

DATE FILED: October 15, 2021 4:08 PM

In re Colorado Independent Legislative Redistricting Commission

Exhibit 12

Reports Regarding Compactness Analysis



Colorado Independent
Redistricting Commissions

District Compactness
Plan: 2021 Final Approved House Plan

District	Polygon Area (sq. mi)	Perimeter (mi)	Reock	Polsby Popper	Outliers - District Information	Drive Time
1	16.31	42.02	0.31	0.12	District 1 includes a portion of the City and County of Denver. It includes the whole Bear Valley, College View – South Platte, Fort Logan, Harvey Park, Harvey Park South, Mar Lee, Marston, Ruby Hill, and Overland Denver neighborhoods, and a portion of the Westwood Denver neighborhood.	
2	12.53	17.74	0.46	0.50		
3	21.53	36.34	0.26	0.20	District 3 includes whole Cherry Hills Village, Englewood, and Sheridan; a portion of Aurora; and a portion of the City and County of Denver. The portion of Denver includes the whole Hampden South, Kennedy, and Southmoor Park Denver neighborhoods, and a portion of the Hampden Denver neighborhood.	
4	11.61	19.20	0.33	0.40		
5	15.35	25.73	0.30	0.29		
6	9.03	20.99	0.21	0.26	District 6 includes a portion of the City and County of Denver. It includes the whole Cheesman Park, Congress Park, Hale, Montclair, North Capitol Hill, and Windsor Denver neighborhoods, and portions of the Capitol Hill, East Colfax, and Lowry Field Denver neighborhoods.	
7	57.78	59.30	0.23	0.21	District 7 includes a portion of the City and County of Denver. It includes the whole Denver International Airport, Gateway – Green Valley Ranch, and Montbello Denver neighborhoods, and a portion of the Central Park Denver neighborhood.	
8	17.45	24.76	0.30	0.36		
9	12.97	18.51	0.54	0.48		
10	25.49	41.57	0.40	0.19		
11	29.21	26.90	0.59	0.51		
12	79.15	83.34	0.40	0.14	District 12 includes whole Lafayette, Louisville, and Niwot, and the whole population of Superior.	
13	7620.20	659.15	0.29	0.22	District 13 includes whole Grand County, Jackson County, Lake County, Park County, and Summit County; and whole Buena Vista, Poncha Springs, and Salida in Chaffee County.	The drive time from Salida to Silverthorne to Walden is approximately 3 hours and 31 minutes. Salida is the largest population in the district.

					District 14 includes a portion of Colorado Springs. It includes whole Briargate West, Cordera, Flying Horse Ranch, Gatehouse, Interquest, Kettle Creek, Mountain Shadows, Peregrine, Pine Creek, Pinecliff, Northgate, Rockrimmon, Summerfield, The Farm, and Wolf Ranch Colorado Springs neighborhoods, and portions of Falcon Estates, Garden of the Gods/Pleasant Valley, Old Colorado City, Pulpit Rock, and Woodmen Heights/Dublin North Colorado Springs neighborhoods.
14	42.75	56.56	0.29	0.17	
15	87.98	68.53	0.39	0.24	
16	24.64	26.59	0.51	0.44	
17	34.92	36.82	0.48	0.32	

					District 18 includes whole Green Mountain Falls and Manitou Springs, and a portion of Colorado Springs. The portion of Colorado Springs includes the whole Broadmoor Bluffs, Broadmoor Hills, Broadmoor Oaks, Cedar Heights, Gold Hill Mesa, Holland Park, Ivywild, Kissing Camels, Lower Skyway, Mesa, Mesa Springs, Midland, Old Broadmoor, Upper Skyway, and Westside Colorado Springs neighborhoods, and portions of the Downtown, Garden of the Gods/Pleasant Valley, Old Colorado City, Middle Shooks Run, Quail Lake, and Stratton Meadows Colorado Springs neighborhoods.
18	182.68	101.15	0.23	0.22	
19	147.01	73.78	0.60	0.34	
20	312.69	115.74	0.46	0.29	
21	204.48	79.18	0.52	0.41	
22	17.13	20.45	0.46	0.51	
23	29.04	43.55	0.38	0.19	
24	25.96	40.99	0.35	0.19	
25	469.18	127.90	0.35	0.36	

					The drive time from Dinosaur to Steamboat Springs to Vail is approximately 4 hours and 2 minutes. Steamboat Springs is the largest population in the district.
26	11866.19	641.37	0.43	0.36	
27	181.88	89.56	0.52	0.28	

					District 28 includes a portion of Lakewood.
28	28.93	54.01	0.31	0.12	
29	33.37	47.94	0.31	0.18	
30	17.75	21.80	0.50	0.47	
31	20.66	39.26	0.38	0.17	

					District 32 includes whole Commerce City.
32	90.43	75.50	0.25	0.20	

					District 33 includes the whole population of Broomfield, and a portion of Thornton.
33	50.25	73.86	0.24	0.12	
34	17.78	30.82	0.30	0.24	
35	15.84	25.36	0.43	0.31	
36	153.59	85.28	0.41	0.27	

					District 37 includes whole Foxfield and Greenwood Village, and portions of Aurora and Centennial.
37	34.53	41.42	0.24	0.25	
38	25.38	27.50	0.49	0.42	
39	676.15	193.36	0.49	0.23	
40	20.80	31.21	0.36	0.27	
41	13.58	16.71	0.51	0.61	
42	12.97	16.72	0.49	0.58	
43	21.01	21.99	0.37	0.55	
44	62.09	45.89	0.46	0.37	
45	79.51	68.36	0.39	0.21	
46	676.68	207.75	0.36	0.20	
					The drive time from Pueblo West to Lamar to Campo is approximately 3 hours and 33 minutes. Pueblo West is the largest population in the district.
47	16772.46	663.62	0.52	0.48	
48	542.89	176.40	0.42	0.22	
49	3449.33	411.04	0.35	0.26	
					District 50 includes whole Garden City; the whole population of Evans; and a portion of Greeley.
50	32.01	54.76	0.28	0.13	
51	74.48	44.13	0.71	0.48	
52	44.20	37.11	0.47	0.40	
53	32.90	41.33	0.41	0.24	
54	3861.59	371.04	0.44	0.35	
55	67.56	56.37	0.33	0.27	
					The drive time from Aurora to Limon to Cheyenne Wells is approximately 2 hours and 42 minutes. Aurora is the largest population in the district.
56	11037.92	571.63	0.48	0.42	
					District 57 includes whole Garfield County and Pitkin County, and whole Basalt in Eagle County.
57	4153.17	473.27	0.26	0.23	
					The drive time from Gunnison to Montrose to Lewis is approximately 4 hours. Montrose is the largest population in the district.
58	10625.70	713.35	0.40	0.26	
59	4953.73	441.43	0.31	0.32	
60	3126.49	364.58	0.51	0.30	
61	29.00	44.01	0.38	0.19	
					The drive time from Pueblo to Alamosa to Saguache is approximately 2 hours and 53 minutes. Pueblo is the largest population in the district.
62	8941.55	556.23	0.48	0.36	
					The drive time from Ault to Sterling to Wray is approximately 2 hours and 50 minutes. Sterling is the largest population in the district.
63	12419.39	533.94	0.48	0.55	
64	187.40	98.97	0.37	0.24	
65	270.01	142.72	0.33	0.17	

Source: Colorado Independent Redistricting Commissions Staff.
October 14 2021



District Compactness

Plan: Final Senate Plan

District	Polygon Area (sq. mi)	Perimeter (mi)	Reock	Polsby Popper	Outliers - District Information	Drive Time
1	12,822.08	585.50	0.49	0.47	This Douglas County district extends north-south to capture the full cities of Parker and Castle Rock.	The drive time from Idalia to Julesburg to Greeley is approximately 4 hours and 4 minutes. Greeley is the largest population in this district.
2	117.01	100.56	0.28	0.15		
3	2,404.52	208.43	0.58	0.70		
4	7,451.21	569.55	0.56	0.29		The drive time from Canon City to Leadville to Conifer is approximately 4 hours and 5 minutes. Canon City is the largest population in this district.
5	7,826.44	687.45	0.42	0.21		The drive time from Lake City to Montrose to Glenwood Springs is approximately 4 hours and 10 minutes. Montrose is the largest population in this district.
6	18,160.98	822.14	0.41	0.34		The drive time from Dove Creek to Durango to Crestone is approximately 4 hours and 48 minutes. Durango is the largest population in this district.
7	3,552.27	301.84	0.40	0.49		
8	18,829.42	679.64	0.51	0.51		The drive time from Dinosaur to Steamboat Springs to Idaho Springs is approximately 4 hours and 32 minutes. Steamboat Springs is the largest population in this district.
9	197.24	84.07	0.46	0.35		
10	49.61	35.19	0.39	0.50		
11	87.68	66.34	0.44	0.25		
12	396.79	153.35	0.31	0.21		
13	192.98	163.02	0.15	0.09	This predominantly Weld County district extends north-south along Highway 85 to connect Greeley to Brighton in Adams County.	
14	78.77	64.99	0.42	0.23		
15	3,052.84	383.86	0.45	0.26		
16	47.63	44.50	0.32	0.30		
17	107.49	96.77	0.35	0.14	This predominantly Boulder County district extends north-south from Lafayette to Longmont and includes the Weld County portions of Erie and Longmont.	
18	82.41	70.87	0.48	0.21		
19	51.24	53.31	0.48	0.23		
20	275.06	140.29	0.48	0.18		
21	1,392.75	242.52	0.32	0.30		
22	52.10	58.43	0.41	0.19		

					This district extends north from Erie through the Carbon Valley cities of Dacono, Firestone, and Frederick, and up north of Timnath and Windsor in Larimer County.
23	417.39	226.49	0.22	0.10	
24	58.98	56.50	0.43	0.23	
25	55.12	73.99	0.30	0.13	This district includes all of Broomfield, Northglenn, and some of Adams County Westminster.
26	41.28	68.23	0.26	0.11	This district extends east-west to include far southwest Denver and the Arapahoe County cities of Sheridan, Englewood, and Greenwood Village.
27	174.72	92.46	0.27	0.26	This district extends east-west along the southern border of Arapahoe County, including some of Centennial and Aurora along with some of eastern Arapahoe County.
28	227.58	86.84	0.46	0.38	
29	23.44	22.85	0.49	0.56	
30	120.93	69.80	0.53	0.31	
31	18.56	25.05	0.44	0.37	
32	24.66	43.93	0.22	0.16	This district extends along most of the southern neighborhoods of Denver and includes Arapahoe County enclaves of Glendale and Holly Hills.
33	73.80	75.45	0.18	0.16	This district extends east-west along the northern part of the City and County of Denver, including east to Denver International Airport and west to Five Points.
34	26.45	29.37	0.41	0.39	
35	25,747.46	893.51	0.54	0.41	The drive time from Ponderosa Park to Trinidad to Holly is approximately 5 hours and 32 minutes. Trinidad is the largest population in this district.

Source: Colorado Independent Redistricting Commissions Staff.
October 13, 2021