



City of Dallas 2021-22 Redistricting

Submitted Map Analysis

Plan Summary – Plan ID: COD-24-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 – 6.70%

2. Contiguity: All districts should be geographically contiguous.

Plan meets Criteria

Plan does not meet Criteria

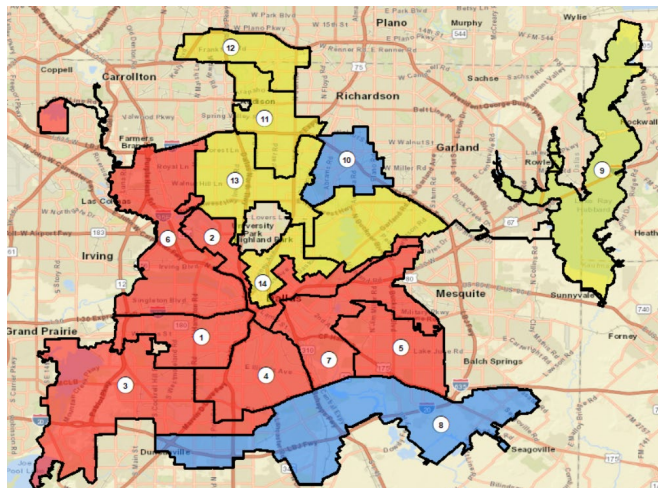
3. Unassigned Units – None

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 – 2(8, 10)

Hispanic – 7

(1, 2, 3, 4, 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	89,769	-3,401.00	-3.65%	66,880	74.50%	13,952	15.54%	6,533	7.28%	667	0.74%	1,737	1.93%
2	95,040	1,870.00	2.01%	45,352	47.72%	28,644	30.14%	13,163	13.85%	4,583	4.82%	3,298	3.47%
3	90,726	-2,444.00	-2.62%	43,762	48.24%	7,925	8.74%	35,050	38.63%	1,768	1.95%	2,221	2.45%
4	91,527	-1,643.00	-1.76%	46,487	50.79%	3,390	3.70%	39,262	42.90%	452	0.49%	1,936	2.12%
5	92,247	-923.00	-0.99%	68,994	74.79%	4,686	5.08%	17,222	18.67%	172	0.19%	1,173	1.27%
6	93,322	152.00	0.16%	58,789	63.00%	15,832	16.96%	14,256	15.28%	2,508	2.69%	1,937	2.08%
7	95,304	2,134.00	2.29%	45,802	48.06%	9,110	9.56%	37,299	39.14%	875	0.92%	2,218	2.33%
8	93,921	751.00	0.81%	41,734	44.44%	6,066	6.46%	43,836	46.67%	340	0.36%	1,945	2.07%
9	93,376	206.00	0.22%	31,176	33.39%	45,889	49.14%	9,540	10.22%	3,115	3.34%	3,656	3.92%
10	93,863	693.00	0.74%	24,747	26.37%	26,538	28.27%	31,274	33.32%	7,891	8.41%	3,413	3.64%
11	96,013	2,843.00	3.05%	31,075	32.37%	41,276	42.99%	14,688	15.30%	5,225	5.44%	3,749	3.90%
12	93,956	786.00	0.84%	18,855	20.07%	41,007	43.64%	19,725	20.99%	9,630	10.25%	4,739	5.04%
13	92,268	-902.00	-0.97%	13,665	14.81%	60,496	65.57%	8,990	9.74%	5,337	5.78%	3,780	4.10%
14	93,047	-123.00	-0.13%	13,856	14.89%	61,582	66.18%	7,926	8.52%	5,257	5.65%	4,426	4.76%
	1,304,379		6.70%	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	67,439	47,930	71.07%	12,355	18.32%	5,209	7.72%	586	0.87%	1,359	2.02%
2	79,447	34,329	43.21%	27,125	34.14%	10,965	13.80%	4,232	5.33%	2,796	3.52%
3	66,493	29,576	44.48%	7,022	10.56%	26,855	40.39%	1,472	2.21%	1,568	2.36%
4	65,853	30,271	45.97%	2,942	4.47%	30,925	46.96%	377	0.57%	1,338	2.03%
5	63,881	45,955	71.94%	4,152	6.50%	12,825	20.08%	139	0.22%	810	1.27%
6	69,741	40,794	58.49%	14,071	20.18%	11,363	16.29%	2,104	3.02%	1,409	2.02%
7	69,131	30,431	44.02%	7,995	11.56%	28,350	41.01%	751	1.09%	1,604	2.32%
8	64,235	25,798	40.16%	4,966	7.73%	31,882	49.63%	251	0.39%	1,338	2.08%
9	70,945	21,590	30.43%	37,153	52.37%	7,418	10.46%	2,361	3.33%	2,423	3.42%
10	68,970	16,633	24.12%	21,345	30.95%	23,081	33.47%	5,540	8.03%	2,371	3.44%
11	77,048	21,879	28.40%	35,956	46.67%	11,855	15.39%	4,585	5.95%	2,773	3.60%
12	76,056	13,906	18.28%	34,926	45.92%	15,373	20.21%	8,415	11.06%	3,436	4.52%
13	76,015	10,232	13.46%	51,216	67.38%	7,464	9.82%	4,500	5.92%	2,603	3.42%
14	84,451	11,638	13.78%	57,543	68.14%	6,692	7.92%	4,878	5.78%	3,700	4.38%
	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 - 48 out of 443 Neighborhood Associations

3. Compactness analysis for each district:

District	Area:	Perimeter:	Reock	Polsby-Popper	Convex Hull Ratio:	Schwartzberg
District 1	17.04	25.85	0.32	0.32	0.79	0.57
District 2	17.17	55.39	0.10	0.07	0.32	0.27
District 3	48.34	61.53	0.25	0.16	0.61	0.40
District 4	21.10	21.47	0.35	0.58	0.85	0.76
District 5	19.50	26.75	0.35	0.34	0.80	0.59
District 6	42.32	69.14	0.17	0.11	0.43	0.33
District 7	26.46	43.19	0.22	0.18	0.57	0.42
District 8	54.23	63.82	0.16	0.17	0.63	0.41
District 9	60.44	115.51	0.13	0.06	0.34	0.24
District 10	12.46	20.70	0.35	0.37	0.78	0.60
District 11	17.07	26.57	0.29	0.30	0.75	0.55
District 12	13.10	20.53	0.27	0.39	0.73	0.62
District 13	24.50	40.60	0.34	0.19	0.60	0.43
District 14	9.61	24.73	0.23	0.20	0.60	0.44
Average	27.38	43.98	0.25	0.24	0.63	0.47



City of Dallas

2021/22 City of Dallas Redistricting Plan Submission - COD-024-Kingston on 3-23-22

Map Meets the Redistricting Criteria

General Information	
Plan-ID	COD-024-Kingston
Submitted By	Philip Kingston
Submitted On	3/23/2022
Status	Meets Criteria
Deviation, Area and Perimeter	
Maximum Deviation	6.70%
Average Area	27.38
Average Perimeter	43.98
Average Compactness Scores	
Average Reock Score	0.25
Average Polsby-Popper Score	0.24
Average Convex Hull Score	0.63
Average Schwartzberg Score	0.47
Minority Majority Districts	
Number of Minority/Plurality Districts	9 (2 NH-Black, 7 Hisp)
Number of Neighborhood splits	48

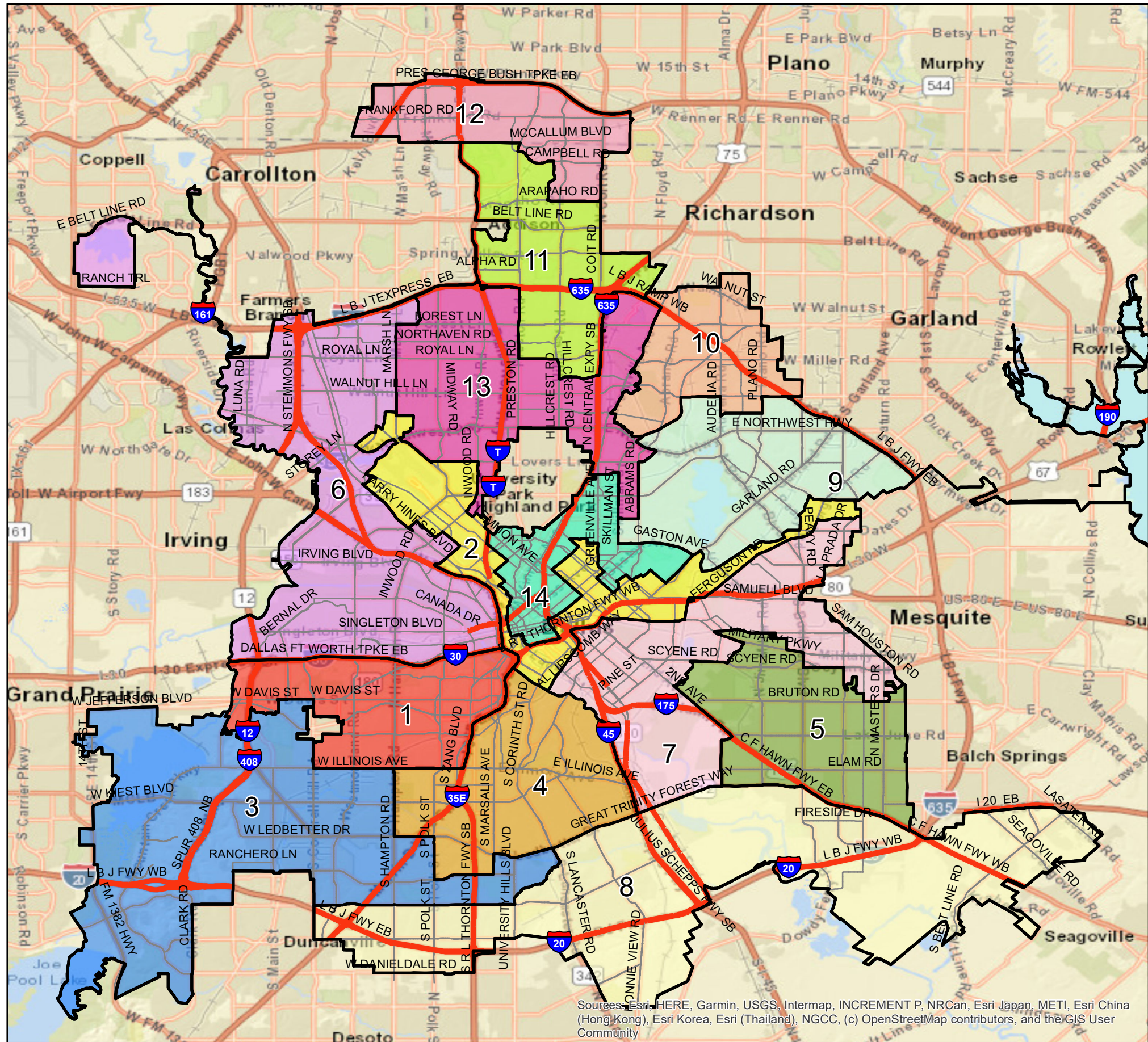
Highways

Districts

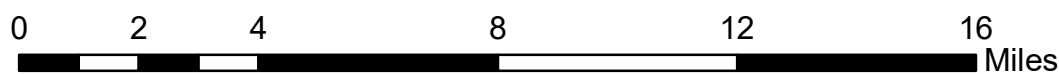
1	8
2	9
3	10
4	11
5	12
6	13
7	14

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Total	999,705	380,962	38.11%	318,767	31.89%	230,257	23.03%	40,191	4.02%	29,528	2.95%	



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

