



City of Dallas 2021-22 Redistricting

Analysis of Map COD-017-B

Plan Summary – Plan ID: COD-017-B (Plan: Based on COD-017; By Cm. Randall Bryant)

Date Approved by the Commission – 5-10-22

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 – 9.92%

2. Contiguity: All districts should be geographically contiguous.

Plan meets Criteria

Plan does not meet Criteria

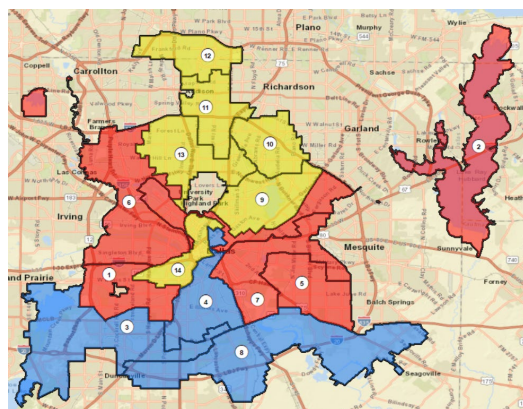
3. Unassigned Units – None

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 – 3 (3, 4, 8)

Hispanic – 5
(1, 2, 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	88,709	-4,461.00	-4.79%	73,653	83.03%	6,643	7.49%	6,599	7.44%	594	0.67%	1,220	1.38%
2	97,466	4,296.00	4.61%	47,803	49.05%	30,276	31.06%	11,370	11.67%	4,714	4.84%	3,303	3.39%
3	88,475	-4,695.00	-5.04%	34,580	39.08%	7,941	8.98%	42,076	47.56%	1,520	1.72%	2,358	2.67%
4	88,465	-4,705.00	-5.05%	37,578	42.48%	9,143	10.34%	38,017	42.97%	1,340	1.51%	2,387	2.70%
5	88,659	-4,511.00	-4.84%	69,675	78.59%	5,033	5.68%	12,623	14.24%	170	0.19%	1,158	1.31%
6	95,623	2,453.00	2.63%	65,621	68.62%	12,672	13.25%	13,024	13.62%	2,373	2.48%	1,933	2.02%
7	90,264	-2,906.00	-3.12%	42,585	47.18%	6,145	6.81%	38,791	42.98%	808	0.90%	1,935	2.14%
8	94,547	1,377.00	1.48%	43,077	45.56%	6,000	6.35%	43,236	45.73%	316	0.33%	1,918	2.03%
9	97,036	3,866.00	4.15%	20,442	21.07%	61,901	63.79%	7,066	7.28%	3,027	3.12%	4,600	4.74%
10	96,614	3,444.00	3.70%	19,643	20.33%	35,093	36.32%	32,007	33.13%	6,124	6.34%	3,747	3.88%
11	97,062	3,892.00	4.18%	31,550	32.50%	41,848	43.11%	14,692	15.14%	5,140	5.30%	3,832	3.95%
12	95,253	2,083.00	2.24%	18,635	19.56%	42,177	44.28%	19,849	20.84%	9,840	10.33%	4,752	4.99%
13	97,731	4,561.00	4.90%	21,132	21.62%	55,902	57.20%	9,249	9.46%	7,761	7.94%	3,687	3.77%
14	88,475	-4,695.00	-5.04%	25,200	28.48%	45,619	51.56%	10,165	11.49%	4,093	4.63%	3,398	3.84%
	1,304,379		9.92%	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	64,623	52,263	80.87%	5,912	9.15%	5,039	7.80%	495	0.77%	914	1.41%
2	79,260	34,878	44.00%	28,142	35.51%	9,289	11.72%	4,263	5.38%	2,688	3.39%
3	65,138	22,887	35.14%	7,036	10.80%	32,264	49.53%	1,270	1.95%	1,681	2.58%
4	66,138	24,760	37.44%	8,531	12.90%	29,892	45.20%	1,182	1.79%	1,773	2.68%
5	61,865	46,559	75.26%	4,470	7.23%	9,902	16.01%	134	0.22%	800	1.29%
6	70,313	45,501	64.71%	11,404	16.22%	10,018	14.25%	1,981	2.82%	1,409	2.00%
7	65,032	28,316	43.54%	5,361	8.24%	29,297	45.05%	683	1.05%	1,375	2.11%
8	64,168	26,583	41.43%	4,903	7.64%	31,156	48.55%	228	0.36%	1,298	2.02%
9	78,655	14,937	18.99%	52,172	66.33%	5,715	7.27%	2,596	3.30%	3,235	4.11%
10	71,876	13,323	18.54%	27,777	38.65%	23,732	33.02%	4,499	6.26%	2,545	3.54%
11	77,584	22,237	28.66%	36,157	46.60%	11,851	15.28%	4,539	5.85%	2,800	3.61%
12	77,505	13,751	17.74%	36,218	46.73%	15,492	19.99%	8,573	11.06%	3,471	4.48%
13	77,882	14,987	19.24%	46,956	60.29%	7,519	9.65%	5,841	7.50%	2,579	3.31%
14	79,666	19,980	25.08%	43,728	54.89%	9,091	11.41%	3,907	4.90%	2,960	3.72%
	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 - 47 out of 443 Neighborhood Associations

3. Compactness analysis for each district:

District	Area:	Perimeter:	Reock	Polsby-Popper	Convex Hull Ratio:	Schwartzberg
District 1	17.98	29.32	0.38	0.26	0.75	0.51
District 2	56.40	142.34	0.09	0.03	0.22	0.19
District 3	46.34	64.67	0.22	0.14	0.58	0.37
District 4	20.42	31.54	0.23	0.26	0.72	0.51
District 5	19.98	22.23	0.36	0.51	0.85	0.71
District 6	42.37	73.02	0.17	0.10	0.44	0.32
District 7	24.89	39.63	0.21	0.20	0.55	0.45
District 8	54.46	64.07	0.17	0.17	0.61	0.41
District 9	20.77	22.89	0.31	0.50	0.86	0.71
District 10	15.73	19.66	0.40	0.51	0.88	0.72
District 11	15.82	25.70	0.30	0.30	0.72	0.55
District 12	14.70	21.13	0.30	0.41	0.81	0.64
District 13	22.97	36.50	0.27	0.22	0.66	0.47
District 14	10.53	22.42	0.21	0.26	0.58	0.51
Average	27.38	43.94	0.26	0.28	0.66	0.50



City of Dallas

2021/22 City of Dallas Redistricting Plan Submission - COD-017-B on 5-10-22 by Cm. Bryant

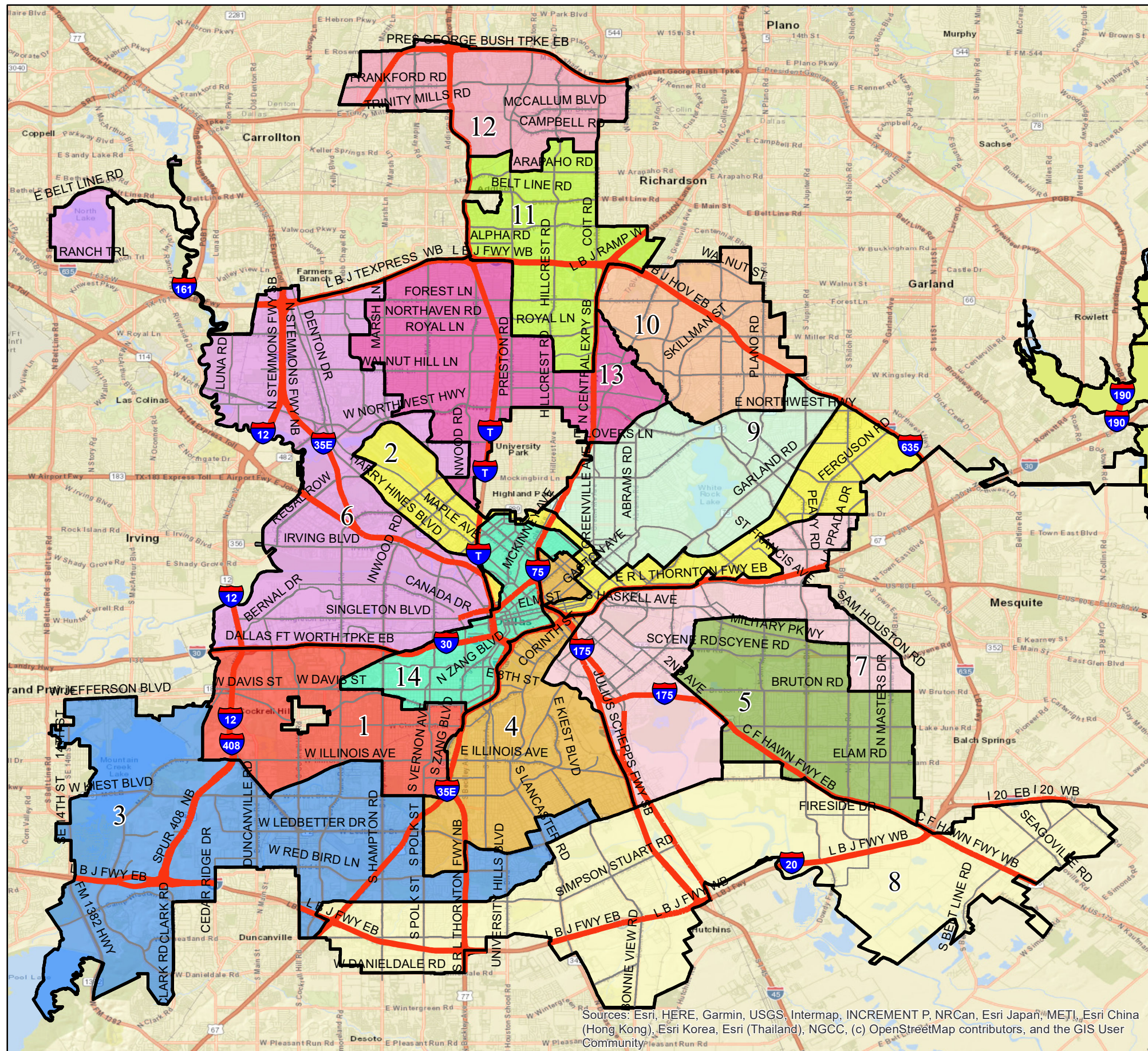
Map Meets the Redistricting Criteria

General Information	
Plan-ID	COD-017-B
Plan Creator	Cm. Randall Bryant
Submitted On	5/9/2010
Status	Meets Criteria
Deviation, Area and Perimeter	
Maximum Deviation	9.92%
Average Area	27.38
Average Perimeter	43.94
Average Compactness Scores	
Average Reock Score	0.26
Average Polsby-Popper Score	0.28
Average Convex Hull Score	0.66
Average Schwartzberg Score	0.50
Minority Majority Districts	
Number of Minority/Plurality Districts	8(3 NHB, 5 Hisp)
Number of Neighborhood splits	47

Highways

Districts

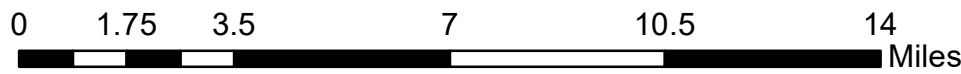
1	8
2	9
3	10
4	11
5	12
6	13
7	14



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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

