



## City of Dallas 2021-22 Redistricting

### Submitted Map Analysis

**Plan Summary** – Plan ID: COD-013-Betzen (Submitter: Bill Betzen)

**Date Submitted:** - 2-10-22

**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 – 9.46%

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

**Plan meets Criteria**

**Plan does not meet Criteria**

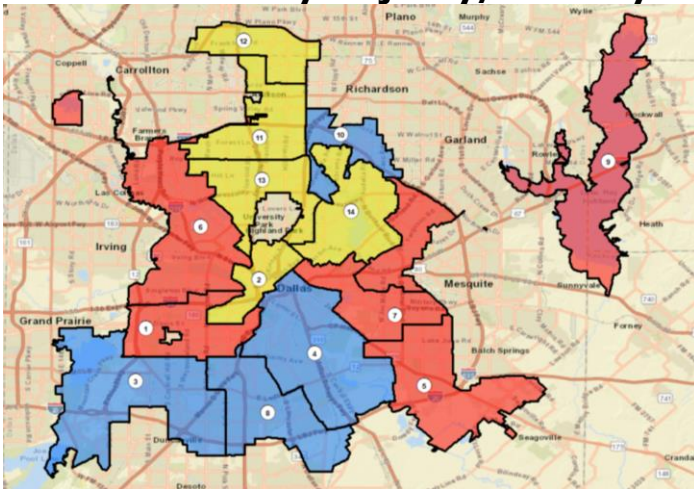
**3. Unassigned Units – None**

**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  
(1,5,6,7,9)

(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	90,529	-2,641.00	-2.83%	71,807	<b>79.32%</b>	9,789	10.81%	6,671	7.37%	679	0.75%	1,583	1.75%
2	93,472	302.00	0.32%	18,021	19.28%	54,353	58.15%	12,065	12.91%	5,136	5.49%	3,897	4.17%
3	91,014	-2,156.00	-2.31%	36,394	39.99%	7,824	8.60%	42,693	<b>46.91%</b>	1,722	1.89%	2,381	2.62%
4	91,140	-2,030.00	-2.18%	29,992	32.91%	8,223	9.02%	49,517	<b>54.33%</b>	1,025	1.12%	2,383	2.61%
5	90,011	-3,159.00	-3.39%	67,560	<b>75.06%</b>	7,347	8.16%	13,413	14.90%	264	0.29%	1,427	1.59%
6	93,076	-94.00	-0.10%	68,559	<b>73.66%</b>	8,151	8.76%	11,462	12.31%	3,191	3.43%	1,713	1.84%
7	89,532	-3,638.00	-3.90%	59,900	<b>66.90%</b>	8,314	9.29%	19,009	21.23%	681	0.76%	1,628	1.82%
8	89,843	-3,327.00	-3.57%	41,612	46.32%	3,241	3.61%	42,662	<b>47.49%</b>	446	0.50%	1,882	2.09%
9	89,594	-3,576.00	-3.84%	49,007	<b>54.70%</b>	16,495	18.41%	19,181	21.41%	2,545	2.84%	2,366	2.64%
10	94,803	1,633.00	1.75%	33,182	35.00%	14,134	14.91%	36,370	<b>38.36%</b>	7,871	8.30%	3,246	3.42%
11	97,557	4,387.00	4.71%	25,244	25.88%	49,964	51.22%	12,824	13.15%	5,574	5.71%	3,951	4.05%
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	97,624	4,454.00	4.78%	16,147	16.54%	63,241	64.78%	8,123	8.32%	6,029	6.18%	4,084	4.18%
14	97,837	4,667.00	5.01%	14,444	14.76%	71,050	72.62%	4,838	4.94%	2,739	2.80%	4,766	4.87%
	1,304,379	9.46%		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	67,050	51,290	<b>76.50%</b>	8,804	13.13%	5,141	7.67%	586	0.87%	1,229	1.83%
2	86,574	15,413	17.80%	52,379	60.50%	10,434	12.05%	4,925	5.69%	3,423	3.95%
3	66,310	24,388	36.78%	6,922	10.44%	31,872	<b>48.07%</b>	1,438	2.17%	1,690	2.55%
4	67,887	19,508	28.74%	7,742	11.40%	37,971	<b>55.93%</b>	860	1.27%	1,806	2.66%
5	61,012	43,547	<b>71.37%</b>	6,126	10.04%	10,194	16.71%	193	0.32%	952	1.56%
6	67,704	47,642	<b>70.37%</b>	7,332	10.83%	8,729	12.89%	2,727	4.03%	1,274	1.88%
7	64,554	40,860	<b>63.30%</b>	7,457	11.55%	14,389	22.29%	620	0.96%	1,228	1.90%
8	64,524	27,033	41.90%	2,819	4.37%	33,014	<b>51.17%</b>	377	0.58%	1,281	1.99%
9	66,409	33,619	<b>50.62%</b>	14,562	21.93%	14,516	21.86%	1,979	2.98%	1,733	2.61%
10	70,269	22,409	31.89%	12,530	17.83%	27,333	<b>38.90%</b>	5,676	8.08%	2,321	3.30%
11	78,559	18,130	23.08%	42,519	54.12%	10,272	13.08%	4,794	6.10%	2,844	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	83,324	12,779	15.34%	55,238	66.29%	7,045	8.45%	5,234	6.28%	3,028	3.63%
14	76,187	10,157	13.33%	56,891	74.67%	3,821	5.02%	2,142	2.81%	3,176	4.17%
	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 - 51 out of 443 Neighborhood Associations**

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

District	Area:	Perimeter:	Reock	Polsby-Popper	Convex Hull Ratio:	Schwartzberg
District 1	19.70	32.35	0.35	0.24	0.763	0.49
District 2	10.75	19.69	0.26	0.35	0.753	0.59
District 3	46.74	53.64	0.35	0.20	0.668	0.45
District 4	41.62	32.83	0.33	0.49	0.832	0.70
District 5	32.40	42.45	0.26	0.23	0.632	0.48
District 6	41.52	77.25	0.17	0.09	0.366	0.30
District 7	18.21	27.02	0.24	0.31	0.722	0.56
District 8	27.51	32.08	0.29	0.34	0.708	0.58
District 9	53.43	118.72	0.13	0.05	0.318	0.22
District 10	12.03	33.32	0.26	0.14	0.547	0.37
District 11	20.98	32.00	0.32	0.26	0.665	0.51
District 12	14.12	20.47	0.29	0.42	0.752	0.65
District 13	19.67	35.52	0.28	0.20	0.607	0.44
District 14	24.66	33.72	0.35	0.27	0.740	0.52
<b>Average</b>	<b>27.38</b>	<b>42.22</b>	<b>0.28</b>	<b>0.26</b>	<b>0.65</b>	<b>0.49</b>

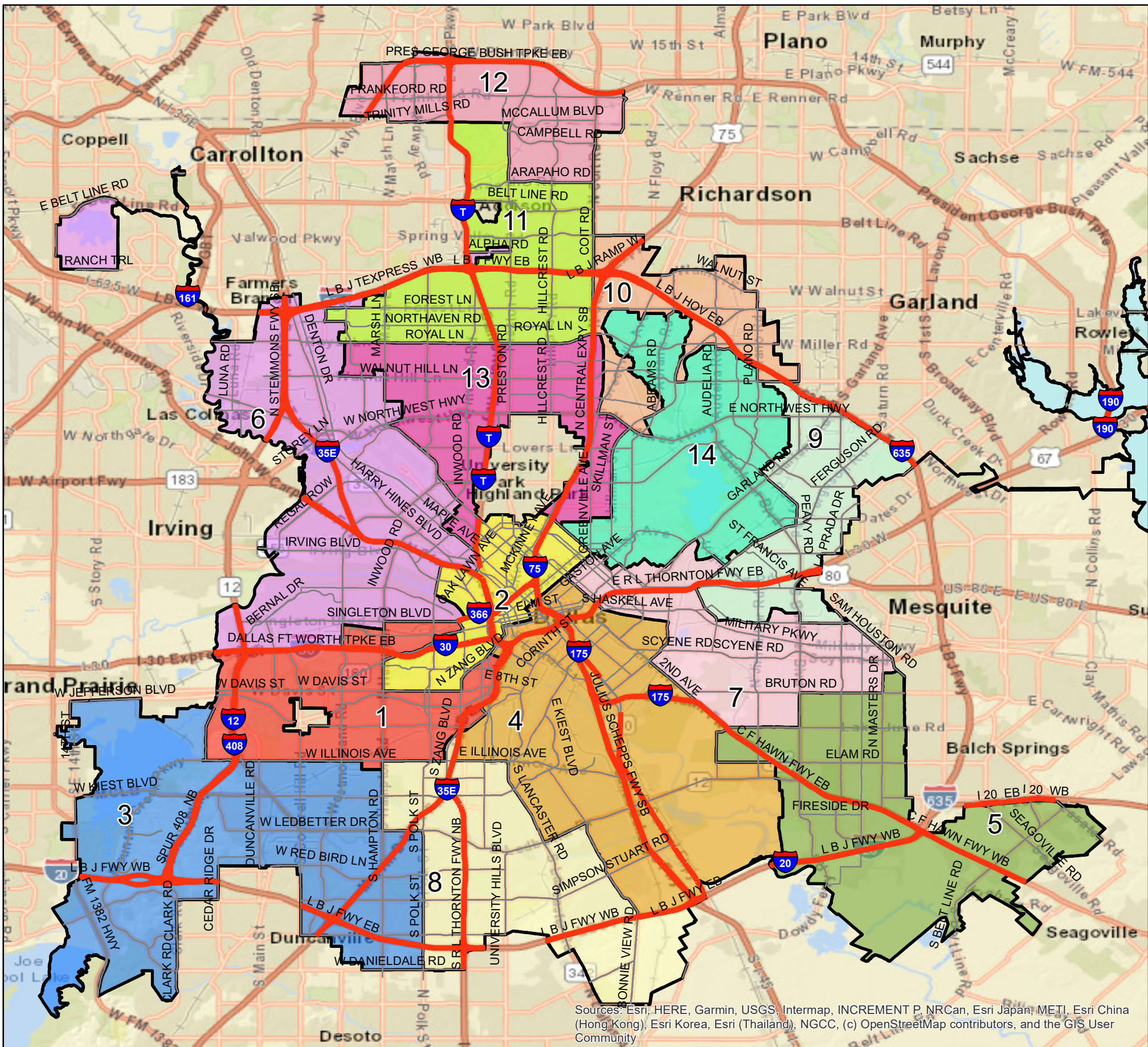




City of Dallas

# 2021/22 City of Dallas Redistricting Plan Submission - COD-013-Betzen on 2-10-22

## Map Meets the Redistricting Criteria



General Information	
Plan-ID	COD-013-Betzen
Submitted By	Bill Betzen
Submitted On	2/10/2022
Status	Meets Criteria
Deviation, Area and Perimeter	
Maximum Deviation	9.46%
Average Area	27.38
Average Perimeter	42.22
Average Compactness Scores	
Average Reock Score	0.28
Average Polsby-Popper Score	0.26
Average Convex Hull Score	0.65
Average Schwartzberg Score	0.49
Minority Majority Districts	
Number of Minority/Plurality Districts	9 (NH-Blk -4; Hisp - 5)
Number of Neighborhood splits	51

**Highways**

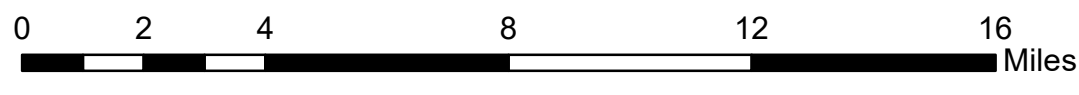
**Districts**

	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



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

