



## City of Dallas 2021-22 Redistricting

### Submitted Map Analysis

**Plan Summary** – Plan ID: COD-010 (Submitter: Jeff Kitner)

**Date Submitted:** - 2-7-22

**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 – 3.66%

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

**Plan meets Criteria**

**Plan does not meet Criteria**

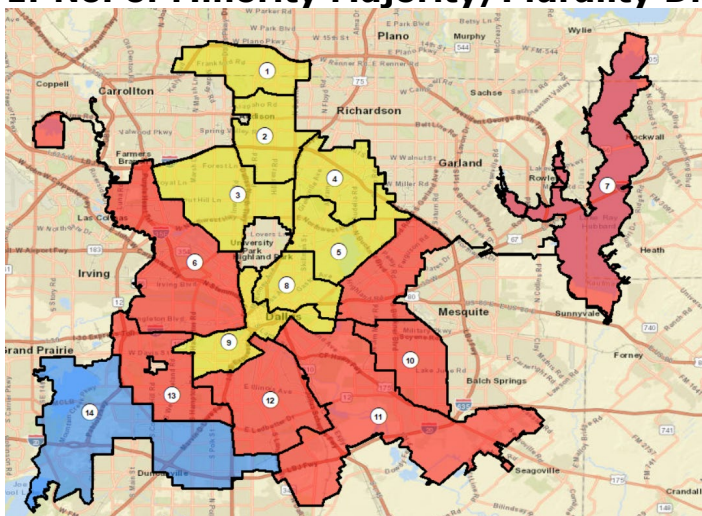
**3. Unassigned Units – None**

**Plan meets Criteria**

**Plan does not meet Criteria**

**4. Other Map Characteristics for further evaluation:**

**1. No. of Minority Majority/Plurality Districts: 7**



NH-Black – 1 (14)

Hispanic – 6  
(6,7,10,11,12,13)

(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	93,997	827.00	0.89%	18,530	19.71%	41,150	43.78%	19,820	21.09%	9,761	10.38%	4,736	5.04%
2	93,750	580.00	0.62%	31,537	33.64%	40,138	42.81%	13,606	14.51%	4,908	5.24%	3,561	3.80%
3	94,957	1,787.00	1.92%	29,370	30.93%	53,724	56.58%	5,051	5.32%	3,608	3.80%	3,204	3.37%
4	94,611	1,441.00	1.55%	19,121	20.21%	34,207	36.16%	32,008	33.83%	5,591	5.91%	3,684	3.89%
5	92,641	-529.00	-0.57%	24,495	26.44%	44,262	47.78%	12,632	13.64%	7,340	7.92%	3,912	4.22%
6	92,229	-941.00	-1.01%	54,894	<b>59.52%</b>	15,058	16.33%	15,814	17.15%	4,265	4.62%	2,198	2.38%
7	93,935	765.00	0.82%	49,414	<b>52.60%</b>	22,003	23.42%	17,988	19.15%	1,911	2.03%	2,619	2.79%
8	91,653	-1,517.00	-1.63%	24,318	26.53%	50,536	55.14%	8,740	9.54%	4,066	4.44%	3,993	4.36%
9	92,288	-882.00	-0.95%	35,268	38.22%	36,956	40.04%	13,504	14.63%	3,197	3.46%	3,363	3.64%
10	93,767	597.00	0.64%	67,596	<b>72.09%</b>	5,197	5.54%	19,392	20.68%	245	0.26%	1,337	1.43%
11	93,839	669.00	0.72%	51,088	<b>54.44%</b>	6,403	6.82%	34,173	36.42%	365	0.39%	1,810	1.93%
12	91,547	-1,623.00	-1.74%	44,296	<b>48.39%</b>	3,241	3.54%	42,136	46.03%	205	0.22%	1,669	1.82%
13	92,320	-850.00	-0.91%	67,200	<b>72.79%</b>	6,651	7.20%	15,856	17.18%	824	0.89%	1,789	1.94%
14	92,845	-325.00	-0.35%	34,047	36.67%	6,867	7.40%	48,044	<b>51.75%</b>	1,534	1.65%	2,353	2.53%
	1,304,379	3.66%		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	76,487	13,688	17.90%	35,375	46.25%	15,468	20.22%	8,513	11.13%	3,443	4.50%
2	74,121	21,965	29.63%	34,373	46.37%	10,874	14.67%	4,310	5.81%	2,599	3.51%
3	74,882	21,022	28.07%	44,549	59.49%	4,305	5.75%	2,866	3.83%	2,140	2.86%
4	71,235	13,145	18.45%	27,379	38.43%	23,877	33.52%	4,316	6.06%	2,518	3.53%
5	73,190	17,289	23.62%	37,596	51.37%	10,066	13.75%	5,433	7.42%	2,806	3.83%
6	71,834	39,087	<b>54.41%</b>	14,314	19.93%	12,936	18.01%	3,749	5.22%	1,748	2.43%
7	70,220	33,866	<b>48.23%</b>	19,159	27.28%	13,659	19.45%	1,650	2.35%	1,886	2.69%
8	79,301	18,991	23.95%	46,228	58.29%	7,112	8.97%	3,700	4.67%	3,270	4.12%
9	78,942	26,654	33.76%	35,141	44.51%	11,228	14.22%	3,061	3.88%	2,858	3.62%
10	65,241	44,989	<b>68.96%</b>	4,608	7.06%	14,518	22.25%	212	0.32%	914	1.40%
11	64,762	32,198	<b>49.72%</b>	5,281	8.15%	25,787	39.82%	249	0.38%	1,247	1.93%
12	65,668	28,758	43.79%	2,806	4.27%	32,792	<b>49.94%</b>	154	0.23%	1,158	1.76%
13	66,649	46,902	<b>70.37%</b>	5,871	8.81%	11,863	17.80%	699	1.05%	1,314	1.97%
14	67,173	22,408	33.36%	6,087	9.06%	35,772	<b>53.25%</b>	1,279	1.90%	1,627	2.42%
	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 - 28 out of 443 Neighborhood Associations**

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

District	Area:	Perimeter:	Reock	Polsby-Popper	Convex Hull Ratio:	Schwartzberg
District 1	14.30	19.70	0.31	0.46	0.83	0.68
District 2	15.31	20.85	0.38	0.44	0.82	0.67
District 3	24.55	28.32	0.34	0.38	0.76	0.62
District 4	15.56	22.25	0.39	0.39	0.80	0.63
District 5	17.84	26.83	0.29	0.31	0.70	0.56
District 6	42.16	61.24	0.17	0.14	0.53	0.38
District 7	56.99	116.44	0.13	0.05	0.36	0.23
District 8	11.22	18.10	0.39	0.43	0.79	0.66
District 9	15.17	33.86	0.17	0.17	0.50	0.41
District 10	16.24	20.34	0.35	0.49	0.88	0.70
District 11	58.16	66.97	0.24	0.16	0.55	0.40
District 12	25.85	28.73	0.32	0.39	0.78	0.63
District 13	20.50	33.64	0.29	0.23	0.72	0.48
District 14	49.50	60.50	0.25	0.17	0.62	0.41
<b>Average</b>	<b>27.38</b>	<b>39.84</b>	<b>0.29</b>	<b>0.30</b>	<b>0.69</b>	<b>0.53</b>

# 2021/22 City of Dallas Redistricting Plan Submission - COD-010-Kitner on 2-7-22

## Map Meets the Redistricting Criteria

General Information	
Plan-ID	COD-010-Kitner
Submitted By	Jeff Kitner
Submitted On	2/7/2022
Status	Meets Criteria
Deviation, Area and Perimeter	
Maximum Deviation	3.66%
Average Area	27.38
Average Perimeter	39.84
Average Compactness Scores	
Average Reock Score	0.29
Average Polsby-Popper Score	0.30
Average Convex Hull Score	0.69
Average Schwartzberg Score	0.53
Minority Majority Districts	
Number of Minority/Plurality Districts	7
Number of Neighborhood splits	28

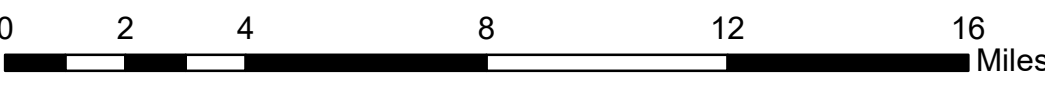
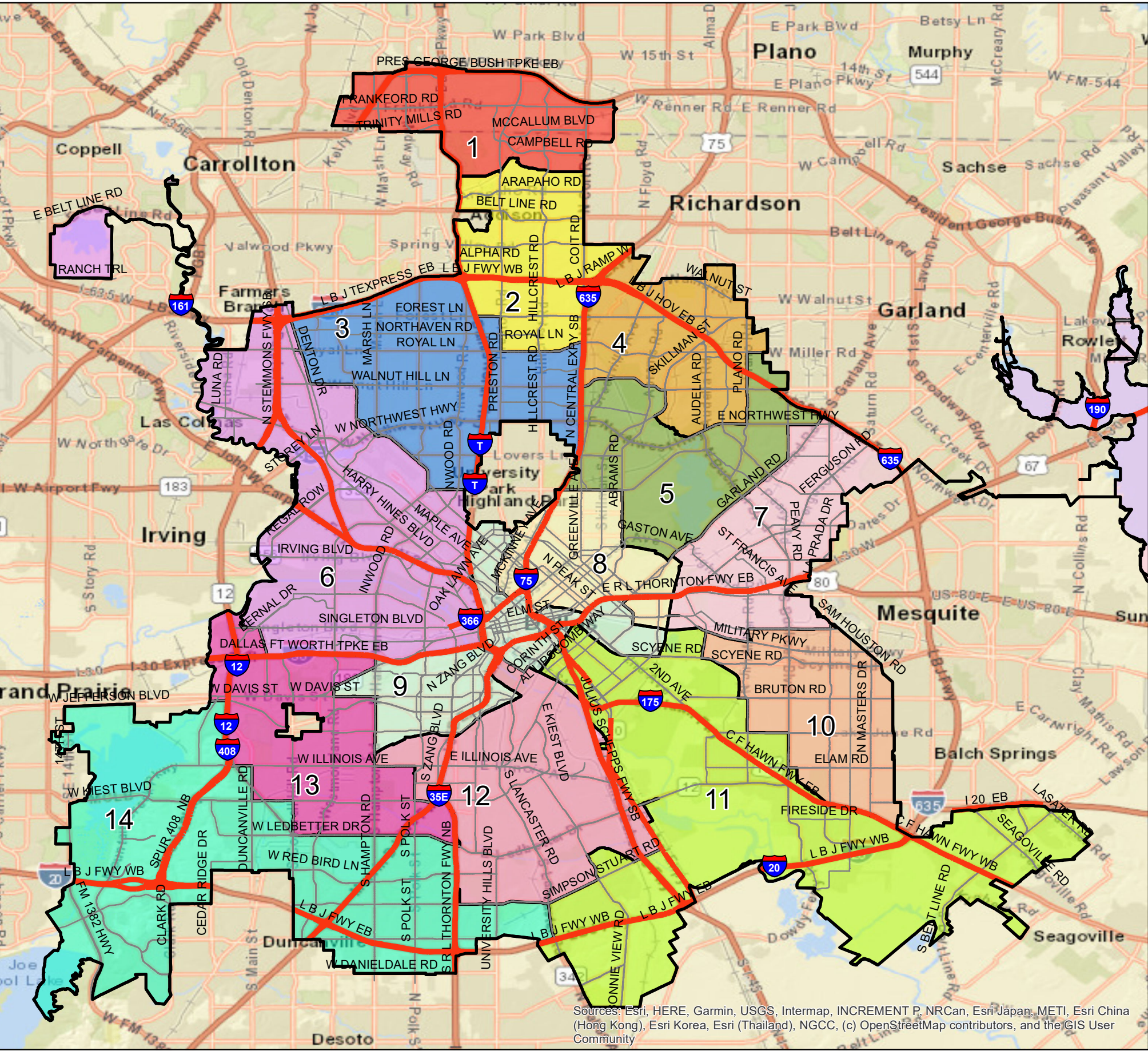
**Highways**

**Districts**

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

	Total Population	Deviation		Hispanic		NH-White		NH-Black		NH-Asian		NH-Other											
		#	%	#	%	#	%	#	%	#	%	#	%										
1	92,739	-431.00	-0.46%	38,380	41.38%	7,888	8.51%	42,275	45.58%	1,802	1.94%	2,394	2.58%										
2	93,226	56.00	0.06%	46,485	49.86%	4,430	4.75%	39,822	42.72%	482	0.52%	2,007	2.15%										
3	92,543	-627.00	-0.67%	35,355	38.20%	3,923	4.24%	50,831	54.93%	316	0.34%	2,118	2.29%										
4	93,610	440.00	0.47%	64,166	68.55%	11,856	12.67%	11,501	12.29%	4,056	4.33%	2,031	2.17%										
5	92,796	-374.00	-0.40%	69,253	74.63%	13,030	14.04%	8,066	8.69%	789	0.85%	1,658	1.79%										
6	92,750	-420.00	-0.45%	68,478	73.83%	7,351	7.93%	15,238	16.43%	238	0.26%	1,445	1.56%										
7	93,457	287.00	0.31%	47,139	50.44%	24,032	25.71%	16,760	17.93%	2,753	2.95%	2,773	2.97%										
8	93,248	78.00	0.08%	17,954	19.25%	52,043	55.81%	13,673	14.66%	5,532	5.93%	4,046	4.34%										
9	93,546	376.00	0.40%	15,194	16.24%	62,669	66.99%	6,320	6.76%	5,474	5.85%	3,889	4.16%										
10	93,913	743.00	0.80%	18,809	20.03%	40,063	42.66%	20,442	21.77%	9,923	10.57%	4,676	4.98%										
11	93,192	22.00	0.02%	59,075	63.39%	10,508	11.28%	20,856	22.38%	880	0.94%	1,873	2.01%										
12	93,422	252.00	0.27%	24,634	26.37%	48,024	51.41%	12,010	12.86%	4,934	5.28%	3,820	4.09%										
13	93,038	-132.00	-0.14%	33,188	35.67%	13,735	14.76%	35,104	37.73%	7,915	8.51%	3,096	3.33%										
14	92,899	-271.00	-0.29%	13,064	14.06%	66,841	71.95%	5,866	6.31%	2,726	2.93%	4,402	4.74%										
1,304,379		1.47%		551,174		42.26%		366,393		28.09%		298,764		22.90%		47,820		3.67%		40,228		3.08%	

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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