



## City of Dallas 2021-22 Redistricting

### Submitted Map Analysis

**Plan Summary** – Plan ID: COD-014-Mcdowell (Submitter: Jay Mcdowell)

**Date Submitted:** - 2-12-22

**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 – 1.68%

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

**Plan meets Criteria**

**Plan does not meet Criteria**

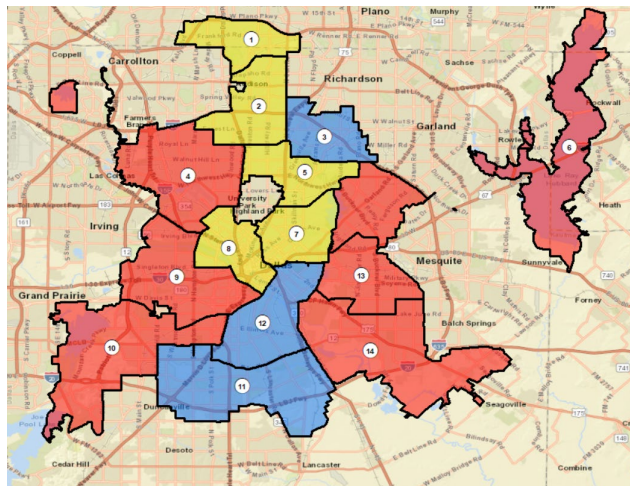
**3. Unassigned Units – None**

**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

(3,11,12)

Hispanic – 6

(4, 6, 9, 10, 13, 14)

(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	93,913	743.00	0.80%	18,809	20.03%	40,063	42.66%	20,442	21.77%	9,923	10.57%	4,676	4.98%
2	93,877	707.00	0.76%	24,095	25.67%	48,817	52.00%	11,974	12.75%	5,169	5.51%	3,822	4.07%
3	92,875	-295.00	-0.32%	25,978	27.97%	25,752	27.73%	32,286	<b>34.76%</b>	5,424	5.84%	3,435	3.70%
4	93,695	525.00	0.56%	53,855	<b>57.48%</b>	28,924	30.87%	5,862	6.26%	2,705	2.89%	2,349	2.51%
5	93,503	333.00	0.36%	20,022	21.41%	51,168	54.72%	11,203	11.98%	7,394	7.91%	3,716	3.97%
6	93,321	151.00	0.16%	44,004	<b>47.15%</b>	28,978	31.05%	14,601	15.65%	2,749	2.95%	2,989	3.20%
7	93,244	74.00	0.08%	25,588	27.44%	51,226	54.94%	8,769	9.40%	3,538	3.79%	4,123	4.42%
8	92,760	-410.00	-0.44%	22,369	24.11%	46,716	50.36%	13,566	14.62%	6,315	6.81%	3,794	4.09%
9	93,797	627.00	0.67%	65,351	<b>69.67%</b>	14,439	15.39%	10,838	11.55%	1,171	1.25%	1,998	2.13%
10	92,610	-560.00	-0.60%	58,963	<b>63.67%</b>	8,306	8.97%	21,573	23.29%	1,811	1.96%	1,957	2.11%
11	93,052	-118.00	-0.13%	27,356	29.40%	3,960	4.26%	59,303	<b>63.73%</b>	352	0.38%	2,081	2.24%
12	92,348	-822.00	-0.88%	39,249	42.50%	2,964	3.21%	47,550	<b>51.49%</b>	392	0.42%	2,193	2.37%
13	92,699	-471.00	-0.51%	60,608	<b>65.38%</b>	8,050	8.68%	21,908	23.63%	574	0.62%	1,559	1.68%
14	92,685	-485.00	-0.52%	64,927	<b>70.05%</b>	7,030	7.58%	18,889	20.38%	303	0.33%	1,536	1.66%
	1,304,379		1.68%	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	77,234	14,020	18.15%	35,012	45.33%	16,020	20.74%	8,705	11.27%	3,477	4.50%
2	74,176	17,031	22.96%	40,580	54.71%	9,493	12.80%	4,397	5.93%	2,675	3.61%
3	69,366	17,474	25.19%	21,326	30.74%	24,037	<b>34.65%</b>	4,161	6.00%	2,368	3.41%
4	69,879	37,474	<b>53.63%</b>	23,871	34.16%	4,828	6.91%	2,133	3.05%	1,573	2.25%
5	76,136	14,581	19.15%	43,817	57.55%	9,244	12.14%	5,756	7.56%	2,738	3.60%
6	70,337	30,197	<b>42.93%</b>	25,014	35.56%	10,913	15.52%	2,100	2.99%	2,113	3.00%
7	77,284	19,590	25.35%	44,398	57.45%	7,070	9.15%	3,088	4.00%	3,138	4.06%
8	85,126	18,284	21.48%	45,522	53.48%	11,986	14.08%	5,977	7.02%	3,357	3.94%
9	70,490	46,747	<b>66.32%</b>	12,852	18.23%	8,306	11.78%	1,035	1.47%	1,550	2.20%
10	66,697	40,813	<b>61.19%</b>	7,376	11.06%	15,637	23.44%	1,503	2.25%	1,368	2.05%
11	67,657	17,354	25.65%	3,449	5.10%	45,085	<b>66.64%</b>	282	0.42%	1,487	2.20%
12	67,013	25,182	37.58%	2,597	3.88%	37,363	<b>55.75%</b>	330	0.49%	1,541	2.30%
13	65,912	40,554	<b>61.53%</b>	7,122	10.81%	16,608	25.20%	519	0.79%	1,109	1.68%
14	62,398	41,661	<b>66.77%</b>	5,831	9.34%	13,667	21.90%	205	0.33%	1,034	1.66%
	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 - 26 out of 443 Neighborhood Associations**

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

District	Area:	Perimeter:	Reock	Polsby-Popper	Convex Hull Ratio:	Schwartzberg
District 1	13.71	19.69	0.28	0.44	0.77	0.67
District 2	19.23	22.94	0.41	0.46	0.85	0.68
District 3	14.57	20.37	0.43	0.44	0.85	0.66
District 4	36.08	53.02	0.20	0.16	0.57	0.40
District 5	15.07	23.01	0.32	0.36	0.73	0.60
District 6	56.67	115.14	0.14	0.05	0.34	0.23
District 7	15.52	18.75	0.42	0.55	0.87	0.74
District 8	14.42	18.75	0.34	0.52	0.83	0.72
District 9	29.40	29.74	0.31	0.42	0.80	0.65
District 10	41.67	51.27	0.28	0.20	0.65	0.45
District 11	38.85	35.49	0.37	0.39	0.77	0.62
District 12	23.42	27.48	0.30	0.39	0.75	0.62
District 13	18.63	20.85	0.37	0.54	0.87	0.73
District 14	46.11	48.63	0.28	0.25	0.69	0.50
<b>Average</b>	<b>27.38</b>	<b>36.08</b>	<b>0.32</b>	<b>0.37</b>	<b>0.74</b>	<b>0.59</b>



# 2021/22 City of Dallas Redistricting Plan Submission - COD-014-Mcdowell on 2-12--22

## Map Meets the Redistricting Criteria

General Information	
Plan-ID	COD-014-Mcdowell
Submitted By	Jay McDowell
Submitted On	2/12/2022
Status	Meets Criteria
Deviation, Area and Perimeter	
Maximum Deviation	1.68%
Average Area	27.38
Average Perimeter	36.08
Average Compactness Scores	
Average Reock Score	0.32
Average Polsby-Popper Score	0.37
Average Convex Hull Score	0.74
Average Schwartzberg Score	0.59
Minority Majority Districts	
Number of Minority/Plurality Districts	9 (3 NH-Black, 6 Hisp)
Number of Neighborhood splits	26

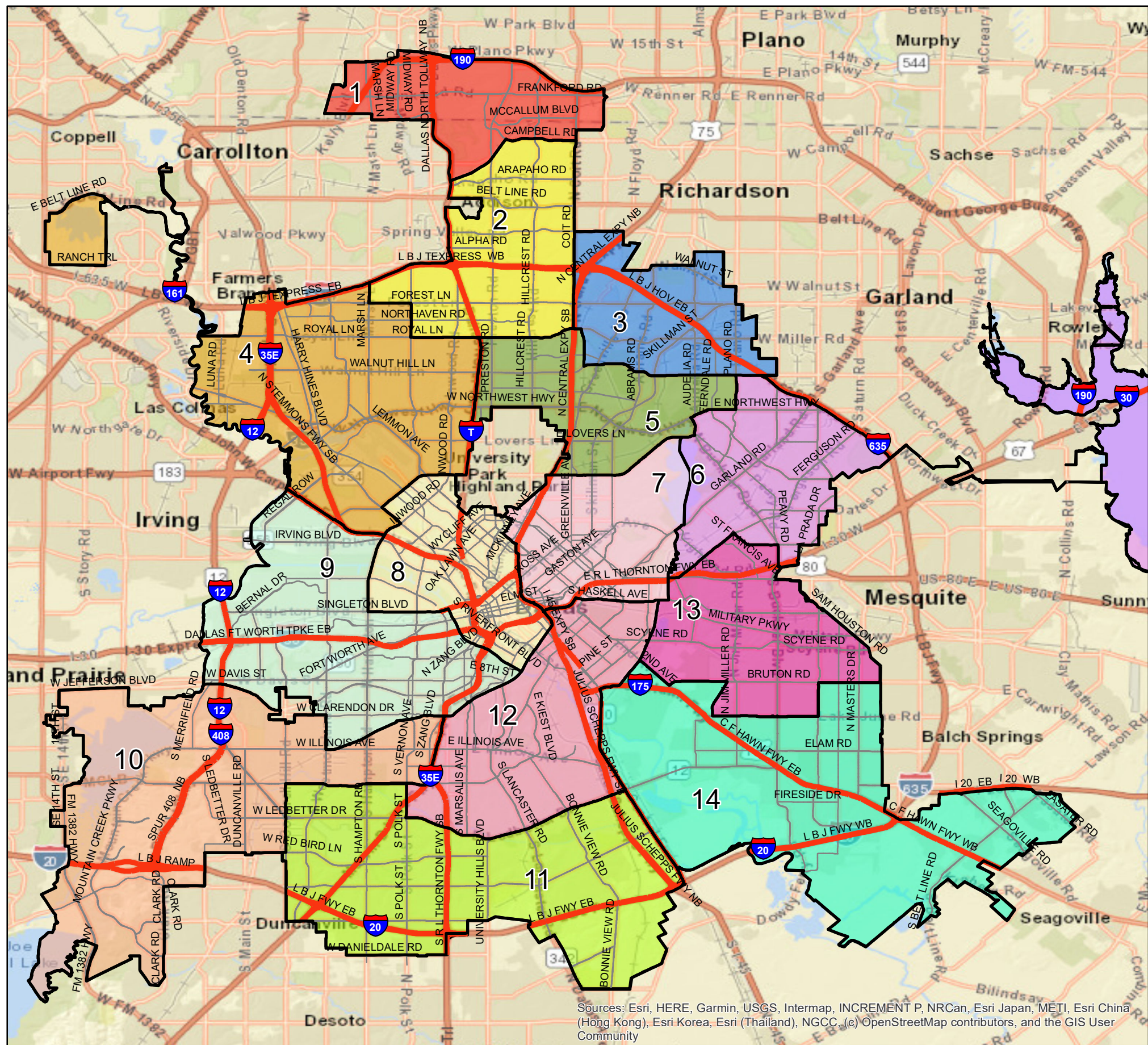
**Highways**

**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