



City of Dallas 2011 Redistricting

Plan Summary – PlanID: wPlan03c (Mayor Mike Rawlings)

GENERAL INFORMATION

PlanID: wPlan03c (Mayor Mike Rawlings)

Modification record: wPlan03
wPlan03a
wPlan03b
wPlan03b Draft Plan Option 1
wPlan03c

REVIEW CRITERIA

1. Population Equality: All districts should have substantially equal population.

- Meets criteria – **Deviation exceeds 5%**
 Does not meet criteria

This plan revision meets the population equality test. The total range of deviation is **9.28%** with an average deviation of **2.79%**.

2. Minority Representation: Voting strength of minorities should not be diluted.

- Meets criteria
 Does not meet criteria

This plan includes 8 minority districts and 2 minority coalition district.

3. Contiguity and Compactness: All districts should be geographically compact and contiguous.

- Meets criteria
 Does not meet criteria

This plan meets the contiguity and compactness test. All districts are contiguous. On the following page are the compactness scores based on four measures of geographic compactness compared to the City as a whole.

Other considerations

1. Incumbents: The configuration of districts shall be neutral to incumbents.

2. Communities of Interest: Where possible, communities of interest shall be maintained in a single district.

Attachments:

1. Map and summary demographic report of proposed council districts (11x17)



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COMPACTNESS

District	Perimeter	Area	Reock		Convex Hull		Polsby-Popper		Schwartzberg	
	(mile)	(sq. mile)	Score	Index	Score	Index	Score	Index	Score	Index
District 1	24.87	11.28	26.47	0.90	54.09	0.75	22.92	0.82	47.88	0.91
District 2	29.42	16.72	21.77	0.92	66.00	1.31	24.28	2.33	49.27	1.52
District 3	34.37	31.44	47.05	1.63	77.51	1.36	33.44	3.06	57.83	1.75
District 4	43.96	34.32	36.08	1.94	66.97	1.32	22.32	1.89	47.25	1.38
District 5	59.06	46.28	40.94	2.82	64.02	1.37	16.67	1.51	40.83	1.23
District 6	32.49	27.28	48.09	2.03	75.57	1.58	32.46	2.59	56.98	1.61
District 7	32.46	32.72	42.94	1.74	76.67	1.19	39.03	3.11	62.48	1.76
District 8	44.02	38.10	39.49	2.16	64.70	1.25	24.71	2.29	49.71	1.51
District 9	27.68	15.45	39.38	0.93	63.09	0.82	25.35	0.76	50.35	0.87
District 10	20.50	15.97	53.29	0.97	88.08	1.06	47.76	1.23	69.11	1.11
District 11	26.73	16.58	31.87	0.85	70.25	1.08	29.15	1.24	53.99	1.11
District 12	20.48	14.13	36.91	0.88	75.07	0.95	42.34	0.99	65.07	1.00
District 13	30.94	21.20	39.60	1.04	71.47	1.00	27.83	1.12	52.75	1.06
District 14	29.99	20.14	39.15	1.39	71.53	1.49	28.13	2.80	53.04	1.67
Average	32.64	24.40	38.79	1.28	70.36	1.14	29.74	1.48	54.04	1.25

Previous Plan Average Compactness Scores

Plan	Perimeter	Area	Reock		Convex Hull		Polsby-Popper		Schwartzberg	
	(mile)	(sq. mile)	Score	Index	Score	Index	Score	Index	Score	Index
wPlan03	31.62	24.40	40.47	1.34	71.91	1.17	32.03	1.59	56.02	1.30
wPlan03a	31.96	24.40	40.30	1.33	72.02	1.17	31.56	1.57	55.70	1.29
wPlan03b	32.39	24.40	39.25	1.30	71.28	1.16	30.45	1.52	54.73	1.27
Option 1	32.38	24.40	39.24	1.30	71.16	1.15	30.46	1.52	54.74	1.27
wPlan03c	32.39	24.40	39.36	1.30	71.09	1.15	30.49	1.52	54.75	1.27



DEMOGRAPHICS

District	Total Population									Voting Age Population						
	Total Population	Deviation		Hispanic		Non-Hispanic				Total VAP	Hispanic		Non-Hispanic			
		#	%	#	%	Black		White			#	%	Black		White	
						#	%	#	%				#	%	#	%
District 1 ¹	83,459	-2,099	-2.45	58,572	70.18	8,294	9.94	15,471	18.54	61,662	38,507	62.45	7,468	12.11	14,702	23.84
District 2 ¹	86,828	1,270	1.48	54,855	63.18	16,635	19.16	13,617	15.68	60,577	34,909	57.63	11,956	19.74	12,349	20.39
District 3 ¹	83,681	-1,877	-2.19	59,043	70.56	13,054	15.60	9,451	11.29	56,829	37,579	66.13	9,063	15.95	8,531	15.01
District 4 ¹	86,739	1,181	1.38	58,411	67.34	16,572	19.11	11,047	12.74	55,870	34,631	61.98	11,477	20.54	9,231	16.52
District 5 ¹	82,939	-2,619	-3.06	27,577	33.25	45,009	54.27	8,504	10.25	58,010	16,901	29.13	32,152	55.42	7,561	13.03
District 6 ¹	85,099	-459	-0.54	60,158	70.69	6,556	7.70	15,851	18.63	61,282	39,505	64.46	5,303	8.65	14,324	23.37
District 7 ¹	81,693	-3,865	-4.52	19,605	24.00	53,255	65.19	7,435	9.10	60,908	12,221	20.06	40,420	66.36	7,105	11.67
District 8 ¹	81,880	-3,678	-4.30	25,697	31.38	52,138	63.68	3,115	3.80	57,420	15,267	26.59	38,712	67.42	2,763	4.81
District 9 ²	88,884	3,326	3.89	43,075	48.46	21,990	24.74	20,843	23.45	63,024	26,842	42.59	15,428	24.48	18,549	29.43
District 10 ²	89,373	3,815	4.46	21,703	24.28	28,379	31.75	33,331	37.29	65,663	13,728	20.91	20,013	30.48	27,336	41.63
District 11	85,272	-286	-0.33	29,585	34.69	11,252	13.20	39,635	46.48	66,919	19,751	29.51	8,667	12.95	34,538	51.61
District 12	88,629	3,071	3.59	15,229	17.18	15,130	17.07	48,928	55.21	71,443	10,858	15.20	11,690	16.36	41,267	57.76
District 13	83,713	-1,845	-2.16	22,369	26.72	7,322	8.75	48,684	58.16	63,054	14,280	22.65	5,409	8.58	39,578	62.77
District 14	89,627	4,069	4.76	11,430	12.75	4,048	4.52	69,293	77.31	78,027	8,923	11.44	3,385	4.34	61,517	78.84
City	1,197,816	9.28		507,309	42.35	299,634	25.02	345,205	28.82	880,688	323,902	36.78	221,143	25.11	299,351	33.99

1 - Indicates minority districts
2 - Indicates minority coalition district

SUMMARY DEMOGRAPHIC REPORT

District	Total Population						Voting Age Population		
	Total Population	Deviation		Hispanic %	Non-Hispanic		Hispanic %	Non-Hispanic	
		#	%		Black %	White %		Black %	White %
District 1 ¹	83,459	-2,099	-2.45	70.18	9.94	18.54	62.45	12.11	23.84
District 2 ¹	86,828	1,270	1.48	63.18	19.16	15.68	57.63	19.74	20.39
District 3 ¹	83,681	-1,877	-2.19	70.56	15.60	11.29	66.13	15.95	15.01
District 4 ¹	86,739	1,181	1.38	67.34	19.11	12.74	61.98	20.54	16.52
District 5 ¹	82,939	-2,619	-3.06	33.25	54.27	10.25	29.13	55.42	13.03
District 6 ¹	85,099	-459	-0.54	70.69	7.70	18.63	64.46	8.65	23.37
District 7 ¹	81,693	-3,865	-4.52	24.00	65.19	9.10	20.06	66.36	11.67
District 8 ¹	81,880	-3,678	-4.30	31.38	63.68	3.80	26.59	67.42	4.81
District 9 ²	88,884	3,326	3.89	48.46	24.74	23.45	42.59	24.48	29.43
District 10 ²	89,373	3,815	4.46	24.28	31.75	37.29	20.91	30.48	41.63
District 11	85,272	-286	-0.33	34.69	13.20	46.48	29.51	12.95	51.61
District 12	88,629	3,071	3.59	17.18	17.07	55.21	15.20	16.36	57.76
District 13	83,713	-1,845	-2.16	26.72	8.75	58.16	22.65	8.58	62.77
District 14	89,627	4,069	4.76	12.75	4.52	77.31	11.44	4.34	78.84
City	1,197,816		9.28	42.35	25.02	28.82	36.78	25.11	33.99

1 - Indicates minority districts
2 - Indicates minority coalition districts

LEGEND

- Highways
- Major Lakes
- Major Roads
- Waterways

Council Districts

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

Data Source:

Council Districts - City of Dallas, Mayor Mike Rawlings
Streets - City of Dallas, GIS Division
Major Lakes - City of Dallas, GIS Division

Projected coordinate system name:
NAD_1983_StatePlane_Texas_North_Central_FIPS_4202_Feet

Geographic coordinate system name:
GCS_North_American_1983

GENERAL INFORMATION

PlanID: wPlan03c (Mayor Mike Rawlings)

Average Deviation: 2.79%
Total Deviation: 9.28%
Contiguous: Yes
Minority: 8 (minority)
Representation: 2 (minority coalition)

Average Reock Index: 1.28
Average Convex Hull Index: 1.14
Average Polsby-Popper Index: 1.48
Average Schwartzberg Index: 1.25

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* State of Texas: **H.B. 1147 (W. Smith) - 05/27/2011, Effective on 09/01/2011**

