



# City of Dallas 2021-22 Redistricting

## Submitted Map Analysis

**Plan Summary** – Plan ID: COD-037-JK-RK (Submitter: Jeff Kitner and Rudy Karimi)

**Date Submitted:** 4-13-22

**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 – 3.40%

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

**Plan meets Criteria**

**Plan does not meet Criteria**

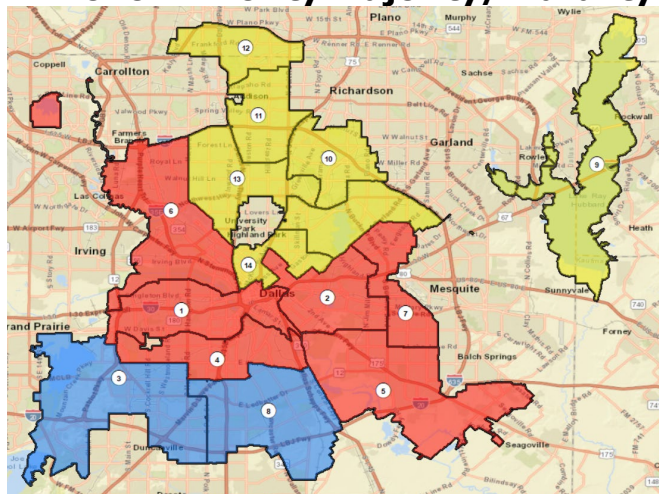
**3. Unassigned Units – None**

**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 – 2(3,8)

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	92,977	-193.00	-0.21%	49,494	<b>53.23%</b>	20,520	22.07%	18,461	19.86%	1,934	2.08%	2,568	2.76%
2	91,762	-1,408.00	-1.51%	45,631	<b>49.73%</b>	18,016	19.63%	24,161	26.33%	1,525	1.66%	2,429	2.65%
3	93,072	-98.00	-0.11%	37,886	40.71%	7,920	8.51%	43,086	<b>46.29%</b>	1,745	1.87%	2,435	2.62%
4	93,201	31.00	0.03%	68,820	<b>73.84%</b>	6,337	6.80%	16,318	17.51%	362	0.39%	1,364	1.46%
5	94,157	987.00	1.06%	67,244	<b>71.42%</b>	7,045	7.48%	18,057	19.18%	297	0.32%	1,514	1.61%
6	92,620	-550.00	-0.59%	60,674	<b>65.51%</b>	17,546	18.94%	8,145	8.79%	4,076	4.40%	2,179	2.35%
7	94,878	1,708.00	1.83%	55,340	<b>58.33%</b>	13,609	14.34%	23,068	24.31%	855	0.90%	2,006	2.11%
8	94,437	1,267.00	1.36%	33,837	35.83%	2,998	3.17%	54,959	<b>58.20%</b>	448	0.47%	2,195	2.32%
9	92,517	-653.00	-0.70%	27,554	29.78%	46,132	49.86%	10,039	10.85%	4,953	5.35%	3,839	4.15%
10	91,882	-1,288.00	-1.38%	18,896	20.57%	31,933	34.75%	31,885	34.70%	5,549	6.04%	3,619	3.94%
11	94,011	841.00	0.90%	31,224	33.21%	41,395	44.03%	12,979	13.81%	4,809	5.12%	3,604	3.83%
12	94,930	1,760.00	1.89%	18,928	19.94%	40,812	42.99%	20,461	21.55%	9,987	10.52%	4,742	5.00%
13	92,093	-1,077.00	-1.16%	21,316	23.15%	50,627	54.97%	10,393	11.29%	6,389	6.94%	3,368	3.66%
14	91,842	-1,328.00	-1.43%	14,330	15.60%	61,503	66.97%	6,752	7.35%	4,891	5.33%	4,366	4.75%
	1,304,379		3.40%	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	73,651	35,628	<b>48.37%</b>	19,019	25.82%	15,127	20.54%	1,778	2.41%	2,099	2.85%
2	70,897	32,109	<b>45.29%</b>	16,465	23.22%	19,053	26.87%	1,376	1.94%	1,894	2.67%
3	67,698	25,392	37.51%	6,993	10.33%	32,122	<b>47.45%</b>	1,457	2.15%	1,734	2.56%
4	67,455	48,114	<b>71.33%</b>	5,637	8.36%	12,447	18.45%	295	0.44%	962	1.43%
5	63,364	43,241	<b>68.24%</b>	5,842	9.22%	13,058	20.61%	201	0.32%	1,022	1.61%
6	70,736	42,857	<b>60.59%</b>	15,809	22.35%	6,840	9.67%	3,540	5.00%	1,690	2.39%
7	68,091	37,069	<b>54.44%</b>	11,836	17.38%	17,037	25.02%	753	1.11%	1,396	2.05%
8	67,969	21,192	31.18%	2,563	3.77%	42,331	<b>62.28%</b>	371	0.55%	1,512	2.22%
9	73,271	19,528	26.65%	39,005	53.23%	7,981	10.89%	4,048	5.52%	2,709	3.70%
10	69,290	13,019	18.79%	25,757	37.17%	23,758	34.29%	4,287	6.19%	2,469	3.56%
11	73,497	21,606	29.40%	34,855	47.42%	10,322	14.04%	4,149	5.65%	2,565	3.49%
12	77,979	14,096	18.08%	35,578	45.63%	16,034	20.56%	8,757	11.23%	3,514	4.51%
13	73,110	15,177	20.76%	42,478	58.10%	8,515	11.65%	4,623	6.32%	2,317	3.17%
14	82,697	11,934	14.43%	56,930	68.84%	5,632	6.81%	4,556	5.51%	3,645	4.41%
	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

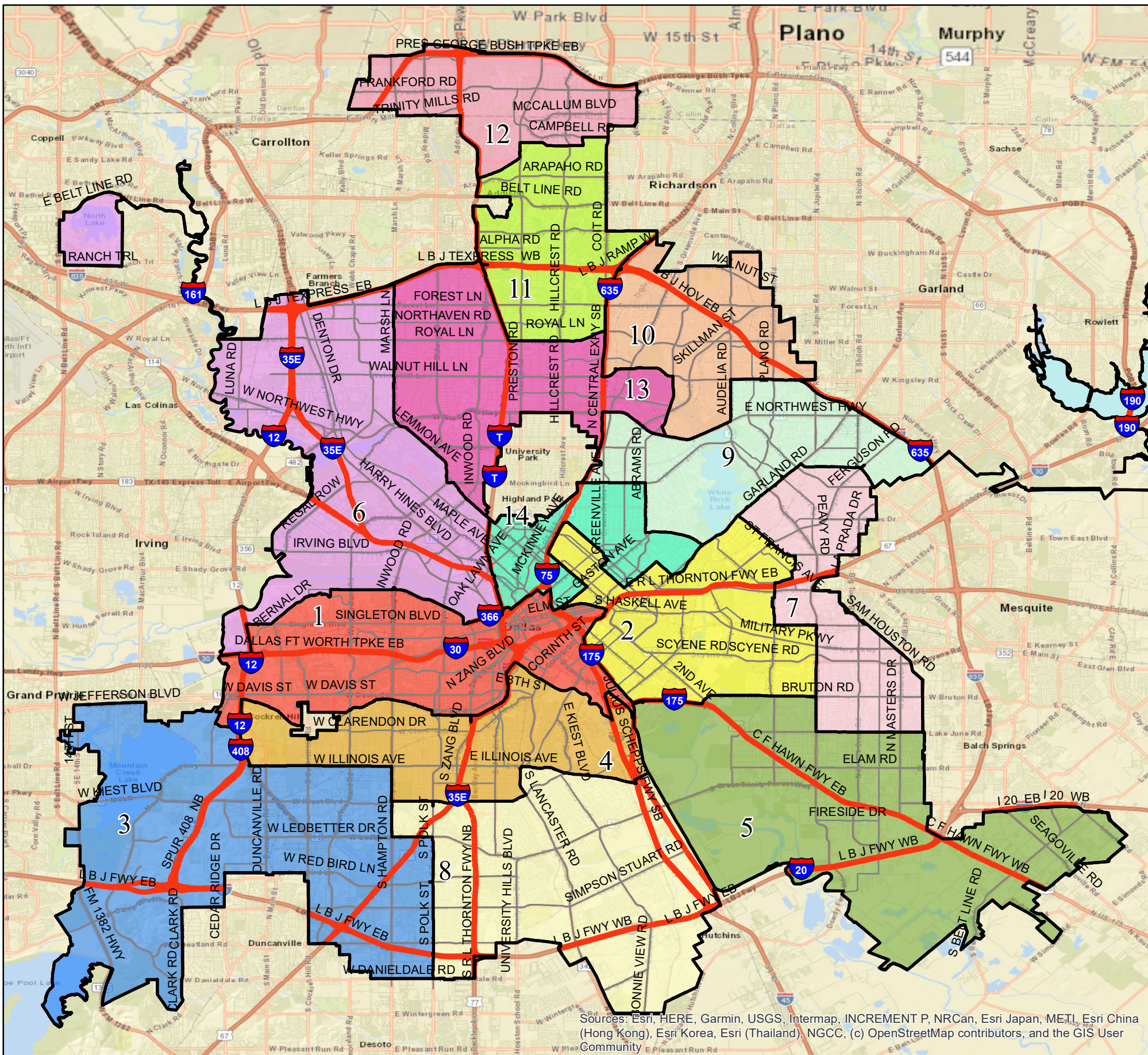
**2. No. of Neighborhoods splits - 41 out of 443 Neighborhood Associations**

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

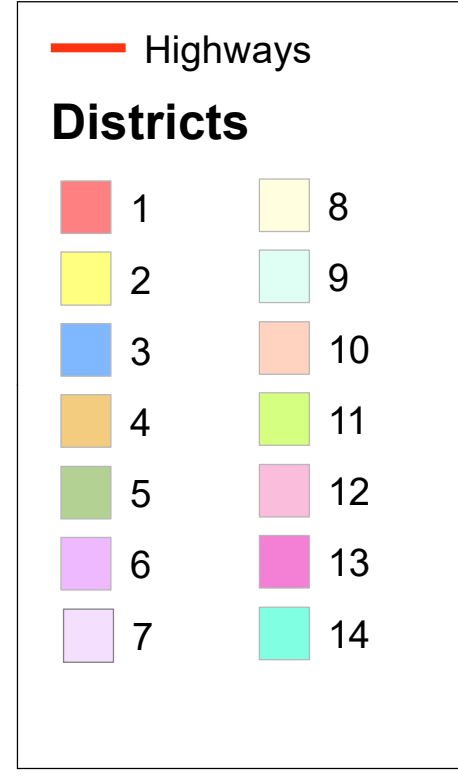
District	Area:	Perimeter:	Reock	Polsby-Popper	Convex Hull Ratio:	Schwartzberg
District 1	24.90	35.95	0.26	0.24	0.72	0.49
District 2	21.00	26.64	0.38	0.37	0.75	0.61
District 3	47.73	53.52	0.35	0.21	0.68	0.46
District 4	20.10	31.85	0.23	0.25	0.68	0.50
District 5	44.69	45.42	0.28	0.27	0.74	0.52
District 6	39.83	64.12	0.16	0.12	0.43	0.35
District 7	15.62	26.37	0.26	0.28	0.68	0.53
District 8	34.64	31.05	0.40	0.45	0.80	0.67
District 9	57.18	116.69	0.12	0.05	0.31	0.23
District 10	16.23	23.29	0.35	0.38	0.77	0.61
District 11	16.09	21.22	0.39	0.45	0.82	0.67
District 12	13.96	20.03	0.28	0.44	0.78	0.66
District 13	21.98	30.26	0.29	0.30	0.68	0.55
District 14	9.40	21.92	0.30	0.25	0.69	0.50
<b>Average</b>	<b>27.38</b>	<b>39.17</b>	<b>0.29</b>	<b>0.29</b>	<b>0.68</b>	<b>0.53</b>

# 2021/22 City of Dallas Redistricting Plan Submission - COD-037-JK-RK on 4-13-22

Map Meets the Redistricting Criteria



General Information	
Plan-ID	COD-037-JK-RK
Submitted By	Jeff Kitner and Rudy Karimi
Submitted On	4/13/2022
Status	Meets Criteria
Deviation, Area and Perimeter	
Maximum Deviation	3.40%
Average Area	27.38
Average Perimeter	39.17
Average Compactness Scores	
Average Reock Score	0.29
Average Polsby-Popper Score	0.29
Average Convex Hull Score	0.68
Average Schwartzberg Score	0.53
Minority Majority Districts	
Number of Minority/Plurality Districts	8(2NHBlack, 6 Hisp)
Number of Neighborhood splits	41



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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

