



## City of Dallas 2021-22 Redistricting

### Submitted Map Analysis

**Plan Summary** – Plan ID: COD-020-Minnis (Submitter: Norma Minnis)

**Date Submitted:** 3-23-22

**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 – 8.01%

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

**Plan meets Criteria**

**Plan does not meet Criteria**

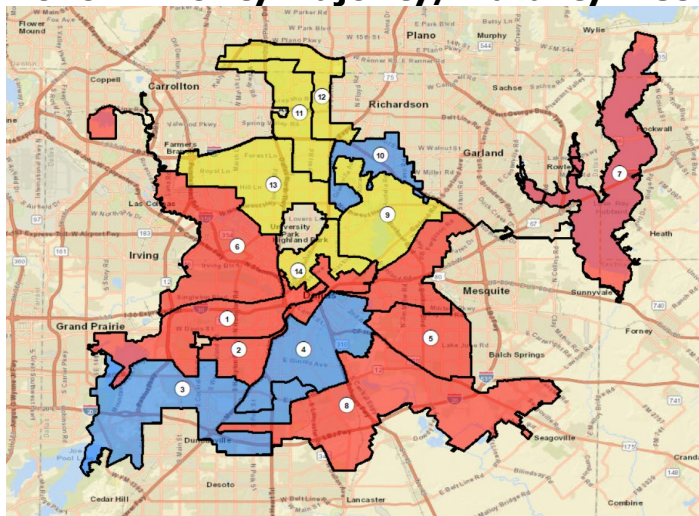
**3. Unassigned Units – None**

**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, 4, 10)

Hispanic – 6

(1, 2, 5, 6, 7, 8)

(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	93,204	34.00	0.04%	52,326	<b>56.14%</b>	22,855	24.52%	13,258	14.22%	2,234	2.40%	2,531	2.72%
2	92,227	-943.00	-1.01%	64,177	<b>69.59%</b>	13,639	14.79%	11,269	12.22%	1,114	1.21%	2,028	2.20%
3	92,220	-950.00	-1.02%	36,286	39.35%	7,761	8.42%	44,373	<b>48.12%</b>	1,490	1.62%	2,310	2.50%
4	92,500	-670.00	-0.72%	38,795	41.94%	3,017	3.26%	48,111	<b>52.01%</b>	414	0.45%	2,163	2.34%
5	90,690	-2,480.00	-2.66%	66,420	<b>73.24%</b>	4,745	5.23%	18,078	19.93%	202	0.22%	1,245	1.37%
6	93,685	515.00	0.55%	59,973	<b>64.02%</b>	13,668	14.59%	13,756	14.68%	4,091	4.37%	2,197	2.35%
7	92,693	-477.00	-0.51%	51,922	<b>56.02%</b>	16,689	18.00%	19,996	21.57%	1,766	1.91%	2,320	2.50%
8	93,322	152.00	0.16%	44,948	<b>48.16%</b>	6,077	6.51%	40,081	42.95%	358	0.38%	1,858	1.99%
9	89,561	-3,609.00	-3.87%	17,935	20.03%	59,299	66.21%	5,384	6.01%	2,943	3.29%	4,000	4.47%
10	97,025	3,855.00	4.14%	28,922	29.81%	17,988	18.54%	38,262	<b>39.44%</b>	8,438	8.70%	3,415	3.52%
11	96,074	2,904.00	3.12%	22,814	23.75%	45,368	47.22%	17,067	17.76%	6,578	6.85%	4,247	4.42%
12	94,269	1,099.00	1.18%	27,160	28.81%	37,179	39.44%	17,385	18.44%	8,292	8.80%	4,253	4.51%
13	93,680	510.00	0.55%	25,248	26.95%	55,749	59.51%	4,825	5.15%	4,532	4.84%	3,326	3.55%
14	93,229	59.00	0.06%	14,248	15.28%	62,359	66.89%	6,919	7.42%	5,368	5.76%	4,335	4.65%
	1,304,379		8.01%	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	74,426	37,905	<b>50.93%</b>	21,269	28.58%	11,077	14.88%	2,082	2.80%	2,093	2.81%
2	70,408	46,324	<b>65.79%</b>	12,610	17.91%	8,829	12.54%	1,003	1.42%	1,642	2.33%
3	66,865	23,836	35.65%	6,879	10.29%	33,324	<b>49.84%</b>	1,234	1.85%	1,592	2.38%
4	67,039	24,830	37.04%	2,642	3.94%	37,697	<b>56.23%</b>	342	0.51%	1,528	2.28%
5	63,140	44,228	<b>70.05%</b>	4,220	6.68%	13,674	21.66%	168	0.27%	850	1.35%
6	71,481	42,529	<b>59.50%</b>	12,858	17.99%	10,796	15.10%	3,575	5.00%	1,723	2.41%
7	68,288	35,305	<b>51.70%</b>	14,658	21.46%	15,127	22.15%	1,527	2.24%	1,671	2.45%
8	63,992	27,970	43.71%	4,942	7.72%	29,581	<b>46.23%</b>	246	0.38%	1,253	1.96%
9	68,288	12,338	18.07%	47,004	68.83%	4,185	6.13%	2,152	3.15%	2,609	3.82%
10	73,444	20,006	27.24%	15,991	21.77%	28,829	<b>39.25%</b>	6,154	8.38%	2,464	3.35%
11	79,947	16,979	21.24%	40,063	50.11%	13,900	17.39%	5,767	7.21%	3,238	4.05%
12	73,517	18,843	25.63%	31,077	42.27%	13,367	18.18%	7,248	9.86%	2,982	4.06%
13	74,196	17,878	24.10%	46,296	62.40%	4,070	5.49%	3,712	5.00%	2,240	3.02%
14	84,674	11,991	14.16%	58,258	68.80%	5,801	6.85%	4,981	5.88%	3,643	4.30%
	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 - 53 out of 443 Neighborhood Associations

### 3. Compactness analysis for each district:

District	Area:	Perimeter:	Reock	Polsby-Popper	Convex Hull Ratio:	Schwartzberg
District 1	26.95	47.57	0.15	0.15	0.55	0.39
District 2	15.19	39.50	0.12	0.12	0.40	0.35
District 3	43.48	70.41	0.25	0.11	0.58	0.33
District 4	26.32	32.91	0.28	0.31	0.77	0.55
District 5	18.14	20.52	0.38	0.54	0.89	0.74
District 6	39.15	60.73	0.16	0.13	0.45	0.37
District 7	56.65	122.22	0.11	0.05	0.35	0.22
District 8	56.18	67.50	0.17	0.15	0.57	0.39
District 9	23.93	31.35	0.32	0.31	0.81	0.55
District 10	11.04	32.97	0.25	0.13	0.51	0.36
District 11	16.76	31.40	0.21	0.21	0.57	0.46
District 12	13.46	30.52	0.16	0.18	0.44	0.43
District 13	26.93	33.67	0.28	0.30	0.71	0.55
District 14	9.18	24.34	0.24	0.19	0.60	0.44
<b>Average</b>	<b>27.38</b>	<b>46.11</b>	<b>0.22</b>	<b>0.21</b>	<b>0.59</b>	<b>0.44</b>

# 2021/22 City of Dallas Redistricting Plan Submission - COD-020-Minnis on 3-23-22

## Map Meets the Redistricting Criteria

General Information	
Plan-ID	COD-020-Minnis
Submitted By	Norma Minnis
Submitted On	3/23/2022
Status	Meets Criteria
Deviation, Area and Perimeter	
Maximum Deviation	8.01%
Average Area	27.38
Average Perimeter	46.11
Average Compactness Scores	
Average Reock Score	0.22
Average Polsby-Popper Score	0.21
Average Convex Hull Score	0.59
Average Schwartzberg Score	0.44
Minority Majority Districts	
Number of Minority/Plurality Districts	9 (3 NH-Black, 6 Hisp)
Number of Neighborhood splits	53

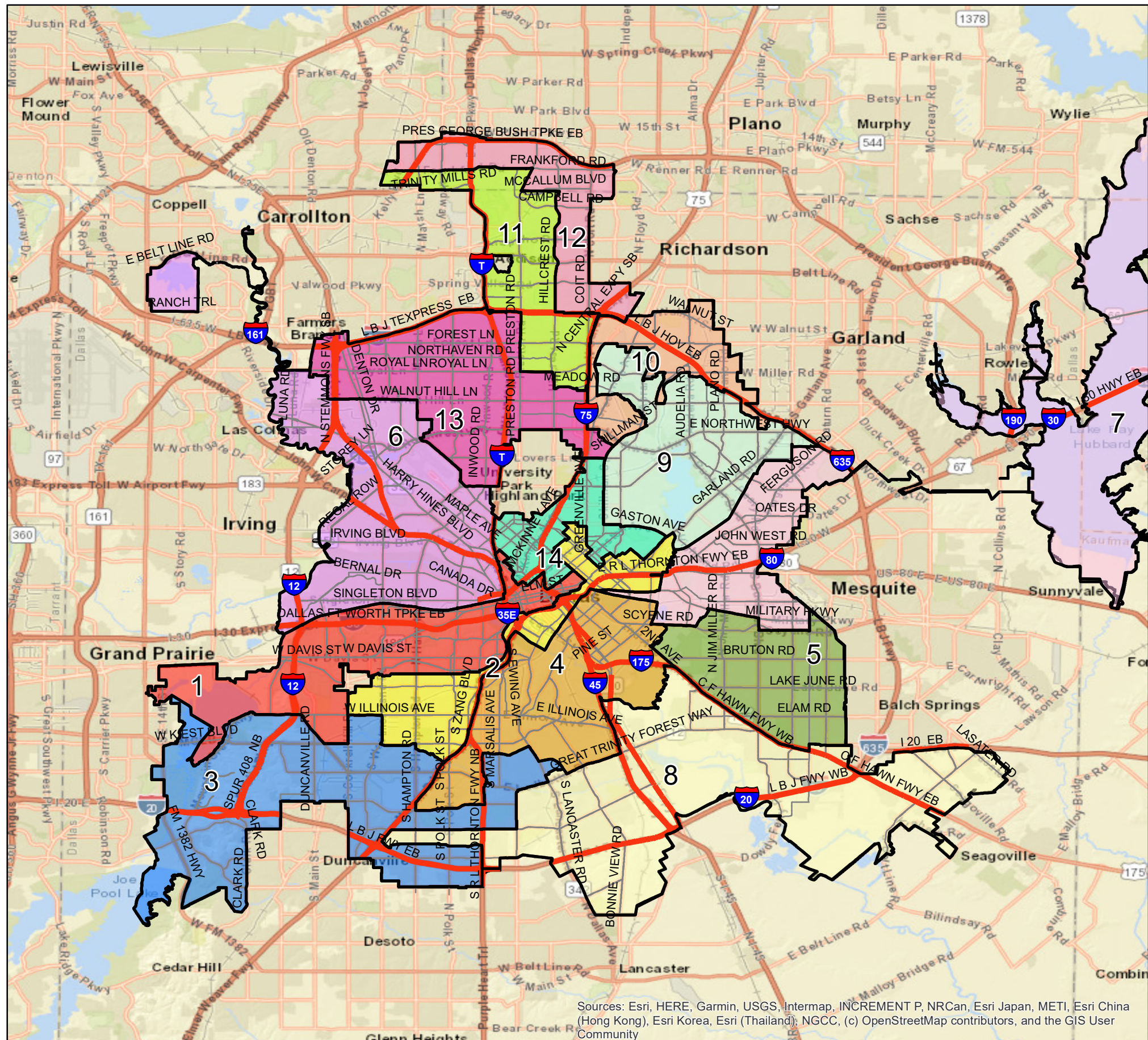
**Highways**

**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

