,438	268.00	0.29%	55,754	<b>59.67%</b>	12,198	13.05%	22,322	23.89%	1,082	1.16%	2,082	2.23%
8	92,874	-296.00	-0.32%	42,889	<b>46.18%</b>	5,990	6.45%	41,775	44.98%	316	0.34%	1,904	2.05%
9	91,926	-1,244.00	-1.34%	28,081	30.55%	51,521	56.05%	5,751	6.26%	2,640	2.87%	3,933	4.28%
10	91,617	-1,553.00	-1.67%	22,072	24.09%	26,289	28.69%	33,793	<b>36.89%</b>	6,005	6.55%	3,458	3.77%
11	94,619	1,449.00	1.56%	31,613	33.41%	40,807	43.13%	13,619	14.39%	4,964	5.25%	3,616	3.82%
12	93,121	-49.00	-0.05%	18,451	19.81%	40,477	43.47%	19,807	21.27%	9,705	10.42%	4,681	5.03%
13	93,422	252.00	0.27%	20,248	21.67%	50,571	54.13%	11,471	12.28%	7,404	7.93%	3,728	3.99%
14	91,921	-1,249.00	-1.34%	16,093	17.51%	54,888	59.71%	11,088	12.06%	5,651	6.15%	4,201	4.57%
	1,304,379		4.33%	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	71,088	49,562	<b>69.72%</b>	12,435	17.49%	7,089	9.97%	584	0.82%	1,418	1.99%
2	72,994	36,272	<b>49.69%</b>	16,355	22.41%	15,115	20.71%	3,416	4.68%	1,836	2.52%
3	70,604	26,336	37.30%	6,934	9.82%	34,243	<b>48.50%</b>	1,417	2.01%	1,674	2.37%
4	66,857	26,157	39.12%	3,945	5.90%	34,679	<b>51.87%</b>	436	0.65%	1,640	2.45%
5	65,326	45,501	<b>69.65%</b>	3,849	5.89%	14,918	22.84%	173	0.26%	885	1.35%
6	68,907	33,222	<b>48.21%</b>	28,866	41.89%	2,732	3.96%	2,412	3.50%	1,675	2.43%
7	68,181	38,373	<b>56.28%</b>	10,752	15.77%	16,598	24.34%	934	1.37%	1,524	2.24%
8	62,905	26,441	42.03%	4,896	7.78%	30,055	<b>47.78%</b>	228	0.36%	1,285	2.04%
9	71,988	19,761	27.45%	42,751	59.39%	4,592	6.38%	2,194	3.05%	2,690	3.74%
10	68,616	15,060	21.95%	21,635	31.53%	25,112	<b>36.60%</b>	4,421	6.44%	2,388	3.48%
11	74,716	22,008	29.46%	34,846	46.64%	10,884	14.57%	4,352	5.82%	2,626	3.51%
12	75,886	13,642	17.98%	34,899	45.99%	15,458	20.37%	8,471	11.16%	3,416	4.50%
13	76,211	14,771	19.38%	43,409	56.96%	9,495	12.46%	5,784	7.59%	2,752	3.61%
14	85,426	13,856	16.22%	53,195	62.27%	9,287	10.87%	5,369	6.28%	3,719	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 - 29 out of 443 Neighborhood Associations**

**3. Compactness analysis for each district:**

District	Area:	Perimeter:	Reock	Polsby-Popper	Convex Hull Ratio:	Schwartzberg
District 1	15.10	19.20	0.41	0.51	0.91	0.72
District 2	37.28	34.46	0.34	0.39	0.80	0.63
District 3	48.51	65.25	0.21	0.14	0.56	0.38
District 4	30.27	28.68	0.30	0.46	0.80	0.68
District 5	19.42	22.91	0.29	0.47	0.80	0.68
District 6	33.83	53.33	0.20	0.15	0.51	0.39
District 7	57.21	122.05	0.11	0.05	0.33	0.22
District 8	53.32	64.54	0.16	0.16	0.60	0.40
District 9	21.09	21.83	0.31	0.56	0.86	0.75
District 10	14.42	23.98	0.28	0.32	0.75	0.56
District 11	15.56	21.00	0.39	0.44	0.83	0.67
District 12	14.12	20.01	0.30	0.44	0.81	0.67
District 13	14.67	21.68	0.31	0.39	0.73	0.63
District 14	8.55	15.04	0.35	0.47	0.82	0.69
<b>Average</b>	<b>27.38</b>	<b>38.14</b>	<b>0.28</b>	<b>0.35</b>	<b>0.72</b>	<b>0.57</b>





# 2021/22 City of Dallas Redistricting Plan Submission - COD-044-Evans on 4-15-22

## Map Meets the Redistricting Criteria

General Information	
Plan-ID	COD-044-Evans
Submitted By	Sarah Evans
Submitted On	4/15/2022
Status	Meets Criteria
Deviation, Area and Perimeter	
Maximum Deviation	4.33%
Average Area	27.38
Average Perimeter	38.14
Average Compactness Scores	
Average Reock Score	0.28
Average Polsby-Popper Score	0.35
Average Convex Hull Score	0.72
Average Schwartzberg Score	0.57
Minority Majority Districts	
Number of Minority/Plurality Districts	9(3 NHB, 6 Hisp)
Number of Neighborhood splits	29

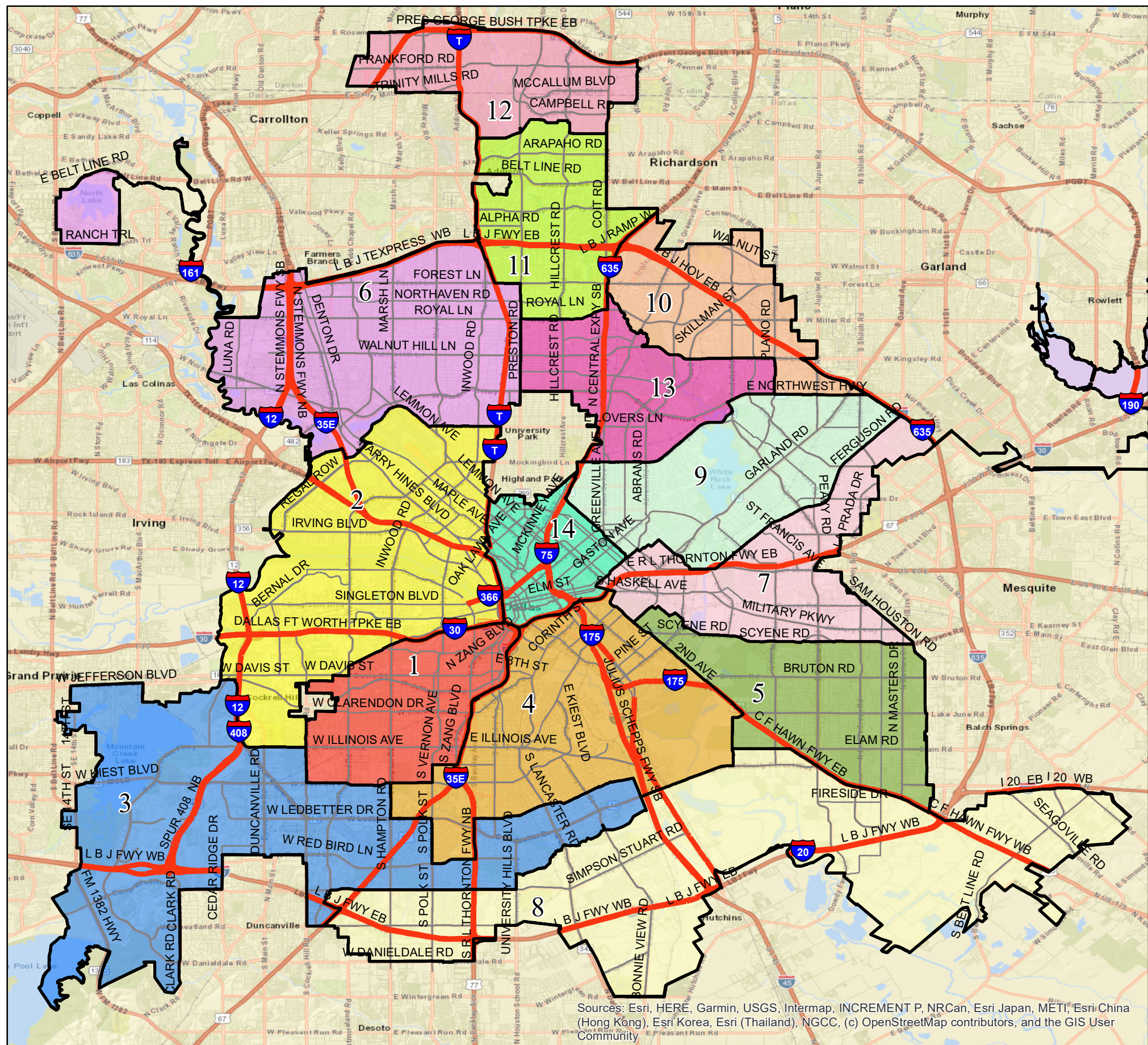
**Highways**

**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

