



# City of Dallas 2021-22 Redistricting

## Submitted Map Analysis

**Plan Summary** – Plan ID: COD-038-Betzen (Submitter: Bill Betzen)

**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 – 8.90%

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

**Plan meets Criteria**

**Plan does not meet Criteria**

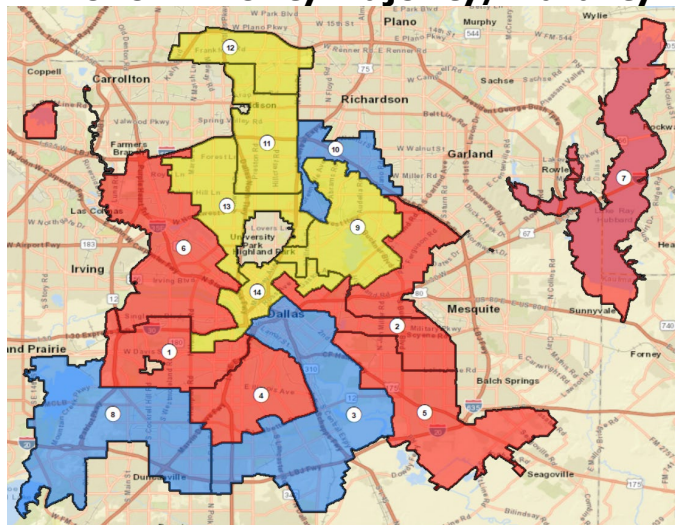
**3. Unassigned Units – None**

**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(3.8.10)

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	90,057	-3,113.00	-3.34%	71,776	<b>79.70%</b>	10,088	11.20%	6,074	6.74%	569	0.63%	1,550	1.72%
2	90,238	-2,932.00	-3.15%	57,577	<b>63.81%</b>	10,703	11.86%	19,096	21.16%	1,065	1.18%	1,797	1.99%
3	90,154	-3,016.00	-3.24%	26,465	29.36%	7,183	7.97%	53,307	<b>59.13%</b>	887	0.98%	2,312	2.56%
4	90,499	-2,671.00	-2.87%	45,283	<b>50.04%</b>	3,346	3.70%	39,502	43.65%	448	0.50%	1,920	2.12%
5	90,078	-3,092.00	-3.32%	68,980	<b>76.58%</b>	7,146	7.93%	12,348	13.71%	229	0.25%	1,375	1.53%
6	95,722	2,552.00	2.74%	68,441	<b>71.50%</b>	9,569	10.00%	12,452	13.01%	3,423	3.58%	1,837	1.92%
7	91,355	-1,815.00	-1.95%	50,248	<b>55.00%</b>	15,790	17.28%	20,446	22.38%	2,523	2.76%	2,348	2.57%
8	90,357	-2,813.00	-3.02%	36,267	40.14%	7,819	8.65%	42,168	<b>46.67%</b>	1,722	1.91%	2,381	2.64%
9	97,962	4,792.00	5.14%	14,686	14.99%	69,231	70.67%	6,711	6.85%	2,714	2.77%	4,620	4.72%
10	90,112	-3,058.00	-3.28%	31,862	35.36%	13,037	14.47%	34,335	<b>38.10%</b>	7,830	8.69%	3,048	3.38%
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	95,964	2,794.00	3.00%	18,500	19.28%	60,348	62.89%	7,279	7.59%	5,845	6.09%	3,992	4.16%
14	98,199	5,029.00	5.40%	16,932	17.24%	61,017	62.14%	10,944	11.14%	5,001	5.09%	4,305	4.38%
	1,304,379		8.90%	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	66,420	51,209	<b>77.10%</b>	8,971	13.51%	4,572	6.88%	478	0.72%	1,190	1.79%
2	66,362	39,807	<b>59.98%</b>	9,914	14.94%	14,311	21.57%	963	1.45%	1,367	2.06%
3	66,936	17,090	25.53%	6,733	10.06%	40,645	<b>60.72%</b>	731	1.09%	1,737	2.60%
4	64,968	29,480	45.38%	2,900	4.46%	30,895	<b>47.55%</b>	378	0.58%	1,315	2.02%
5	60,899	44,446	<b>72.98%</b>	5,951	9.77%	9,404	15.44%	163	0.27%	935	1.54%
6	70,483	47,781	<b>67.79%</b>	8,716	12.37%	9,645	13.68%	2,946	4.18%	1,395	1.98%
7	67,481	34,353	<b>50.91%</b>	13,960	20.69%	15,493	22.96%	1,964	2.91%	1,711	2.54%
8	65,761	24,312	36.97%	6,918	10.52%	31,402	<b>47.75%</b>	1,438	2.19%	1,691	2.57%
9	76,331	10,327	13.53%	55,604	72.85%	5,190	6.80%	2,137	2.80%	3,073	4.03%
10	66,550	21,451	32.23%	11,506	17.29%	25,815	<b>38.79%</b>	5,610	8.43%	2,168	3.26%
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	80,883	14,397	17.80%	52,190	64.53%	6,306	7.80%	5,052	6.25%	2,938	3.63%
14	89,409	14,156	15.83%	57,299	64.09%	9,551	10.68%	4,761	5.32%	3,642	4.07%
	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	20.68	31.45	0.35	0.26	0.76	0.51
District 2	14.79	29.48	0.17	0.21	0.58	0.46
District 3	48.81	47.58	0.27	0.27	0.63	0.52
District 4	20.67	22.98	0.35	0.49	0.83	0.70
District 5	35.06	45.71	0.23	0.21	0.65	0.46
District 6	40.97	69.08	0.17	0.11	0.45	0.33
District 7	53.95	119.92	0.13	0.05	0.32	0.22
District 8	46.65	53.86	0.35	0.20	0.67	0.45
District 9	24.42	33.28	0.34	0.28	0.73	0.53
District 10	11.63	30.99	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	20.88	38.08	0.21	0.18	0.54	0.43
District 14	11.82	32.06	0.18	0.14	0.56	0.38
<b>Average</b>	<b>27.38</b>	<b>42.82</b>	<b>0.26</b>	<b>0.24</b>	<b>0.63</b>	<b>0.48</b>



# 2021/22 City of Dallas Redistricting Plan Submission - COD-038-Betzen on 4-15-22

## Map Meets the Redistricting Criteria

General Information	
Plan-ID	COD-038-Betzen
Submitted By	Bill Betzen
Submitted On	4/15/2022
Status	Meets Criteria
Deviation, Area and Perimeter	
Maximum Deviation	8.90%
Average Area	27.38
Average Perimeter	42.82
Average Compactness Scores	
Average Reock Score	0.26
Average Polsby-Popper Score	0.24
Average Convex Hull Score	0.63
Average Schwartzberg Score	0.48
Minority Majority Districts	
Number of Minority/Plurality Districts (3 NH-Black, 6 Hisp)	
Number of Neighborhood splits	39

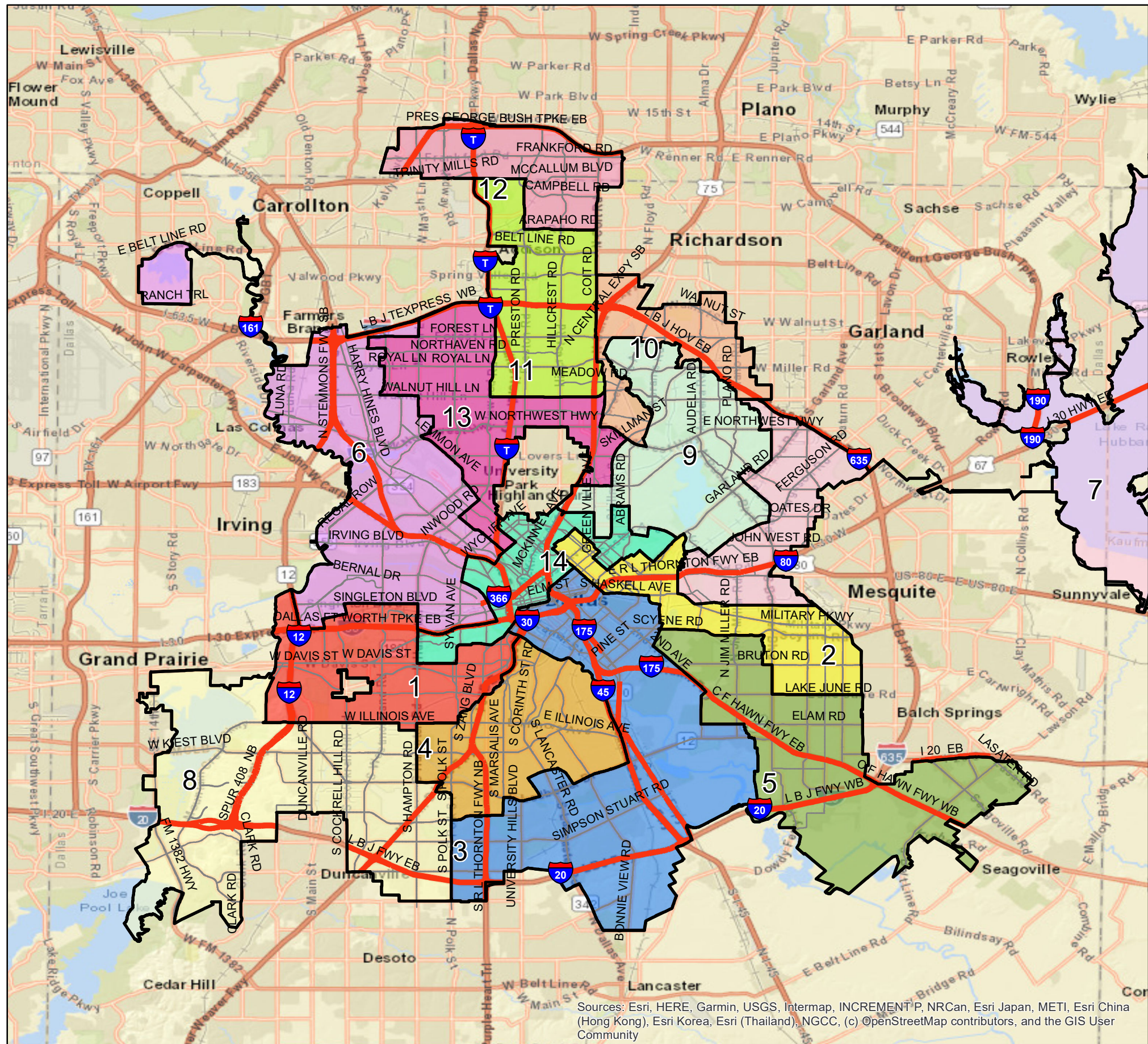
**Highways**

**Districts**

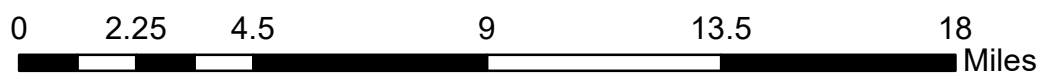
1	8
2	9
3	10
4	11
5	12
6	13
7	14

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	999,705	380,962	38.11%	318,767	31.89%	230,257	23.03%	40,191	4.02%	29,528	2.95%	



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

