



## City of Dallas 2021-22 Redistricting

### Submitted Map Analysis

**Plan Summary** – Plan ID: COD-035-Moore (Submitter: Ryan Moore)

**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 – 0.05%

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

**Plan meets Criteria**

**Plan does not meet Criteria**

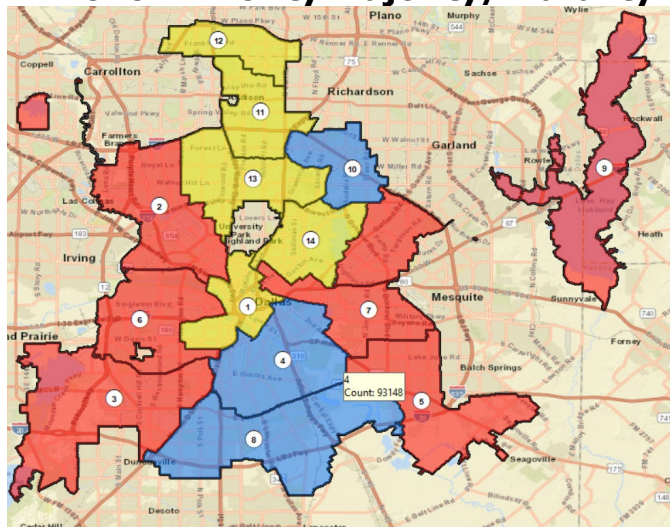
**3. Unassigned Units – None**

**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(4,8,10)

Hispanic –6

( 2,3, 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	93,187	17.00	0.02%	22,361	24.00%	49,957	53.61%	12,485	13.40%	4,410	4.73%	3,366	3.61%
2	93,171	1.00	0.00%	58,785	<b>63.09%</b>	19,417	20.84%	8,473	9.09%	3,637	3.90%	1,770	1.90%
3	93,151	-19.00	-0.02%	51,872	<b>55.69%</b>	9,197	9.87%	27,967	30.02%	1,538	1.65%	1,609	1.73%
4	93,148	-22.00	-0.02%	41,187	44.22%	2,762	2.97%	47,010	<b>50.47%</b>	181	0.19%	1,362	1.46%
5	93,195	25.00	0.03%	70,830	<b>76.00%</b>	7,439	7.98%	13,204	14.17%	189	0.20%	990	1.06%
6	93,164	-6.00	-0.01%	72,010	<b>77.29%</b>	7,191	7.72%	11,586	12.44%	775	0.83%	1,117	1.20%
7	93,187	17.00	0.02%	56,439	<b>60.57%</b>	11,769	12.63%	21,526	23.10%	1,313	1.41%	1,504	1.61%
8	93,196	26.00	0.03%	27,470	29.48%	3,197	3.43%	59,874	<b>64.25%</b>	391	0.42%	1,517	1.63%
9	93,168	-2.00	0.00%	45,969	<b>49.34%</b>	26,446	28.39%	15,905	17.07%	1,691	1.82%	2,048	2.20%
10	93,160	-10.00	-0.01%	19,806	21.26%	31,713	34.04%	31,972	<b>34.32%</b>	4,416	4.74%	2,502	2.69%
11	93,146	-24.00	-0.03%	31,288	33.59%	39,727	42.65%	13,650	14.65%	4,363	4.68%	2,615	2.81%
12	93,157	-13.00	-0.01%	18,648	20.02%	40,403	43.37%	19,734	21.18%	8,423	9.04%	3,398	3.65%
13	93,190	20.00	0.02%	18,980	20.37%	54,306	58.27%	9,807	10.52%	4,833	5.19%	2,334	2.50%
14	93,159	-11.00	-0.01%	15,529	16.67%	62,869	67.49%	5,571	5.98%	4,031	4.33%	3,396	3.65%
	1,304,379		8.90%	551,174	42.26%	366,393	28.09%	298,764	22.90%	40,191	3.08%	29,528	2.26%

## Total Voting Age Population by Race and Ethnicity

	Total Voting Age Population	Hispanic		NH-White		NH-Black		NH-Asian		NH-Other	
		#	%	#	%	#	%	#	%	#	%
1	84,897	18,228	21.47%	47,996	56.53%	10,897	12.84%	4,410	5.19%	3,366	3.96%
2	71,565	41,637	<b>58.18%</b>	17,400	24.31%	7,121	9.95%	3,637	5.08%	1,770	2.47%
3	67,854	35,523	<b>52.35%</b>	8,171	12.04%	21,013	30.97%	1,538	2.27%	1,609	2.37%
4	66,941	26,243	39.20%	2,413	3.60%	36,742	<b>54.89%</b>	181	0.27%	1,362	2.03%
5	63,353	45,877	<b>72.41%</b>	6,230	9.83%	10,067	15.89%	189	0.30%	990	1.56%
6	67,808	50,980	<b>75.18%</b>	6,479	9.55%	8,457	12.47%	775	1.14%	1,117	1.65%
7	69,143	39,079	<b>56.52%</b>	10,828	15.66%	16,419	23.75%	1,313	1.90%	1,504	2.18%
8	66,756	17,315	25.94%	2,744	4.11%	44,789	<b>67.09%</b>	391	0.59%	1,517	2.27%
9	70,257	31,563	<b>44.93%</b>	23,010	32.75%	11,945	17.00%	1,691	2.41%	2,048	2.92%
10	69,368	13,482	19.44%	25,251	36.40%	23,717	34.19%	4,416	6.37%	2,502	3.61%
11	74,060	21,813	29.45%	34,330	46.35%	10,939	14.77%	4,363	5.89%	2,615	3.53%
12	75,367	13,742	18.23%	34,437	45.69%	15,367	20.39%	8,423	11.18%	3,398	4.51%
13	73,741	13,377	18.14%	45,166	61.25%	8,031	10.89%	4,833	6.55%	2,334	3.17%
14	78,595	12,103	15.40%	54,312	69.10%	4,753	6.05%	4,031	5.13%	3,396	4.32%
	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 - 32 out of 443 Neighborhood Associations**

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

District	Area:	Perimeter:	Reock	Polsby-Popper	Convex Hull Ratio:	Schwartzberg
District 1	13.90	24.31	0.30	0.30	0.72	0.54
District 2	33.87	57.03	0.17	0.13	0.49	0.36
District 3	45.85	53.27	0.32	0.20	0.69	0.45
District 4	29.45	26.62	0.38	0.52	0.87	0.72
District 5	30.57	42.43	0.24	0.21	0.60	0.46
District 6	26.34	33.41	0.42	0.30	0.79	0.54
District 7	19.54	29.17	0.23	0.29	0.66	0.54
District 8	43.76	43.35	0.26	0.29	0.69	0.54
District 9	55.15	112.90	0.13	0.05	0.35	0.23
District 10	14.26	20.79	0.36	0.41	0.79	0.64
District 11	16.70	23.48	0.34	0.38	0.82	0.62
District 12	13.07	20.24	0.27	0.40	0.75	0.63
District 13	23.62	30.96	0.30	0.31	0.71	0.56
District 14	17.27	22.40	0.37	0.43	0.82	0.66
<b>Average</b>	<b>27.38</b>	<b>38.60</b>	<b>0.29</b>	<b>0.30</b>	<b>0.70</b>	<b>0.54</b>



City of Dallas

# 2021/22 City of Dallas Redistricting Plan Submission - COD-035-Moore on 4-15-22

## Map Meets the Redistricting Criteria

General Information	
Plan-ID	COD-035-Moore
Submitted By	Ryan Moore
Submitted On	4/15/2022
Status	Meets Criteria
Deviation, Area and Perimeter	
Maximum Deviation	0.05%
Average Area	27.38
Average Perimeter	38.60
Average Compactness Scores	
Average Reock Score	0.29
Average Polsby-Popper Score	0.30
Average Convex Hull Score	0.70
Average Schwartzberg Score	0.54
Minority Majority Districts	
Number of Minority/Plurality Districts (3 NH-Black, 6 Hisp)	
Number of Neighborhood splits	32

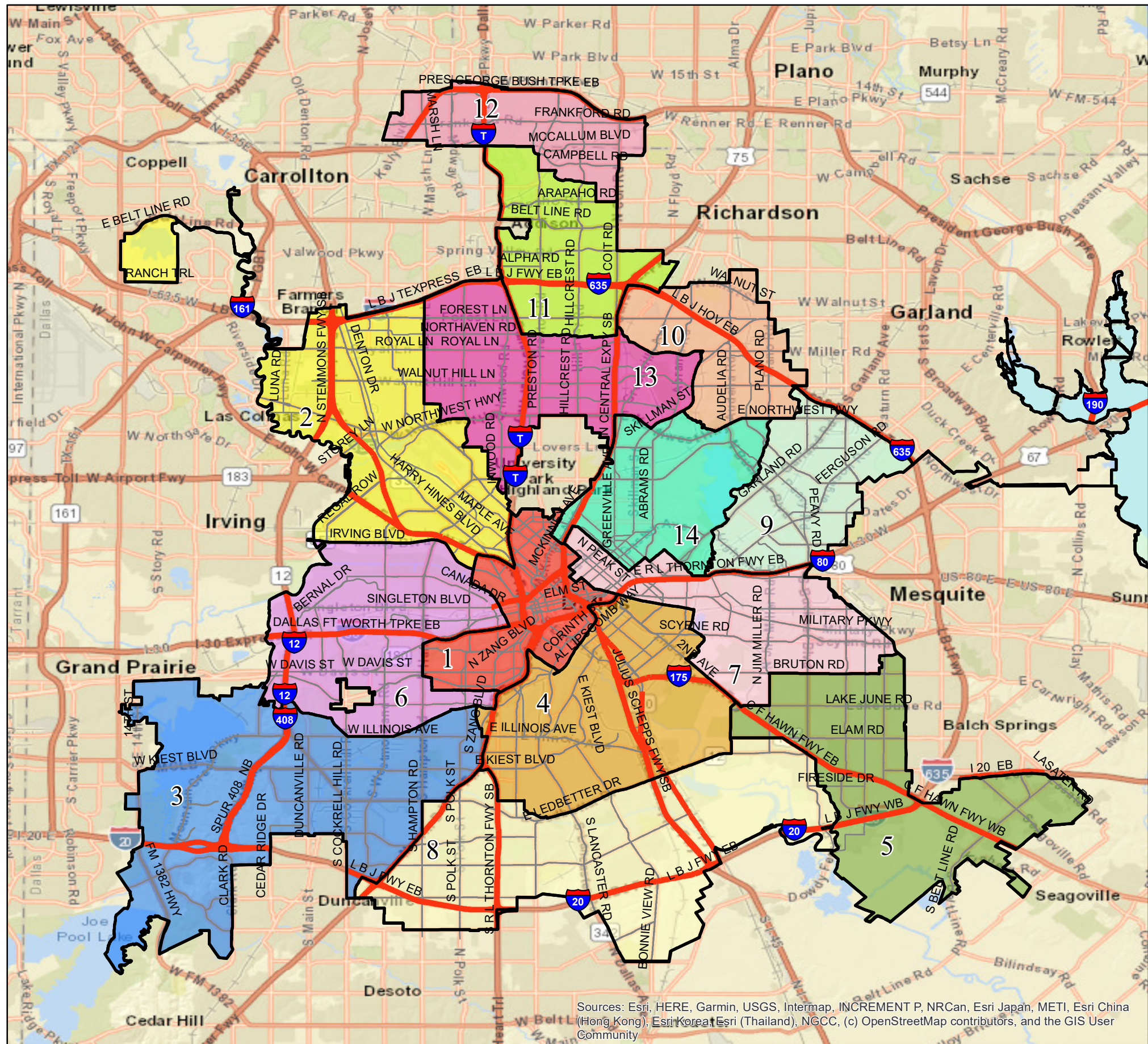
**Highways**

**Districts**

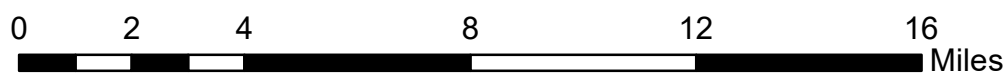
1	8
2	9
3	10
4	11
5	12
6	13
7	14

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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

