



City of Dallas 2011 Redistricting

Plan Summary – PlanID: cPlan16b (Caraway, Davis, DMPT Atkins)

GENERAL INFORMATION

PlanID: cPlan16b (Caraway, Davis, Deputy Mayor Pro Tem Atkins)

Modification record: cPlan16
cPlan16a
cPlan16a Draft Plan Option 2/cPlan16b
cPlan16c
cPlan16c Draft Plan Option 1
cPlan16d

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 **9.50%** with an average deviation of **2.14%**.

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

- Meets criteria
 Does not meet criteria

This plan includes 8 minority districts and 1 minority coalition district. District 1 total Hispanic population exceeds 70% and has a Hispanic voting age population of 70.52%.

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

	Perimeter	Area	Reock		Convex Hull		Polsby-Popper		Schwartzberg	
District	(mile)	(sq. mile)	Score	Index	Score	Index	Score	Index	Score	Index
District 1	23.58	15.67	32.68	1.11	80.29	1.12	35.42	1.27	59.52	1.13
District 2	36.39	14.98	20.12	0.85	54.26	1.07	14.21	1.36	37.70	1.17
District 3	64.13	47.87	28.40	0.98	56.38	0.99	14.63	1.34	38.24	1.16
District 4	24.81	24.28	46.79	2.51	81.98	1.61	49.57	4.21	70.40	2.05
District 5	21.92	19.19	39.65	2.73	84.89	1.82	50.20	4.55	70.85	2.13
District 6	51.12	38.74	37.97	1.60	63.34	1.32	18.63	1.48	43.16	1.22
District 7	39.93	23.93	32.63	1.32	53.20	0.83	18.86	1.50	43.42	1.23
District 8	63.96	55.97	18.17	0.99	61.92	1.20	17.19	1.60	41.46	1.26
District 9	24.64	20.78	50.29	1.19	81.20	1.06	43.00	1.29	65.57	1.14
District 10	19.59	15.63	58.90	1.08	87.85	1.06	51.14	1.31	71.52	1.15
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	32.81	22.06	36.41	0.96	69.85	0.98	25.76	1.03	50.75	1.02
District 14	29.33	11.81	35.97	1.28	54.14	1.13	17.24	1.72	41.53	1.31
<i>Average</i>	<i>34.24</i>	<i>24.40</i>	<i>36.20</i>	<i>1.19</i>	<i>69.62</i>	<i>1.13</i>	<i>30.52</i>	<i>1.52</i>	<i>53.80</i>	<i>1.25</i>

Previous Plan Average Compactness Scores

	Perimeter	Area	Reock		Convex Hull		Polsby-Popper		Schwartzberg	
Plan	(mile)	(sq. mile)	Score	Index	Score	Index	Score	Index	Score	Index
<i>cPlan16</i>	<i>35.87</i>	<i>24.40</i>	<i>33.78</i>	<i>1.12</i>	<i>67.44</i>	<i>1.09</i>	<i>26.82</i>	<i>1.34</i>	<i>50.44</i>	<i>1.17</i>
<i>cPlan16a</i>	<i>34.91</i>	<i>24.40</i>	<i>36.23</i>	<i>1.20</i>	<i>69.01</i>	<i>1.12</i>	<i>28.84</i>	<i>1.44</i>	<i>52.37</i>	<i>1.21</i>
<i>cPlan16b</i>	<i>34.37</i>	<i>24.40</i>	<i>36.22</i>	<i>1.20</i>	<i>69.48</i>	<i>1.13</i>	<i>30.25</i>	<i>1.51</i>	<i>53.57</i>	<i>1.24</i>
<i>cPlan16c</i>	<i>34.62</i>	<i>24.40</i>	<i>35.09</i>	<i>1.16</i>	<i>69.10</i>	<i>1.12</i>	<i>29.37</i>	<i>1.46</i>	<i>52.85</i>	<i>1.22</i>
<i>C Option 1</i>	<i>34.47</i>	<i>24.40</i>	<i>35.09</i>	<i>1.16</i>	<i>69.25</i>	<i>1.12</i>	<i>29.66</i>	<i>1.48</i>	<i>53.11</i>	<i>1.23</i>
<i>cPlan16d</i>	<i>34.62</i>	<i>24.40</i>	<i>35.52</i>	<i>1.17</i>	<i>69.01</i>	<i>1.12</i>	<i>29.05</i>	<i>1.45</i>	<i>52.66</i>	<i>1.22</i>



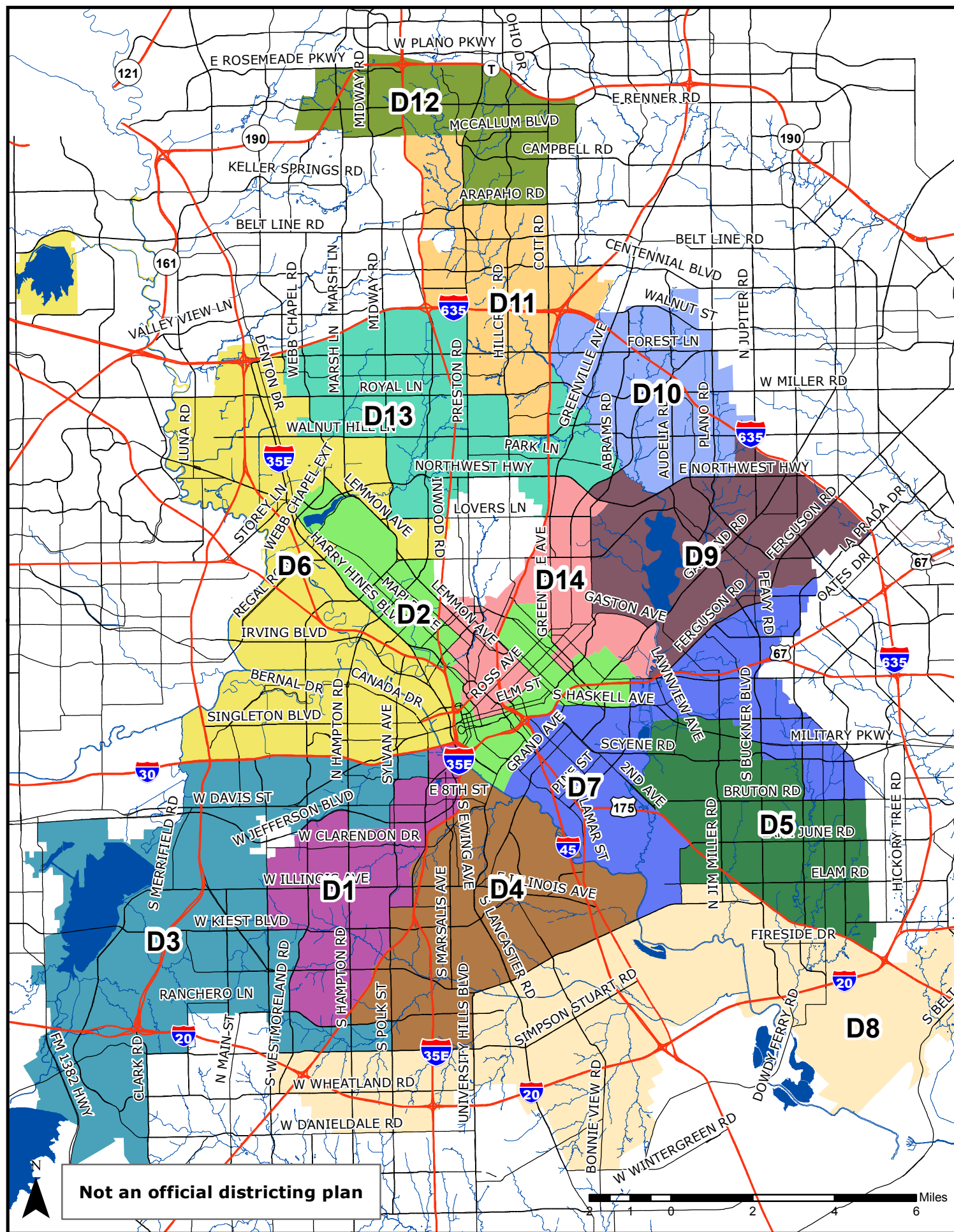
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DEMOGRAPHICS

District	Total Population									Voting Age Population						
	Total Population	Deviation		Hispanic		Non-Hispanic				Total VAP	Hispanic		Non-Hispanic			
		#	%	#	%	Black		White			#	%	Black		White	
						#	%	#	%				#	%	#	%
District 1 ¹	88,436	2,878	3.36	66,882	75.63	12,562	14.20	8,256	9.34	60,561	42,710	70.52	9,708	16.03	7,561	12.48
District 2 ¹	82,551	-3,007	-3.51	52,897	64.08	8,676	10.51	17,195	20.83	62,407	35,844	57.44	7,016	11.24	16,421	26.31
District 3 ¹	89,201	3,643	4.26	51,601	57.85	22,519	25.25	12,795	14.34	61,059	32,261	52.84	15,816	25.90	11,228	18.39
District 4 ¹	84,672	-886	-1.04	28,306	33.43	52,147	61.59	3,249	3.84	60,685	16,877	27.81	40,184	66.22	2,891	4.76
District 5 ¹	84,319	-1,239	-1.45	59,571	70.65	17,103	20.28	7,061	8.37	54,875	35,949	65.51	12,141	22.12	6,332	11.54
District 6 ¹	84,924	-634	-0.74	53,818	63.37	16,655	19.61	12,980	15.28	60,814	34,841	57.29	13,081	21.51	11,715	19.26
District 7 ¹	81,079	-4,479	-5.24	31,082	38.34	39,483	48.70	9,069	11.19	57,267	19,109	33.37	28,946	50.55	8,150	14.23
District 8 ¹	87,844	2,286	2.67	26,701	30.40	52,619	59.90	7,799	8.88	58,919	15,556	26.40	36,517	61.98	6,338	10.76
District 9	85,110	-448	-0.52	32,459	38.14	9,897	11.63	39,760	46.72	63,599	20,524	32.27	7,086	11.14	33,745	53.06
District 10 ²	85,483	-75	-0.09	19,274	22.55	27,768	32.48	32,552	38.08	62,987	12,214	19.39	19,599	31.12	26,647	42.31
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	86,508	950	1.11	26,237	30.33	7,386	8.54	47,648	55.08	64,139	16,600	25.88	5,400	8.42	38,469	59.98
District 14	83,788	-1,770	-2.07	13,667	16.31	6,437	7.68	58,278	69.55	75,014	10,808	14.41	5,292	7.05	54,049	72.05
City	1,197,816	9.50		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	88,436	2,878	3.36	75.63	14.20	9.34	70.52	16.03	12.48
District 2 ¹	82,551	-3,007	-3.51	64.08	10.51	20.83	57.44	11.24	26.31
District 3 ¹	89,201	3,643	4.26	57.85	25.25	14.34	52.84	25.90	18.39
District 4 ¹	84,672	-886	-1.04	33.43	61.59	3.84	27.81	66.22	4.76
District 5 ¹	84,319	-1,239	-1.45	70.65	20.28	8.37	65.51	22.12	11.54
District 6 ¹	84,924	-634	-0.74	63.37	19.61	15.28	57.29	21.51	19.26
District 7 ¹	81,079	-4,479	-5.24	38.34	48.70	11.19	33.37	50.55	14.23
District 8 ¹	87,844	2,286	2.67	30.40	59.90	8.88	26.40	61.98	10.76
District 9	85,110	-448	-0.52	38.14	11.63	46.72	32.27	11.14	53.06
District 10 ²	85,483	-75	-0.09	22.55	32.48	38.08	19.39	31.12	42.31
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	86,508	950	1.11	30.33	8.54	55.08	25.88	8.42	59.98
District 14	83,788	-1,770	-2.07	16.31	7.68	69.55	14.41	7.05	72.05
City	1,197,816		9.50	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, Councilmembers Caraway (D4), Davis (D7), Deputy Mayor Pro Tem Atkins (D8)
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: cPlan16b (Caraway, Davis, DMPT Atkins)

Average Deviation: 2.14%

Total Deviation: 9.50%

Contiguous: Yes

Minority Representation: 8 (minority)

1 (minority coalition)

Average Reock Index: 1.19

Average Convex Hull Index: 1.13

Average Polsby-Popper Index: 1.52

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