No. 2021AP1450-OA

IN THE SUPREME COURT OF WISCONSIN

BILLIE JOHNSON, ERIC O'KEEFE,
ED PERKINS, AND RONALD ZAHN,
Petitioners,

BLACK LEADERS ORGANIZING FOR COMMUNITIES,
VOCES DE LA FRONTERA, LEAGUE OF WOMEN VOTERS OF WISCONSIN,
CINDY FALLONA, LAUREN STEPHENSON, REBECCA ALWIN, CONGRESSMAN
GLENN GROTHMAN, CONGRESSMAN MIKE GALLAGHER, CONGRESSMAN
BRYAN STEIL, CONGRESSMAN TOM TIFFANY, CONGRESSMAN SCOTT FITZGERALD, LISA HUNTER, JACOB ZABEL, JENNIFER OH, JOHN PERSA, GERALDINE
SCHERTZ, KATHLEEN QUALHEIM, GARY KRENZ, SARAH J. HAMILTON,
STEPHEN JOSEPH WRIGHT, JEAN-LUC THIFFEAULT, AND SOMESH JHA,
Intervenors-Petitioners,

v.

WISCONSIN ELECTIONS COMMISSION, MARGE BOSTELMANN, in her official capacity as a member of the Wisconsin Elections Commission, JULIE GLANCEY, in her official capacity as a member of the Wisconsin Elections Commission, ANN JACOBS, in her official capacity as a member of the Wisconsin Elections Commission, DEAN KNUDSON, in his official capacity as a member of the Wisconsin Elections Commission, ROBERT SPINDELL, JR., in his official capacity as a member of the Wisconsin Elections Commission, AND MARK THOMSEN, in his official capacity as a member of the Wisconsin Elections Commission,
Respondents,

THE WISCONSIN LEGISLATURE, GOVERNOR TONY EVERS, in his official capacity, AND JANET BEWLEY SENATE DEMOCRATIC MINORITY LEADER, on behalf of the Senate Democratic Caucus,
Intervenors-Respondents.

WISCONSIN LEGISLATURE'S APPENDIX

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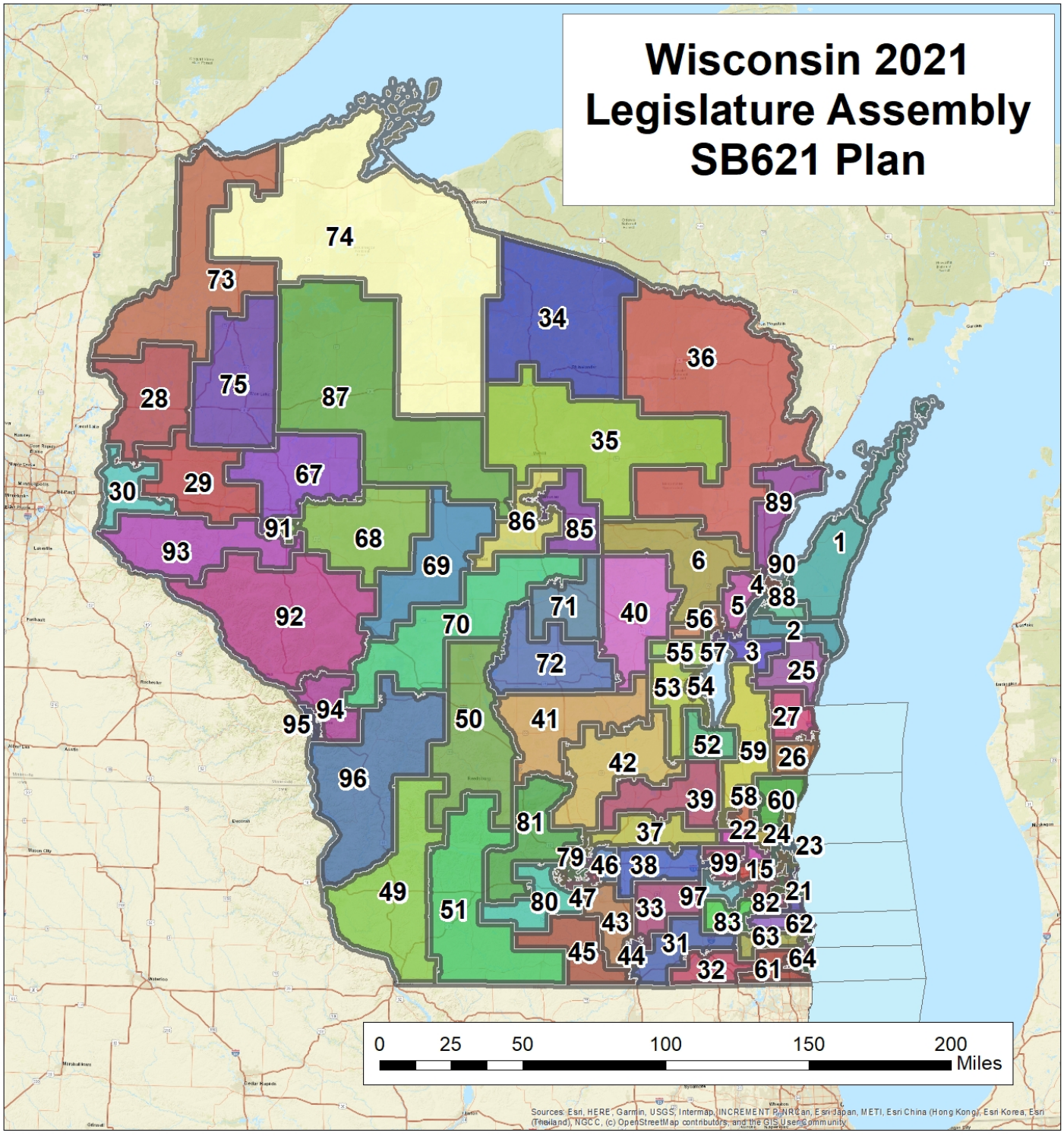
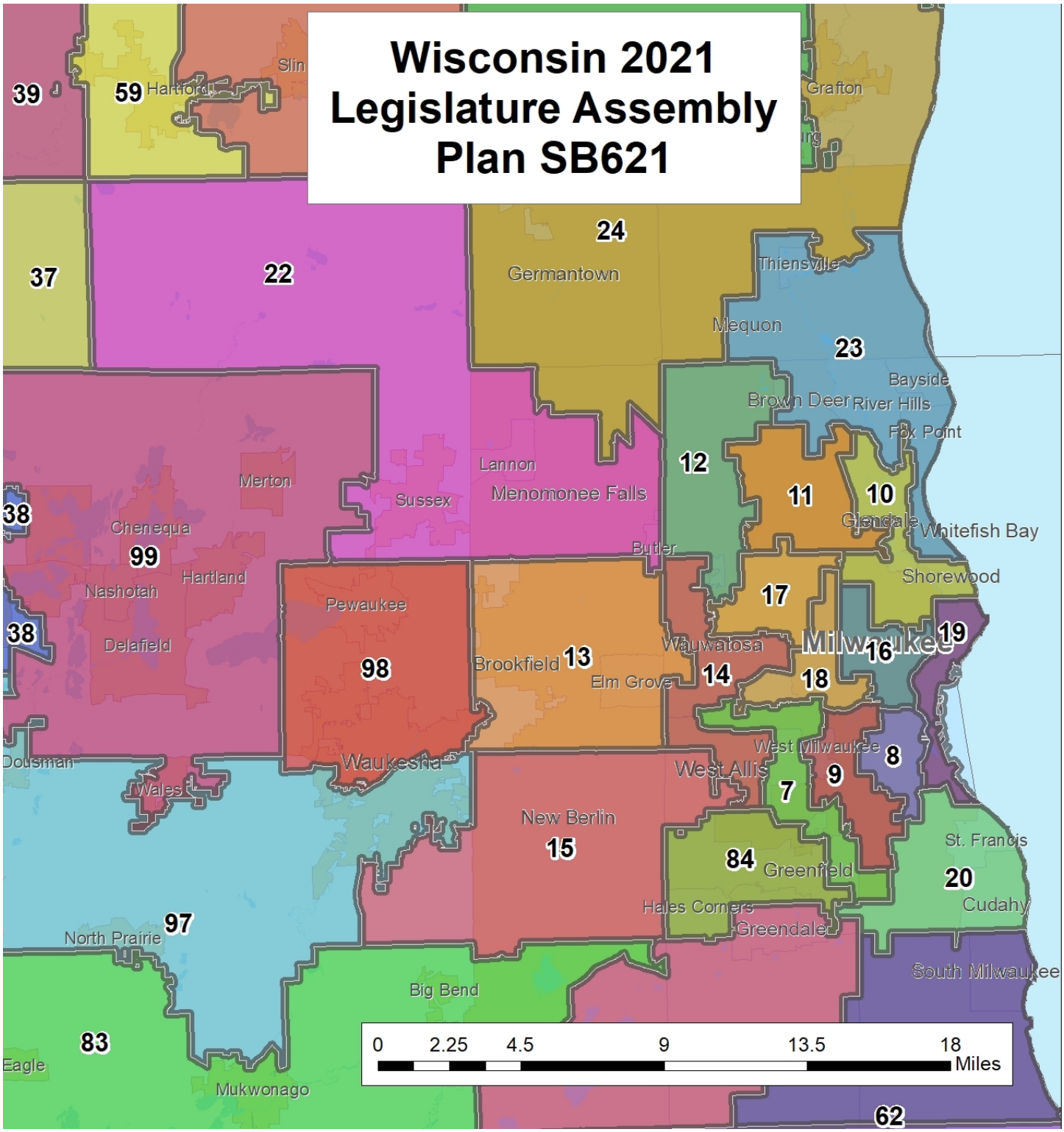
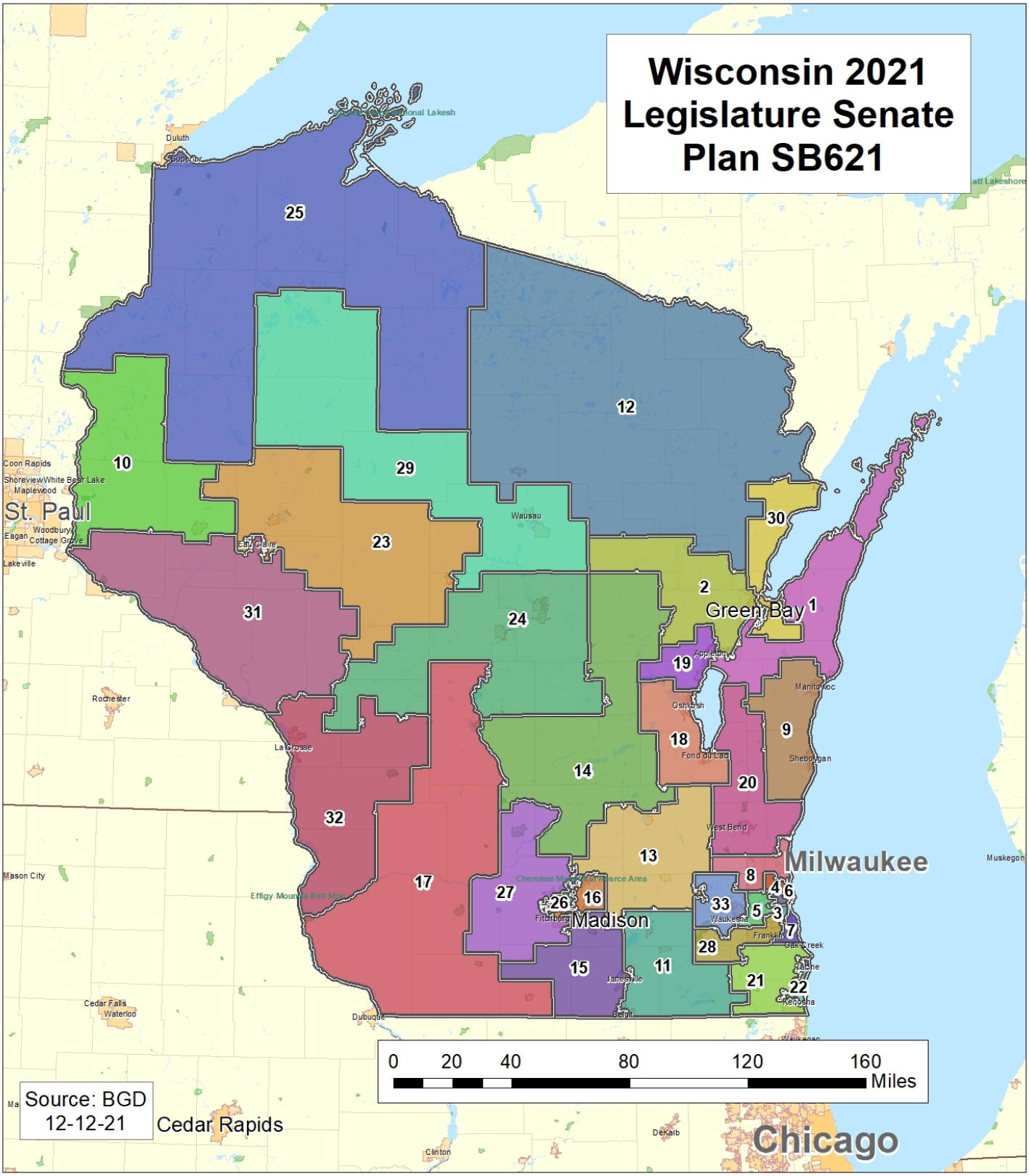
Legislature's Assembly District Plan
2021 Wis. Senate Bill 621 (enrolled)
(Bryan Report App. 4 Map 3)



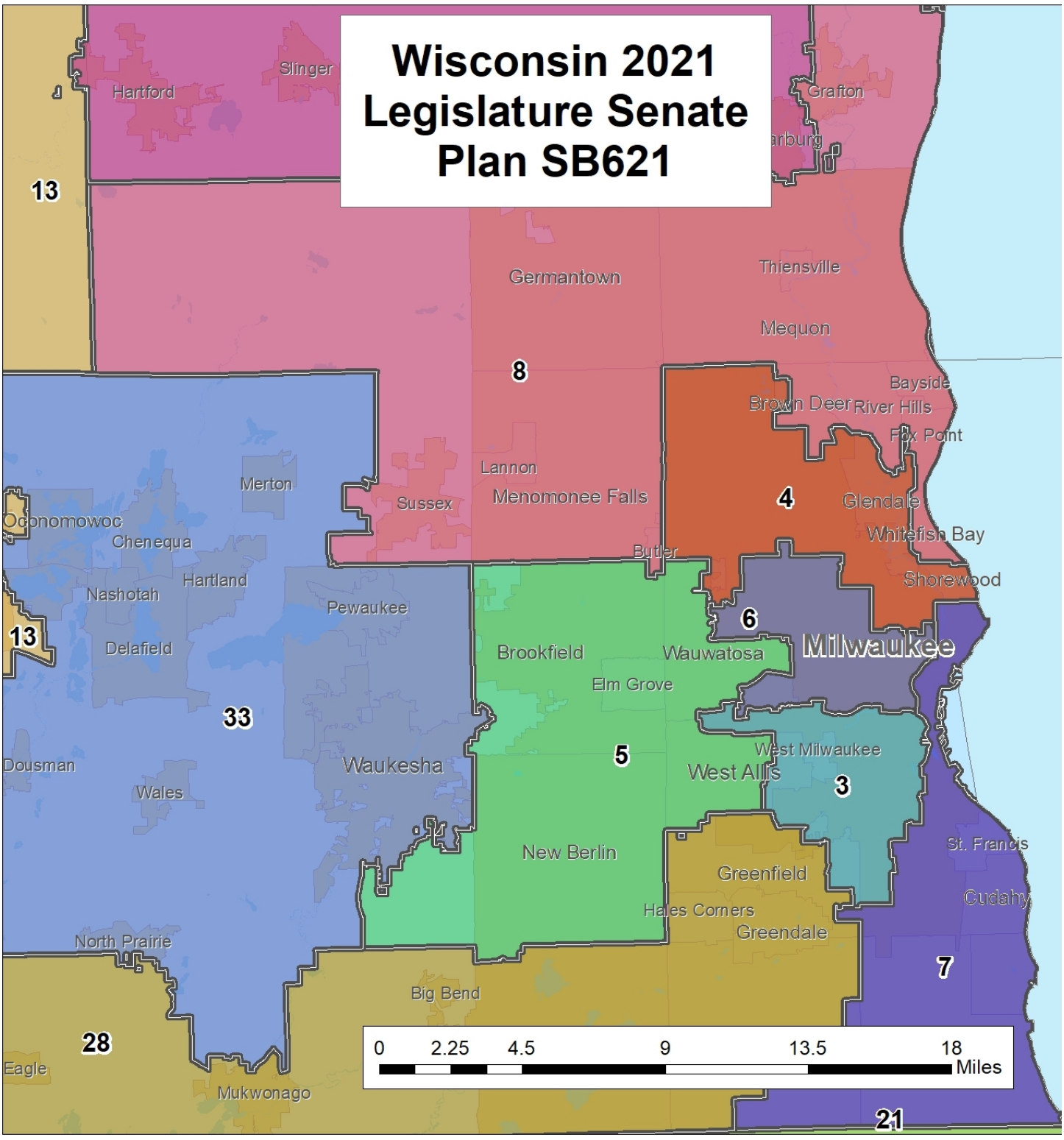
Legislature's Assembly District Plan (Milwaukee)
2021 Wis. Senate Bill 621 (enrolled)
(Bryan Report App. 4 Map 3A)



Legislature's Senate District Plan
2021 Wis. Senate Bill 621 (enrolled)
(Bryan Report App. 4 Map 5)

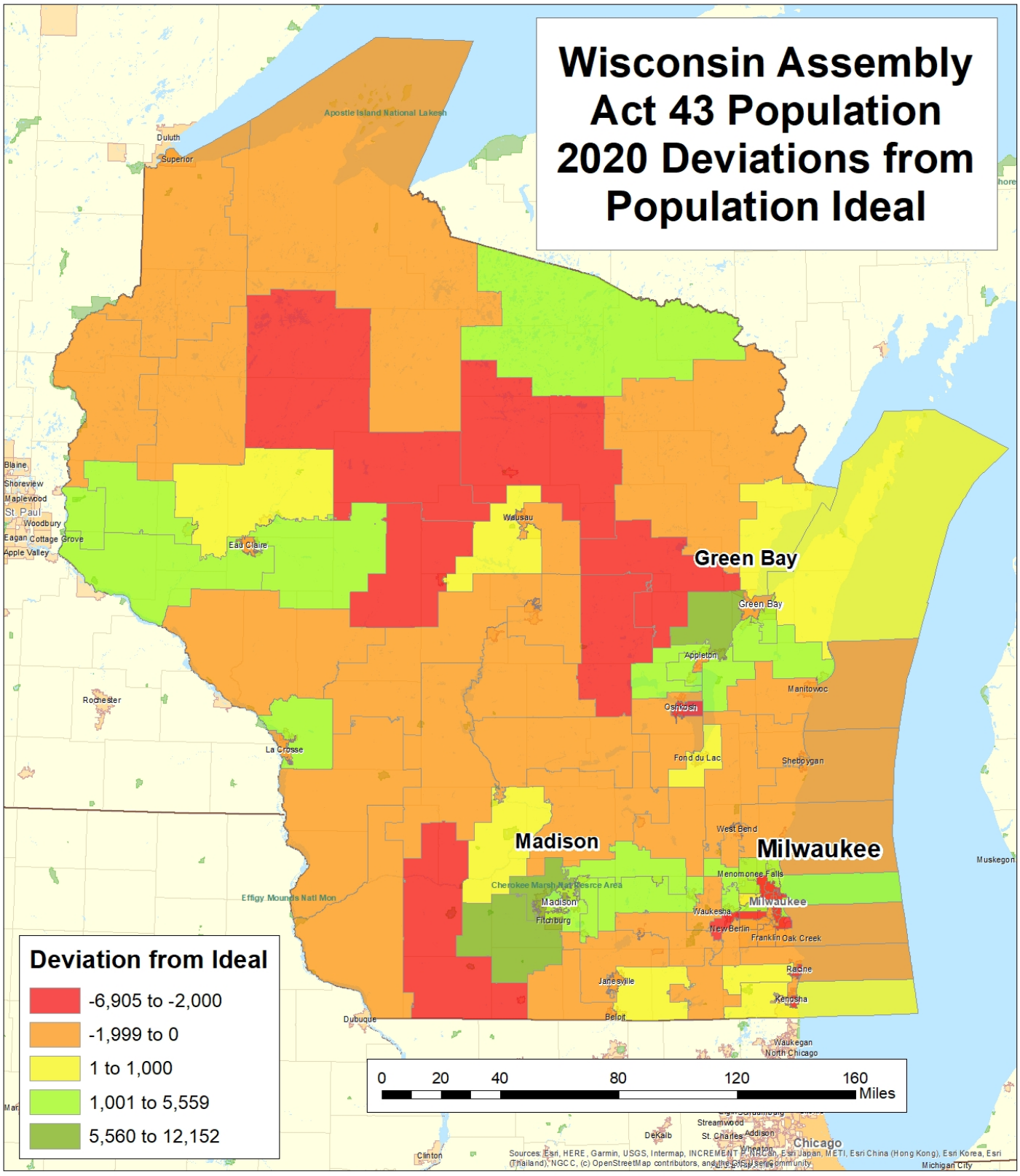


Legislature's Senate District Plan (Milwaukee)
2021 Wis. Senate Bill 621 (enrolled)
(Bryan Report App. 4 Map 5A)

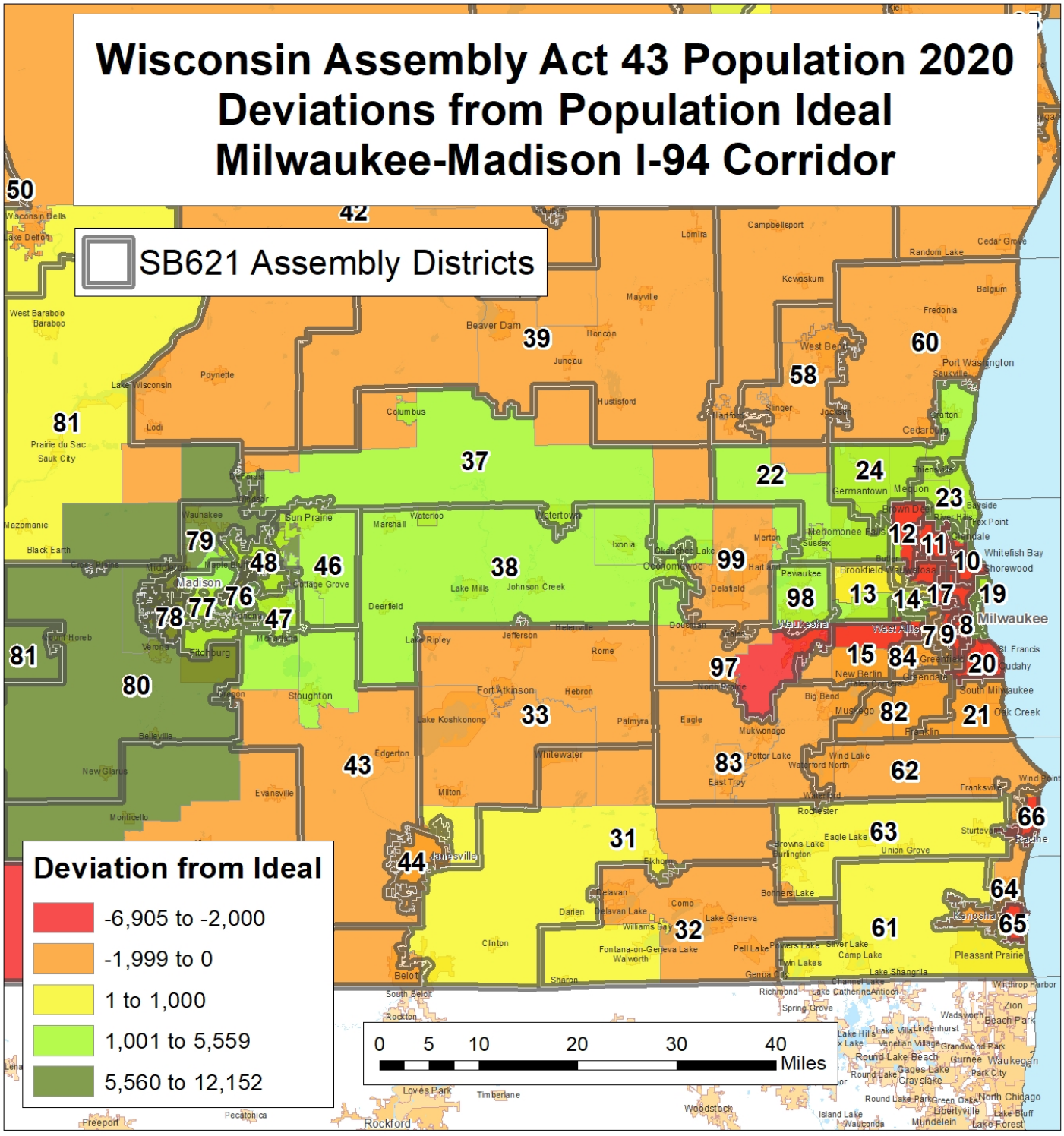


Legislature's Congressional District Plan
2021 Wis. Senate Bill 622 (enrolled)

2020 Population Deviations in Existing Act 43 Districts
(Bryan Report App. 4 Map 1)



2020 Population Deviations in Existing Act 43 Districts (I-94 Corridor)
(Bryan Report App. 4 Map 2)



Legislature's Assembly District Plan Core Retention			
Act 43 Assembly Plan	**Legislature's Assembly Plan**	**Total Population**	**Total Percentage**
1	**1**	**59,444**	**99.3%**
	2	390	0.7%
2	**2**	**48,641**	**77.7%**
	25	4,185	6.7%
	88	9,738	15.6%
3	**3**	**53,573**	**86.5%**
	5	6,202	10.0%
	59	2,131	3.4%
4	2	11	0.0%
	4	**52,489**	**89.4%**
	5	4,795	8.2%
	90	1,421	2.4%
5	4	4,344	6.4%
	5	**48,377**	**71.7%**
	6	11,085	16.4%
	56	3,622	5.4%
6	**6**	**48,049**	**83.7%**
	36	1,803	3.1%
	40	7,557	13.2%
7	**7**	**51,733**	**87.2%**
	9	7,622	12.8%
8	**8**	**53,999**	**100.0%**
9	7	27	0.0%
	8	5,363	9.4%
	9	**51,949**	**90.6%**
10	**10**	**46,146**	**87.7%**
	11	6,482	12.3%
11	10	6,276	11.6%
	11	**46,364**	**85.4%**
	12	1,635	3.0%
12	11	6,719	11.9%
	12	**49,586**	**88.1%**

Act 43 Assembly Plan	Legislature's Assembly Plan	Total Population	Total Percentage
13	7	7,843	12.7%
	13	**29,445**	**47.7%**
	14	14,063	22.8%
	18	10,428	16.9%
14	13	30,106	50.1%
	14	**24,032**	**40.0%**
	17	5,998	10.0%
15	14	21,514	37.6%
	15	**35,631**	**62.4%**
16	**16**	**53,739**	**100.0%**
17	**17**	**52,204**	**94.3%**
	18	3,139	5.7%
18	16	5,975	11.3%
	17	1,233	2.3%
	18	**45,779**	**86.4%**
19	8	0	0.0%
	16	0	0.0%
	19	**59,320**	**95.6%**
	20	2,736	4.4%
20	**20**	**56,812**	**100.0%**
21	**21**	**58,547**	**99.1%**
	82	553	0.9%
22	12	6,559	10.8%
	22	**42,396**	**69.8%**
	24	6,225	10.2%
	99	5,570	9.2%
23	**23**	**40,196**	**66.2%**
	24	20,565	33.8%
24	10	7,081	11.7%
	12	1,571	2.6%
	23	19,187	31.6%
	24	**32,898**	**54.2%**

Act 43 Assembly Plan	Legislature's Assembly Plan	Total Population	Total Percentage
25	3	3,005	5.2%
	25	**53,065**	**91.5%**
	27	857	1.5%
	59	1,059	1.8%
26	**26**	**56,829**	**96.8%**
	27	1,881	3.2%
27	25	2,210	3.7%
	26	96	0.2%
	27	**56,988**	**96.1%**
28	**28**	**45,092**	**76.1%**
	30	4,291	7.2%
	73	9,891	16.7%
29	28	13,812	22.4%
	29	**42,813**	**69.3%**
	30	5,121	8.3%
30	**30**	**47,974**	**76.5%**
	93	14,761	23.5%
31	**31**	**36,364**	**60.7%**
	32	12,844	21.4%
	33	4,836	8.1%
	44	4,678	7.8%
	45	1,230	2.1%
32	31	4,162	7.0%
	32	**46,712**	**78.6%**
	63	2,105	3.5%
	83	6,418	10.8%
33	31	2,472	4.2%
	33	**32,997**	**56.4%**
	83	23,013	39.3%
	97	8	0.0%
34	**34**	**53,892**	**88.6%**
	36	6,911	11.4%
35	6	320	0.6%
	34	2,076	3.7%
	35	**52,572**	**93.2%**
	85	636	1.1%
	87	827	1.5%

Act 43 Assembly Plan	Legislature's Assembly Plan	Total Population	Total Percentage
36	35	6,986	12.1%
	36	**50,727**	**87.9%**
37	**37**	**52,570**	**85.9%**
	38	8,612	14.1%
38	**38**	**51,006**	**82.7%**
	97	1,594	2.6%
	99	9,046	14.7%
39	37	3,772	6.5%
	39	**51,507**	**88.5%**
	59	2,913	5.0%
40	**40**	**51,761**	**90.6%**
	41	1,006	1.8%
	72	4,371	7.6%
41	**41**	**42,250**	**73.2%**
	42	15,493	26.8%
42	37	3,040	5.2%
	39	7,930	13.6%
	41	1,216	2.1%
	42	**44,085**	**75.6%**
	81	2,051	3.5%
43	31	13,154	22.1%
	33	18,202	30.6%
	43	**27,755**	**46.7%**
	44	90	0.2%
	45	291	0.5%
44	31	8	0.0%
	33	3,556	6.1%
	43	37	0.1%
	44	**54,973**	**93.9%**
45	31	3,434	6.0%
	45	**52,059**	**90.3%**
	51	2,171	3.8%
46	43	17,401	26.7%
	46	**47,691**	**73.3%**

Act 43 Assembly Plan	Legislature's Assembly Plan	Total Population	Total Percentage
47	43	4,882	7.7%
	46	1,353	2.1%
	47	**57,221**	**89.9%**
	48	6	0.0%
	76	56	0.1%
	77	102	0.2%
	78	21	0.0%
	80	5	0.0%
48	46	7,038	11.0%
	47	2,165	3.4%
	48	**52,424**	**82.2%**
	79	2,127	3.3%
49	**49**	**57,941**	**100.0%**
50	49	975	1.7%
	50	**54,975**	**93.6%**
	51	883	1.5%
	96	1,880	3.2%
51	49	552	1.0%
	50	496	0.9%
	51	**55,830**	**98.2%**
52	**52**	**54,543**	**91.1%**
	59	5,305	8.9%
53	42	0	0.0%
	52	3,152	5.4%
	53	**53,077**	**90.6%**
	54	2,350	4.0%
54	53	153	0.3%
	54	**57,258**	**99.7%**
55	**55**	**54,756**	**88.3%**
	56	6,224	10.0%
	57	1,012	1.6%
56	53	6,395	9.9%
	55	4,781	7.4%
	56	**49,750**	**77.1%**
	57	3,618	5.6%
57	3	3,150	5.4%
	57	**54,787**	**94.6%**

Act 43 Assembly Plan	Legislature's Assembly Plan	Total Population	Total Percentage
58	22	4,673	7.9%
	58	**54,381**	**92.1%**
59	26	2,715	4.7%
	27	1	0.0%
	52	1,884	3.2%
	58	5,217	9.0%
	59	**48,341**	**83.1%**
60	24	15	0.0%
	58	9	0.0%
	60	**59,334**	**100.0%**
61	**61**	**59,405**	**99.1%**
	64	567	0.9%
62	**62**	**51,118**	**87.5%**
	66	7,304	12.5%
63	62	3,273	5.5%
	63	**56,535**	**94.5%**
64	61	4	0.0%
	63	894	1.5%
	64	**54,830**	**94.8%**
	65	2,117	3.7%
65	**65**	**57,248**	**100.0%**
66	64	3,965	7.1%
	66	**52,061**	**92.9%**
67	29	13,393	22.1%
	67	**43,935**	**72.6%**
	68	1,498	2.5%
	93	1,687	2.8%
68	67	12,744	20.6%
	68	**43,981**	**71.1%**
	91	29	0.0%
	92	5,142	8.3%

Act 43 Assembly Plan	Legislature's Assembly Plan	Total Population	Total Percentage
69	68	4,255	7.4%
	69	**49,164**	**86.1%**
	86	2,276	4.0%
	87	1,439	2.5%
70	69	2	0.0%
	70	**55,576**	**95.4%**
	71	1,195	2.1%
	96	1,503	2.6%
71	70	2,130	3.7%
	71	**55,736**	**96.3%**
72	71	2,516	4.4%
	72	**55,153**	**95.6%**
73	**73**	**48,523**	**82.9%**
	74	4,985	8.5%
	75	4,999	8.5%
74	34	3,552	6.0%
	73	856	1.5%
	74	**54,602**	**92.5%**
75	28	839	1.4%
	29	3,298	5.6%
	73	197	0.3%
	75	**54,417**	**92.6%**
76	47	21	0.0%
	48	7,193	10.0%
	76	**59,608**	**83.2%**
	77	4,863	6.8%
77	47	176	0.3%
	77	**54,396**	**86.4%**
	78	5,509	8.7%
	79	2,911	4.6%
78	47	8	0.0%
	78	**53,995**	**80.4%**
	79	13,128	19.6%
	80	11	0.0%
79	46	3,238	4.6%
	48	74	0.1%
	78	138	0.2%
	79	**41,521**	**59.5%**
	80	15,065	21.6%
	81	9,696	13.9%

Act 43 Assembly Plan	Legislature's Assembly Plan	Total Population	Total Percentage
80	43	9,610	14.6%
	45	6,112	9.3%
	78	61	0.1%
	80	**44,474**	**67.6%**
	81	5,573	8.5%
81	41	14,959	25.0%
	42	4	0.0%
	50	1,801	3.0%
	51	781	1.3%
	81	**42,398**	**70.7%**
82	21	1,045	1.8%
	82	**46,230**	**78.1%**
	84	11,921	20.1%
83	15	3,263	5.6%
	62	5,034	8.6%
	82	12,581	21.4%
	83	**30,172**	**51.3%**
	84	7,720	13.1%
84	15	19,634	33.0%
	84	**39,895**	**67.0%**
85	**85**	**58,654**	**100.0%**
	86	17	0.0%
86	69	1,731	2.9%
	85	382	0.6%
	86	**57,415**	**95.0%**
	87	934	1.5%
87	68	840	1.5%
	87	**56,211**	**98.5%**
88	2	10,722	17.0%
	88	**47,392**	**75.4%**
	90	4,780	7.6%
89	4	2,803	4.7%
	89	**57,340**	**95.3%**
90	88	2,412	4.2%
	89	1,988	3.4%
	90	**53,512**	**92.4%**

Act 43 Assembly Plan	Legislature's Assembly Plan	Total Population	Total Percentage
91	67	231	0.4%
	68	2	0.0%
	91	**59,164**	**99.6%**
92	69	8,450	14.2%
	92	**50,884**	**85.8%**
93	30	2,177	3.6%
	67	2,681	4.4%
	68	8,846	14.6%
	91	220	0.4%
	92	3,498	5.8%
	93	**43,245**	**71.3%**
94	70	1,711	2.8%
	94	**59,594**	**96.0%**
	95	775	1.2%
95	**95**	**58,704**	**100.0%**
96	49	240	0.4%
	50	2,184	3.7%
	70	19	0.0%
	96	**55,929**	**95.8%**
97	15	848	1.5%
	97	**45,218**	**79.9%**
	98	10,524	18.6%
98	22	12,397	20.2%
	97	144	0.2%
	98	**48,866**	**79.6%**
99	83	3	0.0%
	97	12,700	22.0%
	98	16	0.0%
	99	**45,061**	**78.0%**

Overall Assembly Core Retention: **4,959,811**

Total Pop: 5,893,718

Overall Assembly Core Retention %: **84.2%**

Source: T. Bryan Core Retention Analysis

Legislature's Senate District Plan Core Retention			
Act 43 Senate Plan	**Legislature's Senate Plan**	**Total Population**	**Total Percentage**
1	**1**	**162,048**	**87.9%**
	2	6,202	3.4%
	9	4,185	2.3%
	20	2,131	1.2%
	30	9,738	5.3%
2	1	11	0.0%
	2	**169,139**	**92.1%**
	12	1,803	1.0%
	14	7,557	4.1%
	19	3,622	2.0%
	30	1,421	0.8%
3	**3**	**170,693**	**100.0%**
4	**4**	**163,208**	**100.0%**
5	3	7,843	4.4%
	5	**154,791**	**86.4%**
	6	16,426	9.2%
6	**6**	**162,069**	**100.0%**
7	**7**	**177,415**	**99.7%**
	28	553	0.3%
8	4	15,211	8.3%
	8	**161,467**	**88.6%**
	33	5,570	3.1%
9	1	3,005	1.7%
	9	**171,926**	**97.7%**
	20	1,059	0.6%
10	**10**	**159,103**	**86.6%**
	25	9,891	5.4%
	31	14,761	8.0%
11	**11**	**140,387**	**78.9%**
	15	5,908	3.3%
	21	2,105	1.2%
	28	29,431	16.5%
	33	8	0.0%

Act 43 Senate Plan	Legislature's Senate Plan	Total Population	Total Percentage
12	2	320	0.2%
	12	**173,164**	**99.0%**
	29	1,463	0.8%
13	**13**	**167,467**	**92.5%**
	20	2,913	1.6%
	33	10,640	5.9%
14	13	10,970	6.3%
	14	**155,811**	**90.0%**
	24	4,371	2.5%
	27	2,051	1.2%
15	11	38,354	21.8%
	15	**135,205**	**76.9%**
	17	2,171	1.2%
16	15	22,283	11.6%
	16	**167,898**	**87.2%**
	26	179	0.1%
	27	2,132	1.1%
17	**17**	**171,652**	**98.9%**
	32	1,880	1.1%
18	**18**	**170,533**	**97.0%**
	20	5,305	3.0%
19	1	3,150	1.7%
	18	6,395	3.5%
	19	**174,928**	**94.8%**
20	8	4,688	2.7%
	9	2,716	1.5%
	18	1,884	1.1%
	20	**167,282**	**94.7%**
21	**21**	**170,331**	**95.6%**
	22	7,871	4.4%
22	21	898	0.5%
	22	**170,221**	**99.5%**
23	10	13,393	7.5%
	23	**155,577**	**86.7%**
	29	3,715	2.1%
	31	6,858	3.8%

Act 43 Senate Plan	Legislature's Senate Plan	Total Population	Total Percentage
	23	2	0.0%
24	**24**	**172,306**	**99.1%**
	32	1,503	0.9%
	10	4,137	2.3%
25	12	3,552	2.0%
	25	**168,579**	**95.6%**
	16	7,398	3.7%
26	**26**	**178,371**	**88.4%**
	27	16,050	8.0%
	14	14,963	7.7%
	15	15,722	8.0%
27	16	3,312	1.7%
	17	2,582	1.3%
	26	199	0.1%
	27	**158,727**	**81.2%**
	5	22,897	12.9%
28	7	1,045	0.6%
	21	5,034	2.8%
	28	**148,519**	**83.7%**
29	23	2,571	1.5%
	29	**173,613**	**98.5%**
	1	10,722	5.9%
30	2	2,803	1.5%
	30	**167,424**	**92.5%**
	10	2,177	1.2%
31	23	20,210	11.3%
	31	**157,011**	**87.5%**
	17	2,424	1.4%
32	24	1,730	1.0%
	32	**175,002**	**97.7%**
	5	848	0.5%
33	8	12,397	7.1%
	28	3	0.0%
	33	**162,529**	**92.5%**

Overall Senate Core Retention: **5,434,396**

Total Pop: 5,893,718

Overall Senate Core Retention %: **92.2%**

Source: T. Bryan Core Retention Analysis

Legislature's Milwaukee SD 4 (AD 10, 11, 12) & SD 6 (AD 16, 17, 18) Core Retention

Act 43	Legislature's Plan	Total Population	Total Percentage	Black Population	Black Percentage
AD 10	**10**	**46,146**	**87.7%**	**26,743**	**83.7%**
	11	6,482	12.3%	5,208	16.3%
AD 11	10	6,276	11.6%	1,595	4.4%
	11	**46,364**	**85.4%**	**33,843**	**93.2%**
	12	1,635	3.0%	875	2.4%
AD 12	11	6,719	11.9%	4,747	13.4%
	12	**49,586**	**88.1%**	**30,683**	**86.6%**
SD 4	**4**	**163,208**	**100.0%**	**103,694**	**100.0%**
AD 16	**16**	**53,739**	**100.0%**	**32,105**	**100.0%**
AD 17	**17**	**52,204**	**94.3%**	**35,415**	**93.0%**
	18	3,139	5.7%	2,654	7.0%
AD 18	16	5,975	11.3%	2,708	8.2%
	17	1,233	2.3%	1,088	3.3%
	18	**45,779**	**86.4%**	**29,074**	**88.5%**
SD 6	**6**	**162,069**	**100.0%**	**103,044**	**100.0%**

AD 10, 11, 12, 16, 17, 18 Black Core Retention: 187,863
AD 10, 11, 12, 16, 17, 18 Black Total Pop: 206,738

SD 4, 6 Black Core Retention %: 100.0%
AD 10, 11, 12, 16, 17, 18 Black Core Retention %: 90.9%

Source: T. Bryan Core Retention Analysis

Legislature's Milwaukee AD 8 & 9
Core Retention

Act 43	Legislature's Plan	Total Population	Total Percentage	Hispanic Population	Hispanic Percentage
AD 8	**8**	**53,999**	**100.0%**	**38,111**	**100.0%**
	7	27	0.0%	23	0.1%
AD 9	8	5,363	9.4%	3,098	8.9%
	9	**51,949**	**90.6%**	**31,731**	**91.0%**

AD 8, 9 Hispanic Core Retention: **69,842**
AD 8, 9 Total Hispanic Pop: 72,963

AD 8, 9 Hispanic Core Retention %: **95.7%**

Source: T. Bryan Core Retention Analysis