



City of Dallas 2021-22 Redistricting

Submitted Map Analysis

Plan Summary – Plan ID: COD-023-Kingston (Submitter: Philip Kingston)

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 – 7.61%

2. Contiguity: All districts should be geographically contiguous.

Plan meets Criteria

Plan does not meet Criteria

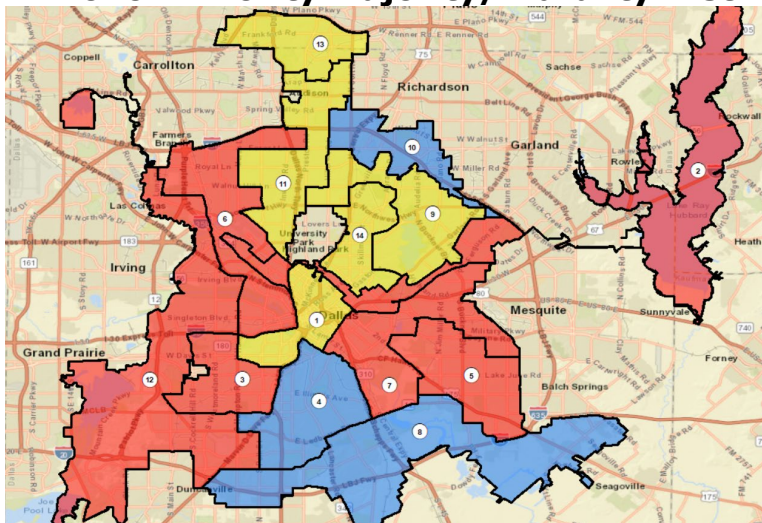
3. Unassigned Units – None

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, 12)

(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	93,250	80.00	0.09%	21,928	23.52%	50,471	54.12%	11,698	12.54%	4,845	5.20%	3,563	3.82%
2	92,612	-558.00	-0.60%	50,458	54.48%	23,505	25.38%	11,741	12.68%	3,651	3.94%	2,256	2.44%
3	92,967	-203.00	-0.22%	74,248	79.86%	7,531	8.10%	9,177	9.87%	473	0.51%	1,107	1.19%
4	89,405	-3,765.00	-4.04%	40,931	45.78%	3,119	3.49%	42,954	48.04%	348	0.39%	1,366	1.53%
5	91,564	-1,606.00	-1.72%	72,537	79.22%	5,038	5.50%	12,598	13.76%	151	0.16%	825	0.90%
6	96,497	3,327.00	3.57%	57,485	59.57%	24,706	25.60%	9,878	10.24%	1,920	1.99%	1,562	1.62%
7	91,716	-1,454.00	-1.56%	41,815	45.59%	8,431	9.19%	38,527	42.01%	740	0.81%	1,496	1.63%
8	90,104	-3,066.00	-3.29%	39,248	43.56%	5,678	6.30%	43,047	47.77%	208	0.23%	1,250	1.39%
9	93,279	109.00	0.12%	15,979	17.13%	63,328	67.89%	6,573	7.05%	2,619	2.81%	2,628	2.82%
10	96,210	3,040.00	3.26%	31,497	32.74%	20,390	21.19%	35,097	36.48%	4,572	4.75%	2,400	2.49%
11	94,435	1,265.00	1.36%	20,739	21.96%	52,592	55.69%	11,823	12.52%	4,447	4.71%	2,810	2.98%
12	92,821	-349.00	-0.37%	43,527	46.89%	8,666	9.34%	35,716	38.48%	2,093	2.25%	1,638	1.76%
13	95,860	2,690.00	2.89%	18,893	19.71%	42,357	44.19%	19,961	20.82%	8,618	8.99%	3,486	3.64%
14	93,659	489.00	0.52%	21,889	23.37%	50,581	54.01%	9,974	10.65%	5,506	5.88%	3,141	3.35%
	1,304,379		7.61%	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	84,614	17,798	21.03%	48,440	57.25%	9,968	11.78%	4,845	5.73%	3,563	4.21%
2	73,660	36,590	49.67%	21,739	29.51%	9,424	12.79%	3,651	4.96%	2,256	3.06%
3	68,225	52,719	77.27%	6,739	9.88%	7,187	10.53%	473	0.69%	1,107	1.62%
4	64,630	26,236	40.59%	2,710	4.19%	33,970	52.56%	348	0.54%	1,366	2.11%
5	63,534	48,195	75.86%	4,467	7.03%	9,896	15.58%	151	0.24%	825	1.30%
6	73,478	40,203	54.71%	21,302	28.99%	8,491	11.56%	1,920	2.61%	1,562	2.13%
7	66,517	27,837	41.85%	7,384	11.10%	29,060	43.69%	740	1.11%	1,496	2.25%
8	61,257	24,164	39.45%	4,622	7.55%	31,013	50.63%	208	0.34%	1,250	2.04%
9	73,184	11,335	15.49%	51,320	70.12%	5,282	7.22%	2,619	3.58%	2,628	3.59%
10	72,492	21,385	29.50%	17,847	24.62%	26,288	36.26%	4,572	6.31%	2,400	3.31%
11	75,700	15,014	19.83%	43,798	57.86%	9,631	12.72%	4,447	5.87%	2,810	3.71%
12	67,111	29,451	43.88%	7,619	11.35%	26,310	39.20%	2,093	3.12%	1,638	2.44%
13	78,049	13,942	17.86%	36,422	46.67%	15,581	19.96%	8,618	11.04%	3,486	4.47%
14	77,254	16,093	20.83%	44,358	57.42%	8,156	10.56%	5,506	7.13%	3,141	4.07%
	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 - 59 out of 443 Neighborhood Associations

3. Compactness analysis for each district:

District	Area:	Perimeter:	Reock	Polsby-Popper	Convex Hull Ratio:	Schwartzberg
District 1	12.63	22.08	0.27	0.33	0.68	0.57
District 2	52.41	138.05	0.08	0.03	0.22	0.19
District 3	14.32	20.17	0.39	0.44	0.78	0.66
District 4	22.48	22.87	0.33	0.54	0.83	0.73
District 5	21.29	24.60	0.32	0.44	0.81	0.66
District 6	27.73	47.16	0.21	0.16	0.51	0.40
District 7	25.73	39.09	0.22	0.21	0.57	0.46
District 8	51.90	64.80	0.16	0.16	0.60	0.39
District 9	23.88	37.19	0.26	0.22	0.62	0.47
District 10	13.93	33.72	0.17	0.15	0.60	0.39
District 11	22.88	39.21	0.21	0.19	0.65	0.43
District 12	67.51	108.72	0.12	0.07	0.39	0.27
District 13	14.67	20.83	0.30	0.43	0.81	0.65
District 14	11.99	22.13	0.30	0.31	0.69	0.55
Average	27.38	45.76	0.24	0.26	0.63	0.49



2021/22 City of Dallas Redistricting Plan Submission - COD-023-Kingston on 3-23-22

Map Meets the Redistricting Criteria

General Information	
Plan-ID	COD-023-Kingston
Submitted By	Philip Kingston
Submitted On	3/22/2022
Status	Meets Criteria
Deviation, Area and Perimeter	
Maximum Deviation	7.61%
Average Area	27.38
Average Perimeter	45.76
Average Compactness Scores	
Average Reock Score	0.24
Average Polsby-Popper Score	0.26
Average Convex Hull Score	0.63
Average Schwartzberg Score	0.49
Minority Majority Districts	
Number of Minority/Plurality Districts	9 (3 NH-Black, 6 Hisp)
Number of Neighborhood splits	59

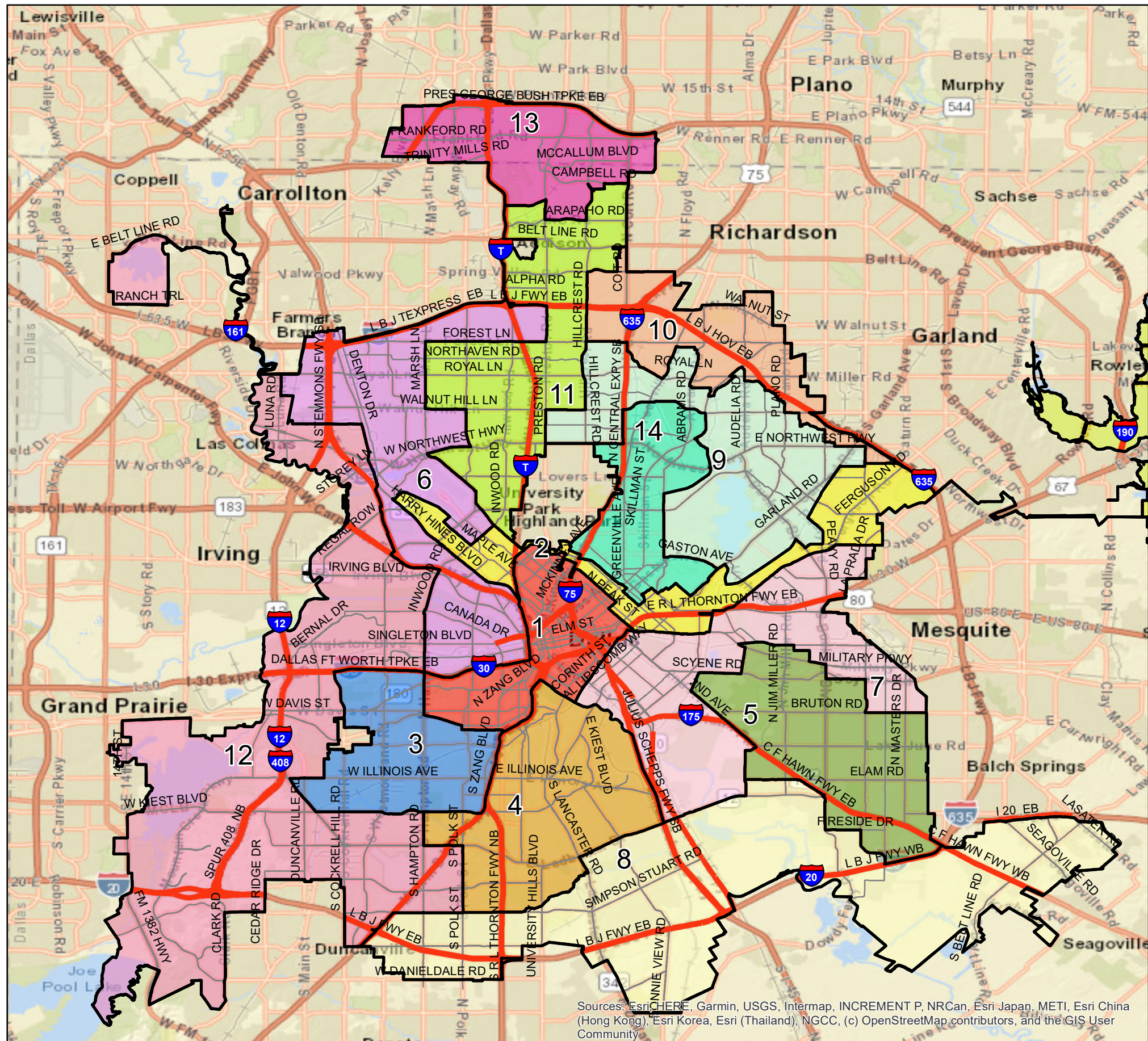
Highways

Districts

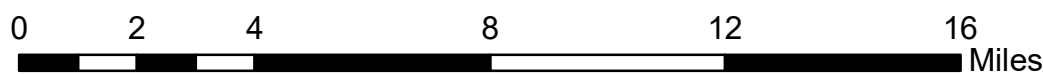
1	8
2	9
3	10
4	11
5	12
6	13
7	14

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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

