



City of Dallas 2011 Redistricting

Plan Summary – PlanID: cPlan16d (Jasso/Griggs/Alonzo/Koop/Margolin)

GENERAL INFORMATION

PlanID: cPlan16d (Jasso/Griggs/Alonzo/Koop/Margolin)

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 **9.60%** with an average deviation of **2.68%**.

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. Districts 1 and 6 total Hispanic population exceeds 70%. Both districts have a Hispanic voting age population of 70.01%.

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	26.18	15.35	32.02	1.09	77.30	1.07	28.16	1.01	53.06	1.01
District 2	46.63	18.84	26.02	1.10	46.99	0.93	10.89	1.04	32.99	1.02
District 3	64.83	45.66	27.08	0.94	59.79	1.05	13.65	1.25	36.95	1.12
District 4	28.55	24.70	38.47	2.07	80.90	1.59	38.08	3.23	61.71	1.80
District 5	24.05	18.84	41.62	2.86	79.51	1.71	40.92	3.71	63.97	1.93
District 6	51.45	36.02	28.27	1.19	55.57	1.16	17.10	1.36	41.35	1.17
District 7	39.89	24.24	35.82	1.45	55.84	0.87	19.15	1.52	43.76	1.23
District 8	64.90	55.27	17.94	0.98	62.55	1.21	16.49	1.53	40.61	1.24
District 9	26.73	21.09	49.04	1.16	76.47	1.00	37.10	1.11	60.91	1.05
District 10	20.39	15.92	53.13	0.97	87.81	1.06	48.13	1.24	69.37	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	35.43	22.72	37.49	0.99	70.23	0.98	22.74	0.91	47.68	0.95
District 14	40.95	12.25	30.17	1.07	45.09	0.94	9.18	0.92	30.30	0.96
<i>Average</i>	<i>36.94</i>	<i>24.40</i>	<i>34.70</i>	<i>1.15</i>	<i>67.38</i>	<i>1.09</i>	<i>26.65</i>	<i>1.33</i>	<i>50.12</i>	<i>1.16</i>

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
<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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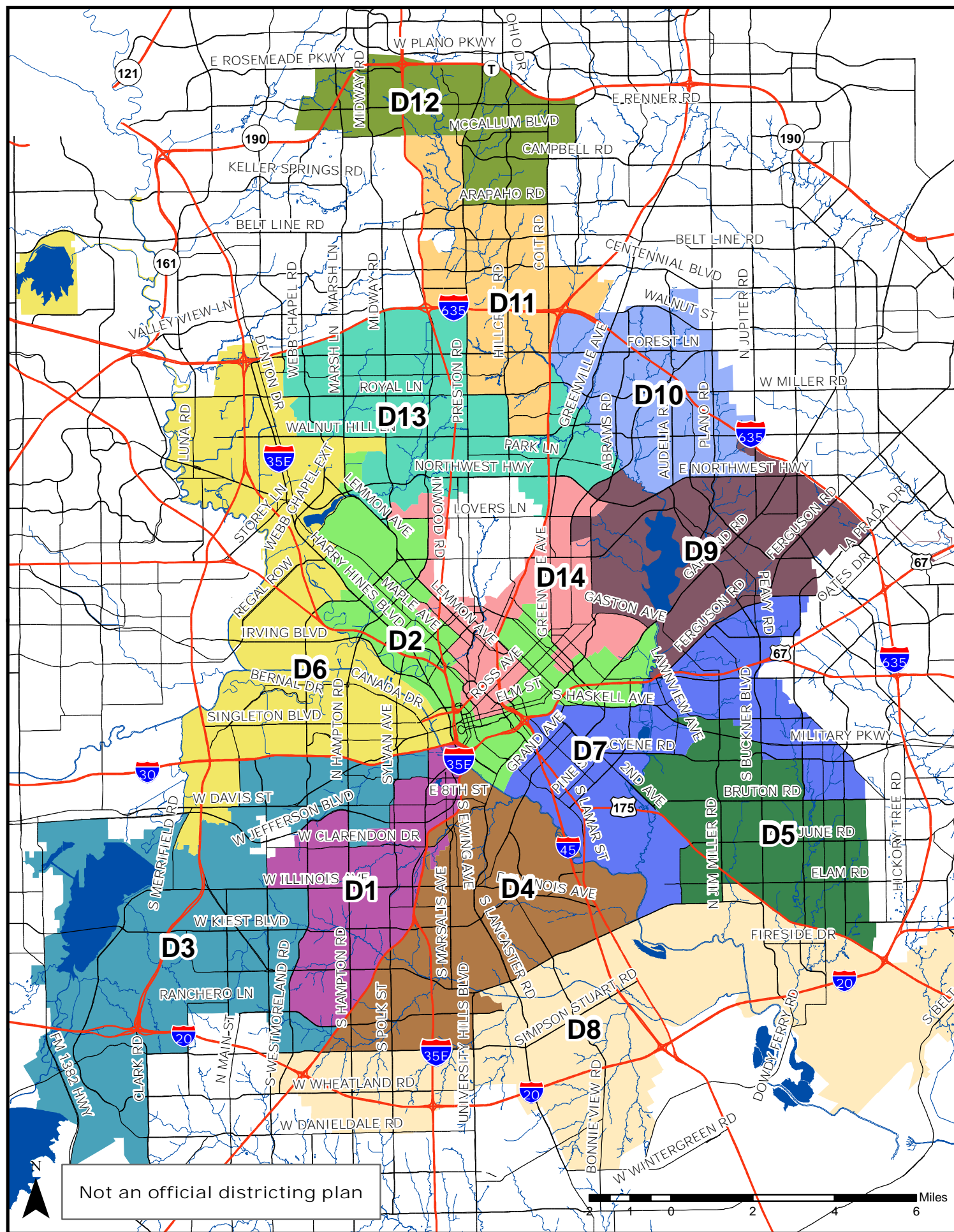
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DEMOGRAPHICS

District	Total Population									Voting Age Population						
	Total Population	Deviation		Hispanic		Non-Hispanic				Total VAP	Hispanic		Non-Hispanic			
		#	%	#	%	Black		White			#	%	Black		White	
						#	%	#	%				#	%	#	%
District 1 ¹	87,490	1,932	2.26	65,614	75.00	13,063	14.93	8,100	9.26	59,689	41,786	70.01	9,914	16.61	7,417	12.43
District 2 ¹	81,787	-3,771	-4.41	47,262	57.79	13,301	16.26	17,281	21.13	62,074	31,710	51.08	10,586	17.05	16,497	26.58
District 3 ¹	87,743	2,185	2.55	50,687	57.77	22,231	25.34	12,581	14.34	59,921	31,641	52.80	15,516	25.89	11,048	18.44
District 4 ¹	81,837	-3,721	-4.35	24,984	30.53	52,673	64.36	3,229	3.95	59,492	14,946	25.12	40,937	68.81	2,892	4.86
District 5 ¹	84,731	-827	-0.97	58,499	69.04	19,058	22.49	6,611	7.80	55,007	35,262	64.10	13,399	24.36	5,916	10.75
District 6 ¹	84,648	-910	-1.06	63,211	74.68	13,647	16.12	6,683	7.90	58,693	41,093	70.01	10,574	18.02	6,176	10.52
District 7 ¹	81,178	-4,380	-5.12	31,181	38.41	39,474	48.63	9,083	11.19	57,368	19,198	33.46	28,942	50.45	8,162	14.23
District 8 ¹	83,389	-2,169	-2.54	25,806	30.95	49,177	58.97	7,705	9.24	55,798	15,004	26.89	34,054	61.03	6,248	11.20
District 9	86,350	792	0.93	33,045	38.27	9,792	11.34	40,485	46.88	64,548	20,876	32.34	7,015	10.87	34,391	53.28
District 10 ²	87,504	1,946	2.27	20,332	23.24	28,046	32.05	33,189	37.93	64,434	12,870	19.97	19,782	30.70	27,214	42.24
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	89,395	3,837	4.48	28,060	31.39	7,558	8.45	48,463	54.21	66,395	17,821	26.84	5,538	8.34	39,293	59.18
District 14	87,863	2,305	2.69	13,814	15.72	5,232	5.95	63,232	71.97	78,907	11,086	14.05	4,529	5.74	58,292	73.87
City	1,197,816	9.60		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	87,490	1,932	2.26	75.00	14.93	9.26	70.01	16.61	12.43
District 2 ¹	81,787	-3,771	-4.41	57.79	16.26	21.13	51.08	17.05	26.58
District 3 ¹	87,743	2,185	2.55	57.77	25.34	14.34	52.80	25.89	18.44
District 4 ¹	81,837	-3,721	-4.35	30.53	64.36	3.95	25.12	68.81	4.86
District 5 ¹	84,731	-827	-0.97	69.04	22.49	7.80	64.10	24.36	10.75
District 6 ¹	84,648	-910	-1.06	74.68	16.12	7.90	70.01	18.02	10.52
District 7 ¹	81,178	-4,380	-5.12	38.41	48.63	11.19	33.46	50.45	14.23
District 8 ¹	83,389	-2,169	-2.54	30.95	58.97	9.24	26.89	61.03	11.20
District 9	86,350	792	0.93	38.27	11.34	46.88	32.34	10.87	53.28
District 10 ²	87,504	1,946	2.27	23.24	32.05	37.93	19.97	30.70	42.24
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	89,395	3,837	4.48	31.39	8.45	54.21	26.84	8.34	59.18
District 14	87,863	2,305	2.69	15.72	5.95	71.97	14.05	5.74	73.87
City	1,197,816		9.60	42.35	25.02	28.82	36.78	25.11	33.99

1 - Indicates minority districts
2 - Indicates minority coalition districts

LEGEND

- Highways
- Major Roads
- Waterways
- Major Lakes

Council Districts

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

Data Source:

Council Districts - City of Dallas, Councilmembers Jasso (D1), Griggs (D3), Alonzo (D6), Koop (D11), Margolin (D13)
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: cPlan16d (Jasso, Griggs, Alonzo, Koop, Margolin)

Average Deviation: 2.68%
Total Deviation: 9.60%
Contiguous: Yes
Minority Representation: 8 (minority)
Representation: 1 (minority coalition)

Average Reock Index: 1.15
Average Convex Hull Index: 1.09
Average Polsby-Popper Index: 1.33
Average Schwartzberg Index: 1.16

City of Dallas GIS Map Disclaimer:

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

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